



Yearly Status Report - 2017-2018

Part A	
Data of the Institution	
1. Name of the Institution	ALAGAPPA UNIVERSITY
Name of the head of the Institution	PROF N RAJENDRAN
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	04565225200
Mobile no.	9489079080
Registered Email	vicechancelloralu@gmail.com
Alternate Email	registrarialagappauniv@gmail.com
Address	ALAGAPPA UNIVERSITY ALAGAPPAPURAM KARAIKUDI
City/Town	SIVAGANGAI DISTRICT
State/UT	Tamil Nadu
Pincode	630003
2. Institutional Status	
University	State

Type of Institution	Co-education				
Location	Rural				
Financial Status	state				
Name of the IQAC co-ordinator/Director	Dr S KARUTHA PANDIAN				
Phone no/Alternate Phone no.	04565223108				
Mobile no.	9489071025				
Registered Email	iqac@alagappauniversity.ac.in				
Alternate Email	sk_pandian@rediffmail.com				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	https://alagappauniversity.ac.in/uploads/files/AQAR_2016-17.pdf				
4. Whether Academic Calendar prepared during the year	Yes				
if yes, whether it is uploaded in the institutional website: Weblink :	https://alagappauniversity.ac.in/uploads/files/Calendar2017-2018.pdf				
5. Accrediation Details					
				Validity	
Cycle	Grade	CGPA	Year of Accrediation	Period From	Period To
1	A	3.01	2005	20-May-2005	19-May-2010
2	A	3.21	2011	30-Nov-2011	29-Nov-2016
3	A+	3.64	2017	02-May-2017	01-May-2024
6. Date of Establishment of IQAC					
				12-Mar-2005	
7. Internal Quality Assurance System					

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Internal Quality Assurance Cell meeting	21-Aug-2017 1	18
Internal Quality Assurance Cell meeting	26-Oct-2017 1	18
Internal Quality Assurance Cell meeting	12-Apr-2018 1	17
Annual Quality Assurance Report	02-Mar-2018 1	999
NIRF	03-Apr-2018 1	999
ISO Certificate	15-Mar-2017 1	999

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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Bioinformatics	FIST	DST	2017 5	62
Faculty of Science	PURSE	DST	2016 4	700
Mathematics	SAP (DRS I)	UGC	2016 5	62
Physics	SAP (DRS III)	UGC	2014 5	105
Physics	FIST	DST	2015 5	144
Industrial Chemistry	SAP (DRS II)	UGC	2013 5	75
Industrial Chemistry	FIST	DST	2013 5	48.5
Biotechnology	FIST	DST	2016 5	121
Biotechnology	SAP (DRS II)	UGC	2017 5	132
Oceanography and Coastal Area Studies	FIST	DST	2018 5	44

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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
Category I Status from MHRD	
Special Autonomy Status from MHRD UGC	
IAB Blind Empowerment Champions 2018 Silver Zone Award	
3rd Rank in Swachhta Ranking 2017 MHRD for the Cleanest Higher Educational Institutions	
World Environment and Livelihood Award (WEAL) 2017	
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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year	

Plan of Action	Achievements/Outcomes
Efforts be made to increase the strength of Post Doctoral Fellows pursuing their research in the University	Fellowship provided for International Scholars for doing Post Doctoral Research in the University
Intense training be given to students to improve their performance and success rate in National / International level competitive examinations such as NET / SET / GATE / GMAT / CAT/ GRE / TOFEL / Civil Services etc	Alagappa University Study Circle has given intensive coaching to more than 6200 students for Civil Services Examinations / NET / SET / TNPSC /UPSC etc
The Faculty members be encouraged to apply and avail international fellowship for advance studies	Seven Faculty members have been awarded National / International Fellowship for advanced studies / research
Steps be initiated to improve the placement of students in reputed organizations/companies	More than 950 students have been placed in organizations / companies through the Recruitment Cell of Alagappa University. Besides this, many students have got Post Doctoral Fellowships in leading Universities in abroad
Few more Affiliated Colleges be encouraged to achieve autonomous status	Two Colleges have applied for autonomous status to the UGC through CDC, Alagappa University
Efforts be made to identify and enlist the peers who can give a fair opinion/feedback about Alagappa University to the National/ International Accreditation/ranking bodies	A list of peers who can give a fair opinion/feedback about Alagappa University to the National/ International Accreditation/ranking bodies has been prepared and the list is maintained and updated by the NIRF Team
Academic Audit	Completed during the month of August 2017
Deliberations on Research	Six programs on six awarded Nobel Prize themes have been conducted with eminent Resource Persons.
Sustained efforts may be made to attain recognitions	Category I Status from MHRD, Special Autonomy Status from MHRD
Efforts shall be made to sustain/improve the growth rate achieved in the core and desirable benchmark for excellence indicators provided by NAAC	Developmental activities undertaken to the tune of 100 Cr
More departments may be encouraged to apply for UGC	9 Departments have UGC SAP, UGC SAP (DRS III), UGC SAP (DRS II), DST PURSE, DST FIST)
Each Department /College / Centre may be encouraged to organize three or more National / International Seminars /Conferences /Symposia / Workshops in an academic year	Conference/Seminars/Workshops organized International Conference International Conference 15, National Seminar / Conference 29, Workshops 59

Continuous efforts be made to restructure/ revise curriculum to improve the course content	Curriculum restructured / revised for PG Programs 29, UG Programs 02, M.Phil 12, PG Diploma 02, Certificate Course 04
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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
Syndicate	20-Mar-2019
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	10-Apr-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	02-Mar-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	a. The entire Examination system and Financial Aspects are dealt by MIS, almost fully computerized. b. Website is informative with lot more links and updated scrolls. c. General Administration is quasi computerised with MIS covering Purchase, Recruitment of Staff and Student Admission, etc. d. In house software development for applications in Finance/Examination related applications. e. Library Management Software installed in Central Library. f. Radio Frequency Identification installed in all Libraries of Alagappa University. g. Digitalised Administrative Departmental Communication system

Part B

CRITERION I – CURRICULAR ASPECTS**1.1 – Curriculum Design and Development****1.1.1 – Programmes for which syllabus revision was carried out during the Academic year**

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MVoc	303	Fashion Technology	20/04/2018
MVoc	304	Software Development	20/04/2018
MBA	643	Logistic Management	02/03/2018
MBA	622	Corporate Secretaryship	20/10/2017
MA	411	Tamil	17/04/2018
MA	701	English	09/06/2017
MFA	425	Bharathanatyam	19/04/2018
MA	458	Gender Studies	20/04/2018
MA	453	Integrated Home Science	04/08/2017
MA	452	Social Work	21/04/2018
MSc	511	Mathematics	12/12/2017
MSc	514	Bioelectronics	25/04/2018
MSc	522	Physics (Spl. In Biosensors)	26/02/2018
MSc	502	Bioinformatics	11/01/2018
MSc	530	Microbiology	30/01/2018
MSc	461	Oceanography and Coastal Area Studies	16/02/2018
MA (Journalism)	515	Journalism and Mass Communication	25/04/2018

[View File](#)**1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year**

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
PG Diploma	SCUBA Diving	03/07/2017	Add on Course in SCUBA Diving	03/07/2017

[View File](#)**1.2 – Academic Flexibility****1.2.1 – New programmes/courses introduced during the Academic year**

Programme/Course	Programme Specialization	Dates of Introduction
MVoc	Fashion Technology	01/07/2017
MVoc	Software Development	03/07/2017
MBA	Global Finance	21/04/2018

MPhil	Computer Science	06/09/2017
PG Diploma	Lifelong Learning	25/04/2018
PG Diploma	Guidance and Counseling	25/04/2018
PG Diploma	Hospital Management	25/04/2018
MA	Sociology	21/06/2018

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MSc	Maths	03/07/2017
MFA	Music (Vocal)	03/07/2017
MLibSc	Library and Information Science	03/07/2017
BEdSplEd	Visual Impairment	03/07/2017
BVoc	Fashion Technology	03/07/2017
BEd	Education	03/07/2017
MPed	Physical Education	03/07/2017
BSc	Catering Science and Hotel Management	03/07/2017
PG Diploma	SCUBA Diving	03/07/2017
PhD or DPhil	Maths	03/07/2017
MEd	Education	03/07/2017
MCom	Commerce	03/07/2017
BFA	Music (Vocal)	03/07/2017
MA	Tamil	03/07/2017
MBA	General	03/07/2017
MEdSplEd	Visual Impairment	03/07/2017
MSW	Social Work	03/07/2017
BPed	Physical Education	03/07/2017
MCA	Computer Application	03/07/2017
MVoc	Fashion Technology	03/07/2017
MA	Journalism and Mass Communication	03/07/2017
MPhil	Tamil	07/08/2017
MSc	Physics	03/07/2017
MSc	Industrial Chemistry	03/07/2017
MSc	Physics (Biosensors)	03/07/2017
MSc	Energy Science	03/07/2017
MSc	Chemistry (Nanoscience)	03/07/2017

	and Technology)	
MSc	Nanoscience and TEchnology	03/07/2017
MSc	Computer Science	03/07/2017
MSc	Biotechnology	03/07/2017

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Fashion Design	01/07/2017	39
Effective Communication and Soft Skills	01/07/2017	6
Special Classes for UGC CSIR NET	01/07/2017	29
Introduction of e-resources	01/07/2017	29
MOOCs	01/07/2017	102
Advanced Communicative English	01/07/2017	130
Life Coping Skills	01/07/2017	130
English Skills for Career Development	01/07/2017	130
Grammatical And Technical English	01/07/2017	130
Quantitative Aptitude	01/07/2017	69
Professional Etiquettes	01/07/2017	69
Effective Employability Skills	01/07/2017	69
Competitive Examination Skills	01/07/2017	69
Interpersonal and Interview Techniques	01/07/2017	69
Marketing and Sales Management	01/07/2017	56
Entrepreneurial Development Skills	01/07/2017	56

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	Home Science	14
MSW	Social Work	22
MLibSc	Library and Information Science	19
MCA	Compuer Application	64
MSc	Computer Science	70
MEd	Education	13
MA (Journalism)	Journalism and Mass	13

	Communication	
MVoc	Fashion Technology	60
MBA	General	60
BEdSplEd	Visual Impairment	99
BEd	Education	113
MPEd	Physical Education	193

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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Structured feedback is obtained from the students. There are nine feedback forms pertaining to Programs, Courses, Teachers, overall program contents at the time of exit of students, curricular design and academic audit. The feedback is analyzed, evaluated and appropriate action is taken to overcome the deficit. Satisfaction of Students as to curriculum, its delivery, teachers and pedagogy, examination and evaluation, facilities and their maintenance, welfare and all is captured by the feedback questionnaires. Besides, the Student Affairs Dean, Wardens of Hostels, the Heads of Departments are in touch with students and their interests ever handled with SWIFT mode. We conduct Environmental/Green Audit. The questionnaire is indigenously designed. Our stakeholders are informed, explained. And they fill the same consciously. Reduce consumption, increase the inventory of natural resources reduce waste, increase utilization are thoroughly emphasized

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MBA	General, Logistics Management, Banking & Insurance, Corporate Secretaryship, International Business	300	454	287

MCA	Computer Application	70	185	73
MSc	Biotechnology	20	83	28
BEd	Education	100	444	100
MEd	Education	35	20	8
BPEd	Physical Education	100	156	100
MPEd	Physical Education	40	53	39
MSc	Maths	125	296	117
MSc	Physics	40	233	48
MSc	Computer Science	70	182	73

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017	808	2276	9	252	261

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
293	293	150	74	72	140

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

1. Each faculty is having exercises as to counseling / mentoring/ advising for each class or group of students for academic, personal and psycho-social guidance. 2. Each student assigned to a Mentor-Counselor-Adviser teacher at the beginning of the academic year by the Department Counseling Committee and the mentor-mentee relationship continues even after the student completes the study, and in some cases forever. Academic Counseling and Personal and Psycho-Social Guidance for Grooming and Problem Solving are provided. 3. With women students outnumbering the men students, women professional counselors are also

appointed/engaged for the work. 4. A planned scheme of student support and mentoring is advocated by the University. The mentoring takes the form of total grooming from knowledge, skill and attitude making/mapping, pedagogical linkages, educational attainments, graduate attributes, career hopes, societal role and the like.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3830	261	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
260	212	48	0	204

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. M. Karthikeyan	Assistant Professor	Received Certificate of Excellence in Reviewing from Journal of Advances in Medicine and Medical Research
2017	Dr. C. Vethirajan	Professor	Distinguished Management Teacher Award 2018, MTC Global, Bangalore
2017	Dr. H. Gurumalles Prabu	Professor	Alagappa Excellence Award in Research
2017	Dr.R.Raja	Assistant Professor	Journal of The Franklin Institute Elsevier
2017	Dr.R.Raja	Assistant Professor	Mathematics and Computers in Simulation
2017	Dr. T. Stalin	Assistant Professor	Raman Fellowship, UGC New Delhi
2017	Dr. C. Balalakshmi	Assistant Professor	Rifacimento International , NEW DELHI
2017	Dr. R. Yuvakkumar	Assistant Professor	Visiting Fellowship, Jawaharlal Nehru Centre for Advanced Scientific Research, India
2017	Dr.B.Dharmalingam	Director	Manitha Neya Panpalar, Award Kalai Mandram on 19th Annual Day, Deivanaipriya Kalai Mantram, Chennai 18

2017	Dr.Balasubramaniam	Professor	Best Researcher Guide Award
2017	Dr. K.Usha Rani	Professor	Innovative Research and distinguished Physical Educationalist Award
2017	Dr.G.Ravi	Professor	Honourable guest Professor, Shizuoka University, Japan
2017	Dr. R. Yuvakkumar	Assistant Professor	Young Scientist Award, Venus International Research Foundation, India
2017	Dr. R. Yuvakkumar	Assistant Professor	Dr. APJ Abdul Kalam Award for Scientific Excellence
2017	Dr.P.Kumar	Assistant Professor	UGC start Up grant award - University Grant Commission
2017	Dr.P.Kumar	Assistant Professor	Early Career research award - Department of Science and Technology
2017	Dr. Sanjeev Kumar Singh	Professor	Elected member of the National Academy of Sciences, Allahabad, India
2017	Dr.V. Palanisamy	Professor	Appreciation award from Alagappa University on 25-03-2017 for acquiring Research Award given by UGC, New Delhi
2017	Dr. K. Manimekalai	Dean	Life Time Achievement Award
2017	Dr. A. Arun	Associate Professor	Student Research Project Award
2017	Dr.D.Maniazhagu	Assistant Professor	AURF-Alagappa Excellence Award for Research, Alagappa University
2017	Dr. MA. Velusamy	Assistant Professor	Global Outstanding Peace Activist Award, International Buddhist Education Institute IBEI
2018	Dr. K. Balamurugan	Professor	VISITING PROFESSOR Department of Biochemistry and Molecular Biology, Faculty of Agriculture and Life Science, Hirosaki University, Japan
2018	Dr. S. Rajamohan	Professor	Best Professor in Management Award from Innovative Scientific Research Professional Malaysia
2018	Dr. R. Sivakumar	Assistant Professor	Recognized Reviewer, Elsevier, Amsterdam, The Netherlands
2018	Dr. C. Sekar	Professor	International Travel grant award from

2018	Dr. S. Rajamohan	Professor	Best Professor in Management Award from Regional Round Dewang Mehta National Education Award
2018	Dr.V.Palanisamy	Professor	Best Professor in Management Award from Regional Round Dewang Mehta National Education Award
2018	Dr.S.S.Santhoshkumar	Assistant Professor	Best Teacher award from from Dr.A.P.J Abdul kalam art Literary from Chennai
2018	Prof. M. Pandi	Professor	Tamilaivu Sevai Sathanaiyalar
2018	Dr. M. Sutha	Assistant Professor	Alagappa Excellence award for Research 2018, Alagappa University
2018	Dr.K.R.Murugan	Professor	Teaching and Research Excellence Award by GRABS Educational Trust
2018	Dr. S. Karutha Pandian	Professor	Professor of Excellence-2018 by Alagappa University, Karaikudi
2018	Dr. S. Karutha Pandian	Professor	Appreciation Award by Alagappa University, Karaikudi
2018	Dr. M. Ramesh	Associate Professor	Alagappa Excellence Award for Research, Alagappa University
2018	Dr. K. Pandima Devi	Associate Professor	Appreciation Award by Alagappa University, Karaikudi
2018	Dr. B. Vaseeharan	Professor	Next Gen Educational Research Award, Open University Malaysia, Malaysia
2018	Dr. J. Jeyakanthan	Professor	Appreciation Award for the UGC Research Award. Sponsored by Alagappa University
2018	Dr. Sanjeev Kumar Singh	Professor	Appreciation Award for the ICMR Lala Ram Chand Khandhari Award. Sponsored by Alagappa University
2018	Dr. M. Karthikeyan	Assistant Professor	Recipient of Alagappa University prestigious research award
2018	Dr. G.Kalaiyarasan	Professor	Indian Academic Researchers Association, Trichy
2018	Dr.K.Chandrasekar	Assistant Professor	Vallal Alagappan Appreciation Award for

			Research Awardee, Gold Medal
2018	Dr. C. Vethirajan	Professor	Alagappa Excellence Award for Research
2018	Dr. AR. Saravanakumar	Assistant Professor	The Best Educationalist Dr. A.P.J. Abdul Kalam, Social Service Organisation
2017	Dr.R.Rajan	Professor	Dr.Abdul Kalam Award Southern Regional Board of continuing Education, Trichy
2017	Dr.N.Johnson	Assistant Professor	Best Researcher Award, SERAD, Chennai
2017	Dr. Sanjeev Kumar Singh	Professor	Dr. P. Daisy Oration Award-2017
2017	Dr. Sanjeev Kumar Singh	Professor	Senior Scientist Award-2017
2017	Dr. M. Karthikeyan	Assistant Professor	Best Paper Award in Pharmaceutical
2017	Dr. M. Ramesh	Associate Professor	Bose Science Society Award 2017, Tamilnadu Scientific Research Organisation, Pudukottai
2017	Dr. J. Sujathamalini	Associate Professor	Silver Zone, IAB Blind Empowerment Champions 2017, Indian Association for the Blind
2017	Dr. P. Kaleeswaran	Associate Professor	Best Senior Faculty Award, DK International
2017	Dr. P. Yoga	Assistant Professor	Best Researcher Award, DK International
2017	Dr. T.P. Yokesh	Assistant Professor	Best Young Faculty Award, DK International
2017	Dr. P. Sivakumar	Professor	Bharat Gaurav Award, India International Friendship Society
2017	Dr. AR. Saravanakumar	Assistant Professor	The Best Citizens of India, The International Publishing House
2017	Dr.V.Palanisamy	Professor	UGC-Research Award for the year 2016-18, UGC, New Delhi
2017	Dr.B.Dharmalingam	Director	Research Excellence Award, Alagappa University, Karaikudi
2017	Dr.D.Maniazhagu	Assistant Professor	Best Teacher Award, Legal Rights Organisations, Chennai
2017	Dr.D.Maniazhagu	Assistant Professor	Social Service Award, Cosmos Lions Club, Karaikudi
2017	Dr.K.Usha Rani	Professor	Best Social Scientist Award
2017	Dr. A. Narayanamoorthy	Professor	Professor of Excellence

			Award, Alagappa University, Karaikudi
2017	Dr. A. Narayanamoorthy	Professor	NABARD Chair professorship Awardee, Alagappa University, Karaikudi
2017	Dr.S. Karuppuchamy	Professor	Scientific Advisor, SPD laboratory Japan
2017	Dr. K.Manimekalai	Dean	Appreciation Award
2017	Dr. A. Narayanamoorthy	Professor	Member, Editorial Board The Indian Society of Agricultural Marketing, Hyderabad
2017	Dr. A. Narayanamoorthy	Professor	Vice-President, Indian Society of Agricultural Economics
2017	Dr. S. Karuppuchamy	Professor	Best Researcher Award
2017	Dr.C.Balalakshmi	Assistant Professor	National Citizenship Gold Medal Award, Global Economic Progress

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MA	701	IV / 2016-18	30/04/2018	16/07/2018
BPEd	721	IV / 2016-18	30/04/2018	31/07/2018
MPed	811	IV / 2016-18	30/04/2018	16/07/2018
MLibSc	932	II / 2016-18	30/04/2018	19/07/2018
MCA	541	VI / 2015-18	30/04/2018	23/07/2018
MCA	545	VI / 2016-18	30/04/2018	26/07/2018
MLibSc	933	II / 2016-18	30/04/2018	19/07/2018
BEd	711	IV / 2016-18	30/04/2018	13/08/2018
MEd	741	IV / 2016-18	30/04/2018	13/08/2018
BVoc	301	VI /	30/04/2018	13/08/2018

		2015-18		
BVoc	302	VI / 2015-18	30/04/2018	09/08/2018
MFA	425	IV / 2016-18	30/04/2018	09/08/2018
MFA	426	IV / 2016-18	30/04/2018	13/08/2018
MSW	452	IV / 2016-18	30/04/2018	02/08/2018
MA	411	IV / 2016-18	30/04/2018	26/06/2018
MA	415	IV / 2016-18	30/04/2018	30/07/2018
MA	455	IV / 2016-18	30/04/2018	11/06/2018
MSc	461	IV / 2016-18	30/04/2018	28/06/2018
MSc	464	IV / 2016-18	30/04/2018	26/07/2018
MSc	501	IV / 2016-18	30/04/2018	16/07/2018
MSc	502	IV / 2016-18	30/04/2018	23/07/2018
MSc	509	IV / 2016-18	30/04/2018	30/07/2018
MSc	511	IV / 2016-18	30/04/2018	26/07/2018
MA (Journalism)	515	IV / 2016-18	30/04/2018	16/07/2018
MSc	521	IV / 2016-18	30/04/2018	14/06/2018
MSc	522	IV / 2016-18	30/04/2018	19/07/2018
MSc	525	IV / 2016-18	30/04/2018	16/07/2018
MSc	530	IV / 2016-18	30/04/2018	12/06/2018
MSc	533	IV / 2016-18	30/04/2018	19/06/2018
MSc	536	IV / 2016-18	30/04/2018	27/06/2018
MSc	538	IV / 2016-18	30/04/2018	16/07/2018
MSc	540	IV / 2016-18	30/04/2018	19/06/2018
MSc	551	IV / 2016-18	30/04/2018	31/07/2018

MCom	611	IV / 2016-18	30/04/2018	09/07/2018
MBA	622	IV / 2016-18	30/04/2018	27/07/2018
MBA	632	IV / 2016-18	30/04/2018	27/07/2018
MBA	641	IV / 2016-18	30/04/2018	05/07/2018
MBA	643	IV / 2016-18	30/04/2018	31/07/2018
MBA	652	IV / 2016-18	30/04/2018	26/07/2018

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	2875	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://alagappauniversity.ac.in/uploads/files/Pogram Outcomes.pdf>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
455	MA	Economics	6	6	100
461	MSc	Oceanography and CAS	7	7	100
464	MSc	Applied Geology	8	8	100
501	MSc	Biotechnology	29	27	93
502	MSc	Bioinformatics	13	13	100
301	BVoc	Fashion Technology	21	20	95
302	BVoc	Software Development	36	36	100
425	MFA	Bharathanatyam	2	2	100
426	MFA	Music (Vocal)	2	2	100
452	MSW	Social work	16	16	100
411	MA	Tamil	21	19	90
415	MA	History	7	7	100

509	MSc	Zoology	15	15	100
511	MSc	Mathematics	109	77	71
515	MJ	Journalism and Mass Communication	6	5	83
521	MSc	Physics	44	30	68
522	MSc	Physics (Biosensors)	16	15	94
525	MSc	Botany	18	18	100
530	MSc	Microbiology	23	23	100
533	MSc	Nanoscience and Technology	9	9	100
536	MSc	Chemistry	51	51	100
538	MSc	Chemistry (Nanoscience and Technology)	9	7	78
540	MSc	Energy Science	7	7	100
551	MSc	Computer Science	59	59	100
611	MCom	Commerce	37	37	100
622	MBA	Corporate Secretaryship	53	52	98
632	MBA	Banking & Insurance	59	58	98
641	MBA	General	59	55	93
643	MBA	Logistics Management	55	32	58
652	MBA	International Business	37	36	97
701	MA	English	54	54	100
721	BPEd	Physical Education	91	91	100
811	MPEd	Physical Education	12	12	100
932	MLibSc	Library and Information Science	19	19	100
541	MCA	Computer Application	64	60	94
545	MCA	Computer Application (Weekend)	10	9	90
933	MLibSc	Library and Information Science (Lateral)	10	9	90
711	BEEd	Education	97	98	100
713	BEdSplEd	Visual Impairment	27	9	11
741	MEd	Education	7	7	100
743	MEdSplEd	Visual Impairment	1	1	100

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://alagappauniversity.ac.in/uploads/files/Student_Satisfaction_Survey.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. K. Balamurugan	Visiting Professor	12/03/2018	Department of Biochemistry and Molecular Biology, Faculty of Agriculture and Life Science, Hirosaki University, Japan
National	Dr. S. Thanuskodi	Outstanding Research Faculty Award	28/03/2018	Careers 360, New Delhi
National	Dr. G. Paruthimal Kalaignan	DST Nano mission	26/11/2018	DST , New Delhi
International	Dr. S. Karuppuchamy	Visiting Professor	20/10/2017	EPFL, Switzerland
National	Dr. S. Karutha Pandian	UGC Mid-Career Award	28/03/2017	UGC Faculty Research Promotion Scheme
National	Dr. H. Gurumallesh Prabu	UGC Mid-Career Award	28/03/2017	UGC Faculty Research Promotion Scheme
International	Dr. K. Balamurugan	Visiting Professor	12/03/2018	Department of Biochemistry and Molecular Biology, Faculty of Agriculture and Life Science, Hirosaki University, Japan
National	Dr. S. Thanuskodi	Outstanding Research Faculty Award	28/03/2018	Careers 360, New Delhi
National	Dr. G. Paruthimal Kalaignan	DST Nano mission	26/11/2018	DST , New Delhi
International	Dr. S. Karuppuchamy	Visiting Professor	20/10/2017	EPFL, Switzerland
National	Dr. S. Karutha Pandian	UGC Mid-Career Award	28/03/2017	UGC Faculty Research Promotion Scheme

National	Dr. H. Gurumallesh Prabu	UGC Mid-Career Award	28/03/2017	UGC Faculty Research Promotion Scheme
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
JRF	2	MHRD- RUSA
PDF	5	UGC
DST - SERB	3	DST - SERB
DST-INSPIRE-JRF	5	DST
DST-INSPIRE-SRF	5	DST
DBT-BIF-RA	5	DBT
DBT-BIF-Traineeship	5	DBT
Project Fellow	3	Consultancy Project-Evolva Biotech Pvt Ltd
DBT-BIF-RA	5	DBT
Project Fellow	3	Consultancy Project -ITC Pvt Ltd
Project Fellow	3	Consultancy Project-Evolva Biotech Pvt Ltd
DST-PURSE-JRF	3	DST
Project Fellow	3	Consultancy Project -ITC Pvt Ltd
Research Fellow	3	Consultancy Project -ITC Pvt Ltd
DST-PURSE-JRF	3	DST
SRF	2	CSIR
Research Fellow	3	Consultancy Project -ITC Pvt Ltd
Post Doctoral Fellow	2	DST-SERB
SRF	2	CSIR
Project fellow	3	DST-SERB
UGC-DSK PDF	3	UGC
UGC-DSK PDF	3	UGC
DST-N-PDF	2	DST-SERB
UGC BSR-SRF	5	UGC
DST-N-PDF	2	DST-SERB
Post Doctoral Fellow	2	DST-SERB
JRF	2	BRNS
Project fellow	3	DST-SERB

RGNF	5	UGC
RGNF	5	UGC
DST Women Scientist Scheme A	3	DST
DST Women Scientist Scheme A	3	DST
DST-PURSE	1	DST
DST-PURSE	1	DST
AURF	2	AURF
AURF	2	AURF
NFSC	5	NFSC
DBT-BIF-Traineeship	5	DBT
Rajiv Gandhi National Fellowship for SC/ST	4	UGC RGNF
JRF	2	BRNS
DST	2	DST
Project Fellow	3	UGC
Rajiv Gandhi National Fellowship for SC/ST	4	UGC RGNF
DST PURSE	2	DST
DST	2	DST
Maulana Azad National Fellowship	5	UGC
Project Fellow	3	UGC
Project Fellow	3	DST-PURSE, BRNS, UGC, AURF
JRF	2	BRNS
JRF	2	MHRD- RUSA
PDF	5	UGC
DST - SERB	3	DST - SERB
DST-INSPIRE-JRF	5	DST
PDF	2	China Science and Technology Exchange Center
JRF	3	UGC- ND
PDF	2	China Science and Technology Exchange Center
N-PDF	2	DST- SERB
SRF	2	UGC
SRF	2	DST- INSPIRE
AURF	3	AURF
DST-PURSE	1	DST
JRF	3	UGC- ND
JRF Rajiv Gandhi National Fellowship	2	UGC
JRF	2	UGC

Post Doctoral Fellow	3	UGC
SRF	2	UGC
JRF	2	UGC
RGNF-SRF	5	UGC
UGC- Women PDF	3	UGC
JRF	5	UGC
CSIR-RA	3	CSIR
RGNF-SRF	5	UGC
DST PURSE	2	DST
JRF	5	UGC
Maulana Azad National Fellowship	5	UGC
UGC- Women PDF	3	UGC
Project Fellow	3	DST-PURSE, BRNS, UGC, AURF
CSIR-RA	3	CSIR
SRF	2	ICMR
NFSC	5	NFSC
DBT-BIF Studentship	5	DBT
SRF	2	ICMR
JRF	5	UGC-MANF
DBT-BIF Studentship	5	DBT
SRF	3	DBT-TWIN
JRF	5	UGC-MANF
JRF	5	UGC
SRF	3	DBT-TWIN
JRF	5	UGC-RGNF
JRF	5	UGC
JRF	3	DBT
JRF	5	UGC-RGNF
JRF Rajiv Gandhi National Fellowship	1	UGC
JRF	3	DBT
JRF Rajiv Gandhi National Fellowship	2	UGC
JRF Rajiv Gandhi National Fellowship	1	UGC
Post Doctoral Fellow	3	UGC
SRF	2	ICSSR
JRF Rajiv Gandhi National Fellowship	5	UGC
JRF	1	CSIR
SRF	5	UGC-BSR

JRF	3	DST-SERB
PROJECT FELLOW	3	DST-SERB
SRF	2	UGC
SRF	2	ICSSR
JRF Rajiv Gandhi National Fellowship	5	UGC
JRF	1	CSIR
SRF	5	UGC-BSR
DST-INSPIRE-SRF	5	DST
UGC BSR-SRF	5	UGC
N-PDF	2	DST- SERB
SRF	2	UGC
SRF	2	DST- INSPIRE
AURF	3	AURF
DST-PURSE	1	DST
JRF	3	DST-SERB
PROJECT FELLOW	3	DST-SERB
JRF	2	BRNS

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	1	ICSSR	0.4	0.4
Major Projects	3	DST-SERB, DBT, ICSSR, UGC, UGC-BSR, ICMR, RMSA, BRNS, AERB, UGC-SAP, GOMBERT, MOEF CGOI	795.72	244.02
Projects sponsored by the University	2	AURF	5.5	2.75
Industry sponsored Projects	3	Evolva Biotech Pvt. Ltd.,	123.87	31.57
Minor Projects	1	ICSSR	0.4	0.4
Major Projects	3	DST-SERB, DBT, ICSSR, UGC, UGC-BSR, ICMR, RMSA, BRNS, AERB, UGC-SAP, GOMBERT, MOEF CGOI	795.72	244.02
Projects	2	AURF	5.5	2.75

sponsored by the University				
Industry sponsored Projects	3	Evolva Biotech Pvt. Ltd.,	123.87	31.57

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3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Frontier Areas in Chemical Technologies	Department of Industrial Chemistry	06/07/2017
Workshop on Photography	Department of Lifelong Learning	19/09/2017
International Seminar on India- Asian Poets , Senthamizh Kavithendral Kavignar A. Thiruvasanagar	Centre for Tamil Culture, Alagappa University	27/11/2017
Emerging Trends in Customs Clearance and Logistics	Department of International Business	10/02/2018
FDI- Astute Conduit for Trade Integration and Sustainable Development	Department of International Business	02/03/2018
Business Success Hinges on Business Strategies	Department of Commerce	15/12/2017
ACT NEXT Nobel Prize in Peace, 2017	Department of Commerce	19/03/2018
Water conserving Root Zone Irrigation Technique, Chennai	Centre for Tamil Culture	11/09/2017
Workshop on Nano-Bio-Sensors	Department of Bioelectronics and Biosensors	08/03/2018
One Day Training Programme on Achieving Publication Index Scores	Department of Library	10/01/2018
Continuing Rehabilitation Education programme on Independent Living Skills for Adult with Intellectual Disabilities	Department of Special Education and Rehabilitation Science	19/09/2017
National Conference on Education and Empowerment of Women with Disabilities towards Sustainable Development	Department of Special Education and Rehabilitation Science	05/12/2017
A Two-day Training Programme on Business Communication	Department of English and Foreign Languages ,	22/12/2017
ToT on Social Entrepreneurship	Department of Social Work	23/02/2018
Contemporary Issues In Justice and Human Rights	Department of History	25/09/2017

National Workshop on Open Source Software-KOHA for Public and Academic Libraries	Department of Library	14/02/2018
Tamil Nadu History Congress Twenty-Fourth Session-2017	Department of History	06/10/2017
Orientation to Braille	Department of Special Education and Rehabilitation Science	22/01/2018
Continuing Rehabilitation Education programme on Independent Living Skills for Adult with Intellectual Disabilities	Department of Special Education and Rehabilitation Science	19/09/2017
National Conference on Education and Empowerment of Women with Disabilities towards Sustainable Development	Department of Special Education and Rehabilitation Science	05/12/2017
A Two-day Training Programme on Business Communication	Department of English and Foreign Languages,	22/12/2017
ToT on Social Entrepreneurship	Department of Social Work	23/02/2018
ACT NEXT	Department of Economics and Rural Development, Alagappa University, Karaikudi	21/09/2017
International Symposium on Challenges in Inclusive Education	Department of Special Education and Rehabilitation Science	28/08/2017
Change the Future of Migration. Invest in Food Security and Rural Development	Department of Economics and Rural Development, Alagappa University, Karaikudi	16/10/2017
ACT NEXT	Department of Economics and Rural Development, Alagappa University, Karaikudi	08/03/2018
ACT NEXT Nobel Prize in Literature, 2016	Department of English and Foreign Languages, Alagappa University, Karaikudi	26/03/2018
One Day Workshop on Algorithmic Thinking and Algorithmic Design	Department of Computer Science, Alagappa University	18/07/2017
Quality Education For The Students Belonging To The Marginalized Sectors In India Qesbms-2018	Department of Education, DDE	15/03/2018
Quality Education For The Students Belonging To The Marginalized Sectors In India Qesbms-2018	Department of Education, DDE	15/03/2018
70th All India Commerce Conference of ICA-Indian Commerce Association-Impact of Goods and Services Tax on	Faculty of Commerce and Management	12/10/2017

the Indian Economy		
National Seminar on Components and Methods of A Qualitative Research	Department of Library	21/09/2017
One Day Training Programme on Achieving Publication Index Scores	Department of Library	10/01/2018
70th All India Commerce Conference of ICA-Indian Commerce Association-Impact of Goods and Services Tax on the Indian Economy	Faculty of Commerce and Management	12/10/2017
The Birth Anniversary of Sardar Vallabhbhai Patel, The Unifier of India	Department of History	28/03/2018
Making India- From Tradition To Modernity	Department of History	28/03/2018
Two Days Orientation Programme in Marketing Strategies for Business Excellence-MSBE-2018	Department of Commerce and University Business Collaboration Centre	08/02/2018
COM FEST 2018 National Conference on PRIDE OF COMMERCE	Department of Commerce	13/03/2018
ACT NEXT Nobel Prize in Peace, 2017	Department of Commerce	19/03/2018
Water conserving Root Zone Irrigation Technique, Chennai	Centre for Tamil Culture	11/09/2017
International Seminar on India- Asian Poets , Senthamizh Kavithendral Kavignar A. Thiruvasanagar	Centre for Tamil Culture, Alagappa University	27/11/2017
International Seminar on Customer Service Trends in Global Logistics	Department of Logistics Management and Alagappa Institute of Management	19/01/2018
International Conference on Information, Communication and Digital Security-ICICDS-2018	Department of Computer Applications	21/03/2018
National Advance Coaches Training Camp	Department of Special Education and Rehabilitation Science	02/03/2018
Art of Counseling	Department of Special Education and Rehabilitation Science	20/11/2017
National Theme Meet on University to Industry Interface -2017	Industry Consultancy Cell and Department of Physics	22/03/2018
Business Oriented Analytical Research and Development	Department of Physics	31/01/2018
Two Day Workshop on Android Application Development	Department of Computer Science Alagappa University	06/12/2017
Contemporary Issues In Justice and Human Rights	Department of History	25/09/2017
Member international conference on global growth	Alagappa Institute Of Management	02/02/2017

Two Day Workshop on Android Application Development	Department of Computer Science Alagappa University	06/12/2017
Two Day Workshop on Computational Science, Techniques for Understanding and Solving Complex Real-World Problems	Department of Computer Science Alagappa University	04/01/2018
ACT NEXT Nobel Prize in Physiology or Medicine, 2017	Department of Biotechnology, Alagappa University, Karaikudi	27/03/2018
Training Programme on Business opportunities in Aquaculture and Vermiculture Technology	Department of Animal Health and Management	02/03/2018
Workshop on Nano-Bio-Sensors	Department of Bioelectronics and Biosensors	08/03/2018
Workshop on Photography	Department of Lifelong Learning	19/09/2017
Business Oriented Analytical Research and Development	Department of Physics	31/01/2018
Member international conference on global growth	Alagappa Institute Of Management	02/02/2017
Vocational Training Programme by Canara Bank	Department of Special Education and Rehabilitation Science	03/08/2017
National Seminar on Recent Research Trends and Developments in Computer Science	Department of Computer Applications	08/03/2018
Sustainable Development- Role of Business Education and Research	Department of Studies in Commerce, University of Mysore	20/03/2018
ACT NEXT	Department of Economics and Rural Development, Alagappa University, Karaikudi	21/09/2017
International Seminar on Twenty First Century Tamil- Nokkum Pokkum , Tholkappiya Kotru Marabil Mozhithal Panbadu	Centre for Tamil Culture , Alagappa University	08/09/2017
National Seminar on Recent Research Trends and Developments in Computer Science	Department of Computer Applications	08/03/2018
Orientation Programme for Teachers to be an Effective Technology Enabled Educational Entrepreneur-ETEE- 2017	Department of Special Education and Rehabilitation Science	18/03/2018
International Conference on Momentous Role of Nanomaterials in Renewable Energy Devices-IC MNRE-2018	Department of Physics	01/03/2018
ACT NEXT Nobel Prize in Physics, 2017	Department of Physics,	28/03/2018

	Alagappa University, Karaikudi	
Frontier Areas in Chemical Technologies	Department of Industrial Chemistry	06/07/2017
National Seminar on Frontier Areas in Chemical Technologies	Department of Industrial Chemistry	22/03/2018
National Conference on Sustainable Green Business	Alagappa Institute of Management	27/03/2018
Symposium on World Poetry Day Celebrations	Department of English and Foreign Languages, Alagappa University, Karaikudi	21/03/2018
One Week Short Term Training Programme Research Publication and Anti-Plagiarism	Department of English and Foreign Languages	09/10/2017
One Week Short Term Training Programme Research Publication and Anti-Plagiarism	Department of English and Foreign Languages	09/10/2017
A One-day Workshop on Research Methodology	Department of English and Foreign Languages, Alagappa University, Karaikudi	21/08/2017
A One-day Workshop on Research Methodology	Department of English and Foreign Languages, Alagappa University, Karaikudi	21/08/2017
Prof. K. Chellappan Endowment Lecture	Department of English and Foreign Languages, Alagappa University, Karaikudi	31/08/2017
Prof. K. Chellappan Endowment Lecture	Department of English and Foreign Languages, Alagappa University, Karaikudi	31/08/2017
The New India Manthan-2017	Department of History	18/08/2017
The New India Manthan-2017	Department of History	18/08/2017
Neighbourhood Youth Parliament	Department of History	08/09/2017
Neighbourhood Youth Parliament	Department of History	08/09/2017
National Workshop on Open Source Software-KOHA for Public and Academic Libraries	Department of Library	14/02/2018
Tamil Nadu History Congress Twenty-Fourth Session-2017	Department of History	06/10/2017
International Seminar on Customer Service Trends in Global Logistics	Department of Logistics Management and Alagappa Institute of Management	19/01/2018
International Conference on Information, Communication and Digital Security-ICICDS-2018	Department of Computer Applications	21/03/2018

National Advance Coaches Training Camp	Department of Special Education and Rehabilitation Science	02/03/2018
Orientation Programme for Teachers to be an Effective Technology Enabled Educational Entrepreneur-ETEE- 2017	Department of Special Education and Rehabilitation Science	18/03/2018
Novelty for sustainability and dynamic equilibrium of business	Alagappa Institute Of Management	19/01/2017
International Symposium on Challenges in Inclusive Education	Department of Special Education and Rehabilitation Science	28/08/2017
International Seminar on Twenty First Century Tamil- Nokkum Pokkum , Tholkappiya Kotru Marabil Mozhithal Panbadu	Centre for Tamil Culture , Alagappa University	08/09/2017
Symposium on World Poetry Day Celebrations	Department of English and Foreign Languages, Alagappa University, Karaikudi	21/03/2018
Two Day Workshop on Computational Science, Techniques for Understanding and Solving Complex Real-World Problems	Department of Computer Science Alagappa University	04/01/2018
ACT NEXT Nobel Prize in Physiology or Medicine, 2017	Department of Biotechnology, Alagappa University, Karaikudi	27/03/2018
Training Programme on Business opportunities in Aquaculture and Vermiculture Technology	Department of Animal Health and Management	02/03/2018
Art of Counseling	Department of Special Education and Rehabilitation Science	20/11/2017
National Conference on Sustainable Green Business	Alagappa Institute of Management	27/03/2018
Seminar on Challenging Business Intelligence and Innovations Management	Alagappa Institute of Management	27/09/2017
Emerging Trends in Customs Clearance and Logistics	Department of International Business	10/02/2018
FDI- Astute Conduit for Trade Integration and Sustainable Development	Department of International Business	02/03/2018
Business Success Hinges on Business Strategies	Department of Commerce	15/12/2017
Two Days Orientation Programme in Marketing Strategies for Business Excellence-MSBE-2018	Department of Commerce and University Business Collaboration Centre	08/02/2018
COM FEST 2018 National Conference on PRIDE OF COMMERCE	Department of Commerce	13/03/2018

Technical Symposium-CSINNOWIZ-2K17	Department of Computer Science Alagappa University	20/09/2017
The Birth Anniversary of Sardar Vallabhbhai Patel, The Unifier of India	Department of History	28/03/2018
Making India- From Tradition To Modernity	Department of History	28/03/2018
National Seminar on Components and Methods of A Qualitative Research	Department of Library	21/09/2017
Sustainable Development- Role of Business Education and Research	Department of Studies in Commerce, University of Mysore	20/03/2018
Change the Future of Migration. Invest in Food Security and Rural Development	Department of Economics and Rural Development, Alagappa University, Karaikudi	16/10/2017
ACT NEXT	Department of Economics and Rural Development, Alagappa University, Karaikudi	08/03/2018
ACT NEXT Nobel Prize in Literature, 2016	Department of English and Foreign Languages, Alagappa University, Karaikudi	26/03/2018
One Day Workshop on Algorithmic Thinking and Algorithmic Design	Department of Computer Science, Alagappa University	18/07/2017
National Theme Meet on University to Industry Interface -2017	Industry Consultancy Cell and Department of Physics	22/03/2018
Seminar on Challenging Business Intelligence and Innovations Management	Alagappa Institute of Management	27/09/2017
Novelty for sustainability and dynamic equilibrium of business	Alagappa Institute Of Management	19/01/2017
International Conference on Momentous Role of Nanomaterials in Renewable Energy Devices-IC MNRE-2018	Department of Physics	01/03/2018
ACT NEXT Nobel Prize in Physics, 2017	Department of Physics, Alagappa University, Karaikudi	28/03/2018
Orientation to Braille	Department of Special Education and Rehabilitation Science	22/01/2018
ACT NEXT Nobel Prize in Chemistry, 2017	ACT NEXT Nobel Prize in Chemistry, 2017	28/03/2018
Two day Short Term Training Programme on Hands on Training in Computer Networks and R Programming	Department of Computer Applications	31/01/2018

Vocational Training Programme by Canara Bank	Department of Special Education and Rehabilitation Science	03/08/2017
Known Your Rights-Empower yourself	Department of History	13/09/2017
Known Your Rights-Empower yourself	Department of History	13/09/2017
National Seminar on Frontier Areas in Chemical Technologies	Department of Industrial Chemistry	22/03/2018
ACT NEXT Nobel Prize in Chemistry, 2017	ACT NEXT Nobel Prize in Chemistry, 2017	28/03/2018
Two day Short Term Training Programme on Hands on Training in Computer Networks and R Programming	Department of Computer Applications	31/01/2018
Technical Symposium-CSINNOWIZ-2K17	Department of Computer Science Alagappa University	20/09/2017

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Students mini Project	T.Sangeetha	AURF	06/04/2018	Faculty of science-First
Students mini Project	T.Sangeetha	AURF	06/04/2018	Faculty of science-First
Best Poster award	Dr. M. Mohana	2nd Indian Worm meeting held at National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi	26/02/2018	Poster presentation
Best Poster award	Dr. M. Mohana	2nd Indian Worm meeting held at National Institute of Immunology, Aruna Asaf Ali Marg, New Delhi	26/02/2018	Poster presentation
Best poster presentation	S. Asaithambi	Anna University	24/11/2017	Research Scholar
Best poster presentation	S. Asaithambi	Anna University	24/11/2017	Research Scholar
Best oral presentation	P. Sakthivel	Ururu Dhanalakshmi Trichy	21/08/2017	Research Scholar
Best oral presentation	P. Sakthivel	Alagappa university	02/03/2018	Research Scholar
Best oral presentation	P. Sakthivel	National College Trichy	22/03/2018	Research Scholar

Essay Competition	K. Kalaiselvi	Mudiarasanar Avaikalam	19/08/2018	Research Scholar
Students MINI Project scheme	Logistic Management	AURF	06/04/2018	Second position
Best Poster Award	N. Sudhan	Kaoshing University, Taiwan	11/11/2018	International Conference on Environmental Medicine
International Travel Support	A.C. Anithaa	DST-SERB	25/07/2017	5th Nano Today Conference, Hawaii, USA
Best oral presentation	P. Sakthivel	Urumbu Dhanalakshmi Trichy	21/08/2017	Research Scholar
Best oral presentation	P. Sakthivel	Alagappa university	02/03/2018	Research Scholar
Best oral presentation	P. Sakthivel	National College Trichy	22/03/2018	Research Scholar
Essay Competition	K. Kalaiselvi	Mudiarasanar Avaikalam	19/08/2018	Research Scholar
Students MINI Project scheme	Logistic Management	AURF	06/04/2018	Second position
Best Poster Award	N. Sudhan	Kaoshing University, Taiwan	11/11/2018	International Conference on Environmental Medicine
International Travel Support	A.C. Anithaa	DST-SERB	25/07/2017	5th Nano Today Conference, Hawaii, USA

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
Bioconcrete-Incubation Centre	Dr. K. Balaji	Incubation and Technology Transfer Centre, Alagappa University, Karaikudi	Bioconcrete-Incubation Centre	Biotechnology-based product	19/04/2018
All-Inclusive Scientific Web Designing Centre	Mr. V. Ganesan	Incubation and Technology Transfer Centre, Alagappa University, Karaikudi	All-Inclusive Scientific Web Designing Centre	Website Development	11/05/2018

Bioconcrete- Incubation Centre	Dr. K. Balaji	Incubation and Technology Transfer Centre, Alagappa University, Karaikudi	Bioconcrete- Incubation Centre	Biotechnology- based product	19/04/2018
All- Inclusive Scientific Web Designing Centre	Mr. V. Ganesan	Incubation and Technology Transfer Centre, Alagappa University, Karaikudi	All- Inclusive Scientific Web Designing Centre	Website Development	11/05/2018

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Nanoscience and Technology	1
Bioinformatics	1
Bioelectronics and Biosensors	1
Oceanography and Coastal Area Studies	1
Animal Health and Management	1
Zoology	2
Marine Biology	2
Management	16
Commerce	5
Marine Biology	2
Management	16
Commerce	5
Corporate Secretaryship	2
Education	21
Biotechnology	9
Nanoscience and Technology	1
Bioinformatics	1
Bioelectronics and Biosensors	1
Oceanography and Coastal Area Studies	1
Animal Health and Management	1
Zoology	2
Mathematics	4
Computer Science	9

Physics	4
Chemistry	7
Biotechnology	9
Physical Education	14
Tamil	6
English	12
Womens Studies	1
Rural Development	1
History	2
Library and Information Science	8
Corporate Secretaryship	2
Education	21
Physical Education	14
Tamil	6
English	12
Womens Studies	1
Rural Development	1
History	2
Library and Information Science	8
Mathematics	4
Computer Science	9
Physics	4
Chemistry	7

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	English and Foreign Languages	29	2.14
International	Bank Management	34	3.62
International	English and Foreign Languages	29	2.14
International	Womens Studies	4	6.2
National	Bank Management	29	9.51
National	Social Work	5	4.89
National	Economics and Rural Development	14	4.67
National	Biotechnology	1	0.95
National	Animal Health and Management	1	1.98
International	Alagappa University College of Education	7	5.01
International	Social Work	18	3.40
International	Logistic Management	20	4.24
International	Bank Management	34	3.62

International	International Business	33	3.19
International	Alagappa University College of Education	7	5.01
International	Commerce	50	3.66
International	Nanoscience and Technology	17	3.23
International	Computer Applications	82	2.23
International	Alagappa University College of Physical Education	10	5.27
International	Corporate Secretaryship	36	3.84
International	Alagappa University College of Physical Education	10	5.27
International	Directorate of Distance Education	28	2.88
National	Biotechnology	1	0.95
National	Animal Health and Management	1	1.98
International	Nanoscience and Technology	17	3.23
International	Computer Applications	82	2.23
International	Microbiology	5	2.81
International	Oceanography and Coastal Areas Studies	16	1.15
International	Education	29	3.35
International	Alagappa Institute of Skill Development	2	6.92
International	Alagappa Institute of Management	63	2.94
International	Computer Science	17	5.79
International	Biotechnology	82	2.65
National	Directorate of Distance Education	5	2.61
International	Economics and Rural Development	5	6.1
International	Library and Information Science	7	0.13
International	Physics	106	2.60
International	Biotechnology	82	2.65
National	Directorate of Distance Education	5	2.61
National	Commerce	14	3.44
National	Corporate Secretaryship	21	2.96
National	Bank Management	29	9.51
National	Social Work	5	4.89
National	Economics and Rural Development	14	4.67
International	Economics and Rural	5	6.1

	Development		
International	Library and Information Science	7	0.13
International	Physics	106	2.60
International	Energy Science	10	1.97
International	Industrial Chemistry	49	3.57
International	Botany	4	3.17
International	Logistic Management	20	4.24
International	Animal Health and Management	32	2.67
International	International Business	33	3.19
International	Bioelectronics and Biosensors	18	4.96
International	Energy Science	10	1.97
National	Bioinformatics	1	1.0
International	Womens Studies	4	6.2
National	Alagappa Institute of Management	15	3.14
International	Social Work	18	3.40
National	Logistic Management	4	2.08
International	Directorate of Distance Education	28	2.88
National	International Business	5	2.08
International	Industrial Chemistry	49	3.57
National	Bioinformatics	1	1.0
National	Alagappa Institute of Management	15	3.14
National	Logistic Management	4	2.08
National	International Business	5	2.08
National	Commerce	14	3.44
National	Corporate Secretaryship	21	2.96
International	Microbiology	5	2.81
International	Oceanography and Coastal Areas Studies	16	1.15
International	Education	29	3.35
International	Alagappa Institute of Skill Development	2	6.92
International	Alagappa Institute of Management	63	2.94
International	Computer Science	17	5.79
International	Bioinformatics	46	2.15
International	Commerce	50	3.66
International	Botany	4	3.17
International	Corporate Secretaryship	36	3.84

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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Directorate of Distance Education	24
Alagappa University College of Physical Education	2
Alagappa University College of Education	10
Bank Management	26
Corporate Secretaryship	4
Commerce	8
International Business	1
Biotechnology	21
Social Work	14
Energy Science	3
Physics	1
Mathematics	1
Library and Information Science	6
Economics and Rural Development	4
Logistics Management	2
Alagappa Institute of Management	55
Alagappa Institute of Skill Development	2
Special Education and Rehabilitation Science	3
Bank Management	26
Corporate Secretaryship	4
Commerce	8
International Business	1
Computer Applications	12
Lifelong Learning	12
Education	67
Microbiology	7
Bioinformatics	2
Bioelectronics and Biosensors	2
Women s Studies	2
English and Foreign Languages	2
Centre for Tamil Culture	5
Directorate of Distance Education	24
Alagappa University College of Physical Education	2
Alagappa University College of Education	10
Computer Applications	12
Nanoscience and Technology	1

Nanoscience and Technology	1
Industrial Chemistry	3
Industrial Chemistry	3
Energy Science	3
Physics	1
Mathematics	1
Library and Information Science	6
Economics and Rural Development	4
Logistics Management	2
Alagappa Institute of Management	55
Alagappa Institute of Skill Development	2
Special Education and Rehabilitation Science	3
Lifelong Learning	12
Education	67
Microbiology	7
Bioinformatics	2
Bioelectronics and Biosensors	2
Biotechnology	21
Social Work	14
Women s Studies	2
English and Foreign Languages	2
Centre for Tamil Culture	5

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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A novel method for isolation and long term storage of lytic phages of <i>Vibrio vulnificus</i>	Published	1741032875	24/11/2017
A System for growing unidirectional organic single crystal compound and method thereof	Published	1641011210	15/12/2017
Bacteriophage Preparation for Biocontrol of Vibriosis	Published	1741032876	24/11/2017

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of	Citation	Institutional affiliation as	Number of
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			public ation	Inde x	mentioned in the publication	citati ons exclu ding self citati on
Influence of sulfonated GO/sulfonated biopolymer as polymer electrolyte membrane for fuel cell application	Dr.M.Ramesh Prabhu	Journal of Materials Science Materials in Electronics 29	2018	0	Department of Physics	0
Structural, electrical, and electrochemical properties of poly based polymer blend electrolytes	Dr.M.Ramesh Prabhu	Journal of Solid State Electrochemistry, 1	2018	0	Department of Physics	0
Synthesis and characterization of NiO/Ni ₃ V ₂ O ₈ nanocomposite for supercapacitor applications	Dr.G.Ravi	Materials Letters 219, 114	2018	0	Department of Physics	0
Internet as a Source for Job Seeking	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistry and Photobiology B: Biology	2017	2	Department of Animal Health and Management	0
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimica Acta	2017	1	Department of Bioelectronics and Biosensors	1

simultaneous sensing of environmental pollutants and pseudocapacitor ap						
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/Protein interaction, Anticancer activity and toxicity against 14 species of microbe pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Experimental and computational Assessment of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2018	0	Department of Botany	0
Biocompatible properties of	Dr. A. Arumugam	Materials Science and	2018	0	Department of Botany	1

nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery		Engineering				
Synthesis of TiO ₂ nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yazhinprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
In vitro antagonistic activity and the protective effect of probiotic Bacillus licheniformis Dahb1 in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Giriya V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0
Insecticidal activity of camphene, zerumbone and αhumulene from	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S	Ecotoxicology and Environmental Safety	2018	2	Department of Animal Health and Management	0

Cheilocostus speciosus rhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F					
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Synthesis of chitosanalginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Biopolymer gelatincoated zinc oxide nanoparticles showed high antibacterial, antibiofilm and antiangiogenic activity	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology	2018	8	Department of Animal Health and Management	0
Vitexin inhibits A β 25 35 induced toxicity in Neuro 2a cells by augmenting Nrf 2/HO 1 dependent antioxidant	Malar DS, Suryanarayana n V, Prasanth MI, Singh SK, Balamurugan K, Devi KP	Toxicology in Vitro	2018	0	Department of Biotechnology	0

pathway and regulating lipid homeostasis by the activation of LXR α						
In vitro and in vivo effect of 2,6-Ditertbutyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i>	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dab1 improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against <i>Aeromonas hydrophila</i> in tilapia <i>Oreochromis mossambicus</i>	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	5	Department of Animal Health and Management	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0

cytotoxic potential						
Proteomics analysis of crude squid ink isolated from <i>Sepia esculenta</i> for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab <i>Portunus pelagicus</i> and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Biomining drugs from the sea: high antibiofilm properties of haemocyanin purified from the haemolymph of flower crab <i>Portunus pelagicus</i> (L.) (Decapoda: Portunidae)	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N S, Khaled J M, Al anbr M N, Benelli G	Aquaculture	2018	3	Department of Animal Health and Management	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from <i>Scylla serrate</i> crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunatha	Cancer gene therapy	2018	0	Department of Animal Health and Management	0

	n P. Birintha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka					
Sargassum wightiisynthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0
Antibiofilm of Nocardioopsis sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response disease resistance in Oreochromis mossambicus against Aeromonas hydrophila	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0
Role of Corporate Social ResponsibilitiesA n Conceptual Framework	Dr.K.Chandras ekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
A Brief Review on Cloud Security Scenarios	Dr.K.Kuppusam y	International Journal of Scientific Research in Science and Technology	2018	34	Department of Computer Science	0

An Adequate Image Stegnography Method based on Bit Reversed Technique	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	0	Department of Computer Science Department of Computer Science	0
Optimal Multiple Watermark Embedding using Modified Krill Herd Algorithm and DCT	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	271	Department of Computer Science	0
Magnetic nanoparticles are highly toxic to chloroquineresistant Plasmodium falciparum, dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale	Parasitology Research	2017	14	Department of Animal Health and Management	0
A note on Lattice ordered Fuzzy Soft Group	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2018	0	Alagappa university	0
Toxicity of Camellia sinensisfabricated silver nanoparticles on invertebrate and vertebrate organisms: morphological abnormalities and DNA damages	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0
Role of purified	Iswarya A,	Fish and	2017	6	Department	0

<p>β1, 3 glucan binding protein (βGBP) from <i>Paratelphusa hydrodromus</i> and their antiinflammatory, antioxidant and antibiofilm properties</p>	<p>Anjugam M, Vaseeharan B</p>	<p>Shellfish Immunology</p>			<p>of Animal Health and Management</p>	
<p>Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by <i>Candida</i> spp</p>	<p>FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P</p>	<p>Journal of Medical Mycology [Elsevier, France]</p>	<p>2018</p>	<p>1</p>	<p>Department of Biotechnology</p>	<p>1</p>
<p>Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens</p>	<p>Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G</p>	<p>Colloids and Surfaces B: Biointerfaces</p>	<p>2017</p>	<p>4</p>	<p>Department of Animal Health and Management</p>	<p>0</p>
<p><i>Euphorbia rothiana</i> fabricated Ag nanoparticles showed high toxicity on <i>Aedes aegypti</i> larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against bacteria</p>	<p>Banumathi B, Vaseeharan B, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G</p>	<p>Journal of Cluster sciences</p>	<p>2017</p>	<p>3</p>	<p>Department of Animal Health and Management</p>	<p>0</p>
<p>A novel antimicrobial therapy for the</p>	<p>Vijayakumar S, Vaseeharan B,</p>	<p>Microbial Pathogenesis</p>	<p>2017</p>	<p>3</p>	<p>Department of Animal Health and</p>	<p>0</p>

control of Aeromonas hydrophila infection in aquaculture using marine polysaccharide coated gold nanoparticle	Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N				Management	
Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7Methyl gallic acid - An in vitro and in silico studies	Pugazhendhi A, Shafreen RB, Devi KP, Suganthy N	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
Farm Income in India Myths and Realities	Dr. A. Narayanamoorthy	Indian Journal of Agricultural Economics	2017	0	Alagappa University	3
Ecofriendly fabrication of Ag nanostructures using the seed extract of Pedalium murex, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector Aedes aegypti and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu NM, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0

Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Rajavel T, Packiyaraj P, Suryanarayana n V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	Department of Biotechnology	1
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its antiquorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Phytolloaded PLGA nanoparticle as a modulator of Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Sathya, S., Shanmuganathan, B., Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	Artificial Cells, Nanomedicine, and Biotechnology	2017	0	Department of Biotechnology	0
Two Expressions for Electrostatic Forces and For Magnetic Forces to Classify Electromagnetic Waves	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	1	Alagappa University	0
Export Potential	Dr. S.	Jnanavardhini	2017	0	Alagappa	0

of Agricultural Commodity Market In India	Rajamohan	Online Multidisciplinary Research Journal			Institute of Management	
Academic performances by the faculty members of Mother Teresa Women s University and its affiliated colleges an evaluative study	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Comparative Study Of Big Data Analytical Tools	Dr.E.Ramaraj	International Journal Of Pure And Applied Mathematics	2017	0	Department of Computer Science	0
Application of Bradford s Law of Scattering to the Discipline of Law Analysis of Doctoral Theses Citations Submitted by Universities in India	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
Stable and Flexible Weight based clustering algorithm in mobile Ad hoc networks	Dr.V.Palanisamy	International Journal of Computer Science and Information Technologies	2017	6	Alagappa University	6
Hybrid cryptography by the implementation of RSA and AES	Dr.V.Palanisamy	International Journal of current research	2017	6	Alagappa University	6
An efficient cluster based approach multi source multicast routing protocol in mobile Ad hoc network	Dr.V.Palanisamy	International journal of computer network and communications	2018	2	Alagappa University	2
Two potential	Malaikozhunda	Microbial	2017	4	Department	0

uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	n B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Pathogenesis			of Animal Health and Management	
Supported binary liposome vesicle gold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	5
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	4	Department of Animal Health and Management	0
Synthesis and characterization of hydroxyapatite/graphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology (IRJET).	2017	0	Department of Animal Health and Management	0
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistry and Photobiology B: Biology	2017	2	Department of Animal Health and Management	0
Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A,	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0

	Mehlhorn H, Angelocanale					
Biopolymer zeincoated gold nanoparticles: synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistr y Photobiology, B: Biology	2017	10	Department of Animal Health and Management	0
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	Malaikozhunda n B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenesis	2017	4	Department of Animal Health and Management	0
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	4	Department of Animal Health and Management	0
Synthesis and characterization of hydroxyapatite/gr aphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranaraya nan K	International Research Journal of Engineering and Technology (IRJET).	2017	0	Department of Animal Health and Management	0
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundu an B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistr y and Photobiology B: Biology	2017	2	Department of Animal Health and Management	0
Mosquito control with green nanopesticides:	Benelli G, Maggi F, Pavelo R,	Environmental Science and Pollution	2017	34	Department of Animal Health and	0

towards the one health approach? A Review of nontarget effects	Murugan K, Govindarajan M, Vaseeharan B, Prtrelli R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A	Resaerch			Management	
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	10	Department of Animal Health and Management	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran N, Aruni W, Pandian SK and Ramesh M	Scientific Reports Nature Publishing Group, UK	2018	0	Alagappa University, Karaikudi. T. Stanes and Company Ltd. Loma Linda University, USA	0
Simplified Interpretation for Einstein s Energy Mass Relation	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	1	Alagappa University	1
Ecotoxicity of Musa paradisiaca leaf extractcoated ZnO	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya	LimnologicaEcology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0

nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G					
Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Ishwarya R, Vaseeharan B, Kalyani S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2018	13	Department of Animal Health and Management	0
Structural, magnetic and magnetocaloric properties of EuMnO ₃ perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
High efficacy of (Z)γbisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Bacillus	Malaikozhundu	Journal of	2017	2	Department	0

thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	an B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Photochemistry and Photobiology B: Biology			of Animal Health and Management	
Deposition of transition metal Mn doped BTO thin films by sol gel technique	Dr.N.Anandhan	Journal of Materials Science Materials in Electronics	2018	0	Department of Physics	0
Effect of Concentration on Nano Hydroxyapatite Powder by Wet Chemical Precipitation Route	Dr.N.Anandhan	Asian Journal of Research in Chemistry	2018	0	Department of Physics	0
Role of annealing temperatures on the mechanical, optical, electrical and magnetic properties of nanoHydroxyapatite biomaterial	Dr.N.Anandhan	J of Nanosci and Nano Technologu 2018	2018	0	Department of Physics	0
Role of RPM on the synthesis of Sol Gel Derivate BSO Thin Films	Dr.N.Anandhan	International Research Journal of Engineering and Technologynd Tech	2017	0	Department of Physics	0
Surface texture and luminous analysis of Sol Gel spin coated Dy doped ZnO thin films	Dr.N.Anandhan	International Research Journal of Engineering	2017	0	Department of Physics	1
Facile growth of ZnO nanowire arrays and nanoneedle arrays with flower structure on ZnO	Dr.N.Anandhan	J Alloys Compound	2017	0	Department of Physics	15
Electrochemically modified crystal orientation, surface	Dr.N.Anandhan	Results in Physics	2017	0	Department of PhysicsDep artment of	1

morphology and optical properties using CTAB on Cu ₂ O thin films					Physics	
Effect of Polyvinyl Alcohol on Electrochemically Deposited ZnO Thin Films for DSSC Applications	Dr.N.Anandhan	AIP Conference Proceedings	2017	0	Department of Physics	1
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Carbon Wrapping Effect on Sulfur/Polyacrylonitrile Composite Cathode Materials for Lithium Sulfur Batteries	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 121	2018	0	Department of Physics	0
Effect of Dispersoid on Sulfonium Ionic Liquid Based Gel Polymer Electrolyte for Lithium Secondary Battery	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 215	2018	0	Department of Physics	0
Structural and Morphological Studies on Li ₂ FeO ₅ MnO ₄ /C Composite Synthesized Using Polyvinyl Alcohol for Energy Storage Devices	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 296	2018	0	Department of Physics	0
An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against Vibrio Cholerae O1	MuruganRajalaxmi, RajamohamedBemaShafree, KaruppiachChithiraiselvi, Shunmugiah Karutha Pandian	Molecular and Cellular Probes	2018	1	Department of Biotechnology	1
Synthesis and Electrochemical Performance of	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and	2018	0	Department of Physics	0

PEG MnO ₂ Sulfur Composites Cathode Materials for Lithium Sulfur Batteries		nanotechnology 18 (1), 127				
Synthesis and Electrochemical Performance of PEG MnO ₂ Sulfur Composites Cathode Materials for Lithium Sulfur Batteries	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 127	2018	0	Department of Physics	0
Synthesis and characterization of hausmannite (Mn ₃ O ₄) nanostructures	Dr.G.Ravi	Surfaces and Interfaces 11, 28	2018	0	Department of Physics	0
Radio frequency power induced changes of structural, morphological, optical and electrical properties of sputtered cadmium oxide thin films	Dr.G.Ravi	Thin Solid Films 654, 85	2018	0	Department of Physics	0
Structural, Optical and Magnetic Properties of NiO Nanopowders	Dr.G.Ravi	Journal of nanoscience and nanotechnology 18 (7), 4658	2018	0	Department of Physics	0
Influence of radiofrequency power on structural, morphological, optical and electrical properties of magnetron sputtered CdO: Sm thin films as alternative TCO	Dr.G.Ravi	Journal of Alloys and Compounds	2018	0	Department of Physics	0
Campuswide floristic diversity of medicinal plants in Indian Institute Technology Madras	Jothi Basu. M	American J. Plant Sciences	2017	0	Alagappa University / Karaikudi	0

(IITM), Chennai						
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelle R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A	Environmental Science and Pollution Resaerch	2017	34	Department of Animal Health and Management	0
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Durairajan Rubini, Sanaulla FarisaBanu, B. Narayanan Veda Hari, DuraiRamya Devi, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Paramasivam Nithyanand	Food and Chemical Toxicology	2018	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases, School of Chemical and Biotechnology, SASTRA Deemed University, School of Chemical and Biotechnology, SASTRA Deemed University	0

					Department of Biotechnology	
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Murugesan Sivaranjani, Ramanathan Srinivasan, Chairmandurai Aravindraja, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Biofouling	2018	0	Department of Biotechnology	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Pandiyan Muthuramalingam, Subramanian Radhesh Krishnan, Subramani Pandian, Narayanan Mareeswaran, Wilson Aruni, Shunmugiah Karutha Pandian and Manikandan Ramesh	Scientific reports	2018	0	Department of Biotechnology, T Stanes and Company Ltd, Phytopharma Testing Laboratory, Division of Microbiology, School of Medicine	0
Hydrothermal synthesis of spherical NiCO ₂ O ₄ nanoparticles as a positive electrode for pseudocapacitor applications	Dr. R. Yuvakkumar	Journal of Sol Gel Science and Technology 84 (2), 297305	2018	0	Department of Physics	0
Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	Alagappa University / Karaikudi. T Stanes and Company Limited, Coimbatore	0
Improved Agrobacterium mediated transformation and rapid	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture	2017	2	Alagappa University, Ben Gurion University	2

regeneration in four cultivars of finger millet					of Nagev, Entomology Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds	
Phytol shows anti angiogenic activity and induces apoptosis in A549 cells by depolarizing the mitochondrial membrane potential	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacotherapy	2018	0	Department of Biotechnology	0
A Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro 2a cells from A β induced neurotoxicity	Sathya, S., Shanmuganathan, B., Manirathinam G., Ruckmani, K., and Devi KP	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
Gelidiellaacerosa exhibits neuroprotective effect against amyloid beta 25 35 peptide induced toxicity in PC12 cells	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	Department of Biotechnology	0
Efficient electrochromic performance of anatase TiO ₂ thin films prepared by nebulized spray	Dr. R. Sivakumar	Journal Solid State Electrochemical 22 (2018) 1825	2018	0	Department of Physics	0

deposition method						
Grewiatiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	Department of Biotechnology	0
Vitexin inhibits A β 25 35 induced toxicity in Neuro 2a cells by augmenting Nrf 2/HO 1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Malar DS, Suryanarayana n V, Prasanth MI, Singh SK, Balamurugan K, Devi KP	Toxicology in Vitro	2018	0	Department of Biotechnology	0
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yazhinprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
In vitro antagonistic activity and the protective effect of probiotic Bacillus licheniformis Dahb1 in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Girija V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0
Insecticidal	Benelli G,	Ecotoxicology	2018	2	Department	0

activity of camphene, zerumbone and ahumulene from Cheilocostus speciosus rhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	and Environmental Safety			of Animal Health and Management	
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
Synthesis of chitosanalginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Biopolymer gelatincoated zinc oxide nanoparticles showed high antibacterial, antibiofilm and antiangiogenic activity	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology	2018	8	Department of Animal Health and Management	0
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnology	1
Dietary	Gobi N,	Fish and	2018	5	Department	0

supplementation of probiotic Bacillus licheniformis Dahbl improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against Aeromonas hydrophila in tilapia Oreochromis mossambicus	Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Shellfish Immunology			of Animal Health and Management	
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Synthesizing graphene from waste mosquito repellent graphite rod by using electrochemical exfoliation for battery super capacitor applications	Dr. C. Ganesa Moorthy	Energy Sources, Part A Recovery, Utilization, and Environmental Effects	2017	0	Alagappa University	0
A suggestion for a good anode material synthesized and characterized	Dr. C. Ganesa Moorthy	Discovery	2017	1	Alagappa University	0
Extracting Frequent Patterns by Combining PSO and K-Means with Downward based Ranking	Dr. N. Anbazhagan	European Journal of Scientific Research	2017	0	Alagappa University	0

Extracting of Positive and Negative Association Rules	Dr. N. Anbazhagan	International Journal of Emerging Research in Management and Technology	2017	0	Alagappa University	0
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenesis	2017	4	Department of Animal Health and Management	0
Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab Portunus pelagicus and their antibiofilm properties	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Journal of Fish and Shellfish Immunology	2017	9	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from Scylla serrate crab hemolymph	Divya M, Vaseeharan B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvolgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Analysis of population structure and genetic diversity in an exotic germplasm collection of Eleusine coracana L Gaertn using genic SSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P, Ramesh M	Gene Elsevier, USA	2018	1	Alagappa University	1

Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity R ISSR	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science China National Rice Research Institute, Hangzhou, Elsevier	2018	0	Alagappa University	0
Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine based on cetyltrimethylammonium bromide assisted SnO ₂ nanoparticles	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3
Genome wide identification of major transcription factor superfamilies in rice identifies key candidates involved in abiotic stress dynamism	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R and Ramesh M	Journal of Plant Biochemistry and Biotechnology Springer, India	2018	0	Alagappa University, T Stanes and Company Ltd. Coimbatore, Panjab University	0
Spermidine sprays alleviate the water deficit induced oxidative stress in finger millet Eleusine coracana L Gaertn plants	Satish L, Rency AS and Ramesh M	3 Biotech Springer, India	2018	0	Alagappa University, Ben Gurion University of Negev, The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev	0
In vitro propagation and conservation of useful endangered medicinal plants with anticancer activity	Rameshkumar R, Rathinapriya P, Satish L, Pandian S, Rency AS and Ramesh M	Journal of Molecular Biology and Biotechnology MedPub Journals, USA	2017	3	Alagappa University	3

An Amazing nutritional Value in Wonderful Finger Millet Makes This The Most Lovable Food Crop to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	Alagappa University / Karaikudi, Pondicherry University / Puducherry	0
Investigation of antioxidant and anticancer potential of fucoidan from Sargassum polycystum	Palanisamy. S, Vinosha. M, Manikandakrishnan. M, Anjali. R, Rajasekar. P, Marudhupandi. T, Manikandan. R, Vaseeharan B, Prabhu. N. M	International Journal of Biological Macromolecules	2018	1	Department of Animal Health and Management	0
Searching for crabborne antimicrobial peptides: Crustin from Portunus pelagicus triggers biofilm inhibition and immune responses of Artemia salina against GFP tagged Vibrio parahaemolyticus Dahv2	Rekha. R, Vaseeharan B, Ishwarya. R, Anjugam. M, Naiyf S. Alharbi, Kadaikunnan. S, Jamal M. Khaled, Mohammed N. Alanbrb, Govindarajan. M	Molecular Immunology	2018	0	Department of Animal Health and Management	0
StructureBased Virtual screening and biological evaluation of LuxT inhibitors for targeting Quorum sensing through an in vitro biofilm formation	D. Sasikala, J. Jeyakanthan, P. Srinivasan	Journal of Molecular Structure	2017	613	Department of Animal Health and Management	0
Swift heavy nickel ion irradiated ethylene diamine tetra acetic acidassisted tungsten trioxide thin film for the	AC Anithaa, K Asokan, C Sekar	Sensors and Actuators B: Chemical	2017	0	Department of Bioelectronics and Biosensors	2

electrocatalytic detection of guanine						
Binding mode exploration of LuxRthiazolidinedione analogues, epharmacophorebased virtual screening in the designing of LuxR inhibitors and its biological evaluation	S Rajamanikandan, J Jeyakanthan, P Srinivasan	Journal of Biomolecular Structure and Dynamics 35	2017	0	Department of Animal Health and Management	0
Pharmacophore modeling, comprehensive 3DQSAR, and binding mode analysis of TGR5 agonists	T Sindhu, P Srinivasan	Journal of Receptors and Signal Transduction	2017	0	Department of Animal Health and Management	0
Discovery of potent inhibitors targeting Vibrio harveyi LuxR through shape and epharmacophore based virtual screening and its biological evaluation	S Rajamanikandan, J Jeyakanthan, P Srinivasan	Microbial pathogenesis 103, 4056	2017	0	Department of Animal Health and Management	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Exploring the selectivity of autoinducer complex with LuxR using molecular docking, mutational studies and molecular dynamics simulations	S. Rajamanikandan and P. Srinivasan	Journal of Molecular Structure	2017	0	Department of Animal Health and Management	0
Efficacy of potential phage cocktails against Vibrio harveyi and closely related Vibrio	N. Stalin and P. Srinivasan	Veterinary Microbiology	2017	0	Department of Animal Health and Management	0

species isolated from shrimp aquaculture environment in the south east coast of India						
Morphological characterization and biocontrol effects of Vibrio vulnificus phages against Vibriosis in the shrimp aquaculture environment	P. Srinivasan and P. Ramasamy	Microbial Pathogenesis	2017	0	Department of Animal Health and Management	0
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Green synthesis of silver nanoparticles using Lippia nodiflora aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects	A. Sudha and P. Srinivasan	Resource Efficient Technologies	2018	0	Department of Animal Health and Management	0
Antiproliferative and apoptosis induction studies of 5hydroxy 3',4',7trimethoxy flavone in human breast cancer cells MCF7: an in vitro and in silico approach	A. Sudha, P. Srinivasan, V. Kanimozhi, K. Palanivel and B. Kadalmani	Journal of Receptors and Signal Transduction	2018	0	Department of Animal Health and Management	0
Vertical Growth of ZnO Nanorods on ZnO Seeded FTO substrate for Dye Sensitized Solar cells	Dr.N.Anandhan	AIP Conference Proceeding	2018	0	Department of Physics	0
Global exponential stability of	Dr.G.Ravi	International Journal of Adaptive	2018	0	Department of Physics	0

antiperiodic solutions for impulsive discrete-time Markovian jumping stochastic BAM neural networks with additive time-varying delay		Control and Signal Processing 32 (6), 908				
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemia franciscana against virulent vibrios	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	2017	0	Department of Biotechnology	1
Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	10	Department of Animal Health and Management	0
Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7Methyl gallic	Pugazhendhi A, Shafreen RB, Devi KP, Suganthy N	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0

acid - An in vitro and in silico studies						
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Rajavel T, Packiyaraj P, Suryanarayana n V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	Department of Biotechnology	1
Anti amyloidogenic and antiapoptotic effect of α bisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayana n V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	Department of Biotechnology	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Ishwarya R, Vaseeharan B, Kalyani S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2018	13	Department of Animal Health and Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0

Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Ramanathan Shalini, Arunachalam K, Chandran S, Selvaraj R, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology, Science Campus	0
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Magnetic nanoparticles are highly toxic to chloroquineresistant Plasmodium falciparum, dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan	Parasitology Research	2017	14	Department of Animal Health and Management	0

	C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale					
Toxicity of Camellia sinensisfabricate d silver nanoparticles on invertebrate and vertebrate organisms: morphological abnormalities and DNA damages	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0
Role of purified β 1, 3 glucan binding protein (β GBP) from Paratelphusa hydrodromus and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	6	Department of Animal Health and Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambadkar: Chief of Architect of Making Moden India, Alagappa University	2018	0	Alagappa Institute of Management	0
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfaces	2017	4	Department of Animal Health and Management	0

pathogens						
Euphorbia rothiana fabricated Ag nanoparticles showed high toxicity on Aedes aegypti larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against bacteria	Banumathi B, Vaseeharan B, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	3	Department of Animal Health and Management	0
Sargassum wightii synthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	Alagappa University	3
Ecotoxicity of Musa paradisiaca leaf extract coated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G	Limnologica Ecology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0

Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Ishwarya R , Vaseeharan B, Kalyani S , Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M , Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2018	13	Department of Animal Health and Management	0
An Efficient Approach In Image Segmentation Based On Energetic Self Organization Map	Dr.E.Ramaraj	International Journal For Research In Engineering Application And Management	2017	0	Department of Computer Science	0
High efficacy of (Z) γ bisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yashiniprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnology	1

In vitro antagonistic activity and the protective effect of probiotic Bacillus licheniformis Dahb1 in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Girija V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0
Insecticidal activity of camphene, zerumbone and αhumulene from Cheilocostus speciosus rhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	Ecotoxicology and Environmental Safety	2018	2	Department of Animal Health and Management	0
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
Synthesis of chitosanalginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Biopolymer gelatincoated zinc oxide nanoparticles showed high	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S,	Journal of Photochemistry and Photobiology	2018	8	Department of Animal Health and Management	0

antibacterial, antibiofilm and antiangiogenic activity	Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G					
Dietary supplementation of probiotic Bacillus licheniformis Dahbl improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against Aeromonas hydrophila in tilapia Oreochromis mossambicus	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	5	Department of Animal Health and Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab Portunus pelagicus and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0

Biomining drugs from the sea: high antibiofilm properties of haemocyanin purified from the haemolymph of flower crab <i>Portunus pelagicus</i> (L.) (Decapoda: Portunidae)	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N S, Khaled J M, Al anbr M N, Benelli G	Aquaculture	2018	3	Department of Animal Health and Management	0
Novel NiWO4 nanoberry morphology effect on photoelectrochemical properties	Dr.G.Ravi	Materials Letters 220, 209	2018	0	Department of Physics	0
Wavelet Based Improved Coding Techniques (WBIC) for Grayscale Images using Lossy Compression	AnanthaBabu S and EswaranPerumal	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Multi Secret Image Sharing Scheme based on DNA Cryptography with XOR	Ramya Princess Mary EswaranPerumal and K.Shankar	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Performance Evaluation of Adaptive Minimum Mean Square Error in WCDMA	Uma Devi V and EswaranPerumal	International Journal of Pure and Applied Mathematics	2017	0	Department of Computer Applications	0
Active Database System Approach and Rule Based in the Development of Academic Information System	M.Miftakul Amin, AndinoMaseleno, K.Shankar, EswaranPerumal, R.M.Vidhyavathi, SK.Lakshmanaprabu	International journal of Engineering and Technology	2018	0	Department of Computer Applications	0
Combinations of DCT and DWT approach using Run Length Coding in Wavelet Image Compression	AnanthaBabuS and EswaranPerumal	International Journal for Research in Engineering Application and Management	2018	0	Department of Computer Applications	0
Pixel Based Phenology Method	Dr.E.Ramaraj	International Journal of	2018	0	Department of	0

for Satellite Image Environment Classification Supervised Approach		Advance Research in Computer Science			Computer Science	
Band Value Based Reflective Image Classification Method to Classify the Satellite Image Environment	Dr.E.Ramaraj	International Journal of Engineering and Technology	2018	0	Department of Computer Science	0
Privacy Preserving Public Auditing for Secure Cloud Storage	Dr.E.Ramaraj	International Journal of Knowledge Based Computer Systems	2018	0	Department of Computer Science	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from Spatoglossum asperum	S. Palanisamy, M.Vinosh, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in aquaculture using marine	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N	Microbial Pathogenesis	2017	3	Department of Animal Health and Management	0

polysaccharide coated gold nanoparticle						
Ecofriendly fabrication of Ag nanostructures using the seed extract of <i>Pedaliium murex</i> , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector <i>Aedes aegypti</i> and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i>	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab <i>Scylla serrata</i> .	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Unit Root Test of Selected NonAgricultural Commodities and	Dr. S. Rajamohan	International Journal of Advanced Research in	2018	0	Alagappa Institute of Management	0

Macro Economic Factors in Multi Commodity Exchange of India Limited		Management and Social Sciences				
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Role of Corporate Social Responsibilities A n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P,	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department	3

extract: Biofilm inhibition and photodegradation of dye effluent	Prabhu NM, Kannapiran E				of Animal Health and Management	
Hamiltonian Approach for Finding Shortest Path	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from Spatoglossum asperum	S. Palanisamy, M.Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
Isolation of fucoidan from Sargassum polycystum brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunathan P. Biruntha.M, Karthigeyan	Cancer gene therapy	2018	0	Department of Animal Health and Management	0

	M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka					
Studies on Stress Protein Produced by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from Spatoglossum asperum and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinotha Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu	Journal of Photochemistr y and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Toxic heavy	Abimannan	Marine	2017	0	Alagappa	5

metals in commercially important food fishes collected from Palk Bay, Southeastern India	Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Pollution Bulletin			University	
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3
Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Low energy nitrogen ion beam implanted tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Structural, magnetic and magnetocaloric properties of EuMnO ₃ perovskite manganite: A	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1

comprehensive MCE study	Peter, C Sekar, Helen Annal					
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
The metabolic profile of essential oils and assessment of anti urease activity of ESI mass spectrometry of Salvia officinalisL	Sheriff.T.S. Hassan, Emil S vajdlenka, Kannan R.R.Rengasamy, Radka Melicharkova, Shunmugiah KaruthaPandian	South African Journal of Botany	2018	0	Department of Biotechnology	0
Exploring the antivirulent and sea food	Sanaula FarisaBanu, Durairajan	LWT Food Science and Technology	2018	0	Department of Biotechnol	0

preservation efficacy of Essential oil combined with DNase on Vibrio parahaemolyticus.	Rubini, Ramar Murugan, Vellingiri Vadivel, Shanmugaraj Gowrishankar, Shunmugiah KaruthaPandian, Paramasivam Nithyanand				ogy	
An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against Vibrio Cholerae O1	MuruganRajala xmi, RajamohamedBemaShafree, KaruppiyahChithiraiselvi, Shunmugiah Karutha Pandian	Molecular and Cellular Probes	2018	1	Department of Biotechnology	1
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	S FarisaBanua, D.Rubini, P.Shanmugavelan, R.Murugan, S.Gowrishankar, S.Karutha Pandian, P.Nithyanand	Journal de Mycologie Medicale	2018	1	Department of Biotechnology	1
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Ramanathan Shalini, Arunachalam K, Chandran S, Selvaraj R, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology, Science Campus	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Ravindran D, Ramanathan S, Arunachalam K, Jeyaraj GP, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Exploring the	Ramanathan	Frontiers in	2018	4	Department	3

antiquorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Srinivasan, Ramar Mohankumar, Arunachalam Kannappan, Veeramani Karthick Raja, Govindaraju Archunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi	Cellular and Infection Microbiology			of Biotechnology, 2) Department of Pharmaceutical Technology, National Facility for Drug Development for Academia, Pharmaceutical and Allied Industries, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 3) Department	
Green synthesized silver nanoparticles demonstrating enhanced in vitro and in vivo antibiofilm activity against <i>Candida</i> spp.	Subramanian Muthamil, Vivekanandham Amsa Devi, Boopathi Balasubramanian, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Journal of Basic Microbiology	2018	0	Department of Biotechnology	0
Physicochemical and Microbiological Changes During Drying of Wolf Herring (<i>Chirocentrus dorab</i>) and Coastal Trevally (<i>Carangoides coeruleopinnatus</i>)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Electrochemical	N.Lavanya,	Journal of	2018	0	Department	0

determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	JeanNizeyiman Claude C.Sekar	Colloid and Interface Science			of Bioelectronics and Biosensors	
Low energy nitrogen ion beam implanted tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0
Structural, magnetic and magnetocaloric properties of EuMnO ₃ perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
Employees Perception of CSR Practices: A Study with reference to Chennai Region	Dr.C.Vethirajan	International Journal of Organisational behavior and Management Perspectives	2017	0	Department of Corporate Secretaryship	0
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0

Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Electrochemical detection of estrus specific phenolic compound p-cresol to assess the reproductive phase of certain farm animals	N Sudhan, C Manikkaraja, V Balasubramanian, G Archunan, C Sekar	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0
Supported binary liposome vesicle-gold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	5
Information Extraction and Prediction Using Partial Keyword Combination and Blends Measure	Dr.A.Padmapriya	IETE Journal of Research	2017	0	Department of Computer Science	0
Antibiofilm of Nocardia sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0

An Assessment of User Information Needs in the District Central Libraries at Tamil Nadu, India	Dr. S. Thanuskodi	Library Philosophy and Practice	2017	0	Alagappa University	0
Global Exponential Stability of Anti	Dr.R.Raja	International Journal of Adaptive Control and Signal Processing, 32 (6) (2018) 908	2018	0	Alagappa University	0
Analysis of Voting Using EVM System	Dr.S.S.Dhenakaran	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
Structural, Optical and Magnetic Properties of NiO Nanopowders	Dr.G.Ravi	Journal of nanoscience and nanotechnology 18 (7), 4658	2018	0	Department of Physics	0
Influence of radiofrequency power on structural, morphological, optical and electrical properties of magnetron sputtered CdO: Sm thin films as alternative TCO	Dr.G.Ravi	Journal of Alloys and Compounds	2018	0	Department of Physics	0
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Global exponential stability of antiperiodic	Dr.G.Ravi	International Journal of Adaptive Control and	2018	0	Department of Physics	0

solutions for impulsive discrete-time Markovian jumping stochastic BAM neural networks with additive time-varying delay		Signal Processing 32 (6), 908				
Novel NiWO4 nanoberries morphology effect on photoelectrochemical properties	Dr.G.Ravi	Materials Letters 220, 209	2018	0	Department of Physics	0
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent Vibrio harveyi	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	4
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Electrochemical detection of estrus specific phenolic compound pcesrol to assess the reproductive phase of certain farm animals	N Sudhan, C Manikkaraja, V Balasubramanian, G Archunan, C Sekar	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Unit Root Test of Selected NonAgricultural	Dr. S. Rajamohan	International Journal of Advanced	2018	0	Alagappa Institute of	0

Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited		Research in Management and Social Sciences			Management	
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidocyclo(L-leucylLprolyl) thwarts biofilm formation	Gowrishankar, S Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	2	Department of Biotechnology	2
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambedkar: Chief of Architect of Making Modern	2018	0	Alagappa Institute of Management	0

		India, Alagappa University				
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
The point defects induced ferromagnetism in ZnO semiconductor by terbium doping via co	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (14), 11892	2018	0	Department of Physics	0
Vertically aligned Cu	Dr.G.Ravi	Materials Letters 222, 58	2018	0	Department of Physics	0
Influence of Thickness on Surface Texture and Optical Parameters of Spin Coated Bismuth Titanate (Bi ₄ Ti ₃ O ₁₂) Thin Films	Dr.N.Anandhan	Int. J of Adv. Engg and Res. Devent	2018	0	Department of Physics	0
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15

Protein interaction, Anticancer activity and toxicity against 14 species of microble pathogens						
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Experimental and computational Assessmzzent of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistr y 7 Photobiology	2018	0	Department of Botany	0
Biocompatible properties of nano drug Carriers using TiO2 - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
Synthesis of Tio2 nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
A mini review on the chemistry and neuroprotective	Devi KP, Malar DS, Braidy N,	Current Drug Targets	2017	0	Department of Biotechnol	1

effects of silymarin	Nabavi SM and Nabavi SF				ogy	
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Role of Corporate Social Responsibilities A n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
In vivo	Kannappan A,	Pathogens and	2018	0	Department	0

protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Disease			of Biotechnology	
Analysis of population structure and genetic diversity in an exotic germplasm collection of Eleusine coracana L Gaertn using genic SSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P Ramesh M	Gene Elsevier, USA	2018	1	Alagappa University	1
Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity R ISSR	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science China National Rice Research Institute, Hangzhou, Elsevier	2018	0	Alagappa University	0
Genome wide identification of major transcription factor superfamilies in rice identifies key candidates involved in abiotic stress dynamism	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R and Ramesh M	Journal of Plant Biochemistry and Biotechnology Springer, India	2018	0	Alagappa University, T Stanes and Company Ltd. Coimbatore, Panjab University	0
Spermidine sprays alleviate the water deficit induced oxidative stress in finger millet Eleusine coracana L Gaertn plants	Satish L, Rency AS and Ramesh M	3 Biotech Springer, India	2018	0	Alagappa University, Ben Gurion University of Negev, The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev	0

In vitro propagation and conservation of useful endangered medicinal plants with anticancer activity	Rameshkumar R, Rathinapriya P, Satish L, Pandian S, Rency AS and Ramesh M	Journal of Molecular Biology and Biotechnology MedPub Journals, USA	2017	3	Alagappa University	3
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0
Exploring multi potential uses of marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	K.Mohanrasu, N.Premnath, G.Siva Prakash, Muniasamy Sudhakar, T. Boobalan and A. Arun	Journal of Photochemistry and Photobiology B: Biology	2018	0	Department of Energy Science, Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	0
Lanosterol	Balasubramani	Progress in	2018	0	Department	0

expressed biofouling inhibition on Gulf of Mannar coast, India	an V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Organic Coatings			of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New Harbour Area, Tuticorin, Green Processing / Bioremediation and Alternative Energies R	
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Faunistic studies on Macrozooplankton at Sundarapandianpatinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	S FarisaBanua, D.Rubini, P.Shanmugavelan, R.Murugan, S.Gowrishankar, S.Karutha Pandian, P.Nithyanand	Journal de Mycologie Medicale	2018	1	Department of Biotechnology	1
Electrochemical	Dr.N.Anandhan	Applied	2018	0	Department	3

synthesis of one dimensional ZnO nanostructures on ZnO seed layer for DSSC applications		Surface Science, 428, 385			of Physics	
Utilisation of Information Resources among the Civil Service Exam Aspirants at Chennai A Study	Utilisation of Information Resources among the Civil Service Exam Aspirants at Chennai A Study	Library Philosophy and Practice	2017	0	Alagappa University	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Ravindran D, Ramanathan S, Arunachalam K, Jeyaraj GP, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Structural, magnetic and magnetocaloric properties of EuMnO3 perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
Exploring multi potential uses of marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	K.Mohanrasu, N.Premnath, G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	Journal of Photochemistry and Photobiology B: Biology	2018	0	Department of Energy Science, Department of Microbiology, Polymers and Composites, Materials Science and Manufacturing Unit, Council for	0

					Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0
Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud	Dr.A.Padmapriya	Australian Journal of Basic and Applied Science	2017	105	Department of Computer Science	0
A study of stress caused by social interactions in social networks	Dr.S.Santhosh kumar	International Journal of Computer Engineering and Applications	2018	0	Department of Computer Science	0
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New	0

					Harbour Area, Tuticorin, Green Processing / Bioremediation and Alternative Energies R	
Effects of turmeric (<i>Curcuma longa</i>) on shelf life extension and biogenic amine control of cuttlefish (<i>Sepia brevimana</i>) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTAJournal of Food	2017	0	Alagappa University	1
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
Molecular modeling, dynamics studies and density functional theory approaches to identify potential inhibitors of SIRT4 protein from <i>Homo sapiens</i> : a novel target for the treatment of type 2 diabetes	Dr. J. Jeyakanthan	J Biomol Struct Dyn	2017	9	Department of Bioinformatics	5
Green synthesis of silver nanoparticles using <i>Lippia nodiflora</i> aerial extract and evaluation of their antioxidant, antibacterial and	Dr. J. Jeyakanthan	ResourceEfficient Technologies	2017	4	Department of Bioinformatics	0

cytotoxic effects						
Synthesis of rhodamine based organic nanorods for efficient chemosensor probe for Al (III) ions and its biological applications	Dr. J. Jeyakanthan	Sensors and Actuators B: Chemical	2018	9	Department of Bioinformatics	0
Improved conductivity and antibacterial activity of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. J. Jeyakanthan	J Photochem Photobiol B	2018	0	Department of Bioinformatics	0
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio speciesAn in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV and Ramesh M	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	4
Inhibition of quorum sensingdependent biofilm and virulence genes expression in environmental pathogen Serratia marcescens by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	Department of Biotechnology	0
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast of India	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0
Exploring the antiquorum sensing and	Srinivasan R, Mohankumar R, Kannappan A,	Frontiers in Cellular and Infection	2017	0	Department of Biotechnol	3

antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Microbiology			ogy	
Preparation and characterization of chitosan based nanocomposite hybrid polymer electrolyte membranes for fuel cell application	Dr.M.Ramesh Prabhu	Ionics, 1	2018	0	Department of Physics	0
Ionic liquid mediated Enhanced surface morphology of silver/manganese oxide/bentonite nanocomposite for improved biological activities	Dr.M.Ramesh Prabhu	Journal of Molecular Liquids 249, 1020	2018	0	Department of Physics	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> an in vitro study	Ravindran D, Ramanathan S, Arunachalam K, Jeyaraj GP, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
In vitro activity of α -mangostin in killing and eradicating <i>Staphylococcus epidermidis</i> RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
Green synthesized silver	Ishwarya R, Vaseeharan B,	Journal of Cluster	2017	5	Biomaterials and	0

nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia corunta Crustaceans	Shanthi S, Benelli G	Science			Biotechnology in Animal Health Lab, Department of Animal Health and Management	
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from Scylla serrate crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Rajavel T, Packiyaraj P, Suryanarayana V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	Department of Biotechnology	1
Sargassum wightiisynthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
Purification,	Jayanthi S,	Journal of	2017	9	Biomateria	0

characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab <i>Portunus pelagicus</i> and their antibiofilm properties	Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Fish and Shellfish Immunology			ls and Biotechnology in Animal Health Lab, Department of Animal Health and Management	
Swift heavy nickel ion irradiated ethylene diamine tetra acetic acid assisted tungsten trioxide thin film for the electrocatalytic detection of guanine	AC Anithaa, K Asokan, C Sekar	Sensors and Actuators B: Chemical	2017	0	Department of Bioelectronics and Biosensors	2
Biological therapeutics of <i>Pongamia pinnata</i> coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G	Journal of Microbial Pathogenesis	2017	22	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Antibiofilm of <i>Nocardia</i> sp. GRCi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Enhanced Secure Authentication Based SEMS With Improved Security Model	Dr.T.Meyyappan	International Journal for Modern Trends in Science and Technology (MTST)	2017	0	Department of Computer Science	0
Web Digging strategies for Extraction of News	Dr.T.Meyyappan	International Journal for Modern Trends in Science and	2017	0	Department of Computer Science	0

		Technology (MTST)				
Automated crime Data computing and Criminals Matching Using Data Ming Techniques	Dr.T.Meyyappa n	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
Internet as a Source for Job Seeking	Dr.S.S.Dhenak aran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Effect of EVM in the Assembly Elections of Tamil Nadu	Dr.S.S.Dhenak aran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Impact of Social Media	Dr.S.S.Dhenak aran	International Journal of Computer Science	2017	0	Department of Computer Science	0
A study on Renewable Power Generation in India	Dr.S.S.Dhenak aran	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
Adoption of Crypto Encryption Techniques in Different Scenarios	Dr.S.S.Dhenak aran	International Journal of Advanced Research in Computer Science and Management Studies	2017	0	Department of Computer Science	0
Data Protection in Manet using Symmetric and Asymmetric Approaches	Dr.S.S.Dhenak aran	Australian Journal of Basic and Applied Sciences	2017	0	Department of Computer Science	0
New Approach for Reducing the Size of Ciphertext	Dr.S.S.Dhenak aran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
New Approach for Text Based Image Compression	Dr.S.S.Dhenak aran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Linguistic	Dr.S.S.Dhenak	International	2018	0	Department	0

Schemes Encoding Text Message	aran	Journal Scientific Research in Science and Technology			of Computer Science	
Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G	Journal of Microbial Pathogenesis	2017	22	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Synthesis and distribution of bioinspired silver nanoparticles using spirulina extract for control of Vibrio parahaemolyticus infection in aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	1	Department of Animal Health and Management	0
Sargassum wightiisynthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	5	Department of Animal Health and Management	0
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3

Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Low energy nitrogen ion beam implanted tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Electrochemical detection of estrus specific	N Sudhan, C Manikkaraja, V	Biochemical Engineering Journal	2017	0	Department of Bioelectro	0

phenolic compound presol to assess the reproductive phase of certain farm animals	Balasubramanian, G Archunan, C Sekar				nics and Biosensors	
Supported binary liposome vesiclegold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory, Department of Bioelectronics and Biosensors	5
Role of different chelating agent in synthesis of copper doped tin oxide (Cu	Dr.G.Ravi	AIP Conference Proceedings 1953 (1), 030192	2018	0	Department of Physics	0
Synthesis and characterization of hydroxyapatite/graphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology (IRJET) .	2017	0	Department of Animal Health and Management	0
Synthesis of chitosanalgininate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Responsible Business Practices Towards Consumer Protection	Dr.V.Balachandran	UGC approved Journal 44120, Shanlax International Journal of Commerce	2018	0	Department of Corporate Secretaryship	0
Biopolymer gelatincoated zinc oxide nanoparticles showed high antibacterial, antibiofilm and	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N	Journal of Photochemistry and Photobiology	2018	8	Department of Animal Health and Management	0

antiangiogenic activity	S, Kadaikunnan S, Khaled J M, Benelli G					
Dietary supplementation of probiotic Bacillus licheniformis Dahb1 improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against Aeromonas hydrophila in tilapia Oreochromis mossambicus	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	5	Department of Animal Health and Management	0
Unit Root Test of Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Isolation of fucoidan from Sargassum polycystum brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinosha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
MicroRNA21 and the various types of myeloid	Mani Panagal Senthil Kumar S.	Cancer gene therapy	2018	0	Department of Animal Health and	0

leukemia	Sivakurunathan P. Biruntha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka				Management	
Studies on Stress Protein Produced by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
Photo assisted advanced oxidation processes for Rhodamine B degradation using ZnO Ag nanocomposite materials	Dr.S.Karuppuchamy	Journal of Environmental Chemical Engineering	2017	2	Department of Energy Science	0
The Effects of MAPP and OPDC on Physical and Mechanical Properties of OPDC RPC	Dr.S.Karuppuchamy	Journal of Mechanical Engineering	2017	0	Department of Energy Science	0
Inorganic based hole transport materials for perovskite solar cells	Dr.S.Karuppuchamy	Journal of Materials Science Materials in Electronics	2018	1	Department of Energy Science	0
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3
Image Encryption and decryption using Shifting Technique	Dr.T.Meyyappan	International Journal of engineering science and computing	2017	0	Department of Computer Science	0
Electrochemically modified crystal orientation, surface morphology and	Karupanan PeriyananGanesanab N.Anandhana V.Dharumand	Results in Physics	2017	0	Molecular Electronics Laboratory	0

optical properties using CTAB on Cu ₂ O thin films	PonnusamySami c R.Pannerselva ma T. Marimuthu				Department of Bioelectro nics and Biosensors	
Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronic s Laboratory , Department of Bioelectro nics and Biosensors	2
Onestep coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its selfhealing threedimensional nanohybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectro nics and Biosensors	3
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangoan	Journal of Solid State Electrochemis try	2018	0	Department of Bioelectro nics and Biosensors	0
Toxicity of Camellia sinensis fabricated silver nanoparticles on invertebrate and vertebrate organisms: morphological abnormalities and DNA damages	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0
LayerbyLayerAssembled AuNPsDecorated FirstGeneration	Kumarasamy Jayakumar, Maria Belén Camarada,	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectro nics and	0

Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNAHybri	Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen				Biosensors	
Deposition of transition metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Studies on electrochemical glucose sensing, antimicrobial activity and cyto toxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthangam, P.Muthukumaran and J.Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimica Acta	2017	1	Department of Bioelectronics and Biosensors	1
Effect of CTAB concentration on synthesis of	Dr.G.Ravi	AIP Conference Proceedings	2018	0	Department of Physics	0

nickel doped manganese oxide nanoparticles		1953 (1), 030167				
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
An Assessment of women faculty members opinions about information literacy needs, search and evaluation competencies	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	Alagappa University	0
Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	Alagappa University / Karaikudi. T Stanes and Company Limited, Coimbatore	0
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayananmoorthy M	Microbial Pathogenesis	2017	18	Department of Animal Health and Management	0
Green larvicides against blowflies,	Banumathi B, Vaseeharan B, Malaikozhunda	Physiological and Molecular Plant	2017	7	Department of Animal Health and	0

Lucilia sericata (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles.	n B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Pathology			Management	
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on Ceriodaphnia cornuta	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab Scylla serrata.	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0
Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in Oreochromis mossambicus	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar Vijayakumar, Caterina	Ecotoxicology and Environmental Safety	2018	0	Department of Animal Health and Management	0

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Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine based on cetyltrimethylamm onium bromide assisted SnO ₂ nanoparticles	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
Global Exponential Stability of Anti	Dr.R.Raja	International Journal of Adaptive Control and Signal Processing, 32 (6) (2018) 908	2018	0	Alagappa University	0
Analysis of Voting Using EVM System	Dr.S.S.Dhenakaran	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
Magnetic nanoparticles are highly toxic to chloroquineresistant Plasmodium falciparum, dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli	Parasitology Research	2017	14	Department of Animal Health and Management	0

	P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale					
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Role of purified β 1, 3 glucan binding protein (β GBP) from Paratelphusa hydrodromus and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	6	Department of Animal Health and Management	0
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfaces	2017	4	Department of Animal Health and Management	0
Euphorbia rothianafabricate d Ag nanoparticles showed high toxicity on Aedes aegypti larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against	Banumathi B, Vaseeharan B, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	3	Department of Animal Health and Management	0

bacteria						
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in aquaculture using marine polysaccharide coated gold nanoparticle	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N	Microbial Pathogenesis	2017	3	Department of Animal Health and Management	0
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Ecofriendly fabrication of Ag nanostructures using the seed extract of Pedalium murex, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector Aedes aegypti and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Usage of Electronic Resources among Ophthalmologists	Dr. S. Thanuskodi	Library Philosophy and Practice	2017	0	Alagappa University	0

Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Improved Agrobacterium mediated transformation and rapid regeneration in four cultivars of finger millet	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture	2017	2	Alagappa University, Ben Gurion University of Nagev, Entomology Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds	2
Phytol shows anti angiogenic activity and induces apoptosis in A549 cells by depolarizing the	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacotherapy	2018	0	Department of Biotechnology	0

mitochondrial membrane potential						
A Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro 2a cells from A β induced neurotoxicity	Sathya, S., Shanmuganathan, B., Manirathinam G., Ruckmani, K., and Devi KP	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
Gelidiellaacerosa exhibits neuroprotective effect against amyloid beta 25 35 peptide induced toxicity in PC12 cells	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	Department of Biotechnology	0
Grewiatiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	Department of Biotechnology	0
Vitexin inhibits A β 25 35 induced toxicity in Neuro 2a cells by augmenting Nrf 2/HO 1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Malar DS, Suryanarayana V, Prasanth MI, Singh SK, Balamurugan K, Devi KP	Toxicology in Vitro	2018	0	Department of Biotechnology	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Assessment of antioxidant, anticholinesterase and	Pugazhendhi A, Shafreen RB, Devi KP, Suganthi N	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0

anti-amyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7-Methyl gallic acid - An in vitro and in silico studies						
An Assessment of User Information Needs in the District Central Libraries at Tamil Nadu, India	Dr. S. Thanuskodi	Library Philosophy and Practice	2017	0	Alagappa University	0
Anti-amyloidogenic and anti-apoptotic effect of abisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayana V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	Department of Biotechnology	0
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti-quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Theoretical, biological and in silico studies of pendant-armed heteroleptic copper(II) phenolate complexes	P. Arthi, D. Mahendiran, S. Shobana, P. Srinivasan, A. Kalilur Rahiman	Journal of Molecular Structure	2018	0	Department of Animal Health and Management	0
Phyto-loaded PLGA nanoparticle as a modulator of	Sathya, S., Shanmuganathan, B.,	Artificial Cells, Nanomedicine,	2017	0	Department of Biotechnol	0

Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	and Biotechnology			ogy	
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
Gelidiellaacerosa protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	0
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Cholinesterase inhibitory, antiamyloidogenic and neuroprotective effect of the medicinal plant Grewiatiliaefolia - an in vitro and in silico study	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	6
Regulation of	Nabavi SF,	Biotechnology	2017	0	Alagappa	2

autophagy by polyphenols: paving the road for treatment of neurodegeneration	Sureda A, Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, SobarzoSánchez E, Daglia M, Braidy N, Volpicella M, Vacca RA, Nabavi SM	Advances			University	
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	Department of Biotechnology	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnology	8
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnology	1
A mini review on the chemistry and neuroprotective effects of silymarin	Devi KP, Malar DS, Braidy N, Nabavi SM and Nabavi SF	Current Drug Targets	2017	0	Department of Biotechnology	1
A New approach	Dr.T.Meyyappa	International	2018	0	Department	0

for the recognition of character from vehicle number plate Images using K nearest neighbor classifier and Enhanced Artificial Neural Network	n	Journal of Pure and Applied Mathematics			of Computer Science	
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnology	0
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast of India	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0

Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Kannappan A, Sivaranjani M, Srinivasan R, Rathna J, Pandian SK and Ravi AV	Journal of Medical Microbiology	2017	0	Department of Biotechnol ogy	0
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemia franciscana against virulent vibrios	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	2017	0	Department of Biotechnol ogy	1
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandras ekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandras ekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandras ekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnavardhini Online Multidiscipli nary Research Journal	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandras ekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0

Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption Methodologies	Dr.A.Padmapriya	Research Journal of Pharmaceutics , Biological and Chemical Sciences	2017	0	Department of Computer Science	0
A New approach for the recognition of character from vehicle number plate Images using K nearest neighbor classifier and Enhanced Artificial Neural Network	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Science	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3
Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Low energy nitrogen ion beam implanted	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of	2018	0	Department of Bioelectro	0

tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor		Chemical Engineers			Department of Bioelectronics and Biosensors	
Structural, magnetic and magnetocaloric properties of EuMnO ₃ perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Electrochemical detection of estrus specific phenolic compound p-cresol to assess	N Sudhan, C Manikkaraja, V Balasubramanian, G	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0

the reproductive phase of certain farm animals	Archunan, C Sekar					
Supported binary liposome vesicle gold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	5
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its antiquorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Vanillic acid from Actinidiadelicios a impedes virulence in Serratia marcescens by affecting S layer, flagellin and fatty acid biosynthesis proteins	Sivasamy Sethupathy, Sivagnanam Ananthi, Anthonymuthu Selvaraj, Balakrishnan Shanmuganathan, Loganathan Vigneshwari, Krishnaswamy Balamurugan, Sundarasamy Mahalingam,	Scientific Reports	2017	1	Department of Biotechnology, Laboratory of Molecular Virology and Cell Biology, Department of Biotechnology,	0

	Shunmugiah Karutha Pandian				Indian Institute of Technology Madras	
In vitro and in vivo exploration of palmitic acid from <i>Synechococcus elongatus</i> as an antibiofilm agent on the survival of <i>Artemia franciscana</i> against virulent vibrios	Sivasubramanian Santhakumari, Nizam Mohamed Nilofernisha, Jeyaraj Godfred Ponraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of Invertebrate Pathology	2017	0	Department of Biotechnology, TIL Biosciences Animal Health Division of Tablets (India) Limited,	0
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin resistant <i>Staphylococcus aureus</i>	Arunachalam Kannappan, Shanmugaraj Gowrishankar, Ramanathan Srinivasan, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Microbial Pathogenesis	2017	7	Department of Biotechnology	2
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species an in vitro and in vivo approach	Lakkakula Satish, Sivasubramanian Santhakumari, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi, Manikandan Ramesh	Environmental Science and Pollution Research	2017	5	Department of Biotechnology, Department of Biotechnology Engineering BenGurion University of Nagev Beer Sheva Israel	3
Enhanced Secure Authentication Based SEMS With Improved Security Model	Dr. T. Meyyappan	International Journal for Modern Trends in Science and Technology (MTST)	2017	0	Department of Computer Science	0
Evaluation of selected Indian	Chandran Sivasankar,	Microbial Pathogenesis	2017	1	Department of	1

medicinal plants for antagonistic potential against <i>Malassezia</i> spp. and the synergistic effect of embelin in combination with ketoconazole	Subramanian Gayathri, James Prabhanand Bhaskar, Venkat Krishnan, Shunmugiah Karutha Pandian				Biotechnology, ITC Life Sciences and Technology Centre	
Modulation of <i>Staphylococcus epidermidis</i> RP62A extracellular polymeric layer by marine cyclic dipeptide cyclo L leucyl L prolyl thwarts biofilm formation	Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian	BBA Biomembranes	2017	2	Department of Biotechnology	2
Quorum sensing mediated virulence inhibition of an opportunistic human pathogen <i>Serratia marcescens</i> from unexplored marine sediment of Palk Bay through function driven metagenomic approach	Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash Viszwapriya, Shunmugiah Karutha Pandian	Indian Journal of Experimental Biology	2017	0	Department of Biotechnology	0
Isolation of fucoidan from <i>Sargassum polycystum</i> brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinosha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelli R, Cappellacci L, Kumar S,	Environmental Science and Pollution Resaerch	2017	34	Department of Animal Health and Management	0

	Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A					
Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	10	Department of Animal Health and Management	0
Biogenesis of silver nanoparticles using selected plant leaf extract characterization and comparative analysis of their antimicrobial activity	Jothi Basu. M	Nanomed. J.	2017	0	Alagappa University / Karaikudi	2
Ecotoxicity of Musa paradisiaca leaf extract coated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmistha D, Murugan K, Benelli G	Limnologica Ecology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0
Green synthesized silver nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia cornuta Crustaceans	Ishwarya R, Vaseeharan B, Shanathi S, Benelli G	Journal of Cluster Science	2017	5	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Facile green synthesis of zinc oxide	Ishwarya R, Vaseeharan B, Kalyani S,	Journal of Photochemistry and	2018	13	Department of Animal Health and	0

nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Photobiology, B: Biology			Management	
High efficacy of (Z)γbisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yashini Prabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
Facile synthesis of SnO ₂ /αFe ₂ O ₃ nanocomposite for supercapacitor applications	Dr.G.Ravi	AIP Conference Proceedings 1953 (1), 030111	2018	0	Department of Physics	0
Ferrimagnetism in cobalt ferrite (CoFe ₂ O ₄)	Dr.G.Ravi	Nano Structures and Nano objects 14, 84	2018	0	Department of Physics	0
In vitro antagonistic activity and the protective effect of probiotic Bacillus	Giriya V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N,	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0

licheniformis Dahl in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Herrera M D V, Chen J C, Santhanam P					
Insecticidal activity of camphene, zerumbone and αhumulene from Cheilocostus speciosus rhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	Ecotoxicology and Environmental Safety	2018	2	Department of Animal Health and Management	0
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core- shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
A new global robust exponential stability criterion for H infty control of uncertain stochastic neutral type neural networks with both time varying delays	Dr.R.Raja	International Journal of Control, Automation and Systems	2017	0	Alagappa University	0
A state estimation H infty issue for discrete time stochastic impulsive genetic regulatory networks in the presence of leakage, multiple delays and	Dr. R. Raja	Journal of The Franklin Institute	2018	0	Alagappa University	0

Markovian jumping parameters						
Impulsive discrete time BAM neural networks with random parameter uncertainties and time varying leakage delays An asymptotic stability analysis	Dr.R.Raja	Nonlinear Dynamics	2018	0	Alagappa University	0
Voltammetric immunosensor for the simultaneous analysis of the breast cancer biomarkers CA 15 3 and HER2 ECD	Viswanathan Subramanian	Sensors and Actuators B Chemical	2018	3	Department of Industrial Chemistry	3
Physicochemical and Microbiological Changes During Drying of Wolf Herring (Chirocentrus dorab) and Coastal Trevally (Carangoides coeruleopinnatus)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Robust finite	Dr.R.Raja	Applied Mathematics and Computation	2018	0	Alagappa University	0
Enhanced result on stability analysis of randomly occurring uncertain parameters, leakage and impulsive BAM neural networks with time	Dr.R.Raja	International Journal of Adaptive Control and Signal Processing	2018	0	Alagappa University	0
Exponential Stability of Discrete time Cellular BAM Neural Networks with Variable delays using	Dr. R. Raja	Applied Mathematics and Information Sciences, 12 (3) (2018) 545	2018	0	Alagappa University	0

Halanay						
Split Domination number of a congruent Dominating Graphs	Dr. S. Amutha	International Journal of Pure and Applied Mathematics (Volume 119, No.12, May 2018, ISSN: 1314	2018	0	Alagappa University	0
Bounds for Lamda Domination Number Gamma Lamda of G of a Graph	Dr. S. Amutha	Journal of Computational Mathematica(V ol.1(2), November 2017, ISSN:2456	2017	0	Alagappa University	0
Synthesis of chitosanalginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Biopolymer gelatincoated zinc oxide nanoparticles showed high antibacterial, antibiofilm and antiangiogenic activity	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology	2018	8	Department of Animal Health and Management	0
Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0
Web Digging strategies for Extraction of	Dr.T.Meyyappa n	International Journal for Modern Trends	2017	0	Department of Computer	0

News		in Science and Technology (MTST)			Science	
Dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dahb1 improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against <i>Aeromonas hydrophila</i> in tilapia <i>Oreochromis mossambicus</i>	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	5	Department of Animal Health and Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0
Voltammetric immunosensor for the simultaneous analysis of the breast cancer biomarkers CA 153 and HER2 ECD	Viswanathan Subramanian	Sensors and Actuators B Chemical	2018	3	Department of Industrial Chemistry	3
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant <i>Staphylococcus aureus</i>	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnology	0

Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast of India	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio paraholyticusaem	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Journal of Medical Mycology [Elsevier, France]	2018	1	Department of Biotechnology	1
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M., Gowrishankar, S., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemiafranciscana against virulent vibrios	Sivasubramani an Santhakumari, Nizam Mohamed Nilofernisha, JeyarajGodfre d Ponraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of Invertebrate Pathology	2017	0	Department of Biotechnology, TIL Biosciences Animal Health Division of Tablets (India) Limited,	0

Antibiofilm activity of Vetiveriazizanioides root extract against methicillin resistant Staphylococcus aureus	Arunachalam Kannappan, Shanmugaraj Gowrishankar, Ramanathan Srinivasan, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Microbial Pathogenesis	2017	7	Department of Biotechnology	2
Rapid biosynthesized AgNPs from Gelidiellaacerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species an in vitro and in vivo approach	Lakkakula Satish, Sivasubramanian Santhakumari, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi, Manikandan Ramesh	Environmental Science and Pollution Research	2017	5	Department of Biotechnology, Department of Biotechnology Engineering BenGurion University of NagevBeer ShevaIsrael	3
Evaluation of selected Indian medicinal plants for antagonistic potential against Malassezia spp. and the synergistic effect of embelin in combination with ketoconazole	Chandran Sivasankar, Subramanian Gayathri, James Prabhanand Bhaskar, Venkat Krishnan, Shunmugiah Karutha Pandian	Microbial Pathogenesis	2017	1	Department of Biotechnology, ITC Life Sciences and Technology Centre	1
Modulation of Staphylococcus epidermidis RP62A extracellular polymeric layer by marine cyclic dipeptide cyclo L leucyl L prolyl thwarts biofilm formation	Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian	BBA Biomembranes	2017	2	Department of Biotechnology	2
Quorum sensing mediated virulence inhibition of an opportunistic	Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash	Indian Journal of Experimental Biology	2017	0	Department of Biotechnology	0

human pathogen <i>Serratia marcescens</i> from unexplored marine sediment of Palk Bay through function driven metagenomic approach	Viszwapriya, Shunmugiah Karutha Pandian					
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Whether Government intervention and Vocational training increases Education and Employment	Dr. M. Mullai	International Journal of Pure and Applied Mathematics, Vol. 118(10), 435	2018	0	Alagappa University	0
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant <i>Staphylococcus aureus</i>	Durairajan Rubini, Sanauilla FarisaBanu, B. Narayanan Veda Hari, DuraiRamya Devi, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Paramasivam Nithyanand	Food and Chemical Toxicology	2018	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases, School of Chemical and Biotechnology, SASTRA Deemed University, School of Chemical and	0

					Biotechnology, SASTRA Deemed University / Department of Biotechnology	
Encryption and Decryption of color images using visual cryptography	Dr.T.Meyyappa n	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Science	0
A New approach for the recognition of character from vehicle number plate Images using K nearest neighbor classifier and Enhanced Artificial Neural Network	Dr.T.Meyyappa n	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Science	0
Neutrosophic EOQ Model with Price Break	Dr. M. Mullai	Neutrosophic Sets and Systems, Vol. 19: 24	2018	0	Alagappa University	0
Image Encryption and decryption using Shifting Technique	Dr.T.Meyyappa n	International Journal of engineering science and computing	2017	0	Department of Computer Science	0
Effect of EVM in the Assembly Elections of Tamil Nadu	Dr.S.S.Dhenak aran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Adoption of Crypto Encryption Techniques in Different Scenarios	Dr.S.S.Dhenak aran	International Journal of Advanced Research in Computer Science and Management Studies	2017	0	Department of Computer Science	0
Data Protection in Manet using Symmetric and Asymmetric Approaches	Dr.S.S.Dhenak aran	Australian Journal of Basic and Applied Sciences	2017	0	Department of Computer Science	0

New Approach for Reducing the Size of Ciphertext	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
New Approach for Text Based Image Compression	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Linguistic Schemes Encoding Text Message	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Hamiltonian Approach for Finding Shortest Path	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Information Extraction and Prediction Using Partial Keyword Combination and Blends Measure	Dr.A.Padmapriya	IETE Journal of Research	2017	0	Department of Computer Science	0
Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud	Dr.A.Padmapriya	Australian Journal of Basic and Applied Science	2017	105	Department of Computer Science	0
Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption Methodologies	Dr.A.Padmapriya	Research Journal of Pharmaceutics , Biological and Chemical Sciences	2017	0	Department of Computer Science	0
Security Issues involved in sharing of Healthcare	Dr.A.Padmapriya	International Journal of Engineering and	2017	0	Department of Computer Science	0

Informations Through Cloud Storage		Technology (IJET)				
Term Based Weight Measure for Information Filtering in Search Engines	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2018	0	Department of Computer Science	0
Study and Analysis of Infrequent Behavior Patterns in Business Process Event Logs	Dr.S.Santhosh kumar	International Journal of Computer Science and Mobile Computing	2018	0	Department of Computer Science	0
Study and Analysis of Influential Node Tracking in Social Networks	Dr.S.Santhosh kumar	International Research Journal of Engineering and Technology (IRJET)	2018	0	Department of Computer Science	0
A Study of Data Mining Techniques for Auto Immune Diseases	Dr.S.Santhosh kumar	International Journal of Pure and Applied Mathematics	2018	15	Department of Computer Science	0
A Simple Data Mining Model for Heart Disease Prediction	Dr.S.Santhosh kumar	Journal of Global Pharma Technology	2018	0	Department of Computer Science	0
A study of stress caused by social interactions in social networks	Dr.S.Santhosh kumar	International Journal of Computer Engineering and Applications	2018	0	Department of Computer Science	0
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through ubiquitination	Loganathan Vigneshwari, BoopathiBalasubramaniam, Sivasamy Sethupathy, Shunmugiah Karutha Pandian and Krishnaswamy Balamurugan	RSC Advances	2018	0	Department of Biotechnology	0
A study on Renewable Power Generation in	Dr.S.S.Dhenakaran	International Journal for Modern Trends	2017	0	Department of Computer	0

India		in Science and Technology			Science	
Adoption of Crypto Encryption Techniques in Different Scenarios	Dr.S.S.Dhenakaran	International Journal of Advanced Research in Computer Science and Management Studies	2017	0	Department of Computer Science	0
Data Protection in Manet using Symmetric and Asymmetric Approaches	Dr.S.S.Dhenakaran	Australian Journal of Basic and Applied Sciences	2017	0	Department of Computer Science	0
A Study of Data Mining Techniques for Auto Immune Diseases	Dr.S.Santhoshkumar	International Journal of Pure and Applied Mathematics	2018	15	Department of Computer Science	0
New Approach for Reducing the Size of Ciphertext	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
New Approach for Text Based Image Compression	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Linguistic Schemes Encoding Text Message	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through ubiquitination	Loganathan Vigneshwari, BoopathiBalasubramaniam, Sivasamy Sethupathy, Shunmugiah Karutha Pandian and Krishnaswamy Balamurugan	RSC Advances	2018	0	Department of Biotechnology	0
Hamiltonian Approach for	Dr.S.S.Dhenakaran	International Journal	2018	0	Department of	0

Finding Shortest Path		Scientific Research in Science and Technology			Computer Science	
Information Extraction and Prediction Using Partial Keyword Combination and Blends Measure	Dr.A.Padmapriya	IETE Journal of Research	2017	0	Department of Computer Science	0
Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud	Dr.A.Padmapriya	Australian Journal of Basic and Applied Science	2017	105	Department of Computer Science	0
Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption Methodologies	Dr.A.Padmapriya	Research Journal of Pharmaceutics , Biological and Chemical Sciences	2017	0	Department of Computer Science	0
Security Issues involved in sharing of Healthcare Informations Through Cloud Storage	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2017	0	Department of Computer Science	0
Term Based Weight Measure for Information Filtering in Search Engines	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2018	0	Department of Computer Science	0
Study and Analysis of Infrequent Behavior Patterns in Business Process Event Logs	Dr.S.Santhosh kumar	International Journal of Computer Science and Mobile Computing	2018	0	Department of Computer Science	0
Study and Analysis of Influential Node Tracking in	Dr.S.Santhosh kumar	International Research Journal of Engineering	2018	0	Department of Computer Science	0

Social Networks		and Technology (IRJET)				
A Study of Data Mining Techniques for Auto Immune Diseases	Dr.S.Santhosh kumar	International Journal of Pure and Applied Mathematics	2018	15	Department of Computer Science	0
A Simple Data Mining Model for Heart Disease Prediction	Dr.S.Santhosh kumar	Journal of Global Pharma Technology	2018	0	Department of Computer Science	0
A study of stress caused by social interactions in social networks	Dr.S.Santhosh kumar	International Journal of Computer Engineering and Applications	2018	0	Department of Computer Science	0
The metabolic profile of essential oils and assessment of anti urease activity of ESI mass spectrometry of Salvia officinalisL	Sheriff.T.S. Hassan, Emil S vajdlenka, Kannan R.R.Rengasamy, Radka Melicharkova, Shunmugiah KaruthaPandian	South African Journal of Botany	2018	0	Department of Biotechnology	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio parahaemolyticus.	Sanaulla FarisaBanu, Durairajan Rubini, Ramar Murugan, Vellingiri Vadivel, Shanmugaraj Gowrishankar, Shunmugiah KaruthaPandian, Paramasivam Nithyanand	LWT Food Science and Technology	2018	0	Department of Biotechnology	0
An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against Vibrio Cholerae O1	MuruganRajalaxmi, RajamohamedBemaShafree, KaruppiachChithiraiselvi, Shunmugiah Karutha Pandian	Molecular and Cellular Probes	2018	1	Department of Biotechnology	1
Studies on Stress Protein Produced	Vinotha.V, Biruntha. M	Indian Journal of	2017	0	Department of Animal	0

by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress		Natural Sciences			Health and Management	
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	S FarisaBanua, D.Rubini, P.Shanmugavelan , R.Murugan, S.Gowrishankar, S.Karutha Pandian, P.Nithyanand	Journal de Mycologie Medicale	2018	1	Department of Biotechnology	1
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Ramanathan Shalini, Arunachalam K, Chandran S, Selvaraj R, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology, Science Campus	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Ravindran D, Ramanathan S, Arunachalam K, Jeyaraj GP, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Global exponential stability of Markovian jumping stochastic	Dr.G.Ravi	Adv Differ Equ. 2018	2018	0	Department of Physics	0

impulsive uncertain BAM neural networks with leakage, mixed time delays, and α						
Onestep coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its selfhealing threedimensional nano hybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3
Layer by Layer Assembled AuNPs Decorated First Generation Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNA Hybrid	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectronics and Biosensors	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Ramanathan Srinivasan, Ramar Mohankumar, Arunachalam Kannappan, Veeramani Karthick Raja, Govindaraju Archunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam	Frontiers in Cellular and Infection Microbiology	2018	4	Department of Biotechnology, 2) Department of Pharmaceutical Technology, National Facility for Drug Development for Academia, Pharmaceutical and	3

	Veera Ravi				Allied Industries / Bharathidasan Institute of Technology / Anna University / Tiruchirappalli, 3) Department	
Biocompatible properties of nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
Synthesis of TiO ₂ nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Temperature dependent physicochemical properties of magnesium ferrites (MgFe ₂ O ₄)	Dr.G.Ravi	Applied Physics A 124 (4), 319	2018	0	Department of Physics	0
Bioprospecting of coral (Porites lutea) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
Exploring multi potential uses of	K.Mohanrasu, N.Premnath,	Journal of Photochemistr	2018	0	Department of Energy	0

marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	y and Photobiology B: Biology			Science, Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	
Green synthesized silver nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia corunta Crustaceans	Ishwarya R, Vaseeharan B, Shanthi S, Benelli G	Journal of Cluster Science	2017	5	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical	0

					Research Institute, New Harbour Area, Tuticorin, Green Processing / Bioremediation and Alternative Energies R	
Deposition of transition metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Effects of turmeric (Curcuma longa) on shelf life extension and biogenic amine control of cuttlefish (Sepia brevimana) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTAJournal of Food	2017	0	Alagappa University	1
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
Stable and Flexible Weight based clustering algorithm in mobile Ad hoc networks	Dr.V.Palanisamy	International Journal of Computer Science and Information Technologies	2017	6	Alagappa University	6
Changes on biogenic, volatile amines and microbial quality of the	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel	Journal of Food Science and Technology	2017	0	Alagappa University	3

blue swimmer crab (Portunus pelagicus) muscle during storage	Rameshthangam and Mohamed A Rabie					
Facile synthesis of quantum sized Co3O4 nanostructures and their magnetic properties	Dr. G. Ravi	Nano	2018	0	Department of Physics	0
Physicochemical and Microbiological Changes During Drying of Wolf Herring (Chirocentrus dorab) and Coastal Trevally (Carangoides coeruleopinnatus)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Ríos Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Faunistic studies on Macrozooplankton at Sundarapandianpattinam and Manamelkudi, Both	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0

locations along Palk strait, Tamil Nadu, India						
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research Journal	2017	0	Alagappa Institute of Management	0
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Worrisome Trends and Issues of	Dr. S. Rajamohan	GALAXY International	2018	0	Alagappa Institute	0

Agriculture in Tamil Nadu		Interdisciplinary Research Journal			of Management	
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Electrochemically active XWO4 (X Co, Cu, Mn, Zn nanostructure for ware splitting applications	Dr.G.Ravi	Applied Nanoscience	2018	0	Department of Physics	0
Zinc oxide nanotips growth by controlling vapor deposition on substrates	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (8), 6149	2018	0	Department of Physics	0
Selected morphological, Structural and Optical properties of Cu2O thin films at elevated annealing temperatures	Dr.N.Anandhan	Int. J of Adv. Engg. and Res. Devent	2018	0	Department of Physics	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against Serratia marcescens associated acute pyelonephritis infection in	Ramanathan Srinivasan, Ramar Mohankumar, Arunachalam Kannappan, Veeramani Karthick Raja, Govindaraju Archunan,	Frontiers in Cellular and Infection Microbiology	2018	4	Department of Biotechnology, 2) Department of Pharmaceutical Technology, National Facility	3

Wistar rats	Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi				for Drug Development for Academia, Pharmaceutical and Allied Industries / Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, 3) Department	
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0

nosocomial pathogen Acinetobacter baumannii						
Role of purified β 1, 3 glucan binding protein (β GBP) from <i>Paratetrahymena</i> and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	6	Department of Animal Health and Management	0
In vitro and in vivo effect of 2, 6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i> spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	Department of Biotechnology	0
Inhibition of quorum sensing mediated virulence in <i>Serratia marcescens</i> by <i>Bacillus subtilis</i> R 18	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	Department of Biotechnology	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from <i>Scylla serrate</i> crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	Department of Biotechnology	0

In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Kannappan A, Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Pathogens and Disease	2018	0	Department of Biotechnology	0
Analysis of population structure and genetic diversity in an exotic germplasm collection of Eleusine coracana L Gaertn using genic SSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P Ramesh M	Gene Elsevier, USA	2018	1	Alagappa University	1
Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity R ISSR	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science China National Rice Research Institute, Hangzhou, Elsevier	2018	0	Alagappa University	0
Genome wide identification of major transcription factor superfamilies in rice identifies key candidates involved in abiotic stress dynamism	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R and Ramesh M	Journal of Plant Biochemistry and Biotechnology Springer, India	2018	0	Alagappa University, T Stanes and Company Ltd. Coimbatore, Panjab University	0
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
In vitro and in vivo effect of 2, 6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	Department of Biotechnology	0

Inhibition of quorum sensing mediated virulence in <i>Serratia marcescens</i> by <i>Bacillus subtilis</i> R 18	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	Department of Biotechnology	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	Department of Biotechnology	0
In vivo protective effect of geraniol on colonization of <i>Staphylococcus epidermidis</i> in rat jugular vein catheter model	Kannappan A, Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Pathogens and Disease	2018	0	Department of Biotechnology	0
Analysis of population structure and genetic diversity in an exotic germplasm collection of <i>Eleusine coracana</i> L Gaertn using genic SSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P Ramesh M	Gene Elsevier, USA	2018	1	Alagappa University	1
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
Sprouted sorghum extract elicits coleoptile in <i>indica</i> rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity R ISSR	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science China National Rice Research Institute, Hangzhou, Elsevier	2018	0	Alagappa University	0
Genome wide identification of major transcription factor superfamilies in	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R	Journal of Plant Biochemistry and Biotechnology Springer,	2018	0	Alagappa University, T Stanes and Company Ltd.	0

rice identifies key candidates involved in abiotic stress dynamism	and Ramesh M	India			Coimbatore , Panjab University	
A Study of Data Mining Techniques for Auto Immune Diseases	Dr.S.Santhosh kumar	International Journal of Pure and Applied Mathematics	2018	15	Department of Computer Science	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
A Simple Data Mining Model for Heart Disease Prediction	Dr.S.Santhosh kumar	Journal of Global Pharma Technology	2018	0	Department of Computer Science	0
Spermidine sprays alleviate the water deficitinduced oxidative stress in finger millet Eleusine coracana L Gaertn plants	Satish L, Rency AS and Ramesh M	3 Biotech Springer, India	2018	0	Alagappa University , Ben Gurion University of Negev, The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev	0
In vitro propagation and conservation of useful endangered medicinal plants with anticancer activity	Rameshkumar R, Rathinapriya P, Satish L, Pandian S, Rency AS and Ramesh M	Journal of Molecular Biology and Biotechnology MedPub Journals, USA	2017	3	Alagappa University	3
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Ravi AV, Pandian SK and Ramesh M	Environmental Science and Pollution Research	2017	6	Alagappa University , Karaikudi, Ben Gurion University of Nagev, Beer Sheva	6
A Study on Fuzzy	Dr. J. Vimala	Journal of	2017	0	Alagappa	0

soft Cardinality in lattice ordered Fuzzy soft group and Its Application In Decision Making Problems		Intelligent and Fuzzy Systems			University	
An Amazing nutritional Value in Wonderful Finger Millet Makes This The Most Lovable Food Crop to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	Alagappa University, Karaikudi, Pondicherry University, Puducherry	0
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	Alagappa University	0
Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	Alagappa University, Karaikudi. T Stanes and Company Limited, Coimbatore	0
Improved Agrobacterium mediated transformation and rapid regeneration in four cultivars of finger millet	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture	2017	2	Alagappa University, Ben Gurion University of Nagev, Entomology Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological	2

					Sciences, University of Leeds	
Phytol shows anti angiogenic activity and induces apoptosis in A549 cells by depolarizing the mitochondrial membrane potential	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacothera PY	2018	0	Department of Biotechnol ogy	0
A Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro 2a cells from A β induced neurotoxicity	Sathya, S., Shanmuganatha n, B., Manirathinam G., Ruckmani, K., and Devi KP	Journal of Molecular Liquids	2018	0	Department of Biotechnol ogy	0
Gelidiellaacerosa exhibits neuroprotective effect against amyloid beta 25 35 peptide induced toxicity in PC12 cells	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	Department of Biotechnol ogy	0
Grewiatiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	Department of Biotechnol ogy	0
Vitexin inhibits A β 25 35 induced toxicity in Neuro 2a cells by augmenting Nrf 2/HO 1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Malar DS, Suryanarayana n V, Prasanth MI, Singh SK, Balamurugan K, Devi KP	Toxicology in Vitro	2018	0	Department of Biotechnol ogy	0

Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7Methyl gallic acid - An in vitro and in silico studies	Pugazhendhi A, Shafreen RB, Devi KP, Suganthy N	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
A Simple Data Mining Model for Heart Disease Prediction	Dr.S.Santhosh kumar	Journal of Global Pharma Technology	2018	0	Department of Computer Science	0
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Rajavel T, Packiyaraj P, Suryanarayana V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	Department of Biotechnology	1
Anti amyloidogenic and antiapoptotic effect of α bisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayana V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	Department of Biotechnology	0
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Exploring multi potential uses of	K.Mohanrasu, N.Premnath,	Journal of Photochemistr	2018	0	Department of Energy	0

marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	y and Photobiology B: Biology			Science, Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research Journal	2017	0	Alagappa Institute of Management	0
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New Harbour Area, Tuticorin,	0

					Green Processing / Bioremediation and Alternative Energies R	
Effects of turmeric (<i>Curcuma longa</i>) on shelf life extension and biogenic amine control of cuttlefish (<i>Sepia brevimana</i>) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTAJournal of Food	2017	0	Alagappa University	1
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (<i>Portunus pelagicus</i>) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	Alagappa University	3
Green synthesized silver nanoparticles demonstrating enhanced in vitro and in vivo antibiofilm activity against <i>Candida</i> spp.	Subramanian Muthamil, Vivekanandham Amsa Devi, Boopathi Balasubramani am, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Journal of Basic Microbiology	2018	0	Department of Biotechnology	0
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0

on immune response disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophila</i>	P					
Vanillic acid from <i>Actinidiadelicios a</i> impedes virulence in <i>Serratia marcescens</i> by affecting S layer, flagellin and fatty acid biosynthesis proteins	Sivasamy Sethupathy, Sivagnanam Ananthi, Anthonyimuthu Selvaraj, Balakrishnan Shanmuganathan, Loganathan Vigneshwari, Krishnaswamy Balamurugan, Sundarasamy Mahalingam, Shunmugiah Karutha Pandian	Scientific Reports	2017	1	Department of Biotechnology, Laboratory of Molecular Virology and Cell Biology, Department of Biotechnology, Indian Institute of Technology Madras	0
Pixel Based Phenology Method for Satellite Image Environment Classification Supervised Approach	Dr.E.Ramaraj	International Journal of Advance Research in Computer Science	2018	0	Department of Computer Science	0
Band Value Based Reflective Image Classification Method to Classify the Satellite Image Environment	Dr.E.Ramaraj	International Journal of Engineering and Technology	2018	0	Department of Computer Science	0
Privacy Preserving Public Auditing for Secure Cloud Storage	Dr.E.Ramaraj	International Journal of Knowledge Based Computer Systems	2018	0	Department of Computer Science	0
Efficient Satellite Image Segmentation Using Energetic SOM	Dr.E.Ramaraj	International Journal Of Innovative Science And Research Technology	2017	0	Department of Computer Science	0
An Enhancement	Dr.E.Ramaraj	International	2017	0	Department	0

Review On Image Segmentation Methods		Journal of Advance Research			of Computer Science	
An Efficient Approach In Image Segmentation Based On Energetic Self Organization Map	Dr.E.Ramaraaj	International Journal For Research In Engineering Application And Management	2017	0	Department of Computer Science	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab Portunus pelagicus and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Computational drug discovery: An avenue for targeting the proteinprotein interaction between HIV1 integrase and LEDGF/p75	Dr. Sanjeev Kumar Singh	Journal of Proteins and Proteomics	2018	0	Department of Bioinformatics	0
Tannic acid Attenuates TGFβ1induced Epithelialto mesenchymal Transition by Effectively Intervening TGFβ Signaling in Lung Epithelial Cells	Dr. M.Karthikeyan	J Cell Physiol	2017	5	Department of Bioinformatics	0
Recent scenario of human resource management issues in corporate	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0

hospitals						
Computational and in vitro insights on snake venom phospholipase A2 inhibitor of phytocompound ikshusterol3Oglucoside of Clematis gouriana Roxb. ex DC	Dr. M.Karthikeyan	J Biomol Struct Dyn	2017	0	Department of Bioinformatics	0
Genderspecific Association of ATP2B1 (Rs2681472) Gene Polymorphism with Essential Hypertension in South Indian Population	Dr. M.Karthikeyan	Int J Hum Genet.	2018	0	Department of Bioinformatics	0
Vitamin D Receptor (VDR) nonsynonymous Single Nucleotide Polymorphisms (nsSNPs) affect the Calcitriol Drug Response a theoretical Insight	Dr. M.Karthikeyan	J Mol Graph Model.	2018	0	Department of Bioinformatics	0
Design, synthesis and characterization of α , β unsaturated carboxylic acid and its urea based derivatives that explores novel epigenetic modulators in human nonsmall lung cancer A549 cell line	Dr. M.Karthikeyan	J Cell Physiol	2018	0	Department of Bioinformatics	0
Association of SH2B3 (rs3184504) polymorphism in essential hypertensive patients in south Indian population	Dr. M.Karthikeyan	Int. J. Life Sci.	2018	0	Department of Bioinformatics	0
5 hydroxymethyl 2 furaldehyde from	Ganapathy AshwinkumarSu	Microbiological Research	2017	2	Department of	1

marine bacterium Bacillus subtilis inhibits biofilm and virulence of Candida albicans	bramenium, Thirukannamagai Krishnan Swetha, Prasanth Mani Iyer, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian				Biotechnology	
Electrochemical detection of estrus specific phenolic compound pcesrol to assess the reproductive phase of certain farm animals	N Sudhan, C Manikkaraja, V Balasubramanian, G Archunan, C Sekar	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemiafranciscana against virulent vibrios	Sivasubramanian Santhakumari, Nizam Mohamed Nilofernisha, JeyarajGodfred Ponraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of Invertebrate Pathology	2017	0	Department of Biotechnology, TIL Biosciences Animal Health Division of Tablets (India) Limited,	0
Antibiofilm activity of Vetiveriazizanioides root extract against methicillin resistant Staphylococcus aureus	Arunachalam Kannappan, Shanmugaraj Gowrishankar, Ramanathan Srinivasan, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Microbial Pathogenesis	2017	7	Department of Biotechnology	2
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Spermidine sprays	Satish L,	3 Biotech	2018	0	Alagappa	0

alleviate the water deficit induced oxidative stress in finger millet <i>Eleusine coracana</i> L Gaertn plants	Rency AS and Ramesh M	Springer, India			University, Ben Gurion University of Negev, The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev	
In vitro propagation and conservation of useful endangered medicinal plants with anticancer activity	Rameshkumar R, Rathinapriya P, Satish L, Pandian S, Rency AS and Ramesh M	Journal of Molecular Biology and Biotechnology MedPub Journals, USA	2017	3	Alagappa University	3
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Ravi AV, Pandian SK and Ramesh M	Environmental Science and Pollution Research	2017	6	Alagappa University, Karaikudi, Ben Gurion University of Nagev, Beer Sheva	6
An Amazing nutritional Value in Wonderful Finger Millet Makes This The Most Lovable Food Crop to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	Alagappa University, Karaikudi, Pondicherry University, Puducherry	0
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	Alagappa University	0
Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	Alagappa University, Karaikudi. T Stanes	0

					and Company Limited, Coimbatore	
Improved Agrobacterium mediated transformation and rapid regeneration in four cultivars of finger millet	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture	2017	2	Alagappa University, Ben Gurion University of Nagev, Entomology Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds	2
Phytol shows anti angiogenic activity and induces apoptosis in A549 cells by depolarizing the mitochondrial membrane potential	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacotherapy	2018	0	Department of Biotechnology	0
A Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro 2a cells from A β induced neurotoxicity	Sathya, S., Shanmuganathan, B., Manirathinam G., Ruckmani, K., and Devi KP	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
Gelidiellaacerosa exhibits neuroprotective effect against amyloid beta 25	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	Department of Biotechnology	0

35 peptide induced toxicity in PC12 cells						
Grewiatiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	Department of Biotechnology	0
Hybrid cryptography by the implementation of RSA and AES	Dr.V.Palanisamy	International Journal of current research	2017	6	Alagappa University	6
Vitexin inhibits A β 25 35 induced toxicity in Neuro 2a cells by augmenting Nrf 2/HO 1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Malar DS, Suryanarayanan V, Prasanth MI, Singh SK, Balamurugan K, Devi KP	Toxicology in Vitro	2018	0	Department of Biotechnology	0
Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7Methyl gallic acid - An in vitro and in silico studies	Pugazhendhi A, Shafreen RB, Devi KP, Suganthi N	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial	Rajavel T, Packiyaraj P, Suryanarayanan V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	Department of Biotechnology	1

dysregulation and p53 activation						
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Role of Co doping on structural, morphological and magnetic properties of SILAR deposited magnetite (Fe ₃ O ₄) thin films	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (3), 2484	2018	0	Department of Physics	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Unit Root Test of Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0

and Employment in Pre and Post Reform period in India						
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambedkar: Chief of Architect of Making Modern India, Alagappa University	2018	0	Alagappa Institute of Management	0
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Biomining drugs from the sea: high antibiofilm properties of haemocyanin	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V,	Aquaculture	2018	3	Department of Animal Health and Management	0

purified from the haemolymph of flower crab Portunus pelagicus (L.) (Decapoda: Portunidae)	Govindarajan M, Alharbi N S, Khaled J M, Al anbr M N, Benelli G					
Role of Corporate Social Responsibilities An Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Kannappan A, Sivaranjani M, Srinivasan R, Rathna J, Pandian SK and Ravi AV	Journal of Medical Microbiology	2017	0	Department of Biotechnology	0
Structural, optical and magnetic properties of CuFe ₂ O ₄ nanoparticles	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (3), 1975	2018	0	Department of Physics	0

Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
Functional Characterization of Probiotic Potential of Novel Pigmented Bacterial Strains for Aquaculture Applications. Probiotics and Antimicrobial Proteins	S Jinendiran, B Seenivasan, S Natesan, G Selvakumar	Probiotics and Antimicrobial Proteins	2017	0	Alagappa University, Karaikudi	0
Evaluation of growth performance of Penaeus monodon (Fabricius) fed diet with partial replacement of fishmeal by Spirulina platensis meal	Natesan Sivakumar, Muthuraman Sundararaman and Gopal Selvakumar	Indian Journal of Animal Research	2017	0	Alagappa University, Karaikudi	0
Electrochemical characterization of FeMnO ₃ microspheres as potential material for energy storage applications	Dr.G.Ravi	Materials Research Express 5 (1), 015504	2018	0	Department of Physics	0
Surfactant assisted zinc doped tin oxide nanoparticles for supercapacitor applications	Dr.G.Ravi	Journal of Sol Gel Science and Technology, 1 to 15	2018	0	Department of Physics	0
Pure and alkaline metal ion (Mg, Ca, Sr, Ba) doped cerium oxide nanostructures for photo degradation of methylene blue	Dr.G.Ravi	Materials Research Bulletin 97, 319	2018	0	Department of Physics	0
Biological synthesis of silver nanoparticles using β 1, 3	Dr.K.Sankaran arayanan	Microbial pathogenesis 115, 31	2018	0	Department of Physics	0

glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential						
Electrochemical, microstructural, compositional and optical characterization of copper oxide and copper sulfide thin films	Dr.K.Sankaran arayanan	Journal of Materials Science: Materials in Electronics, 1	2018	0	Department of Physics	0
Polyol technique synthesis of Nb ₂ O ₅ coated on LiFePO ₄ cathode materials for Li ion storage	Dr.M.Sivakumar Dr.R.Subadevi	Ionics 24 (4), 989	2018	0	Department of Physics	0
Synthesis of TiO ₂ Nanofiber for Photocatalytic and Antibacterial Applications	Dr.S.Karuppuchamy	Journal of Material Science Material Electron	2017	2	Department of Energy Science	0
Facile Synthesis and Characterization of ZrO ₂ Nanoparticles via Modified Co Precipitation Method	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 368	2018	0	Department of Physics	0
Carbon Wrapping Effect on Sulfur/Polyacrylonitrile Composite Cathode Materials for Lithium Sulfur Batteries	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 121	2018	0	Department of Physics	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
Intellectual Property Rights and Entrepreneurial Culture - Some reflections	Dr.V.Balachandran	International Journal of Advanced Research in Management and Social Sciences	2017	0	Department of Corporate Secretaryship	0

Ancient Hinder Scriptural : Harbingers of Contemporary Economics and Law	Dr.V.Balachandran	The Souvenir of 45st National Conversion Thiruvananthapuram	2017	0	Department of Corporate Secretaryship	0
SEBI Rules and Regulations of Mutual Fund in India - A study	Dr.V.Balachandran	International Journal of Advanced Research in Management and Social Sciences	2017	0	Department of Corporate Secretaryship	0
Need to know about Trade mark Registration by Young Entrepreneurs	Dr.V.Balachandran	International Journal of Advanced Research in Management and Social Sciences	2018	0	Department of Corporate Secretaryship	0
Prospective assessment of the Enterobacter aerogenes PP002 in decolorization and degradation of azo dyes DB 71 and DG 28	M Sudha, G Bakiyaraj, A Saranya, N Sivakumar, G Selvakumar	Journal of environmental chemical engineering	2018	1	Alagappa University, Karaikudi	1
Efficacy of Enzymatic Transesterification of Chlorococccum sp. Algal Oils for Biodiesel Production	Pandian Prabakaran, Virumandi Pradeepa, Gopal Selvakumar, David Ravindran	Waste and Biomass valorization	2018	0	Alagappa University, Karaikudi	0
Structural studies of a hyperthermophilic thymidylate kinase enzyme reveal conformational substates along the reaction coordinate	Dr. J. Jeyakanthan	FEBS Journal	2017	1	Department of Bioinformatics	0
Physicochemical and microbiological changes during drying of Wolf Herring (Chirocentrus	Dr. P. Rameshthangam	Journal of Aquatic Food Product Technology	2017	0	Alagappa University Alagappa University	0

dorab) and Coastal Trevally (Carangoides coeruleopinnatus						
Green synthesized nickel nanoparticles for targeted detection and killing of S. typhimurium	Dr. P. Rameshthangam	Journal of Photochemistry and Photobiology B: Biology 174:5869 [Elsevier, Netherlands]	2017	0	Alagappa University Alagappa University	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Anticancer effect of chitin encapsulated silver and copper nanocomposites against breast cancer (MCF7) cells	Dr. P. Rameshthangam	International Journal of Biological Macromolecules 105(1):608619 [Elsevier, Netherlands]	2017	3	Alagappa University	0
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle during storage	Dr. P. Rameshthangam	Journal of Food Science and Technology [DOI: 10.1007/s1319701726945] [Springer, United States]	2017	1	Alagappa University	0
Studies on optoelectronic properties of magnetron Sputtered cadmium stannate (Cd ₂ SnO ₄) thin films as alternative TCO materials for solar cell applications	Dr.G.Ravi	Ceramics International 44 (2), 2529	2018	0	Department of Physics	0
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0

nanoparticles.						
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	2
Synthesis and distribution of bioinspired silver nanoparticles using spirulina extract for control of Vibrio parahaemolyticus infection in aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	1	Department of Animal Health and Management	0
Sargassum wightiisynthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	5	Department of Animal Health and Management	0
Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthangam, P.Muthukumaran and J.Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3
Therapeutic effects of gold nanoparticles	Vijayakumar S, Vaseeharan B,	Microbial Pathogenesis	2017	18	Department of Animal Health and	0

synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayan amoorthy M				Management	
Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles.	Banumathi B, Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	7	Department of Animal Health and Management	0
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on Ceriodaphnia cornuta	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Likelihood of confusion in Trademark law of India and US - A comparative study	Dr.V.Balachandran	International journal of Trade and Global Business Perspectives (Pezzottaite Journals)	2018	0	Department of Corporate Secretaryship	0
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T,	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0

crab <i>Scylla serrata</i> .	Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G					
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0
Surfactant effect on synthesis and electrochemical properties of nickel doped magnesium oxide (Ni MgO) for supercapacitor applications	Dr. R. Yuvakkumar	Applied Physics A 123 (11), 697	2018	0	Department of Physics	0
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO nanoparticles.	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0
In vitro and in vivo effect of 2,6Ditertbutyl4methylphenol as an antibiofilm agent against quorum sensing mediated	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0

biofilm formation of Vibrio	Pandian S, Veera Ravi A					
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
In silico identification and screening of CYP24A1 inhibitors: 3D QSAR pharmacophore mapping and molecular dynamics analysis	Dr. M.Karthikeyan	J Biomol Struct Dyn	2018	0	Department of Bioinformatics	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2
Active Database System Approach and Rule Based in the Development of Academic Information System	M.Miftakul Amin, AndinoMaseleno, K.Shankar, EswaranPerumal, R.M.Vidhyavathi, SK.Lakshmanaprabu	International journal of Engineering and Technology	2018	0	Department of Computer Applications	0
Effect of β 1, 3 glucan binding protein based zinc oxide	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0

nanoparticles supplemented diet on immune response disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophila</i>	M, Thangaraj M P, Elumalai P					
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO nanoparticles.	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0
Anti amyloidogenic and antiapoptotic effect of obisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayana n V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	Department of Biotechnol ogy	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Ríos Escalante, Ma riadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV and Ramesh M	Environmental Science and Pollution Research	2017	0	Department of Biotechnol ogy	4

Synthesis and characterization of hydroxyapatite/graphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology (IRJET).	2017	0	Department of Animal Health and Management	0
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti-quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Phytoloaded PLGA nanoparticle as a modulator of Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Sathya, S., Shanmuganathan, B., Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	Artificial Cells, Nanomedicine, and Biotechnology	2017	0	Department of Biotechnology	0
Gelidiella acerosa protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	0
Cholinesterase inhibitory, anti-amyloidogenic and neuroprotective effect of the medicinal plant Grewia tiliaefolia - an in vitro and in silico study	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	6
Regulation of autophagy by	Nabavi SF, Surenda A,	Biotechnology Advances	2017	0	Alagappa University	2

polyphenols: paving the road for treatment of neurodegeneration	Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, SobarzoSánchez E, Daglia M, Braidy N, Volpicella M, Vacca RA, Nabavi SM					
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	Department of Biotechnology	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Rapid biosynthesized AgNPs from Gelidiellaacerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species an in vitro and in vivo approach	Lakkakula Satish, Sivasubramanian Santhakumari, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Arumugam	Environmental Science and Pollution Research	2017	5	Department of Biotechnology, Department of Biotechnology Engineering BenGurion	3

	Veera Ravi, Manikandan Ramesh				University of NagevBeer ShevaIsrae l	
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Evaluation of selected Indian medicinal plants for antagonistic potential against Malassezia spp. and the synergistic effect of embelin in combination with ketoconazole	Chandran Sivasankar, Subramanian Gayathri, James Prabhanand Bhaskar, Venkat Krishnan, Shunmugiah Karutha Pandian	Microbial Pathogenesis	2017	1	Department of Biotechnol ogy, ITC Life Sciences and Technology Centre	1
Biopolymer zeincoated gold nanoparticles: synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistr y Photobiology, B: Biology	2017	10	Department of Animal Health and Management	0

Sargassum wightiisynthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0
Antibiofilm of Nocardiaopsis sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response disease resistance in Oreochromis mossambicus against Aeromonas hydrophila	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0
Combinations of DCT and DWT approach using Run Length Coding in Wavelet Image Compression	AnanthaBabuS and EswaranPerumal	International Journal for Research in Engineering Application and Management	2018	0	Department of Computer Applications	0
Pixel Based Phenology Method for Satellite Image Environment Classification Supervised Approach	Dr.E.Ramaraj	International Journal of Advance Research in Computer Science	2018	0	Department of Computer Science	0
Band Value Based Reflective Image Classification Method to Classify the	Dr.E.Ramaraj	International Journal of Engineering and Technology	2018	0	Department of Computer Science	0

Satellite Image Environment						
Privacy Preserving Public Auditing for Secure Cloud Storage	Dr.E.Ramaraj	International Journal of Knowledge Based Computer Systems	2018	0	Department of Computer Science	0
Efficient Satellite Image Segmentation Using Energetic SOM	Dr.E.Ramaraj	International Journal Of Innovative Science And Research Technology	2017	0	Department of Computer Science	0
An Enhancement Review On Image Segmentation Methods	Dr.E.Ramaraj	International Journal of Advance Research	2017	0	Department of Computer Science	0
An Efficient Approach In Image Segmentation Based On Energetic Self Organization Map	Dr.E.Ramaraj	International Journal For Research In Engineering Application And Management	2017	0	Department of Computer Science	0
Comparative Study Of Big Data Analytical Tools	Dr.E.Ramaraj	International Journal Of Pure And Applied Mathematics	2017	0	Department of Computer Science	0
A Brief Review on Cloud Security Scenarios	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	34	Department of Computer Science	0
An Adequate Image Stegnography Method based on Bit Reversed Technique	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	0	Department of Computer Science Department of Computer Science	0
Optimal Multiple Watermark Embedding using Modified Krill Herd Algorithm and DCT	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	271	Department of Computer Science	0
Encryption and Decryption of color images	Dr.T.Meyyappan	International Journal of Pure and	2018	0	Department of Computer	0

using visual cryptography		Applied Mathematics			Science	
Study and Analysis of Influential Node Tracking in Social Networks	Dr.S.Santhosh kumar	International Research Journal of Engineering and Technology (IRJET)	2018	0	Department of Computer Science	0
Electrochemical properties of rice	Dr. R. Yuvakkumar	Journal of Alloys and Compounds 723, 115	2018	0	Department of Physics	0
Physico chemical properties of pure and zinc incorporated cobalt nickel mixed ferritenano particles	Dr. R. Yuvakkumar	Journal Of Materials Science	2018	0	Department of Physics	0
Synthesis of Tio2 nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	2
Atombased and Pharmacophorebased 3D - QSAR Studies on Vitamin D Receptor (VDR)	Dr. M.Karthikeyan	Comb. Chem. and High T. Scr.	2018	0	Department of Bioinformatics	0
Feature Level Fusion Based ANFIS Classifier for Brain MRI Image	Dr.RM. Vidhyavathi	Concurrency and Computation: Practice and Experience	2017	0	Department of Bioinformatics	0

Classification						
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Exploring multi potential uses of marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	K.Mohanrasu, N.Premnath, G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	Journal of Photochemistry and Photobiology B: Biology	2018	0	Department of Energy Science, Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	0
Gelidiellaacerosa exhibits neuroprotective effect against amyloid beta 25 35 peptide induced toxicity in PC12 cells	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	Department of Biotechnology	0
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electroche	0

					mistry Centre, CSIR - Central Electroche mical Research Institute, New Harbour Area, Tuticorin, Green Processing / Bioremedia tion and Alternativ e Energies R	
Biocompatible properties of nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
Effects of turmeric (Curcuma longa) on shelf life extension and biogenic amine control of cuttlefish (Sepia brevimana) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran , Sadayan Paramasivam, Palanivel Rameshthangam , Jose Manuel Miranda	CyTAJournal of Food	2017	0	Alagappa University	1
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
Data Protection in Manet using Symmetric and Asymmetric Approaches	Dr.S.S.Dhenak aran	Australian Journal of Basic and Applied Sciences	2017	0	Department of Computer Science	0

New Approach for Reducing the Size of Ciphertext	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
New Approach for Text Based Image Compression	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Linguistic Schemes Encoding Text Message	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Hamiltonian Approach for Finding Shortest Path	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	Department of Computer Science	0
Information Extraction and Prediction Using Partial Keyword Combination and Blends Measure	Dr.A.Padmapriya	IETE Journal of Research	2017	0	Department of Computer Science	0
Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud	Dr.A.Padmapriya	Australian Journal of Basic and Applied Science	2017	105	Department of Computer Science	0
Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption Methodologies	Dr.A.Padmapriya	Research Journal of Pharmaceutics , Biological and Chemical Sciences	2017	0	Department of Computer Science	0
Security Issues involved in sharing of Healthcare	Dr.A.Padmapriya	International Journal of Engineering and	2017	0	Department of Computer Science	0

Informations Through Cloud Storage		Technology (IJET)				
Term Based Weight Measure for Information Filtering in Search Engines	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2018	0	Department of Computer Science	0
Study and Analysis of Infrequent Behavior Patterns in Business Process Event Logs	Dr.S.Santhoshkumar	International Journal of Computer Science and Mobile Computing	2018	0	Department of Computer Science	0
A study of stress caused by social interactions in social networks	Dr.S.Santhoshkumar	International Journal of Computer Engineering and Applications	2018	0	Department of Computer Science	0
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through ubiquitination	Loganathan Vigneshwari, BoopathiBalasubramaniam, Sivasamy Sethupathy, Shunmugiah Karutha Pandian and Krishnaswamy Balamurugan	RSC Advances	2018	0	Department of Biotechnology	0
The metabolic profile of essential oils and assessment of anti urease activity of ESI mass spectrometry of Salvia officinalisL	Sheriff.T.S. Hassan, Emil S vajdlenka, Kannan R.R.Rengasamy, Radka Melicharkova, Shunmugiah KaruthaPandian	South African Journal of Botany	2018	0	Department of Biotechnology	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio parahaemolyticus.	Sanulla FarisaBanu, Durairajan Rubini, Ramar Murugan, Vellingiri Vadivel, Shanmugaraj Gowrishankar, Shunmugiah	LWT Food Science and Technology	2018	0	Department of Biotechnology	0

	KaruthaPandian, Paramasivam Nithyanand					
An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against Vibrio Cholerae O1	MuruganRajalaxmi, RajamohamedBemaShafree, KaruppiyahChithiraiselvi, Shunmugiah Karutha Pandian	Molecular and Cellular Probes	2018	1	Department of Biotechnology	1
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	Alagappa University	3
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistry and Photobiology B: Biology	2017	2	Department of Animal Health and Management	0
Physicochemical and Microbiological Changes During Drying of Wolf Herring (Chirocentrus dorab) and Coastal Trevally (Carangoides coeruleopinnatus)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Zooplankton in Arabian Sea,	Mariadoss Kalaiarasi,an	Sustainability Agri, Food	2017	0	Alagappa University	0

India	d Chelladurai Stella	and Environmental Research				
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Rios Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Performance enhancement of minutiae extraction	Dr. V. Palanisamy and R.AnandhaJothi	International Journal of Pure and Applied Mathematics	2018	2	Alagappa University	1
Faunistic studies on Macrozooplankton at Sundarapandianpatinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Rios Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambedkar: Chief of Architect of Making Modern India, Alagappa University	2018	0	Alagappa Institute of Management	0
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of	2018	0	Alagappa Institute of	0

		Management			Management	
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnology	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on Ceriodaphnia cornuta	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Morphology dependent electrochemical capacitor performance of NiMoO ₄ nanoparticles	Dr. R. Yuvakkumar	Materials Letters 209, 1	2018	0	Department of Physics	0
Customer opinions on CSR Practices of Selected Companies in Chennai Region	Dr.C.Vethirajan	Journal of Business Research	2017	0	Department of Corporate Secretaryship	0
Regulation of autophagy by polyphenols: paving the road for treatment of neurodegeneration	Nabavi SF, Sureda A, Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, SobarzoSánchez E, Daglia M, Braidy N, Volpicella M, Vacca RA,	Biotechnology Advances	2017	0	Alagappa University	2

	Nabavi SM					
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab <i>Scylla serrata</i> .	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0
Physicochemical and Microbiological Changes During Drying of Wolf Herring (<i>Chirocentrus dorab</i>) and Coastal Trevally (<i>Carangoides coeruleopinnatus</i>)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Ríos Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Faunistic studies on Macrozooplankton at Sundarapandianpatinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0
Heavy metal	Saravanan, R.	Oceanologica	2017	0	Alagappa	0

stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	and Sugumar, V	Sinica			University	
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research Journal	2017	0	Alagappa Institute of Management	0
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	Department of Biotechnology	0
In vitro and in vivo effect of 2,6Ditertbutyl4methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2

potential						
Bioprospecting of coral (<i>Porites lutea</i>) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal Health and Management	3
Unit Root Test of Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Cholinesterase inhibitory, antiamyloidogenic and neuroprotective	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	6

effect of the medicinal plant <i>Grewia tiliaefolia</i> - an in vitro and in silico study						
Regulation of autophagy by polyphenols: paving the road for treatment of neurodegeneration	Nabavi SF, Sureda A, Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, Sobarzo Sánchez E, Daglia M, Braidy N, Volpicella M, Vacca RA, Nabavi SM	Biotechnology Advances	2017	0	Alagappa University	2
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambedkar:	2018	0	Alagappa Institute of Management	0

		Chief of Architect of Making Modern India, Alagappa University				
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Role of Corporate Social Responsibilities A n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	Department of Biotechnology	0
Handling of Big Data with a Novel Solution Architecture on Smart Grids	Dr.RM. Vidhyavathi	Int. J. pure Appl. Maths	2018	0	Department of Bioinformatics	0
Structural, magnetic and magnetocaloric properties of EuMnO3 perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
Enhanced Secure Authentication Based SEMS With Improved Security Model	Dr.T.Meyyappan	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0

		(MTST)				
Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in <i>Oreochromis mossambicus</i>	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar Vijayakumar, Caterina Faggio	Ecotoxicology and Environmental Safety	2018	0	Department of Animal Health and Management	0
Web Digging strategies for Extraction of News	Dr.T.Meyyappa n	International Journal for Modern Trends in Science and Technology (MTST)	2017	0	Department of Computer Science	0
Automated crime Data computing and Criminals Matching Using Data Ming Techniques	Dr.T.Meyyappa n	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from <i>Spatoglossum asperum</i>	S. Palanisamy, M.Vinosh, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
Isolation of fucoidan from <i>Sargassum polycystum</i> brown algae: Structural	S. Palanisamy, M. Vinosh, T. Marudhupandi,	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12

characterization, in vitro antioxidant and anticancer activity	P. Rajasekar, N.M. Prabhu					
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunathan P. Biruntha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka	Cancer gene therapy	2018	0	Department of Animal Health and Management	0
LIGOs Detected Magnetic Field Waves not Gravitational Waves	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary	2017	1	Alagappa University	0
Studies on Stress Protein Produced by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
In vitro and in vivo effect of 2,6Ditertbutyl4methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from Spatoglossum asperum and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinosha Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi,	Journal of Photochemistry and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0

	Prabhu Narayanan Marimuthu					
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research Journal	2017	0	Alagappa Institute of Management	0
Bioprospecting of coral (Porites lutea) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
In vitro and in vivo effect of 2,6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Sivasubramanian Santhakumari, Rengarajan Jayakumar, Ravichandran Logalakshmi, Narayanan Marimuthu Prabhu, Abdul KuthusAbdul Nazar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	International journal of food microbiology	2018	0	Department of Biotechnology, Mandapam Regional Centre, Central Marine Fisheries Research Institute, Department of Animal Health and Management	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Arunachalam Kannappan, Murugesan Sivaranjani, Ramanathan Srinivasan, JanarthanamRathna, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of medical microbiology	2017	5	Department of Biotechnology	0
Global proteomics revealed Klebsiella pneumoniae induced autophagy and oxidative stress in	Kamaladevi A and Balamurugan K	Frontiers in Cellular and Infection Microbiology	2017	3	Department of Biotechnology	3

Caenorhabditis elegans by inhibiting PI3K/AKT/mTOR pathway during infection						
Model system based proteomics to understand the host response during bacterial infections	Kamaladevi A, Marudhupandian S and Balamurugan K	Molecular BioSystems	2018	0	Department of Biotechnology	0
Multivariate analysis of increase in life span of Caenorhabditis elegans through intestinal colonization by indigenous probiotic strains	Kavitha S, Pooranachithra M, Balamurugan K and Goel G	Probiotics and Antimicrobial Proteins	2018	0	Department of Biotechnology and Bioinformatics Jaypee University of Information Technology Department of Biotechnology	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio paraholyticusaem	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0

Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Journal of Medical Mycology [Elsevier, France]	2018	1	Department of Biotechnology	1
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from Spatoglossum asperum and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinosha Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu	Journal of Photochemistry and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Rapid biosynthesized AgNPs from Gelidiella	Satish L, Santhakumari S, Gowrishankar	Environmental Science and Pollution Research	2017	6	Alagappa University, Karaikudi,	6

acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	S, Ravi AV, Pandian SK and Ramesh M				Ben Gurion University of Nagev, Beer Sheva	
An Amazing nutritional Value in Wonderful Finger Millet Makes This The Most Lovable Food Crop to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	Alagappa University, Karaikudi, Pondicherry University, Puducherry	0
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	Alagappa University	0
Prevalence of Multi Drug Resistance Asymptomatic Bacteria from Pregnant Women in Karaikudi, Sivagangai district	Dr. J. Joseph sahayarayan	Int J Mod Sci Technol	2017	0	Department of Bioinformatics	0
Antibacterial Activity of a Novel Bacillus cereus isolated from Mangrove Ecosystem	Dr. J. Joseph sahayarayan	Int. J. Curr. Microbiol. and Appl. Sci.	2017	0	Department of Bioinformatics	0
Novel AntiStreptococcal Peptide Produced by Mangrove Bacteria Bacillus subtilis	Dr. J. Joseph sahayarayan	Int. J. Curr. Microbiol. and Appl. Sci.	2018	0	Department of Bioinformatics	0
Improved conductivity and antibacterial activity of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. P.Boomi	J Photochem Photobiol B	2018	0	Department of Bioinformatics	0

Photoluminescent Reduced Graphene Oxide Quantum Dots from Latex of Calotropis Gigantea for Metal Sensing, Radical Scavenging, Cytotoxicity, and Bioimaging in Artemia Salina: A Greener Route	Dr. P.Boomi	J Photochem Photobiol B	2018	0	Department of Bioinformatics	0
Effect of diosmin on apoptotic signalling molecules in Nnitrosodiethylamine induced hepatocellular carcinoma in experimental rats	Dr. V. K. Langeswaran	Mol Cell Biochem	2018	0	Department of Bioinformatics	0
Nephroprotective effect of Kaempferol on biochemical and histopathological changes in mercuric chloride induced nephrotoxicity in experimental rats	Dr. V. K. Langeswaran	J.Biol.Act. Prod. Nat.	2018	0	Department of Bioinformatics	0
Improved Antibacterial activity effect of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. V. K. Langeswaran	J Photochem Photobiol B	2018	0	Department of Bioinformatics	0
Insights from the Molecular modeling, docking analysis of illicit drugs and Bomb Compounds with Honey Bee Odorant Binding Proteins (OBPs)	Dr. V. K. Langeswaran	Journal of Bioinformatics	2018	0	Department of Bioinformatics	0
Trends and Issues of Minimum Support Price on	Dr. S. Rajamohan	Asian Academic Research	2018	0	Alagappa Institute of	0

Farmers Well Being		Journal of Social Science and Humanities			Management	
Synthesis, Growth, Spectral And Optical Properties Of 2 Aminopyridinium P Aminobenzoate Nonlinear Optical Single Crystal	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
Synthesis, Growth And Characterization Of 2 Amino 6 Methylpyridinium 6 Aminocaproate Nonlinear Optical Single Crystal	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
Crystal Growth And Characterization Of 2 Aminopyridinium Salicylate Organic Nonlinear Optical Single Crystal	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
Crystal growth and characterization of piperazinium p chlorobenzoate	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
A simple and distinguished nebulizer approach to prepare CdS thin films	Dr. R. Sivakumar	Journal Energy Chemical 26 (2017) 398	2017	0	Department of Physics	0
Effect of sputtering power on properties and photovoltaic performance of CIGS thin film solar cells	Dr. R. Sivakumar	Material Research Innovations	2017	0	Department of Physics	4
Effect of solution molarity on optical dispersion energy parameters and	Dr. R. Sivakumar	Optical Materials	2017	0	Department of Physics	4

electrochromic performance of Co3O4 films						
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its antiquorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	4	Department of Animal Health and Management	0
Hexamine, PEG 400 effect on α MoO ₃ nanoparticle synthesis for pseudo capacitance applications	Dr. R. Yuvakkumar	Journal of Materials Science Materials in Electronics 28 (18), 1378013786	2018	0	Department of Physics	0
Internet as a Source for Job Seeking	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Discovery of potent inhibitors targeting Vibrio harveyi LuxR through shape and epharmacophore based virtual screening and its biological evaluation	S Rajamanikandan, J Jeyakanthan, P Srinivasan	Microbial pathogenesis 103, 4056	2017	0	Department of Animal Health and Management	0
Exploring the selectivity of autoinducer	S. Rajamanikandan and P.	Journal of Molecular Structure	2017	0	Department of Animal Health and	0

complex with LuxR using molecular docking, mutational studies and molecular dynamics simulations	Srinivasan				Management	
Efficacy of potential phage cocktails against <i>Vibrio harveyi</i> and closely related <i>Vibrio</i> species isolated from shrimp aquaculture environment in the south east coast of India	N. Stalin and P. Srinivasan	Veterinary Microbiology	2017	0	Department of Animal Health and Management	0
Morphological characterization and biocontrol effects of <i>Vibrio vulnificus</i> phages against <i>Vibriosis</i> in the shrimp aquaculture environment	P. Srinivasan and P. Ramasamy	Microbial Pathogenesis	2017	0	Department of Animal Health and Management	0
Green synthesis of silver nanoparticles using <i>Lippia nodiflora</i> aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects	A. Sudha and P. Srinivasan	Resource Efficient Technologies	2018	0	Department of Animal Health and Management	0
Theoretical, biological and in silico studies of pendantarmed heteroleptic copper(II) phenolate complexes	P. Arthi, D. Mahendiran, S. Shobana, P. Srinivasan, A. Kalilur Rahiman	Journal of Molecular Structure	2018	0	Department of Animal Health and Management	0
Antiproliferative and apoptosis induction studies of 5hydroxy	A. Sudha, P. Srinivasan, V. Kanimozhi, K. Palanivel and B.	Journal of Receptors and Signal Transduction	2018	0	Department of Animal Health and Management	0

3',4',7trimethoxy flavone in human breast cancer cells MCF7: an in vitro and in silico approach	Kadalmani					
Security Issues involved in sharing of Healthcare Informations Through Cloud Storage	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2017	0	Department of Computer Science	0
Phytolloaded PLGA nanoparticle as a modulator of Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Sathya, S., Shanmuganathan, B., Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	Artificial Cells, Nanomedicine, and Biotechnology	2017	0	Department of Biotechnology	0
Gelidiellaacerosa protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	0
Cholinesterase inhibitory, antiamyloidogenic and neuroprotective effect of the medicinal plant Grewiatiliaefolia - an in vitro and in silico study	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	6
Regulation of autophagy by polyphenols: paving the road for treatment of neurodegeneration	Nabavi SF, Sureda A, Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, SobarzoSánchez E, Dagliam, Braidy N,	Biotechnology Advances	2017	0	Alagappa University	2

	Volpicella M, Vacca RA, Nabavi SM					
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	Department of Biotechnology	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Effect of hexamethylenetetramine on the properties of electrodeposited ZnO thin films for dye sensitized solar cell applications	Dr.N.Anandhan	Journal of Materials Science: Materials in Electronics, 1	2018	0	Department of Physics	0
Anti amyloidogenic and antiapoptotic effect of α bisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayana V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	Department of Biotechnology	0
In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Arunachalam Kannappan, RamarMohankumar, Ramanathan Srinivasan, GovindarajuArachunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and	Pathogens and disease	2018	0	Department of Biotechnology, National Facility for Drug Development NFDD for Academia, Pharmaceutical and Allied	0

	Arumugam Veera Ravi				Industries / Department of Pharmaceutical Technology, Centre for Pheromone Technology	
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Murugesan Sivaranjani, Ramanathan Srinivasan, Chairmandurai Aravindraja, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Biofouling	2018	0	Department of Biotechnology	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Ramanathan Srinivasan, Ramar Mohankumar, Arunachalam Kannappan, Veeramani Karthick Raja, Govindaraju Archunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi	Frontiers in Cellular and Infection Microbiology	2018	4	Department of Biotechnology, 2) Department of Pharmaceutical Technology, National Facility for Drug Development for Academia, Pharmaceutical and Allied Industries / Bharathidasan Institute	3

					of Technology , Anna University , Tiruchirap palli, 3) Department	
Green synthesized silver nanoparticles demonstrating enhanced in vitro and in vivo antibiofilm activity against <i>Candida</i> spp.	Subramanian Muthamil, Vivekanandham Amsa Devi, Boopathi Balasubramanian, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Journal of Basic Microbiology	2018	0	Department of Biotechnology	0
Inhibition of quorum sensing mediated virulence in <i>Serratia marcescens</i> by <i>Bacillus subtilis</i> R 18	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	Department of Biotechnology	0
In vitro and in vivo effect of 2, 6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i> spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	Department of Biotechnology	0
Inhibition of quorum sensing mediated virulence in <i>Serratia marcescens</i> by <i>Bacillus subtilis</i> R 18	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	Department of Biotechnology	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	Department of Biotechnology	0
In vivo	Kannappan A,	Pathogens and	2018	0	Department	0

protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Disease			of Biotechnology	
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnology	8
Measuring Co Authorship Pattern in Research Output of Chromosome Anomalies	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
On Lattice ordered soft groups	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2017	0	Alagappa University	0
Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Algebraic applications on L Fuzzy soft group	Dr. J. Vimala	International journal of soft computing	2017	0	Alagappa University	0
PlaneFinder: A methodology to find the best plane for a set of atoms involved in the metal coordination in	Dr. J. Jeyakanthan	Journal of Applied Crystallography	2018	0	Department of Bioinformatics	0

the protein structures						
Analysis of population structure and genetic diversity in an exotic germplasm collection of Eleusine coracana L Gaertn using genic SSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P Ramesh M	Gene Elsevier, USA	2018	1	Alagappa University	1
Effect of EVM in the Assembly Elections of Tamil Nadu	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Mentoring: Is it successful in Indian Bluechip IT Companies	Dr.K.Chandrasekar	Paripex Indian Journal Of Research	2017	0	Alagappa Institute of Management	0
Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity R ISSR	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science China National Rice Research Institute, Hangzhou, Elsevier	2018	0	Alagappa University	0
Impact of Social Media	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	Department of Computer Science	0
Insights from the Molecular modeling, docking analysis of illicit drugs and Bomb Compounds with Honey Bee Odorant Binding Proteins (OBPs)	Dr. J. Jeyakanthan	Bioinformatics	2018	0	Department of Bioinformatics	0
Dietary supplementation of probiotic Bacillus licheniformis Dabhl improves growth performance, mucus and serum immune	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	5	Department of Animal Health and Management	0

parameters, antioxidant enzyme activity as well as resistance against Aeromonas hydrophila in tilapia Oreochromis mossambicus						
Efficient Satellite Image Segmentation Using Energetic SOM	Dr.E.Ramaraj	International Journal Of Innovative Science And Research Technology	2017	0	Department of Computer Science	0
Molecular dynamics and quantum chemistrybased approaches to identify isoform selective HDAC2 inhibitor - a novel target to prevent Alzheimer's disease	Dr. J. Jeyakanthan	J Recept Signal Transduct Res	2018	0	Department of Bioinformatics	0
An Enhancement Review On Image Segmentation Methods	Dr.E.Ramaraj	International Journal of Advance Research	2017	0	Department of Computer Science	0
Term Based Weight Measure for Information Filtering in Search Engines	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2018	0	Department of Computer Science	0
Genome wide identification of major transcription factor superfamilies in rice identifies key candidates involved in abiotic stress dynamism	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R and Ramesh M	Journal of Plant Biochemistry and Biotechnology Springer, India	2018	0	Alagappa University , T Stanes and Company Ltd. Coimbatore , Panjab University	0
Spermidine sprays alleviate the water deficitinduced	Satish L, Rency AS and Ramesh M	3 Biotech Springer, India	2018	0	Alagappa University , Ben Gurion	0

oxidative stress in finger millet Eleusine coracana L Gaertn plants					University of Negev, The Jacob Blaustein Institutes for Desert Research, Ben Gurion University of the Negev	
In vitro propagation and conservation of useful endangered medicinal plants with anticancer activity	Rameshkumar R, Rathinapriya P, Satish L, Pandian S, Rency AS and Ramesh M	Journal of Molecular Biology and Biotechnology MedPub Journals, USA	2017	3	Alagappa University	3
Receptor based Pharmacophore modeling and Virtual Screening Aurora Kinase Inhibitors	Dr. J. Jeyakanthan	J Mol Graph Model	2018	0	Department of Bioinformatics	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Dr.K.Sankaran arayanan	Microbial pathogenesis 115, 31	2018	0	Department of Physics	0
Structural insights into the binding mode of flavonols with the active site of Matrix MetalloProteinase 9 through molecular docking and Molecular Dynamic Simulations studies	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2017	3	Department of Bioinformatics	0
Biopolymer zeincoated gold nanoparticles: synthesis, antibacterial	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B,	Journal of Photochemistry and Photobiology, B: Biology	2017	10	Department of Animal Health and Management	0

potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i>	Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G					
Molecular Dynamic Simulations Reveal Suboptimal Binding of Salbutamol in T164I Variant of β 2 Adrenergic Receptor	Dr. Sanjeev Kumar Singh	Plos One	2017	0	Department of Bioinformatics	0
Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenesis	2017	4	Department of Animal Health and Management	0
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp <i>Fenneropenaeus indicus</i>	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	4	Department of Animal Health and Management	0
Synthesis and characterization of hydroxyapatite/graphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology (IRJET) .	2017	0	Department of Animal Health and Management	0

Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	3	Department of Biotechnology	3
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidecyclo(L-leucylLprolyl) thwarts biofilm formation	Gowrishankar, S Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	2	Department of Biotechnology	2
In vitro activity of omangostin in killing and eradicating Staphylococcus epidermidis RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
Green synthesized silver nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia corunta Crustaceans	Ishwarya R, Vaseeharan B, Shanthy S, Benelli G	Journal of Cluster Science	2017	5	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Purification, characterization and functional analysis of the immune molecule lectin from the	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan	Journal of Fish and Shellfish Immunology	2017	9	Biomaterials and Biotechnology in Animal Health	0

haemolymph of blue swimmer crab <i>Portunus pelagicus</i> and their antibiofilm properties	B				Lab, Department of Animal Health and Management	
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Biological therapeutics of <i>Pongamia pinnata</i> coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G	Journal of Microbial Pathogenesis	2017	22	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Influence of barium zirconate on SPEEK based polymer electrolytes for PEM fuel cell applications	Dr.M.Ramesh Prabhu	Ionics, 1	2018	0	Department of Physics	0
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M., Gowrishankar, S., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin resistant <i>Staphylococcus aureus</i>	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3
Antivirulent	FarisaBanu,	Frontiers in	2017	3	Department	3

properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Microbiology [Lausanne: Frontiers Media SA]			of Biotechnology	
Crystal Growth And Characterization Of 2 Aminopyridinium Salicylate Organic Nonlinear Optical Single Crystal	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidocyclo(L-leucylL-prolyl) thwarts biofilm formation	Gowrishankar, S Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	2	Department of Biotechnology	2
Social Audit of CSR Activities in India - A Stay Towards Good Global Corporate Citizenship	Dr.V.Balachandran	Professional Journal Chartered Accountant ICAI New Delhi	2018	0	Department of Corporate Secretaryship	0
Relationship Between the Socio - Economic Status and Investment Behavior of Investors in Chennai City	Dr.C.Vethirajan	Indian Journal of Applied Research	2017	0	Department of Corporate Secretaryship	0
User's Opinion on Efficiency of Internet Financial Reporting Practices - A Study with Reference to Karaikudi Town	Dr.C.Vethirajan	Paripex Indian Journal of Research	2017	0	Department of Corporate Secretaryship	0

CSR in India - A Review of literature of the history and Context	Dr.C.Vethirajan	M -Infiniti Journal Management	2017	0	Department of Corporate Secretaryship	0
Customer opinions on CSR Practices of Selected Companies in Chennai Region	Dr.C.Vethirajan	Journal of Business Research	2017	0	Department of Corporate Secretaryship	0
Mandatory and Voluntary disclosure of Indian Companies A Study with Reference to Investors in Chennai Region	Dr.C.Vethirajan	Indian Journal of Applied Research	2018	0	Department of Corporate Secretaryship	0
Modern Banking Services in India - A key tool for Indian Banking Sectors	Dr.C.Vethirajan	DBJC - Journal of Business Research	2018	0	Department of Corporate Secretaryship	0
Import and Export Under Goods and Services Tax in India	Dr.C.Vethirajan	DBJC - Journal of Business Research	2018	0	Department of Corporate Secretaryship	0
Effectiveness of SEBI in Protecting the Investors A Study of Investors in Chennai City	Dr.C.Vethirajan	Global Journal For Research Analysis	2017	0	Department of Corporate Secretaryship	0
Entrepreneurs Competencies of Women Entrepreneurs in Network Marketing	Dr.C.Vethirajan	Sumedha Journal of Management	2017	0	Department of Corporate Secretaryship	0
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0
Essential of Self Efficacy in Career Decision	Dr.K.Chandrasekar	ParipexGlobal journal for Research	2017	0	Alagappa Institute of	0

Making		analysis			Management	
Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Electrochemical detection of estrus specific phenolic compound p-cresol to assess the reproductive phase of certain farm animals	N Sudhan, C Manikkaraja, V Balasubramanian, G Archunan, C Sekar	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0
Supported binary liposome vesicle-gold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	5
Crystal growth and characterization of piperazinium p-chlorobenzoate	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
A simple and distinguished nebulizer approach to prepare CdS thin films	Dr. R. Sivakumar	Journal Energy Chemical 26 (2017) 398	2017	0	Department of Physics	0

Effect of sputtering power on properties and photovoltaic performance of CIGS thin film solar cells	Dr. R. Sivakumar	Material Research Innovations	2017	0	Department of Physics Department of Physics	4
Effect of solution molarity on optical dispersion energy parameters and electrochromic performance of Co3O4 films	Dr. R. Sivakumar	Optical Materials	2017	0	Department of Physics	4
Microstructure, optical and magnetic properties of micro crystalline γ MnS film prepared by chemical bath deposition method	Dr. R. Sivakumar	Material Science Semicond Proc 72 (2017) 67	2017	0	Department of Physics	0
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through Ubiquitination	Vigneshwari L, Balasubramani am B, Sethupathy S, Karutha Pandian S, and Balamurugan K	RSC Advances	2018	0	Department of Biotechnology	0
Effects of turmeric (Curcuma longa) on shelf life extension and biogenic amine control of cuttlefish (Sepia brevimana) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTA Journal of Food	2017	0	Alagappa University	1
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin films	Karupanan Periyanan Ganesanab N. Anandhana V. Dharumand Ponnusamy Samic R. Pannerselva ma T. Marimuthu	Results in Physics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0

Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
Onestep coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its selfhealing threedimensional nanohybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayanan moorthy M	Microbial Pathogenesis	2017	18	Department of Animal Health and Management	0
Structural, optical and magnetic properties of CuFe ₂ O ₄ nanoparticles	Dr. R. Yuvakkumar	Journal of Materials Science Materials in Electronics, 110	2018	0	Department of Physics	0
Microwave synthesis of metal doped TiO ₂ for photocatalytic applications	Dr. S. Karuppuhamy	Journal of Materials Science Materials Electron	2017	0	Department of Energy Science	0
Preparation of one dimensional Titanium dioxide nanowires using	Dr. S. Karuppuhamy	Journal of Materials Science Materials	2017	0	Department of Energy Science	0

electrospinning process for dye sensitized solar cells		Electron				
Green larvicides against blowflies, <i>Lucilia sericata</i> (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles.	Banumathi B, Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	7	Department of Animal Health and Management	0
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on <i>Ceriodaphnia cornuta</i>	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab <i>Scylla serrata</i> .	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0

Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in <i>Oreochromis mossambicus</i>	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar Vijayakumar, Caterina Faggio	Ecotoxicology and Environmental Safety	2018	0	Department of Animal Health and Management	0
Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine based on cetyltrimethylammonium bromide assisted SnO ₂ nanoparticles	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3
Layer-by-Layer Assembled AuNPs Decorated First Generation Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNA Hybrids	Kumarasamy Jayakumar, María Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectronics and Biosensors	0
Deposition of transition metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated Cu NPs	D. Solairaj, P. Rameshthangam, P. Muthukumar and J. Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3

immobilized chitin nanostructure						
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimica Acta	2017	1	Department of Bioelectronics and Biosensors	1
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/Protein interaction, Anticancer activity and toxicity against 14 species of microbe pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4

Activity on Seven Microbial pathogen						
Inhibition of quorum sensing dependent biofilm and virulence genes expression in environmental pathogen <i>Serratia marcescens</i> by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	Department of Biotechnology	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Srinivasan R, Mohankumar R, Kannappan A, Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Frontiers in Cellular and Infection Microbiology	2017	0	Department of Biotechnology	3
Effect of Dispersoid on Sulfonium Ionic Liquid Based Gel Polymer Electrolyte for Lithium Secondary Battery	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 215	2018	0	Department of Physics	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	Department of Biotechnology	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0
Biogenic synthesis of silver	Srinivasan R, Vigneshwari L, Rajavel T,	Environmental Science and Pollution	2017	0	Department of Biotechnol	0

nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Research			ogy	
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Gelidiellaacerosa protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26
In vitro antioxidant and antibacterial activity of sulfated	S. Palanisamy, M.Vinsha, T. Marudhupandi, P. Rajasekar,	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7

polysaccharides isolated from <i>Spatoglossum asperum</i>	N.M. Prabhu					
Experimental and computational Assessment of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry 7 Photobiology	2018	0	Department of Botany	0
Two Expressions for Electrostatic Forces and For Magnetic Forces to Classify Electromagnetic Waves	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	1	Alagappa University	0
Low energy nitrogen ion beam implanted tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0
Ideal Approach on Lattice ordered Fuzzy Soft Group and its Application on selecting best Mobile Network coverage among Travelling paths	Dr. J. Vimala	ARPN Journal of Engineering and Applied sciences	2018	1	Alagappa University	0
Implementation of boolean algebraic structure and its decision making approach over lattice ordered multisets	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	Alagappa University	0
Lattice ordered interval valued hesitant fuzzy soft sets in decision making problem	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	Alagappa University	0
Designing modular and distributive	Dr. J. Vimala	International Journal of	2018	0	Alagappa University	0

lattices using soft group		Engineering and Technology				
Nonlinear integro differential equations with small unknown parameters A Controllability analysis problem	Mrs. B. Sundaravadivo o	Mathematics and Computers in Simulation	2017	0	Alagappa University	0
Controllability analysis of nonlinear neutral type fractional order differential systems with state delay and impulsive effects	Mrs. B. Sundaravadivo o	International Journal of Control, Automation and Systems	2017	0	Alagappa University	0
Enhanced robust finite time passivity for Markovian jumping discrete time BAM neural networks with leakage delay	Dr.R.Raja	Advances in Difference Equations	2017	0	Alagappa University	0
Passivity analysis of uncertain stochastic neural network with leakage and distributed delays under impulsive perturbations	Dr.R.Raja	Kybernetika	2018	0	Alagappa University	0
Ecotoxicity of Musa paradisiaca leaf extractcoated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G	LimnologicaEcology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0
Synthesis of Tio2 nanofibre for Photocatalytic and antibacterial	Dr. N. Anusuya	Journal of Material Science: Materials in	2017	0	Department of Botany	2

Application		Electronics				
A new global robust exponential stability criterion for H infinity control of uncertain stochastic neutral type neural networks with both time varying delays	Dr.R.Raja	International Journal of Control, Automation and Systems	2017	0	Alagappa University	0
A state estimation H infinity issue for discrete time stochastic impulsive genetic regulatory networks in the presence of leakage, multiple delays and Markovian jumping parameters	Dr. R. Raja	Journal of The Franklin Institute	2018	0	Alagappa University	0
Impulsive discrete time BAM neural networks with random parameter uncertainties and time varying leakage delays An asymptotic stability analysis	Dr.R.Raja	Nonlinear Dynamics	2018	0	Alagappa University	0
Robust finite	Dr.R.Raja	Applied Mathematics and Computation	2018	0	Alagappa University	0
Enhanced result on stability analysis of randomly occurring uncertain parameters, leakage and impulsive BAM neural networks with time	Dr.R.Raja	International Journal of Adaptive Control and Signal Processing	2018	0	Alagappa University	0
Exponential	Dr. R. Raja	Applied	2018	0	Alagappa	0

Stability of Discrete time Cellular BAM Neural Networks with Variable delays using Halanay		Mathematics and Information Sciences, 12 (3) (2018) 545			University	
Split Domination number of a congruent Dominating Graphs	Dr. S. Amutha	International Journal of Pure and Applied Mathematics (Volume 119, No.12, May 2018, ISSN: 1314	2018	0	Alagappa University	0
Bounds for Lamda Domination Number Gamma Lamda of G of a Graph	Dr. S. Amutha	Journal of Computational Mathematica (V ol.1(2), November 2017, ISSN:2456	2017	0	Alagappa University	0
Whether Government intervention and Vocational training increases Education and Employment	Dr. M. Mullai	International Journal of Pure and Applied Mathematics, V ol. 118(10), 435	2018	0	Alagappa University	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenols antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnology	8
Neutrosophic EOQ Model with Price Break	Dr. M. Mullai	Neutrosophic Sets and Systems, Vol. 19: 24	2018	0	Alagappa University	0
Global exponential stability of Markovian jumping	Dr.G.Ravi	Adv Differ Equ. 2018	2018	0	Department of Physics	0

stochastic impulsive uncertain BAM neural networks with leakage, mixed time delays, and α						
Facile synthesis of quantum sized Co ₃ O ₄ nanostructures and their magnetic properties	Dr.G.Ravi	Nano	2018	0	Department of Physics	0
Pure and cobalt	Dr.G.Ravi	Applied Physics A 124 (7), 511	2018	0	Department of Physics	0
The point defects induced ferromagnetism in ZnO semiconductor by terbium doping via co	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (14), 11892	2018	0	Department of Physics	0
Vertically aligned Cu	Dr.G.Ravi	Materials Letters 222, 58	2018	0	Department of Physics	0
Influence of Thickness on Surface Texture and Optical Parameters of Spin Coated Bismuth Titanate (Bi ₄ Ti ₃ O ₁₂) Thin Films	Dr.N.Anandhan	Int. J of Adv. Engg and Res. Devent	2018	0	Department of Physics	0
Effect of hexamethylenetetramine on the properties of electrodeposited ZnO thin films for dye sensitized solar cell applications	Dr.N.Anandhan	Journal of Materials Science: Materials in Electronics, 1	2018	0	Department of Physics	0
A facile electrochemical hydrothermal synthesis and characterization of zinc oxide hierarchical structure for dye	Dr.N.Anandhan	Journal of Materials Science	2018	0	Department of Physics	0

sensitized solar cell applications						
Deposition of transition metal Mn doped BTO thin films by sol gel technique	Dr.N.Anandhan	Journal of Materials Science Materials in Electronics	2018	0	Department of Physics	0
Effect of Concentration on Nano Hydroxyapatite Powder by Wet Chemical Precipitation Route	Dr.N.Anandhan	Asian Journal of Research in Chemistry	2018	0	Department of Physics	0
Role of annealing temperatures on the mechanical, optical, electrical and magnetic properties of nanoHydroxyapatite biomaterial	Dr.N.Anandhan	J of Nanosci and Nano Technologu 2018	2018	0	Department of Physics	0
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Dissecting the Structurefunction Relationship in Lysozyme Domain of Mycobacteriophage D29encoded Peptidoglycan Hydrolase	Dr. Sanjeev Kumar Singh	FEBS Letters	2017	1	Department of Bioinformatics	0
Novel ligandbased docking molecular dynamic simulations and absorption, distribution, metabolism, and excretion approach to analyzing potential	Dr. Sanjeev Kumar Singh	J. Pharmaceut. Anal.	2017	1	Department of Bioinformatics	0

acetylcholinesterase inhibitors for Alzheimers disease						
A Virtual Screening approach for the Identification of High affinity small molecules targeting BCRABL1 inhibitors for the treatment of Chronic Myeloid Leukemia	Dr. Sanjeev Kumar Singh	Curr. Top. Med. Chem.	2017	0	Department of Bioinformatics	0
H1B Visa Ban Impact on Information Technology Companies Shares in National Stock Exchange	Dr. S. Rajamohan	Pacific Business Review International	2018	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Measuring Co Authorship Pattern in Research Output of Chromosome Anomalies	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Volatility Modeling for Automobile Sector Stocks in	Dr. S. Rajamohan	International Journal of Advanced Research in	2018	0	Alagappa Institute of Management	0

National Stock Exchange		Management and Social Sciences				
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambadkar: Chief of Architect of Making Moden India, Alagappa University	2018	0	Alagappa Institute of Management	0
Impact of FDI in the growth of multinational companies	Dr.K.Chandras ekar	International Journal Of Multidiscipli nary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandras ekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Microstructure, optical and magnetic properties of micro crystalline γ MnS film prepared by chemical bath deposition method	Dr. R. Sivakumar	Material Science Semicond Proc 72 (2017) 67	2017	0	Department of Physics	0
Facile synthesis of blue anatase TiO2 films by solvent evaporation method	Dr. R. Sivakumar	J Material Science Material Electronics 28 (2017) 15074	2017	0	Department of Physics	2
High coloration efficiency, high reversibility and fast switching response of nebulized spray deposited anatase TiO2 thin films for electrochromic applications	Dr. R. Sivakumar	Electrochemic al Acta 255 (2017) 358	2017	0	Department of Physics	1
MnS films with 3D microarchitecture s comprehensive study of the	Dr. R. Sivakumar	Crystal Engineering Comm 20 (2018) 578	2018	0	Department of Physics	0

synthesis, micro structural, optical and magnetic properties						
Characterization of amorphous and transparent RF sputtered V2O5 doped WO3 thin films	Dr. R. Sivakumar	Adv Biomaterial Research 1 (2018) 1	2018	0	Department of Physics	0
Photovoltaic device performance of electron beam evaporated Glass/TCO/CdS/CdTe/Au heterostructure solar cell	Dr. R. Sivakumar	Journal of Science Adv Material Devices	2018	0	Department of Physics	0
Efficient electrochromic performance of anatase TiO2 thin films prepared by nebulized spray deposition method	Dr. R. Sivakumar	Journal Solid State Electrochemical 22 (2018) 1825	2018	0	Department of Physics	0
Morphology dependent electrochemical capacitor performance of NiMoO4 nanoparticles	Dr. R. Yuvakkumar	Materials Letters 209, 1	2018	0	Department of Physics	0
Controlled synthesis and electrochemical properties of Ag doped Co3O4 nanorods	Dr. R. Yuvakkumar	International Journal of Hydrogen Energy	2018	0	Department of Physics	0
Design, Fabrication, and Characterization of Hematite (α	Dr. R. Yuvakkumar	JOM 69 (12), 2508	2018	0	Department of Physics	0
Electrochemical properties of rice	Dr. R. Yuvakkumar	Journal of Alloys and Compounds 723, 115	2018	0	Department of Physics	0
Physico chemical properties of pure and zinc incorporated	Dr. R. Yuvakkumar	Journal Of Materials Science	2018	0	Department of Physics	0

cobalt nickel mixed ferritenano particles						
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Surfactant effect on synthesis and electrochemical properties of nickel doped magnesium oxide (Ni MgO) for supercapacitor applications	Dr. R. Yuvakkumar	Applied Physics A 123 (11), 697	2018	0	Department of Physics	0
Simplified Interpretation for Einstein s Energy Mass Relation	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	1	Alagappa University	1
Why Do Distant Planets Have Speedy Winds	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	0	Alagappa University	0
Synthesizing graphene from waste mosquito repellent graphite rod by using electrochemical exfoliation for battery super capacitor applications	Dr. C. Ganesa Moorthy	Energy Sources, Part A Recovery, Utilization, and Environmental Effects	2017	0	Alagappa University	0
Vanillic acid from Actinidiadelicios a impedes virulence in Serratia marcescens by affecting S layer, flagellin and fatty acid biosynthesis proteins	Sivasamy Sethupathy, Sivagnanam Ananthi, Anthonyimuthu Selvaraj, Balakrishnan Shanmuganathan, Loganathan Vigneshwari, Krishnaswamy Balamurugan, Sundarasamy Mahalingam, Shunmugiah Karutha Pandian	Scientific Reports	2017	1	Department of Biotechnology, Laboratory of Molecular Virology and Cell Biology, Department of Biotechnology, Indian Institute of	0

					Technology Madras	
A suggestion for a good anode material synthesized and characterized	Dr. C. Ganesa Moorthy	Discovery	2017	1	Alagappa University	0
Extracting Frequent Patterns by Combining PSO and K-Means with Downward based Ranking	Dr. N. Anbazhagan	European Journal of Scientific Research	2017	0	Alagappa University	0
Studies on reproductive stress caused by candidate Gram positive and Gram negative bacteria using model organism, Caenorhabditis elegans	Sharika R, Subbiah P and Balamurugan K	Gene	2018	0	Department of Biotechnology	1
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Essential of Human Resource Information System in current Scenario	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Modulation of Staphylococcus epidermidis RP62A extracellular polymeric layer by marine cyclic dipeptide cyclo L leucyl L prolyl thwarts biofilm formation	Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian	BBA Biomembranes	2017	2	Department of Biotechnology	2
Quorum sensing mediated virulence inhibition of an opportunistic human pathogen Serratia marcescens from unexplored marine sediment of Palk	Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash Viszwapriya, Shunmugiah Karutha Pandian	Indian Journal of Experimental Biology	2017	0	Department of Biotechnology	0

Bay through function driven metagenomic approach						
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Durairajan Rubini, Sanaulla Farisa Banu, B. Narayanan Veda Hari, Durai Ramya Devi, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Paramasivam Nithyanand	Food and Chemical Toxicology	2018	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases, School of Chemical and Biotechnology, SASTRA Deemed University, School of Chemical and Biotechnology, SASTRA Deemed University, Department of Biotechnology	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Pandiyan Muthuramalingam, Subramanian Radhesh Krishnan, Subramani Pandian, Narayanan Mareeswaran, Wilson Aruni, Shunmugiah Karutha Pandian and Manikandan Ramesh	Scientific reports	2018	0	Department of Biotechnology, T Stanes and Company Ltd, Phytopharm a Testing Laboratory, Division of Microbiology, School of Medicine	0
Biopolymer zeincoated gold nanoparticles:	Suganya P, Vaseeharan B, Vijayakumar S	Journal of Photochemistry	2017	10	Department of Animal Health and	0

synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i>	S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Photobiology, B: Biology			Management	
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin films	Karupanan Periyanan Ganesan N.Anandhana V.Dharumand Ponnusamy Samic R.Pannerselva ma T. Marimuthu	Results in Physics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
In vivo protective effect of geraniol on colonization of <i>Staphylococcus epidermidis</i> in rat jugular vein catheter model	Arunachalam Kannappan, Ramar Mohankumar, Ramanathan Srinivasan, Govindaraju Archunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi	Pathogens and disease	2018	0	Department of Biotechnology, National Facility for Drug Development NFDD for Academia, Pharmaceutical and Allied Industries / Department of Pharmaceutical Technology, Centre for Pheromone Technology	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Murugesan Sivaranjani, Ramanathan Srinivasan, Chairmandurai Aravindraja, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Biofouling	2018	0	Department of Biotechnology	0

Inhibition of quorum sensing mediated virulence in <i>Serratia marcescens</i> by <i>Bacillus subtilis</i> R 18	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	Department of Biotechnology	0
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	Department of Biotechnology	0
Structural and Morphological Studies on $\text{Li}_2\text{FeO} \cdot 5\text{MnO} \cdot 5\text{SiO}_4/\text{C}$ Composite Synthesized Using Polyvinyl Alcohol for Energy Storage Devices	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 296	2018	0	Department of Physics	0
In vitro and in vivo effect of 2,6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i> spp	Sivasubramanian Santhakumari, Rengarajan Jayakumar, Ravichandran Logalakshmi, Narayanan Marimuthu Prabhu, Abdul KuthusAbdul Nazar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	International journal of food microbiology	2018	0	Department of Biotechnology, Mandapam Regional Centre, Central Marine Fisheries Research Institute, Department of Animal Health and Management	0
LIGOs Detected Magnetic Field Waves not Gravitational Waves	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary	2017	1	Alagappa University	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in <i>Staphylococcus</i>	Arunachalam Kannappan, Murugesan Sivaranjani, Ramanathan Srinivasan, JanarthanamRathna,	Journal of medical microbiology	2017	5	Department of Biotechnology	0

epidermidis RP62A	Shunmugiah Karutha Pandian, Arumugam Veera Ravi					
Global proteomics revealed Klebsiella pneumoniae induced autophagy and oxidative stress in Caenorhabditis elegans by inhibiting PI3K/AKT/mTOR pathway during infection	Kamaladevi A and Balamurugan K	Frontiers in Cellular and Infection Microbiology	2017	3	Department of Biotechnology	3
Model system based proteomics to understand the host response during bacterial infections	Kamaladevi A, Marudhupandian S and Balamurugan K	Molecular BioSystems	2018	0	Department of Biotechnology	0
Multivariate analysis of increase in life span of Caenorhabditis elegans through intestinal colonization by indigenous probiotic strains	Kavitha S, Pooranachithra M, Balamurugan K and Goel G	Probiotics and Antimicrobial Proteins	2018	0	Department of Biotechnology and Bioinformatics Jaypee University of Information Technology / Department of Biotechnology	0
In vitro and in vivo effect of 2,6-Di-tert-butyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Biological synthesis of silver	Anjugam M, Vaseeharan B, Iswarya A,	Microbial Pathogenesis	2018	5	Disease Control and	2

nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Divya M, Prabhu NM, Sankaranarayanan K				Prevention Lab, Department of Animal Health and Management	
Bioprospecting of coral (<i>Porites lutea</i>) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
A facile electrochemical hydrothermal synthesis and characterization of zinc oxide hierarchical structure for dye sensitized solar cell applications	Dr.N.Anandhan	Journal of Materials Science	2018	0	Department of Physics	0
Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal Health and Management	3
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26

In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from <i>Spatoglossum asperum</i>	S. Palanisamy, M.Vinosh, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
Isolation of fucoidan from <i>Sargassum polycystum</i> brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinosh, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunathan P. Biruntha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka	Cancer gene therapy	2018	0	Department of Animal Health and Management	0
Studies on Stress Protein Produced by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from <i>Spatoglossum asperum</i> and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinosh Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu	Journal of Photochemistry and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0

	Narayanan Marimuthu					
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Extracting of Positive and Negative Association Rules	Dr. N. Anbazhagan	International Journal of Emerging Research in Management and Technology	2017	0	Alagappa University	0
A note on Lattice ordered Fuzzy Soft Group	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2018	0	Alagappa university	0
On Lattice ordered soft groups	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2017	0	Alagappa University	0
Algebraic	Dr. J. Vimala	International	2017	0	Alagappa	0

applications on L Fuzzy soft group		journal of soft computing			University	
Pure and cobalt	Dr.G.Ravi	Applied Physics A 124 (7), 511	2018	0	Department of Physics	0
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through ubiquitination	Loganathan Vigneshwari, BoopathiBalasubramaniam, Sivasamy Sethupathy, Shunmugiah Karutha Pandian and Krishnaswamy Balamurugan	RSC Advances	2018	0	Department of Biotechnology	0
Polyol technique synthesis of Nb2O5 coated on LiFePO4 cathode materials for Li ion storage	Dr.M.Sivakumar Dr.R.Subadevi	Ionics 24 (4), 989	2018	0	Department of Physics	0
Growth and characterization of ZnO nanostructure on TiO2 ZnO films as a light scattering layer for dye sensitized solar cells Materials	Dr.N.Anandhan	Research Bulletin,2017	2017	0	Department of Physics	6
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3
Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Low energy nitrogen ion beam implanted tungsten trioxide thin films	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0

modified indium tin oxide electrode based acetylcholine sensor						
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Ravi AV, Pandian SK and Ramesh M	Environmental Science and Pollution Research	2017	6	Alagappa University, Karaikudi, Ben Gurion University of Nagev, Beer Sheva	6
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Fabrication of Ce doped hydroxyapatite NPs based nonenzymatic electrochemical sensor for the simultaneous determination of norepinephrine, uric acid.	Ponnusamy Kanchana, Mani Navaneethan, Chinnathambi Sekar	Materials Science and Engineering	2017	0	Department of Bioelectronics and Biosensors	0
Why Do Distant Planets Have Speedy Winds	Dr. C. Ganesa Moorthy	Imperial Journal of Interdisciplinary Research	2017	0	Alagappa University	0
Electrochemical detection of estrus specific phenolic compound pcesrol to assess the reproductive phase of certain farm animals	N Sudhan, C Manikkaraja, V Balasubramanian, G Archunan, C Sekar	Biochemical Engineering Journal	2017	0	Department of Bioelectronics and Biosensors	0
Supported binary liposome vesiclegold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory, Department of Bioelectronics and	5

					Biosensors	
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin films	Karupanan Periyanan Ganesan N. Anandhana V. Dharumand Ponnusamy Sami R. Pannerselva ma T. Marimuthu	Results in Physics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Farm Income in India Myths and Realities	Dr. A. Narayanamoorthy	Indian Journal of Agricultural Economics	2017	0	Alagappa University	3
Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
Onestep coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its selfhealing threedimensional nanohybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3
An Amazing nutritional Value in Wonderful Finger Millet Makes This The Most Lovable Food Crop to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	Alagappa University / Karaikudi, Pondicherry University / Puducherry	0
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	Alagappa University	0

Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	Alagappa University / Karaikudi. T Stanes and Company Limited, Coimbatore	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Kannappan A, Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Pathogens and Disease	2018	0	Department of Biotechnology	0
Hexamine Role on Pseudocapacitive Behaviour of Cobalt Oxide (Co3O4) Nanopowders	Dr.G.Ravi	Journal of nanoscience and nanotechnology 18 (6), 4093	2018	0	Department of Physics	0
Rainfed AREas Poor definition and Flawed Solutions	Dr. A. Narayamoorthy	International Journal of water Resources Development	2018	0	Alagappa University	1
Preparation and Characterization of Hybrid Chitosan/PEO Silica Membrane Doped with Phosphotungstic Acid for PEM Fuel Cell Application	Dr.M.Ramesh Prabhu	Polymer Plastics Technology and Engineering	2018	0	Department of Physics	0
Improved Agrobacterium mediated transformation and rapid regeneration in four cultivars of	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture	2017	2	Alagappa University, Ben Gurion University of Nagev, Entomology	2

finger millet					Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds	
Phytol shows anti angiogenic activity and induces apoptosis in A549 cells by depolarizing the mitochondrial membrane potential	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacotherapy	2018	0	Department of Biotechnology	0
In vitro activity of omangostin in killing and eradicating Staphylococcus epidermidis RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R.	2018	0	Alagappa Institute of Management	0

Public Finance		Ambadkar: Chief of Architect of Making Moden India, Alagappa University				
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Opportunities and Challenges in Green Banking	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
Performance Management System in star Hotels of Tamilnadu: An Overview	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium EnterpriseBefore	Dr. S. Rajamohan	Zenith International Journal of	2018	0	Alagappa Institute of	0

and After the MSMED Act, 2006		Business Economics and Management Research			Management	
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Dr. Ambedkar's Thoughts on Monetary Economics and Public Finance	Dr. S. Rajamohan	Proceeding of the National Conference on Dr. B. R. Ambadkar: Chief of Architect of Making Moden India, Alagappa University	2018	0	Alagappa Institute of Management	0
Impact of FDI in the growth of multinational companies	Dr.K.Chandrasekar	International Journal Of Multidisciplinary Researches	2018	0	Alagappa Institute of Management	0
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin films	Karupanan PeriyanaGanesan N.Anandhana V.Dharumand PonnusamySami c R.Pannerselva ma T. Marimuthu	Results in Physics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Graphene oxide supported liposomes for efficient label freeelectrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
Onestep coelectrodeposition assisted layerby layer assembly of gold nanoparticles and	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman,	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3

reduced graphene oxide and its selfhealing threedimensional nanohybrid for an ultrasensitive DNA sensor	Huangxian Ju, Ramendra Sundar Dey, Yangping Wen					
LayerbyLayerAssembled AuNPsDecorated FirstGeneration Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNAHybrid	Kumarasamy Jayakumar, María Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectronics and Biosensors	0
Financial Performance of Indias Irrigation Sector A Historical Analysis	Dr. A. Narayanamoorthy	International Journal of Water Resources Development	2018	0	Alagappa University	1
Deposition of transition metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthangam, P.Muthukumaran and J.Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3
Stable and robust nanobiocomposite	Nathiya. D, Muthukumaran.	Electrochimica Acta	2017	1	Department of	1

Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap	P, Wilson. J, Gurunathan. K				Bioelectronics and Biosensors	
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/Protein interaction, Anticancer activity and toxicity against 14 species of microbe pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
Experimental and computational Assessment of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry 7 Photobiology	2018	0	Department of Botany	0
Facile synthesis of blue anatase TiO2 films by solvent evaporation method	Dr. R. Sivakumar	J Material Science Material Electronics 28 (2017) 15074	2017	0	Department of Physics	2

Structural Confinement Assisted a Robust Superparamagnetic State in MgNi ₂ O ₃ and MgNi _{1.5} Co _{0.5} O ₃ Nanoparticles at Room Temperature	M Kanagaraj, I Phebe Kokila, R Sofia Jeniffer, P Sathish Kumar, Helen Annal Therese, M Kumaresavanji, C Sekar	Journal of Superconductivity and Novel Magnetism	2018	0	Department of Bioelectronics and Biosensors	0
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Ríos Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Faunistic studies on Macrozooplankton at Sundarapandianpattinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
Emerging Commodity	Dr. S. Rajamohan	TSM Business Review,	2017	0	Alagappa Institute	0

Exchanges In Globalized Economy		International Journal of Management			of Management	
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research Journal	2017	0	Alagappa Institute of Management	0
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Nexus Amidst Asian Continent Stock Exchange Indices	Dr. S. Rajamohan	Asian Journal of Management	2017	0	Alagappa Institute of Management	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Unit Root Test of	Dr. S.	International	2018	0	Alagappa	0

Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Rajamohan	Journal of Advanced Research in Management and Social Sciences			Institute of Management	
Biopolymer zeincoated gold nanoparticles: synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	10	Department of Animal Health and Management	0
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenesis	2017	4	Department of Animal Health and Management	0
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	4	Department of Animal Health and Management	0
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelli R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S,	Environmental Science and Pollution Resaerch	2017	34	Department of Animal Health and Management	0

	Hinguchi A					
Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	10	Department of Animal Health and Management	0
Ecotoxicity of Musa paradisiaca leaf extract coated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G	Limnologica Ecology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnology	1
Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Ishwarya R, Vaseeharan B, Kalyani S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2018	13	Department of Animal Health and Management	0

Grewiatiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	Department of Biotechnology	0
High efficacy of (Z)γbisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yazhiniprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
Effect of β1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response disease resistance in Oreochromis mossambicus against Aeromonas hydrophila	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0
Antibiofilm, anti cancer and ecotoxicity	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and	0

properties of collagen based ZnO nanoparticles.					Management	
In vitro and in vivo effect of 2,6Ditertbutyl4methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnology	8
Bioprospecting of coral (Porites lutea) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal Health and Management	3
A Study on Fuzzy soft Cardinality in lattice ordered Fuzzy soft group and Its Application	Dr. J. Vimala	Journal of Intelligent and Fuzzy Systems	2017	0	Alagappa University	0

In Decision Making Problems						
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnology	1
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelle R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A	Environmental Science and Pollution Resaerch	2017	34	Department of Animal Health and Management	0
Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	10	Department of Animal Health and Management	0
Ecotoxicity of Musa paradisiaca leaf extract coated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G	LimnologicaEcology and Management of Inland Waters	2018	6	Department of Animal Health and Management	0
Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and	Ishwarya R, Vaseeharan B, Kalyani S, Banumathi B, Govindarajan M, Alharbi N S,	Journal of Photochemistry and Photobiology, B: Biology	2018	13	Department of Animal Health and Management	0

evaluation of their photocatalytic, antibiofilm and insecticidal activity	Kadaikunnan S, Alanbr M N, Khaled J M , Benelli G					
High efficacy of (Z) γ bisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Swift fabrication of Ag nanostructures using a colloidal solution of Holostemma adakodien (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yazhiniprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	1	Department of Animal Health and Management	0
Performance enhancement of minutiae extraction	Dr. V. Palanisamy and R.AnandhaJothi	International Journal of Pure and Applied Mathematics	2018	2	Alagappa University	1
In vitro antagonistic activity and the protective effect of probiotic Bacillus licheniformis Dahb1 in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Girija V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0
Insecticidal activity of	Benelli G, Govindarajan	Ecotoxicology and	2018	2	Department of Animal	0

camphene, zerumbone and chumulene from Cheilocostus speciosus rhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	Environmental Safety			Health and Management	
Elucidation on effect of Pelargonidin towards cell cycle regulators and DNA methyltransferases in human colorectal cancer cells: A molecular dynamic simulation approach	Dr. Sanjeev Kumar Singh	Comput. Biol. Chem.	2017	0	Department of Bioinformatics	0
Atombased 3DQSAR, induced fit docking, and molecular dynamics simulations study of thieno[2,3b]pyridines negative allosteric modulators of mGluR5	Dr. Sanjeev Kumar Singh	J Recept Signal Transduct.	2018	0	Department of Bioinformatics	0
Vitexin inhibits A β 2535 induced toxicity in Neuro2a cells by augmenting Nrf2/HO1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α .	Dr. Sanjeev Kumar Singh	Toxicol. in Vitro	2018	0	Department of Bioinformatics	0
E7 Oncoprotein of Human Papillomavirus: Structural Dynamics and	Dr. Sanjeev Kumar Singh	Gene	2018	0	Department of Bioinformatics	0

Inhibitor Screening Study						
An overview on Zika Virus and the importance of Computational Drug Discovery	Dr. Sanjeev Kumar Singh	J. Exp. Pharmacol.	2018	0	Department of Bioinformatics	0
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Dr. Sanjeev Kumar Singh	Sci. Rep.	2018	0	Department of Bioinformatics	0
Unravelling Novel Congeners from Acetyllysine Mimicking Ligand Targeting a lysine acetyltransferase PCAF Bromodomain	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2018	0	Department of Bioinformatics	0
Studies on reproductive stress caused by candidate Gram positive and Gram negative bacteria using model organism, Caenorhabditis elegans	Sharika R, Subbiah P and Balamurugan K	Gene	2018	0	Department of Biotechnology	1
O GlcNACylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through Ubiquitination	Vigneshwari L, Balasubramani am B, Sethupathy S, Karutha Pandian S, and Balamurugan K	RSC Advances	2018	0	Department of Biotechnology	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0

Trends and Issues of Minimum Support Price on Farmers Well Being	Dr. S. Rajamohan	Asian Academic Research Journal of Social Science and Humanities	2018	0	Alagappa Institute of Management	0
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
High efficacy of (Z) γ bisabolene from the essential oil of Galinsoga parviflora (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	2	Department of Animal Health and Management	0
Phytolloaded PLGA nanoparticle as a modulator of Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Sathya, S., Shanmuganathan, B., Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	Artificial Cells, Nanomedicine, and Biotechnology	2017	0	Department of Biotechnology	0
Gelidiellaacerosa protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	0
Cholinesterase inhibitory, antiamyloidogenic and neuroprotective effect of the medicinal plant Grewiatiliaefolia - an in vitro and in silico study	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	Department of Biotechnology	6

Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on <i>Vibrio paraholyticusaem</i>	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	Department of Biotechnology	4
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnology	8
Impact of Social Media	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	Department of Computer Science	0
A mini review on the chemistry and neuroprotective effects of silymarin	Devi KP, Malar DS, Braidy N, Nabavi SM and Nabavi SF	Current Drug Targets	2017	0	Department of Biotechnology	1
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant <i>Staphylococcus aureus</i>	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnology	0
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0

of India						
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on <i>Vibrio paraholyticusaem</i>	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by <i>Candida</i> spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Journal of Medical Mycology [Elsevier, France]	2018	1	Department of Biotechnology	1
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M., Gowrishankar, S., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
Trends of Tourists Inflow in Andaman and Nicobar Islands	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Study and Analysis of Infrequent Behavior Patterns in Business Process Event Logs	Dr.S.Santhosh kumar	International Journal of Computer Science and Mobile Computing	2018	0	Department of Computer Science	0
High coloration efficiency, high reversibility and fast switching response of nebulized spray deposited anatase TiO ₂ thin films	Dr. R. Sivakumar	Electrochemical Acta 255 (2017) 358	2017	0	Department of Physics	1

for electrochromic applications						
Worrisome Trends and Issues of Agriculture in Tamil Nadu	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Necessitate of Eco Tourism in Modern India	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Role of Corporate Social ResponsibilitiesA n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
MnS films with 3D microarchitecture s comprehensive study of the synthesis, micro structural, optical and magnetic properties	Dr. R. Sivakumar	Crystal Engineering Comm 20 (2018) 578	2018	0	Department of Physics	0
Characterization of amorphous and transparent RF sputtered V2O5 doped WO3 thin films	Dr. R. Sivakumar	Adv Biomaterial Research 1 (2018) 1	2018	0	Department of Physics	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Kannappan A, Sivaranjani M, Srinivasan R, Rathna J, Pandian SK and Ravi AV	Journal of Medical Microbiology	2017	0	Department of Biotechnology	0
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3
Antiamyloidogenic and antiapoptotic	Dr. Sanjeev Kumar Singh	Eur. J. Med. Chem.	2017	2	Department of	0

effect of abisabolol against A β induced neurotoxicity in PC12 cells					Bioinformatics	
Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	3	Department of Biotechnology	3
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidecyclo(LleucylLprolyl) thwarts biofilm formation	Gowrishankar, S Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	2	Department of Biotechnology	2
In vitro activity of α mangostin in killing and eradicating Staphylococcus epidermidis RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab Portunus pelagicus and their antibiofilm properties	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Journal of Fish and Shellfish Immunology	2017	9	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi	Journal of Microbial Pathogenesis	2017	22	Biomaterials and Biotechnology in Animal	0

against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G				Health Lab, Department of Animal Health and Management	
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	Department of Biotechnol ogy	8
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganatha n B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	Department of Biotechnol ogy	1
A mini review on the chemistry and neuroprotective effects of silymarin	Devi KP, Malar DS, Braidy N, Nabavi SM and Nabavi SF	Current Drug Targets	2017	0	Department of Biotechnol ogy	1
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnol ogy	0
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0

of India						
Photovoltaic device performance of electron beam evaporated Glass/TCO/CdS/CdTe/Au heterostructure solar cell	Dr. R. Sivakumar	Journal of Science Adv Material Devices	2018	0	Department of Physics	0
Exploring the antiviral and sea food preservation efficacy of Essential oil combined with DNase on <i>Vibrio paraholyticusaem</i>	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by <i>Candida</i> spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Journal of Medical Mycology [Elsevier, France]	2018	1	Department of Biotechnology	1
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M., Gowrishankar, S., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against	Kannappan, A., Gowrishankar, S., Srinivasan,	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3

methicillin resistant Staphylococcus aureus	R., Pandian, S.K., and Ravi, A.V					
Role of Corporate Social Responsibilities A n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO nanoparticles.	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0
Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	3	Department of Biotechnology	3
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidocyclo(L-leucylL-prolyl) thwarts biofilm	Gowrishankar, S Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	2	Department of Biotechnology	2

formation						
In vitro activity of omangostin in killing and eradicating Staphylococcus epidermidis RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
Green synthesized silver nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia corunta Crustaceans	Ishwarya R, Vaseeharan B, Shanthy S, Benelli G	Journal of Cluster Science	2017	5	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab Portunus pelagicus and their antibiofilm properties	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Journal of Fish and Shellfish Immunology	2017	9	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G	Journal of Microbial Pathogenesis	2017	22	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management	0
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	Alagappa University	3
Synthesis and	Palanisamy S,	Journal of	2017	1	Department	0

distribution of bioinspired silver nanoparticles using spirulina extract for control of Vibrio parahaemolyticus infection in aquaculture	Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Asian Journal of Chemistry			of Animal Health and Management	
Sargassum wightiisynthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	5	Department of Animal Health and Management	0
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayan amoorthy M	Microbial Pathogenesis	2017	18	Department of Animal Health and Management	0
Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and	Banumathi B, Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	7	Department of Animal Health and Management	0

production of greencoated zinc oxide nanoparticles.						
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on Ceriodaphnia cornuta	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Synthesis and distribution of bioinspired silver nanoparticles using spirulina extract for control of Vibrio parahaemolyticus infection in aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	1	Department of Animal Health and Management	0
5 hydroxymethyl 2 furaldehyde from marine bacterium Bacillus subtilis inhibits biofilm and virulence of Candida albicans	Ganapathy Ashwinkumar Sudrameniam, Thirukannamangai Krishnan Swetha, Prasanth Mani Iyer, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Microbiological Research	2017	2	Department of Biotechnology	1
Sargassum wightii synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil	Physiological and Molecular Plant Pathology	2017	5	Department of Animal Health and Management	0

	Nathan S, Canale A, Benelli G					
Biocompatible properties of nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
Ideal Approach on Lattice ordered Fuzzy Soft Group and its Application on selecting best Mobile Network coverage among Travelling paths	Dr. J. Vimala	ARPN Journal of Engineering and Applied sciences	2018	1	Alagappa University	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Implementation of boolean algebraic structure and its decision making approach over lattice ordered multisets	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	Alagappa University	0
Lattice ordered interval valued hesitant fuzzy soft sets in decision making problem	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	Alagappa University	0
Designing modular and distributive lattices using soft group	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	Alagappa University	0
Nonlinear integro differential equations with small unknown parameters A Controllability analysis problem	Mrs. B. Sundaravadivo	Mathematics and Computers in Simulation	2017	0	Alagappa University	0
Controllability	Mrs. B.	International	2017	0	Alagappa	0

analysis of nonlinear neutral type fractional order differential systems with state delay and impulsive effects	Sundaravadivo	Journal of Control, Automation and Systems			University	
Enhanced robust finite time passivity for Markovian jumping discrete time BAM neural networks with leakage delay	Dr.R.Raja	Advances in Difference Equations	2017	0	Alagappa University	0
Passivity analysis of uncertain stochastic neural network with leakage and distributed delays under impulsive perturbations	Dr.R.Raja	Kybernetika	2018	0	Alagappa University	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Study and Analysis of Influential Node Tracking in Social Networks	Dr.S.Santhoshkumar	International Research Journal of Engineering and Technology (IRJET)	2018	0	Department of Computer Science	0
Electrochemically modified crystal orientation,	Dr.N.Anandhan	Results in Physics	2017	0	Department of PhysicsDep	1

surface morphology and optical properties using CTAB on Cu ₂ O thin films					Department of Physics	
Supported binary liposome vesicle gold nanoparticle for enhanced label free DNA and protein sensing	Divya Karutha Pandian, Venkataraman Dharuman	Biosensors and Bioelectronics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	5
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin films	Karupanan Periyana Ganesan N.Anandhana V.Dharumand Ponnusamy Sami c R.Pannerselva ma T. Marimuthu	Results in Physics	2017	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
One step coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its self healing three dimensional nanohybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, María Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3

A mini review on the chemistry and neuroprotective effects of silymarin	Devi KP, Malar DS, Braidy N, Nabavi SM and Nabavi SF	Current Drug Targets	2017	0	Department of Biotechnol ogy	1
Active Database System Approach in the Development of Academic Information System	Dr.RM. Vidhyavathi	IJET	2017	0	Department of Bioinforma tics	0
Electrochemical, microstructural, compositional and optical characterization of copper oxide and copper sulfide thin films	Dr.K.Sankaran arayanan	Journal of Materials Science: Materials in Electronics, 1	2018	0	Department of Physics	0
Determinants of Successful Entrepreneurship: A Study Among the Women Entrepreneurs in Network Marketing	Dr.C.Vethiraj an	International Journal of Exclusive Management Research	2018	0	Department of Corporate Secretarys hip	0
5 hydroxymethyl 2 furaldehyde from marine bacterium Bacillus subtilis inhibits biofilm and virulence of Candida albicans	Ganapathy AshwinkumarSu bramenium, Thirukannaman gai Krishnan Swetha, Prasanth Mani Iyer, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Microbiologic al Research	2017	2	Department of Biotechnol ogy	1
LayerbyLayerAssembled AuNPsDecorated FirstGeneration Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D	Kumarasamy Jayakumar, María Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectro nics and Biosensors	0

Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNAHybri	Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen					
Deposition of transition metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthangam, P.Muthukumaran and J.Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimica Acta	2017	1	Department of Bioelectronics and Biosensors	1
Electron beamirradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0

Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/ Protein interaction, Anticancer activity and toxicity against 14 species of microble pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Experimental and computational Assessmzzent of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry 7 Photobiology	2018	0	Department of Botany	0
Biocompatible properties of nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
Synthesis of TiO ₂ nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Exploring multi potential uses of marine bacteria	K.Mohanrasu, N.Premnath, G.Siva	Journal of Photochemistry and	2018	0	Department of Energy Science,	0

an integrated approach for PHB production, PAHs and polyethylene biodegradation	Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	Photobiology B: Biology			Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Ravi AV, Pandian SK and Ramesh M	Environmental Science and Pollution Research	2017	6	Alagappa University / Karaikudi, Ben Gurion University of Nagev, Beer Sheva	6
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	2017	0	Department of Biotechnology	1

of Artemia franciscana against virulent vibrios						
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New Harbour Area, Tuticorin, Green Processing / Bioremediation and Alternative Energies R	0
Hydrothermal synthesis of spherical NiCO ₂ O ₄ nanoparticles as a positive electrode for pseudocapacitor applications	Dr. R. Yuvakkumar	Journal of Sol Gel Science and Technology 84 (2), 297305	2018	0	Department of Physics	0
Hexamine, PEG 400 effect on α MoO ₃ nanoparticle synthesis for pseudo capacitance applications	Dr. R. Yuvakkumar	Journal of Materials Science Materials in Electronics 28 (18), 1378013786	2018	0	Department of Physics	0
Structural, optical and magnetic properties of CuFe ₂ O ₄	Dr. R. Yuvakkumar	Journal of Materials Science Materials in Electronics,	2018	0	Department of Physics	0

nanoparticles		110				
Microwave synthesis of metal doped TiO ₂ for photocatalytic applications	Dr.S.Karuppuchamy	Journal of Materials Science Materials Electron	2017	0	Department of Energy Science	0
Preparation of one dimensional Titanium dioxide nanowires using electrospinning process for dye sensitized solar cells	Dr.S.Karuppuchamy	Journal of Materials Science Materials Electron	2017	0	Department of Energy Science	0
Synthesis of TiO ₂ Nanofiber for Photocatalytic and Antibacterial Applications	Dr.S.Karuppuchamy	Journal of Material Science Material Electron	2017	2	Department of Energy Science	0
Photo assisted advanced oxidation processes for Rhodamine B degradation using ZnO Ag nanocomposite materials	Dr.S.Karuppuchamy	Journal of Environmental Chemical Engineering	2017	2	Department of Energy Science	0
The Effects of MAPP and OPDC on Physical and Mechanical Properties of OPDC RPC	Dr.S.Karuppuchamy	Journal of Mechanical Engineering	2017	0	Department of Energy Science	0
Inorganic based hole transport materials for perovskite solar cells	Dr.S.Karuppuchamy	Journal of Materials Science Materials in Electronics	2018	1	Department of Energy Science	0
Comparative Analysis of performance efficiency and security measures of some encryption algorithm	Dr.V.Palanisamy	International Journal of Engineering Research and Applications	2017	12	Alagappa University	12
Stable and Flexible Weight based clustering algorithm in	Dr.V.Palanisamy	International Journal of Computer Science and	2017	6	Alagappa University	6

mobile Ad hoc networks		Information Technologies				
Hybrid cryptography by the implementation of RSA and AES	Dr.V.Palanisamy	International Journal of current research	2017	6	Alagappa University	6
An efficient cluster based approach multi source multicast routing protocol in mobile Ad hoc network	Dr.V.Palanisamy	International journal of computer network and communications	2018	2	Alagappa University	2
Robust Visual Target Tracking via nearest Sequential Boundry Pattern	Dr. K. Mahesh	International Journal of Pure and Applied Mathematics	2017	1	Kalasalingam University / KrishnanKoil	1
Improved Wavelet Compression Algorithm for Color Image	AnanthaBabu S and EswaranPerumal	ICTACT Journal on Image and Video Processing	2017	0	Department of Computer Applications	0
Wavelet Based Improved Coding Techniques (WBIC) for Grayscale Images using Lossy Compression	AnanthaBabu S and EswaranPerumal	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Multi Secret Image Sharing Scheme based on DNA Cryptography with XOR	Ramya Princess Mary EswaranPerumal and K.Shankar	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Performance Evaluation of Adaptive Minimum Mean Square Error in WCDMA	Uma Devi V and EswaranPerumal	International Journal of Pure and Applied Mathematics	2017	0	Department of Computer Applications	0
Active Database System Approach and Rule Based in the Development of Academic Information System	M.Miftakul Amin, AndinoMaseleno, K.Shankar, EswaranPerumal, R.M.Vidhyavathi, SK.Lakshmanaprabu	International journal of Engineering and Technology	2018	0	Department of Computer Applications	0
Combinations of	AnanthaBabuS	International	2018	0	Department	0

DCT and DWT approach using Run Length Coding in Wavelet Image Compression	and EswaranPerumal	Journal for Research in Engineering Application and Management			of Computer Applications	
Investigation of antioxidant and anticancer potential of fucoidan from Sargassum polycystum	Palanisamy. S, Vinosha. M, Manikandakrishnan. M, Anjali. R, Rajasekar. P, Marudhupandi. T, Manikandan. R, Vaseeharan B, Prabhu. N. M	International Journal of Biological Macromolecules	2018	1	Department of Animal Health and Management	0
Robust Visual Target Tracking via nearest Sequential Boundry Pattern	Dr. K. Mahesh	International Journal of Pure and Applied Mathematics	2017	1	Kalasalingam University / Krishnankoil	1
In vitro antagonistic activity and the protective effect of probiotic Bacillus licheniformis Dah1 in Zebrafish challenged with GFP tagged Vibrio parahaemolyticus Dahv2	Girija V, Malaikozhundan M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	Microbial Pathogenesis	2018	1	Department of Animal Health and Management	0
Searching for crabborne antimicrobial peptides: Crustin from Portunus pelagicus triggers biofilm inhibition and immune responses of Artemia salina against GFP tagged Vibrio parahaemolyticus Dahv2	Rekha. R, Vaseeharan B, Ishwarya. R, Anjugam. M, Naiyf S. Alharbi, Kadaikunnan. S, Jamal M. Khaled, Mohammed N. Alanbrb, Govindarajan. M	Molecular Immunology	2018	0	Department of Animal Health and Management	0
StructureBased	D. Sasikala,	Journal of	2017	613	Department	0

Virtual screening and biological evaluation of LuxT inhibitors for targeting Quorum sensing through an in vitro biofilm formation	J. Jeyakanthan, P. Srinivasan	Molecular Structure			of Animal Health and Management	
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO nanoparticles.	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from Spatoglossum asperum and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinosha Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu	Journal of Photochemistry and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Rainfed AREas Poor definition and Flawed Solutions	Dr. A. Narayamoorthy	International Journal of water Resources Development	2018	0	Alagappa University	1
Comparative Study Of Big Data Analytical Tools	Dr.E.Ramaraj	International Journal Of Pure And	2017	0	Department of Computer	0

		Applied Mathematics			Science	
A Brief Review on Cloud Security Scenarios	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	34	Department of Computer Science	0
A study on Renewable Power Generation in India	Dr.S.S.Dhenakaran	International Journal for Modern Trends in Science and Technology	2017	0	Department of Computer Science	0
An Adequate Image Stegnography Method based on Bit Reversed Technique	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	0	Department of Computer Science Department of Computer Science	0
Optimal Multiple Watermark Embedding using Modified Krill Herd Algorithm and DCT	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	271	Department of Computer Science	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from <i>Scylla serrate</i> crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Sargassum wightiisynthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp <i>Penaeus</i>	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede,	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0

semisulcatus	Mohammed N. Alanbr					
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	3	Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Electrochemical synthesis of one dimensional ZnO nanostructures on ZnO seed layer for DSSC applications	Dr.N.Anandhan	Applied Surface Science, 428, 385	2018	0	Department of Physics	3
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab Portunus pelagicus and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Improved Wavelet Compression Algorithm for Color Image	AnanthaBabu S and EswaranPerumal	ICTACT Journal on Image and Video Processing	2017	0	Department of Computer Applications	0
Biomining drugs from the sea: high antibiofilm properties of haemocyanin purified from the haemolymph of	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N	Aquaculture	2018	3	Department of Animal Health and Management	0

flower crab Portunus pelagicus (L.) (Decapoda: Portunidae)	S, Khaled J M, Al anbr M N, Benelli G					
Encryption and Decryption of color images using visual cryptography	Dr.T.Meyyappa n	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Science	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from Scylla serrate crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecul es	2018	0	Department of Animal Health and Management	0
Sargassum wightiisynthesize d ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistr y and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0
Antibiofilm of Nocardiopsis sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response disease	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0

resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophila</i>						
In vitro and in vivo effect of 2,6-Ditertbutyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i>	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	Department of Animal Health and Management	0
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2
Bioprospecting of coral (<i>Porites lutea</i>) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
Secretarial Audit Compliance under Companies Act, 2013 in India	Dr.V.Balachandran	The International Journal of Advanced Research in Management and Social Sciences	2017	0	Department of Corporate Secretaryship	0
Antibiofilm of <i>Nocardia</i> sp. GRCi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Automated crime Data computing and Criminals Matching Using Data Mining	Dr.T.Meyyappan	International Journal for Modern Trends in Science and	2017	0	Department of Computer Science	0

Techniques		Technology				
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal Health and Management	3
Growth and characterization of ZnO nanostructure on TiO ₂ /ZnO films as a light scattering layer for dye sensitized solar cells Materials	Dr.N.Anandhan	Research Bulletin,2017	2017	0	Department of Physics	6
Preparation and Characterization of Hybrid Chitosan/PEO Silica Membrane Doped with Phosphotungstic Acid for PEM Fuel Cell Application	Dr.M.Ramesh Prabhu	Polymer Plastics Technology and Engineering	2018	0	Department of Physics	0
Influence of sulfonated GO/sulfonated biopolymer as polymer electrolyte membrane for fuel cell application	Dr.M.Ramesh Prabhu	Journal of Materials Science Materials in Electronics 29	2018	0	Department of Physics	0
Biomining drugs from the sea: high antibiofilm properties of haemocyanin purified from the haemolymph of flower crab Portunus pelagicus (L.) (Decapoda: Portunidae)	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi NS, Khaled JM, Al anbr MN, Benelli G	Aquaculture	2018	3	Department of Animal Health and Management	0
Structural, electrical, and electrochemical	Dr.M.Ramesh Prabhu	Journal of Solid State Electrochemis	2018	0	Department of Physics	0

properties of poly based polymer blend electrolytes		try, 1				
Influence of barium zirconate on SPEEK based polymer electrolytes for PEM fuel cell applications	Dr.M.Ramesh Prabhu	Ionics, 1	2018	0	Department of Physics	0
Preparation and characterization of chitosan based nanocomposite hybrid polymer electrolyte membranes for fuel cell application	Dr.M.Ramesh Prabhu	Ionics, 1	2018	0	Department of Physics	0
Vertical Growth of ZnO Nanorods on ZnO Seeded FTO substrate for Dye Sensitized Solar cells	Dr.N.Anandhan	AIP Conference Proceeding	2018	0	Department of Physics	0
Hexamine Role on Pseudocapacitive Behaviour of Cobalt Oxide (Co3O4) Nanopowders	Dr.G.Ravi	Journal of nanoscience and nanotechnology 18 (6), 4093	2018	0	Department of Physics	0
Ionic liquid mediated Enhanced surface morphology of silver/manganese oxide/bentonite nanocomposite for improved biological activities	Dr.M.Ramesh Prabhu	Journal of Molecular Liquids 249, 1020	2018	0	Department of Physics	0
Synthesis, Growth, Spectral And Optical Properties Of 2 Aminopyridinium P Aminobenzoate Nonlinear Optical Single Crystal	Dr. S. Sudhahar	International Journal of Advance Engineering and Research Development	2018	0	Department of Physics	0
Synthesis, Growth And Characterization	Dr. S. Sudhahar	International Journal of Advance	2018	0	Department of Physics	0

Of 2 Amino 6 Methylpyridinium 6 Aminocaproate Nonlinear Optical Single Crystal		Engineering and Research Development				
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran N, Aruni W, Pandian SK and Ramesh M	Scientific Reports Nature Publishing Group, UK	2018	0	Alagappa University / Karaikudi. T. Stanes and Company Ltd. Loma Linda University, USA	0
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent Vibrio harveyi	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	4
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	2
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Kannappan A, Sivaranjani M, Srinivasan R, Rathna J, Pandian SK and Ravi AV	Journal of Medical Microbiology	2017	0	Department of Biotechnology	0
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemia franciscana	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	2017	0	Department of Biotechnology	1

against virulent vibrios						
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV and Ramesh M	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	4
Inhibition of quorum sensing dependent biofilm and virulence genes expression in environmental pathogen Serratia marcescens by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	Department of Biotechnology	0
Structure based Virtual Screening toward the discovery of novel inhibitors for impeding the protein-protein interaction between HIV1 integrase and human lens epithelium derived growth factor (LEDGF/p75)	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2017	1	Department of Bioinformatics	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against Serratia marcescens associated acute pyelonephritis infection in Wistar rats	Srinivasan R, Mohankumar R, Kannappan A, Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Frontiers in Cellular and Infection Microbiology	2017	0	Department of Biotechnology	3
Utilisation of Information Resources among	Utilisation of Information	Library Philosophy and Practice	2017	0	Alagappa University	0

the Civil Service Exam Aspirants at Chennai A Study	Resources among the Civil Service Exam Aspirants at Chennai A Study					
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen Serratia marcescens an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Academic performances by the faculty members of Mother Teresa Women s University and its affiliated colleges an evaluative study	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Faunistic studies on Macrozooplankton at Sundarapandianpat tinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0

Usage of Electronic Resources among Ophthalmologists	Dr. S. Thanuskodi	Library Philosophy and Practice	2017	0	Alagappa University	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Application of Bradford s Law of Scattering to the Discipline of Law Analysis of Doctoral Theses Citations Submitted by Universities in India	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
In vitro and in vivo effect of 2, 6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	Department of Biotechnology	0
An Assessment of women faculty members opinions about information literacy needs, search and evaluation competencies	Dr. R. Jeyshankar	Library Philosophy and Practice	2017	0	Alagappa University	0
Role of RPM on the synthesis of Sol Gel Derivate BSO Thin Films	Dr.N.Anandhan	International Research Journal of Engineering	2017	0	Department of Physics	0

		and Technologynd Tech				
Surface texture and luminous analysis of Sol Gel spin coated Dy doped ZnO thin films	Dr.N.Anandhan	International Research Journal of Engineering	2017	0	Department of Physics	1
Facile growth of ZnO nanowire arrays and nanoneedle arrays with flower structure on ZnO	Dr.N.Anandhan	J Alloys Compound	2017	0	Department of Physics	15
Effect of Polyvinyl Alcohol on Electrochemically Deposited ZnO Thin Films for DSSC Applications	Dr.N.Anandhan	AIP Conference Proceedings	2017	0	Department of Physics	1
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophila</i>	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	2	Department of Animal Health and Management	0
Synthesis and distribution of bioinspired silver nanoparticles using spirulina extract for control of <i>Vibrio parahaemolyticus</i> infection in aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	1	Department of Animal Health and Management	0
Role of Co doping on structural, morphological and magnetic properties of SILAR deposited magnetite (Fe ₃ O ₄)	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (3), 2484	2018	0	Department of Physics	0

thin films						
Structural, optical and magnetic properties of CuFe ₂ O ₄ nanoparticles	Dr.G.Ravi	Journal of Materials Science: Materials in Electronics 29 (3), 1975	2018	0	Department of Physics	0
Electrochemical characterization of FeMnO ₃ microspheres as potential material for energy storage applications	Dr.G.Ravi	Materials Research Express 5 (1), 015504	2018	0	Department of Physics	0
Surfactant assisted zinc doped tin oxide nanoparticles for supercapacitor applications	Dr.G.Ravi	Journal of Sol Gel Science and Technology, 1 to 15	2018	0	Department of Physics	0
Pure and alkaline metal ion (Mg, Ca, Sr, Ba) doped cerium oxide nanostructures for photo degradation of methylene blue	Dr.G.Ravi	Materials Research Bulletin 97, 319	2018	0	Department of Physics	0
Green synthesized silver nanoparticles demonstrating enhanced in vitro and in vivo antibiofilm activity against Candida spp.	Subramanian Muthamil, Vivekanandham Amsa Devi, Boopathi Balasubramanian, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Journal of Basic Microbiology	2018	0	Department of Biotechnology	0
Antibiofilm, anticancer and ecotoxicity properties of collagen based ZnO nanoparticles.	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	Department of Animal Health and Management	0
Synthesis and characterization of hausmannite (Mn ₃ O ₄) nanostructures	Dr.G.Ravi	Surfaces and Interfaces 11, 28	2018	0	Department of Physics	0

Radio frequency power induced changes of structural, morphological, optical and electrical properties of sputtered cadmium oxide thin films	Dr.G.Ravi	Thin Solid Films 654, 85	2018	0	Department of Physics	0
Synthesis and characterization of NiO/Ni ₃ V ₂ O ₈ nanocomposite for supercapacitor applications	Dr.G.Ravi	Materials Letters 219, 114	2018	0	Department of Physics	0
Role of different chelating agent in synthesis of copper doped tin oxide (Cu	Dr.G.Ravi	AIP Conference Proceedings 1953 (1), 030192	2018	0	Department of Physics	0
Effect of CTAB concentration on synthesis of nickel doped manganese oxide nanoparticles	Dr.G.Ravi	AIP Conference Proceedings 1953 (1), 030167	2018	0	Department of Physics	0
Facile synthesis of SnO ₂ /α-Fe ₂ O ₃ nanocomposite for supercapacitor applications	Dr.G.Ravi	AIP Conference Proceedings 1953 (1), 030111	2018	0	Department of Physics	0
Ferrimagnetism in cobalt ferrite (CoFe ₂ O ₄)	Dr.G.Ravi	Nano Structures and Nano objects 14, 84	2018	0	Department of Physics	0
Temperature dependent physicochemical properties of magnesium ferrites (MgFe ₂ O ₄)	Dr.G.Ravi	Applied Physics A 124 (4), 319	2018	0	Department of Physics	0
Electrochemically active XWO ₄ (X Co, Cu, Mn, Zn nanostructure for ware splitting applications	Dr.G.Ravi	Applied Nanoscience	2018	0	Department of Physics	0
Zinc oxide nanotips growth	Dr.G.Ravi	Journal of Materials	2018	0	Department of Physics	0

by controlling vapor deposition on substrates		Science: Materials in Electronics 29 (8), 6149				
Selected morphological, Structural and Optical properties of Cu ₂ O thin films at elevated annealing temperatures	Dr.N.Anandhan	Int. J of Adv. Engg. and Res. Devent	2018	0	Department of Physics	0
Studies on optoelectronic properties of magnetron Sputtered cadmium stannate (Cd ₂ SnO ₄) thin films as alternative TCO materials for solar cell applications	Dr.G.Ravi	Ceramics International 44 (2), 2529	2018	0	Department of Physics	0
In vitro and in vivo effect of 2, 6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	Department of Biotechnology	0
Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	3	Department of Biotechnology	3
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	4

quorum sensing mediated biofilm formation of Vibrio speciesAn in vitro and in vivo approach	and Ramesh M					
Inhibition of quorum sensingdependent biofilm and virulence genes expression in environmental pathogen Serratia marcescens by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	Department of Biotechnology	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against Serratia marcescens associated acute pyelonephritis infection in Wistar rats	Srinivasan R, Mohankumar R, Kannappan A, Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Frontiers in Cellular and Infection Microbiology	2017	0	Department of Biotechnology	3
LayerbyLayerAssembled AuNPsDecorated FirstGeneration Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric Analysis of Ultratrace DNAHybri	Kumarasamy Jayakumar, María Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy Barman, Yangping Wen	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectronics and Biosensors	0
Deposition of transistion metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectro	0

					tics and Biosensors	
Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthangam, P.Muthukumaran and J.Wilson	International Journal of Biological Macromolecules	2017	5	Department of Bioelectronics and Biosensors	3
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimica Acta	2017	1	Department of Bioelectronics and Biosensors	1
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal Health and Management	3
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale,	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26

	Giovanni Benelli					
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from <i>Spatoglossum asperum</i>	S. Palanisamy, M.Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
Isolation of fucoidan from <i>Sargassum polycystum</i> brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
Controlled synthesis and electrochemical properties of Ag doped Co3O4 nanorods	Dr. R. Yuvakkumar	International Journal of Hydrogen Energy	2018	0	Department of Physics	0
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunathan P. Biruntha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka	Cancer gene therapy	2018	0	Department of Animal Health and Management	0
Studies on Stress Protein Produced by Two Earthworm Species after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from <i>Spatoglossum</i>	Anjali Ravichandran, Palanisamy Subramanian, Vinsha Manoharan, Thenmozhi	Journal of Photochemistry and Photobiology, B: Biology	2018	0	Department of Animal Health and Management	0

asperum and assessment of antibacterial activities	Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu					
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandrasekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in Oreochromis mossambicus	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar Vijayakumar, Caterina Faggio	Ecotoxicology and Environmental Safety	2018	0	Department of Animal Health and Management	0
Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3

based on cetyltrimethylammonium bromide assisted SnO ₂ nanoparticles						
A Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro 2a cells from A β induced neurotoxicity	Sathya, S., Shanmuganathan, B., Manirathinam G., Ruckmani, K., and Devi KP	Journal of Molecular Liquids	2018	0	Department of Biotechnology	0
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
An efficient cluster based approach multi source multicast routing protocol in mobile Ad hoc network	Dr.V.Palanisamy	International journal of computer network and communications	2018	2	Alagappa University	2
Facile Synthesis and Characterization of ZrO ₂ Nanoparticles via Modified Co Precipitation Method	Dr.M.Sivakumar Dr.R.Subadevi	Journal of nanoscience and nanotechnology 18 (1), 368	2018	0	Department of Physics	0
Magnetic nanoparticles are highly toxic to chloroquineresistant Plasmodium falciparum, dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi MS, Nicoletti M, Paulpandi M, Samidoss CM, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam	Parasitology Research	2017	14	Department of Animal Health and Management	0

	J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale					
Toxicity of Camellia sinensisfabricate d silver nanoparticles on invertebrate and vertebrate organisms: morphological abnormalities and DNA damages	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0
Role of purified β 1, 3 glucan binding protein (β GBP) from Paratelpusa hydrodromus and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	6	Department of Animal Health and Management	0
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfaces	2017	4	Department of Animal Health and Management	0
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan	Journal of Phytochemistr y and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0

	S, Khaled J M, Benelli G					
Euphorbia rothianafabricate d Ag nanoparticles showed high toxicity on Aedes aegypti larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against bacteria	Banumathi B, Vaseeharan B, Thenmozhi C,Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	3	Department of Animal Health and Management	0
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in aquaculture using marine polysaccharide coated gold nanoparticle	Vijayakumar S, Vaseeharan B, Malaikozhunda n B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N	Microbial Pathogenesis	2017	3	Department of Animal Health and Management	0
Ecofriendly fabrication of Ag nanostructures using the seed extract of Pedalium murex, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector Aedes aegypti and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistr y and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0

cattle tick, Rhipicephalus (Boophilus) microplus	M, Angelo Canale, Benelli G					
Synthesis of TiO ₂ nanofiber for photocatalytic and antibacterial applications	M. Jothi Basu	Journal of Material Science: Materials in Electronics	2017	0	Alagappa University / Karaikudi	2
Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0
Biopolymer zeincoated gold nanoparticles: synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	10	Department of Animal Health and Management	0
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenesis	2017	4	Department of Animal Health and Management	0
Design, Fabrication, and Characterization of Hematite (α)	Dr. R. Yuvakkumar	JOM 69 (12), 2508	2018	0	Department of Physics	0
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan	Molecular Immunology	2017	4	Department of Animal Health and Management	0

Fenneropenaeus indicus	S, Khaled J M, Benelli G					
Synthesis and characterization of hydroxyapatite/graphene oxide for biomedical applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology (IRJET) .	2017	0	Department of Animal Health and Management	0
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistry and Photobiology B: Biology	2017	2	Department of Animal Health and Management	0
Experimental and computational Assessment of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry 7 Photobiology	2018	0	Department of Botany	0
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelli R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A	Environmental Science and Pollution Resaerch	2017	34	Department of Animal Health and Management	0
The metabolic profile of essential oils and assessment of anti urease activity of ESI mass spectrometry of Salvia officinalisL	Sheriff.T.S. Hassan, Emil S vajdlenka, Kannan R.R.Rengasamy, Radka Melicharkova, Shunmugiah KaruthaPandian	South African Journal of Botany	2018	0	Department of Biotechnology	0
Bacterial exopolysaccharide	Abinaya M, Vaseeharan B,	Journal of Trace	2018	10	Department of Animal	0

(EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Elements in Medicine and Biology			Health and Management	
Comparative Analysis of performance efficiency and security measures of some encryption algorithm	Dr.V.Palanisamy	International Journal of Engineering Research and Applications	2017	12	Alagappa University	12
Robust Visual Target Tracking via nearest Sequential Boundry Pattern	Dr. K. Mahesh	International Journal of Pure and Applied Mathematics	2017	1	Kalasalingam University / KrishnanKoil	1
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Improved Wavelet Compression Algorithm for Color Image	AnanthaBabu S and EswaranPerumal	ICTACT Journal on Image and Video Processing	2017	0	Department of Computer Applications	0
Wavelet Based Improved Coding Techniques (WBIC) for Grayscale Images using Lossy Compression	AnanthaBabu S and EswaranPerumal	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Multi Secret Image Sharing Scheme based on DNA Cryptography with XOR	Ramya Princess Mary EswaranPerumal and K.Shankar	International Journal of Pure and Applied Mathematics	2018	0	Department of Computer Applications	0
Performance Evaluation of Adaptive Minimum Mean Square Error in WCDMA	Uma Devi V and EswaranPerumal	International Journal of Pure and Applied Mathematics	2017	0	Department of Computer Applications	0
Sargassum wightiisynthesize d ZnO	Murugan K, Roni M, Paneerselvam	Physiological and Molecular Plant	2017	5	Department of Animal Health and	0

nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Pathology			Management	
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayan amoorthy M	Microbial Pathogenesis	2017	18	Department of Animal Health and Management	0
Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles.	Banumathi B, Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	7	Department of Animal Health and Management	0
Modulation of Staphylococcus epidermidis RP62A extracellular polymeric layer by marine cyclic dipeptide cyclo L leucyl L prolyl thwarts biofilm	Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian	BBA Biomembranes	2017	2	Department of Biotechnology	2

formation						
Unit Root Test of Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Quorum sensing mediated virulence inhibition of an opportunistic human pathogen Serratia marcescens from unexplored marine sediment of Palk Bay through function driven metagenomic approach	Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash Viszwapriya, Shunmugiah Karutha Pandian	Indian Journal of Experimental Biology	2017	0	Department of Biotechnology	0
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Durairajan Rubini, Sanaulla FarisaBanu, B. Narayanan Veda Hari, DuraiRamya Devi, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Paramasivam Nithyanand	Food and Chemical Toxicology	2018	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases, School of Chemical and Biotechnology, SASTRA Deemed University, School of	0

					Chemical and Biotechnology, SASTRA Deemed University / Department of Biotechnology	
Euphorbia rothiana fabricated Ag nanoparticles showed high toxicity on Aedes aegypti larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against bacteria	Banumathi B, Vaseeharan B, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	3	Department of Animal Health and Management	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Pandiyan Muthuramalingam, Subramanian Radhesh Krishnan, Subramani Pandian, Narayanan Mareeswaran, Wilson Aruni, Shunmugiah Karutha Pandian and Manikandan Ramesh	Scientific reports	2018	0	Department of Biotechnology, T Stanes and Company Ltd, Phytopharm a Testing Laboratory, Division of Microbiology, School of Medicine	0
In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Arunachalam Kannappan, Ramamohankumar, Ramanathan Srinivasan, Govindaraju Ar chunan,	Pathogens and disease	2018	0	Department of Biotechnology, National Facility for Drug Developmen	0

	Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi				t NFDD for Academia, Pharmaceutical and Allied Industries, Department of Pharmaceutical Technology, Centre for Pheromone Technology	
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms an in vitro study	Murugesan Sivaranjani, Ramanathan Srinivasan, Chairmandurai Aravindraja, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Biofouling	2018	0	Department of Biotechnology	0
In vitro and in vivo effect of 2,6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of <i>Vibrio</i> spp	Sivasubramanian Santhakumari, Rengarajan Jayakumar, Ravichandran Logalakshmi, Narayanan Marimuthu Prabhu, Abdul KuthusAbdul Nazar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	International journal of food microbiology	2018	0	Department of Biotechnology, Mandapam Regional Centre, Central Marine Fisheries Research Institute, Department of Animal Health and Management	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in <i>Staphylococcus epidermidis</i> RP62A	Arunachalam Kannappan, Murugesan Sivaranjani, Ramanathan Srinivasan, JanarthanamRathna, Shunmugiah Karutha	Journal of medical microbiology	2017	5	Department of Biotechnology	0

	Pandian, Arumugam Veera Ravi					
Global proteomics revealed Klebsiella pneumoniae induced autophagy and oxidative stress in Caenorhabditis elegans by inhibiting PI3K/AKT/mTOR pathway during infection	Kamaladevi A and Balamurugan K	Frontiers in Cellular and Infection Microbiology	2017	3	Department of Biotechnology	3
Model system based proteomics to understand the host response during bacterial infections	Kamaladevi A, Marudhupandian S and Balamurugan K	Molecular BioSystems	2018	0	Department of Biotechnology	0
Small Scale Industry Contribution to the Entrepreneurship and Employment in Pre and Post Reform period in India	Dr. S. Rajamohan	GALAXY International Interdisciplinary Research Journal	2018	0	Alagappa Institute of Management	0
Entrepreneurial and Investment Opportunities in Indian Organic Food Industry	Dr. S. Rajamohan	Shanlax International Journal of Commerce	2018	0	Alagappa Institute of Management	0
Micro, Small and Medium Enterprise Before and After the MSMED Act, 2006	Dr. S. Rajamohan	Zenith International Journal of Business Economics and Management Research	2018	0	Alagappa Institute of Management	0
Volatility Modeling for Automobile Sector Stocks in National Stock Exchange	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Bioaccumulation, cytotoxicity and oxidative stress	Narayanan Gobi, Vaseeharan B,	Ecotoxicology and Environmental	2018	0	Department of Animal Health and	0

of the acute exposure selenium in <i>Oreochromis mossambicus</i>	Ravichandran Rekha, Sekar Vijayakumar, Caterina Faggio	Safety			Management	
Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine based on cetyltrimethylammonium bromide assisted SnO ₂ nanoparticles	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against <i>Aedes aegypti</i> and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
Magnetic nanoparticles are highly toxic to chloroquineresistant <i>Plasmodium falciparum</i> , dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale	Parasitology Research	2017	14	Department of Animal Health and Management	0
A mini review on the chemistry and neuroprotective effects of	Devi KP, Malar DS, Braidy N, Nabavi SM and	Current Drug Targets	2017	0	Department of Biotechnology	1

silymarin	Nabavi SF					
Toxicity of Camellia sinensis fabricated silver nanoparticles on invertebrate and vertebrate organisms: morphological abnormalities and DNA damages	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0
Role of purified β 1, 3 glucan binding protein (β GBP) from Paratelphusa hydrodromus and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	6	Department of Animal Health and Management	0
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfaces	2017	4	Department of Animal Health and Management	0
Biocompatible properties of nano drug Carriers using TiO ₂ - Au Embedded on multiwall carbon Nanotubes for targeted drug delivery	Dr. A. Arumugam	Materials Science and Engineering	2018	0	Department of Botany	1
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S,	Microbial Pathogenesis	2017	3	Department of Animal Health and Management	0

aquaculture using marine polysaccharide coated gold nanoparticle	Ashokkumar B, Sivakumar N					
Ecofriendly fabrication of Ag nanostructures using the seed extract of Pedalium murex, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector Aedes aegypti and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0
Nanoparticles as effective acaricides against ticks - a review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	31	Department of Animal Health and Management	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio parahaemolyticus.	Sanaula FarisaBanu, Durairajan Rubini, Ramar Murugan, Vellingiri Vadivel, Shanmugaraj Gowrishankar, Shunmugiah KaruthaPandian, Paramasivam	LWT Food Science and Technology	2018	0	Department of Biotechnology	0

	Nithyanand					
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/ Protein interaction, Anticancer activity and toxicity against 14 species of microble pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Experimental and computational Assessmzzent of mycosynthesized Cdo nanoparticles towards Biomedical applications	Dr. A. Arumugam	Journal of Photochemistry 7 Photobiology	2018	0	Department of Botany	0
Synthesis of Tio2 nanofibre for Photocatalytic and antibacterial Application	Dr. N. Anusuya	Journal of Material Science: Materials in Electronics	2017	0	Department of Botany	2
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Effect of patchouli and cinnamon essential oil on biofilm and	S FarisaBanua, D.Rubini, P.Shanmugavelan ,	Journal de Mycologie Medicale	2018	1	Department of Biotechnology	1

hyphae formation by <i>Candida</i> spp	R.Murugan, S.Gowrishankar, S.Karutha Pandian, P.Nithyanand					
Exploring multi potential uses of marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	K.Mohanrasu, N.Premnath, G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	Journal of Photochemistry and Photobiology B: Biology	2018	0	Department of Energy Science, Department of Microbiology, Polymers and Composites / Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research, Department of Chemistry, Faculty of Science, Nelson Mandela University	0
Lanosterol expressed biofouling inhibition on Gulf of Mannar coast, India	Balasubramanian V., Rajaram R., Palanichamy S., Subramanian G., Mathivanan K., Pugazhendhi A	Progress in Organic Coatings	2018	0	Department of Marine Science, Bharathidasan University, Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New Harbour	0

					Area, Tuticorin, Green Processing / Bioremedia tion and Alternativ e Energies R	
Effects of turmeric (<i>Curcuma longa</i>) on shelf life extension and biogenic amine control of cuttlefish (<i>Sepia brevimana</i>) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTAJournal of Food	2017	0	Alagappa University	1
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	Alagappa University	5
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (<i>Portunus pelagicus</i>) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	Alagappa University	3
Physicochemical and Microbiological Changes During Drying of Wolf Herring (<i>Chirocentrus dorab</i>) and Coastal Trevally (<i>Carangoides coeruleopinnatus</i>)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0
Key for Larval Crustacean Species found in Sundaparandian Pattinam and	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0

Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)						
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab <i>Portunus pelagicus</i> and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Role of Corporate Social Responsibilities A n Conceptual Framework	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
An Overview of Corporate Social Responsibility	Dr.K.Chandrasekar	Shanlax International Journal Of Management	2018	0	Alagappa Institute of Management	0
Binding mode exploration of LuxRthiazolidinone analogues, epharmacophorebased virtual screening in the designing of LuxR inhibitors and its biological evaluation	S Rajamanikandan, J Jeyakanthan, P Srinivasan	Journal of Biomolecular Structure and Dynamics 35	2017	0	Department of Animal Health and Management	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Pandiyan Muthuramalingam, Subramanian Radhesh Krishnan, Subramani Pandian, Narayanan Mareeswaran, Wilson Aruni, Shunmugiah Karutha	Scientific reports	2018	0	Department of Biotechnology, T Stanes and Company Ltd, Phytopharm a Testing Laboratory , Division of Microbiolo	0

	Pandian and Manikandan Ramesh				gy, School of Medicine	
In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Arunachalam Kannappan, RamarMohankumar, Ramanathan Srinivasan, Govindarajuchunan, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi	Pathogens and disease	2018	0	Department of Biotechnology, National Facility for Drug Development NFDD for Academia, Pharmaceutical and Allied Industries, Department of Pharmaceutical Technology, Centre for Pheromone Technology	0
In vitro and in vivo effect of 2,6 Di tert butyl 4 methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Sivasubramanian Santhakumari, Rengarajan Jayakumar, Ravichandran Logalakshmi, Narayanan Marimuthu Prabhu, Abdul KuthusAbdul Nazar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	International journal of food microbiology	2018	0	Department of Biotechnology, Mandapam Regional Centre, Central Marine Fisheries Research Institute, Department of Animal Health and Management	0
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Arunachalam Kannappan, Murugesan Sivaranjani, Ramanathan Srinivasan, Janarthanathna, Shunmugiah Karutha	Journal of medical microbiology	2017	5	Department of Biotechnology	0

	Pandian, Arumugam Veera Ravi					
Global proteomics revealed Klebsiella pneumoniae induced autophagy and oxidative stress in Caenorhabditis elegans by inhibiting PI3K/AKT/mTOR pathway during infection	Kamaladevi A and Balamurugan K	Frontiers in Cellular and Infection Microbiology	2017	3	Department of Biotechnology	3
Model system based proteomics to understand the host response during bacterial infections	Kamaladevi A, Marudhupandian S and Balamurugan K	Molecular BioSystems	2018	0	Department of Biotechnology	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Multivariate analysis of increase in life span of Caenorhabditis elegans through intestinal colonization by indigenous probiotic strains	Kavitha S, Pooranachithra M, Balamurugan K and Goel G	Probiotics and Antimicrobial Proteins	2018	0	Department of Biotechnology and Bioinformatics Jaypee University of Information Technology / Department of Biotechnology	0

Studies on reproductive stress caused by candidate Gram positive and Gram negative bacteria using model organism, <i>Caenorhabditis elegans</i>	Sharika R, Subbiah P and Balamurugan K	Gene	2018	0	Department of Biotechnology	1
O GlcNACylation confers protection against <i>Staphylococcus aureus</i> infection in <i>Caenorhabditis elegans</i> through Ubiquitination	Vigneshwari L, Balasubramanian B, Sethupathy S, Karutha Pandian S, and Balamurugan K	RSC Advances	2018	0	Department of Biotechnology	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran N, Aruni W, Pandian SK and Ramesh M	Scientific Reports Nature Publishing Group, UK	2018	0	Alagappa University / Karaikudi. T. Stanes and Company Ltd. Loma Linda University, USA	0
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent <i>Vibrio harveyi</i>	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	4
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin resistant <i>Staphylococcus aureus</i>	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	2
Inhibitory efficacy of geraniol on biofilm formation and development	Kannappan A, Sivaranjani M, Srinivasan R, Rathna J, Pandian SK	Journal of Medical Microbiology	2017	0	Department of Biotechnology	0

of adaptive resistance in Staphylococcus epidermidis RP62A	and Ravi AV					
In vitro and in vivo exploration of palmitic acid from Synechococcus elongatus as an antibiofilm agent on the survival of Artemia franciscana against virulent vibrios	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	2017	0	Department of Biotechnology	1
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio speciesAn in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV and Ramesh M	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	4
Inhibition of quorum sensingdependent biofilm and virulence genes expression in environmental pathogen Serratia marcescens by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	Department of Biotechnology	0
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against Serratia marcescens associated acute pyelonephritis infection in Wistar rats	Srinivasan R, Mohankumar R, Kannappan A, Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Frontiers in Cellular and Infection Microbiology	2017	0	Department of Biotechnology	3
Effects of turmeric (Curcuma longa) on shelf	Abimannan Arulkumar, Kaliyan	CyTAJournal of Food	2017	0	Alagappa University	1

life extension and biogenic amine control of cuttlefish (<i>Sepia brevimana</i>) during chilled storage	Ramachandiran , Sadayan Paramasivam, Palanivel Rameshthangam , Jose Manuel Miranda					
Pharmacophore modeling, comprehensive 3DQSAR, and binding mode analysis of TGR5 agonists	T Sindhu, P Srinivasan	Journal of Receptors and Signal Transduction	2017	0	Department of Animal Health and Management	0
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Environmental Science and Pollution Research	2017	0	Department of Biotechnology	0
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	Department of Biotechnology	0
Performance improvement intervention conceptual Framework	Dr.K.Chandrasekar	Pezzottaite Journals	2017	0	Alagappa Institute of Management	0
Physicochemical and Microbiological Changes During Drying of Wolf Herring (<i>Chirocentrus</i>	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel	Journal of Aquatic Food Product Technology	2017	0	Alagappa University	0

dorab) and Coastal Trevally (Carangoides coeruleopinnatus)	Rameshthangam and Spiros Paramithiotis					
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India (910° N, Arabian Sea)	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Zooplankton in Arabian Sea, India	Mariadoss Kalaiarasi, and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	Alagappa University	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Rios Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Faunistic studies on Macrozooplankton at Sundarapandianpattinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Rios Escalante, and Chelladurai Stella	Crustaceana	2017	0	Alagappa University	0
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	Alagappa University	0
Emerging Commodity Exchanges In Globalized Economy	Dr. S. Rajamohan	TSM Business Review, International Journal of Management	2017	0	Alagappa Institute of Management	0
Export Potential of Agricultural Commodity Market In India	Dr. S. Rajamohan	Jnanavardhini Online Multidisciplinary Research	2017	0	Alagappa Institute of Management	0

		Journal				
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Marine Products Export in IndiaA Product Wise Analysis	Dr. S. Rajamohan	International Journal of Innovative Knowledge Concepts	2017	0	Alagappa Institute of Management	0
Recent scenario of human resource management issues in corporate hospitals	Dr.K.Chandrasekar	Paripex Indian journal of research	2017	0	Alagappa Institute of Management	0
Essential of Self Efficacy in Career Decision Making	Dr.K.Chandrasekar	ParipexGlobal journal for Research analysis	2017	0	Alagappa Institute of Management	0
Money Flow and Risk Level of the Private Sector Bank Shares: Demonetization	Dr. S. Rajamohan	Asian Journal of Research in Business Economics and Management	2017	0	Alagappa Institute of Management	0
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Multivariate analysis of increase in life span of Caenorhabditis elegans through intestinal colonization by indigenous probiotic strains	Kavitha S, Pooranachithra M, Balamurugan K and Goel G	Probiotics and Antimicrobial Proteins	2018	0	Department of Biotechnology and Bioinformatics Jaypee University of Information Technology / Department of Biotechnology	0
Studies on reproductive stress caused by	Sharika R, Subbiah P and Balamurugan K	Gene	2018	0	Department of Biotechnol	1

candidate Gram positive and Gram negative bacteria using model organism, Caenorhabditis elegans					ogy	
O GlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through Ubiquitination	Vigneshwari L, Balasubramani am B, Sethupathy S, Karutha Pandian S, and Balamurugan K	RSC Advances	2018	0	Department of Biotechnology	0
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran N, Aruni W, Pandian SK and Ramesh M	Scientific Reports Nature Publishing Group, UK	2018	0	Alagappa University , Karaikudi. T. Stanes and Company Ltd. Loma Linda University , USA	0
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent Vibrio harveyi	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	4
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	2
Electrochemically modified crystal orientation, surface morphology and optical properties using CTAB on Cu ₂ O thin	Karupanan Periyanganesanab N.Anandhana V.Dharumand PonnusamySami c R.Pannerselva	Results in Physics	2017	0	Molecular Electronics Laboratory , Department of Bioelectro	0

films	ma T. Marimuthu				nics and Biosensors	
Graphene oxide supported liposomes for efficient label free electrochemical DNA biosensing	Habibulla Imran, Palinci Nagarajan Manikandan, Venkataraman Dharuman	Sensors and Actuators B	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	2
Criteria Considerations of Seafood Exporters in the International Market	Dr. S. Rajamohan	Uttaranchal Business Review, Uttaranchal University	2017	0	Alagappa Institute of Management	0
Onestep coelectrodeposition assisted layer by layer assembly of gold nanoparticles and reduced graphene oxide and its selfhealing threedimensional nanohybrid for an ultrasensitive DNA sensor	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Huangxian Ju, Ramendra Sundar Dey, Yangping Wen	Nanoscale	2018	0	Department of Bioelectronics and Biosensors	3
In vitro activity of omangostin in killing and eradicating Staphylococcus epidermidis RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology . [Springer International , New York]	2017	9	Department of Biotechnology	5
LayerbyLayerAssembled AuNPsDecorated FirstGeneration Poly(amidoamine) Dendrimer with Reduced Graphene Oxide Core as Highly Sensitive Biosensing Platform with Controllable 3D Nanoarchitecture for Rapid Voltammetric	Kumarasamy Jayakumar, Maria Belén Camarada, Venkataraman Dharuman, Rajendiran Rajesh, Rengarajan Venkatesan, Huangxian Ju, Mahalingam Maniraj, Abhishek Rai, Sudipta Roy	ACS Appl. Mater. Interfaces	2018	0	Department of Bioelectronics and Biosensors	0

Analysis of Ultratrace DNAHybri	Barman, Yangping Wen					
Image Encryption and decryption using Shifting Technique	Dr.T.Meyyappa n	International Journal of engineering science and computing	2017	0	Department of Computer Science	0
Deposition of transistion metal Mn doped BTO thin films by sol-gel technique	A. Amali Roselin N. Anandhan V. Dharuman	Journal of Materials Science: Materials in Electronics	2018	0	Molecular Electronics Laboratory / Department of Bioelectronics and Biosensors	0
Studies on electrochemical glucose sensing, antimicrobial activity and cyto toxicity of fabricated Cu NPs immobilized chitin nanostructure	D.Solairaj, P.Rameshthang am, P.Muthukumara n and J.Wilson	International Journal of Biological Macromolecul e s	2017	5	Department of Bioelectro nics and Biosensors	3
Life Insurance Consumer's Behaviour in Tamil Nadu: A Study	Dr.K.Chandras ekar	International Journal of Trade and Global Business Perspectives	2017	0	Alagappa Institute of Management	0
Identification of antifilarial leads against aspartate semialdehyde dehydrogenase of Wolbachia endosymbiont of Brugia malayi: combined molecular docking and molecular dynamics approaches	Dr. J. Jeyakanthan	J Biomol Struct Dyn	2018	2	Department of Bioinforma tics	0
Stable and robust nanobiocomposite Preparation using aminated guar gum (mimic activity	Nathiya. D, Muthukumaran. P, Wilson. J, Gurunathan. K	Electrochimic a Acta	2017	1	Department of Bioelectro nics and Biosensors	1

of graphene) with electron beam irradiated Polypyrrole and CeNi bimetal: Effective role in simultaneous sensing of environmental pollutants and pseudocapacitor ap						
Electron beam irradiated polypyrrole decorated with Bovine serum albumin pores: Simultaneous determination of epinephrine and Ltyrosine	R.Ramya, P.Muthukumaran and J.Wilson	Bioelectronics and biosensors	2018	0	Polymer Electronics Lab, Department of Bioelectronics and Biosensors	0
Guazuma ulmifolia Bark synthesized Ag, Au and Ag/Au alloy nanoparticles Photocatalytic potential, DNA/ Protein interaction, Anticancer activity and toxicity against 14 species of microble pathogens	Dr. A. Arumugam	Journal of Photochemistry and Photobiology	2017	0	Department of Botany	15
One - pot Green Synthesis of silver Nanoparticles using the Orchid leaf Extracts of Anoectochilus elatus: Growth Inhibition Activity on Seven Microbial pathogen	Dr. A. Arumugam	Journal of Cluster/ science	2017	0	Department of Botany	4
Global analysis of threonine metabolism genes unravel key players in rice	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran	Scientific Reports Nature Publishing Group, UK	2018	0	Alagappa University , Karaikudi. T. Stanes	0

to improve the abiotic stress tolerance	N, Aruni W, Pandian SK and Ramesh M				and Company Ltd. Loma Linda University, USA	
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent Vibrio harveyi	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	Department of Biotechnology	4
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P., 2018	Food and Chemical Toxicology [Elsevier, France]	2018	0	Department of Biotechnology	0
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast of India	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	Alagappa University	0
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio paraholyticusaem	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	Department of Biotechnology	0
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by Candida spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar,	Journal of Medical Mycology [Elsevier, France]	2018	1	Department of Biotechnology	1

	S., Pandian, S.K., Nithyanand, P					
Pharmacological credence of the folklore use of Bauhinia Malabarica in the management of Jaundice	Dr. N. Anusuya	Saudi Journal of Biological Science	2018	0	Department of Botany	1
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M[., Gowrishankar, S[., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3
Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	3	Department of Biotechnology	3

<p>Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptidecyclo(L-leucylL-prolyl) thwarts biofilm formation</p>	<p>Gowrishankar, S Pandian, S.K</p>	<p>Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]</p>	<p>2017</p>	<p>2</p>	<p>Department of Biotechnology</p>	<p>2</p>
<p>Green synthesized silver nanoparticles: toxicity against Poecilia reticulata fishes and Ceriodaphnia corunta Crustaceans</p>	<p>Ishwarya R, Vaseeharan B, Shanthi S, Benelli G</p>	<p>Journal of Cluster Science</p>	<p>2017</p>	<p>5</p>	<p>Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management</p>	<p>0</p>
<p>Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab Portunus pelagicus and their antibiofilm properties</p>	<p>Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B</p>	<p>Journal of Fish and Shellfish Immunology</p>	<p>2017</p>	<p>9</p>	<p>Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management</p>	<p>0</p>
<p>Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells</p>	<p>Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G</p>	<p>Journal of Microbial Pathogenesis</p>	<p>2017</p>	<p>22</p>	<p>Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management</p>	<p>0</p>
<p>Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle</p>	<p>Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie</p>	<p>Journal of Food Science and Technology</p>	<p>2017</p>	<p>0</p>	<p>Alagappa University</p>	<p>3</p>

during storage						
Synthesis and distribution of bioinspired silver nanoparticles using spirulina extract for control of Vibrio parahaemolyticus infection in aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	1	Department of Animal Health and Management	0
Unit Root Test of Selected NonAgricultural Commodities and Macro Economic Factors in Multi Commodity Exchange of India Limited	Dr. S. Rajamohan	International Journal of Advanced Research in Management and Social Sciences	2018	0	Alagappa Institute of Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	1	Department of Animal Health and Management	0
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab Portunus pelagicus and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0

Crystallographic and solution structure of the Nterminal domain of the Rel protein from Mycobacterium tuberculosis	Dr. J. Jeyakanthan	FEBS Lett	2017	1	Department of Bioinformatics	0
Biomining drugs from the sea: high antibiofilm properties of haemocyanin purified from the haemolymph of flower crab Portunus pelagicus (L.) (Decapoda: Portunidae)	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N S, Khaled J M, Al anbr M N, Benelli G	Aquaculture	2018	3	Department of Animal Health and Management	0
Structural and functional roles of dynamically correlated residues in thymidylate kinase	Dr. J. Jeyakanthan	Acta Crystallogr D Struct Biol	2018	0	Department of Bioinformatics	0
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from Scylla serrate crab hemolymph	Divya M, Vaseeharn B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	Department of Animal Health and Management	0
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Sargassum wightiisynthesize d ZnO nanoparticles - from antibacterial and	Ishwarya. R, Vaseeharan. B, Suganya. S, Abdul Khudus Nazarb,	Journal of Photochemistry and Photobiology, B: Biology	2018	1	Department of Animal Health and Management	0

insecticidal activity to immunostimulatory effects on the green tiger shrimp <i>Penaeus semisulcatus</i>	Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr					
Antibiofilm of <i>Nocardioopsis</i> sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	5	Department of Animal Health and Management	0
Insecticidal activity of camphene, zerumbone and α -humulene from <i>Cheilocostus speciosus</i> rhizome essential oil against the OldWorld bollworm, <i>Helicoverpa armigera</i>	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	Ecotoxicology and Environmental Safety	2018	2	Department of Animal Health and Management	0
Phosphinefree, highly emissive, watersoluble Mn:ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	Department of Animal Health and Management	0
Synthesis of chitosanalgininate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	5	Department of Animal Health and Management	0
Biopolymer gelatincoated	Divya M, Vaseeharan B,	Journal of Photochemistr	2018	8	Department of Animal	0

zinc oxide nanoparticles showed high antibacterial, antibiofilm and antiangiogenic activity	Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	y and Photobiology			Health and Management	
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Ramanathan Shalini, Arunachalam K, Chandran S, Selvaraj R, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	Department of Biotechnology, Science Campus	0
Sargassum wightiisynthesize d ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	5	Department of Animal Health and Management	0
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayan amoorthy M	Microbial Pathogenesis	2017	18	Department of Animal Health and Management	0
Green larvicides	Banumathi B,	Physiological	2017	7	Department	0

against blowflies, <i>Lucilia sericata</i> (Diptera, Calliphoridae): screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles.	Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	and Molecular Plant Pathology			of Animal Health and Management	
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on <i>Ceriodaphnia cornuta</i>	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	9	Department of Animal Health and Management	0
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab <i>Scylla serrata</i> .	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A, Vaseeharan B, Canale A, Benelli G	Aquatic Toxicology	2017	11	Department of Animal Health and Management	0
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	4	Department of Animal Health and Management	0
Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar	Ecotoxicology and Environmental Safety	2018	0	Department of Animal Health and Management	0

in <i>Oreochromis mossambicus</i>	Vijayakumar, Caterina Faggio					
Electrochemical sensor for simultaneous determination of epinephrine and norepinephrine based on cetyltrimethylammonium bromide assisted SnO ₂ nanoparticles	N Lavanya, C Sekar	Journal of Electroanalytical Chemistry	2017	0	Department of Bioelectronics and Biosensors	3
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against <i>Aedes aegypti</i> and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	11	Department of Animal Health and Management	0
Magnetic nanoparticles are highly toxic to chloroquineresistant <i>Plasmodium falciparum</i> , dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale	Parasitology Research	2017	14	Department of Animal Health and Management	0
Toxicity of <i>Camellia sinensis</i> fabricated silver nanoparticles on invertebrate and	Banumathi B, Vaseeharan B, Suganya P, Citatasu T, Govindarajan M, Alharbi N	Journal of Cluster Science	2017	9	Department of Animal Health and Management	0

vertebrate organisms: morphological abnormalities and DNA damages	S, Kadaikunnan S, Khaled J M, Benelli G					
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfaces	2017	4	Department of Animal Health and Management	0
Seasonal variation of community composition of zooplankton in the Palk strait, (9-10 °N, Arabian sea, India)	Chokkalingam Lathasumathi, Patricio De Los Rios Escalante, ,Ma riadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	Alagappa University	0
Euphorbia rothianafabricate d Ag nanoparticles showed high toxicity on Aedes aegypti larvae and growth inhibition on microbial pathogens: A focus on morphological changes in mosquitoes and antibiofilm potential against bacteria	Banumathi B, Vaseeharan B, Thenmozhi C, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	3	Department of Animal Health and Management	0
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in aquaculture using	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B,	Microbial Pathogenesis	2017	3	Department of Animal Health and Management	0

marine polysaccharide coated gold nanoparticle	Sivakumar N					
Ecofriendly fabrication of Ag nanostructures using the seed extract of <i>Pedaliu murex</i> , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector <i>Aedes aegypti</i> and inhibition of biofilmforming pathogenic bacteria	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	6	Department of Animal Health and Management	0
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i>	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	28	Department of Animal Health and Management	0
Vanillic acid from <i>Actinidiadelicios a</i> impedes virulence in <i>Serratia marcescens</i> by affecting S layer, flagellin and fatty acid biosynthesis proteins	Sivasamy Sethupathy, Sivagnanam Ananthi, Anthonymuthu Selvaraj, Balakrishnan Shanmuganathan, Loganathan Vigneshwari, Krishnaswamy Balamurugan, Sundarasamy Mahalingam, Shunmugiah Karutha Pandian	Scientific Reports	2017	1	Department of Biotechnology, Laboratory of Molecular Virology and Cell Biology, Department of Biotechnology, Indian Institute of Technology Madras	0
5 hydroxymethyl 2 furaldehyde from marine bacterium <i>Bacillus subtilis</i> inhibits biofilm	Ganapathy AshwinkumarSudrameniam, Thirukannanmai Krishnan	Microbiological Research	2017	2	Department of Biotechnology	1

and virulence of <i>Candida albicans</i>	Swetha, Prasanth Mani Iyer, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian					
In vitro and in vivo exploration of palmitic acid from <i>Synechococcus elongatus</i> as an antibiofilm agent on the survival of <i>Artemia franciscana</i> against virulent vibrios	Sivasubramanian Santhakumari, Nizam Mohamed Nilofernisha, Jeyaraj Godfred Ponraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of Invertebrate Pathology	2017	0	Department of Biotechnology, TIL Biosciences Animal Health Division of Tablets (India) Limited,	0
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin resistant <i>Staphylococcus aureus</i>	Arunachalam Kannappan, Shanmugaraj Gowrishankar, Ramanathan Srinivasan, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Microbial Pathogenesis	2017	7	Department of Biotechnology	2
Dynamic Linkages and Causal Effect among Midcap 50 Stocks in National Stock Exchange	Dr. S. Rajamohan	St. Theresa Journal of Humanities and Social Sciences	2017	0	Alagappa Institute of Management	0
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species an in vitro and in vivo approach	Lakkakula Satish, Sivasubramanian Santhakumari, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi, Manikandan Ramesh	Environmental Science and Pollution Research	2017	5	Department of Biotechnology, Department of Biotechnology Engineering BenGurion University of Nagev Beer Sheva Israel	3

Financial Performance of Indias Irrigation Sector A Historical Analysis	Dr. A. Narayanamoorthy	International Journal of Water Resources Development	2018	0	Alagappa University	1
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from <i>Spatoglossum asperum</i>	S. Palanisamy, M.Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	9	Department of Animal Health and Management	7
Evaluation of selected Indian medicinal plants for antagonistic potential against <i>Malassezia</i> spp. and the synergistic effect of embelin in combination with ketoconazole	Chandran Sivasankar, Subramanian Gayathri, James Prabhanand Bhaskar, Venkat Krishnan, Shunmugiah Karutha Pandian	Microbial Pathogenesis	2017	1	Department of Biotechnology, ITC Life Sciences and Technology Centre	1
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	5	Disease Control and Prevention Lab, Department of Animal Health and Management	2
Bioprospecting of coral (<i>Porites lutea</i>) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	1	Department of Animal Health and Management	1
Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: Biofilm	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM,	Microbial Pathogenesis	2017	4	Disease Control and Prevention Lab, Department of Animal	3

inhibition and photodegradation of dye effluent	Kannapiran E				Health and Management	
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	28	Department of Animal Health and Management	26
Isolation of fucoidan from Sargassum polycystum brown algae: Structural characterization, in vitro antioxidant and anticancer activity	S. Palanisamy, M. Vinosha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	14	Department of Animal Health and Management	12
MicroRNA21 and the various types of myeloid leukemia	Mani Panagal Senthil Kumar S. Sivakurunathan P. Biruntha.M, Karthigeyan M. Vincent Gopinathe Pethanen Sivakumare Durairaj Seka	Cancer gene therapy	2018	0	Department of Animal Health and Management	0
Studies on Stress Protein Produced by Two Earthworm Speceies after Exposure to Nanoparticles and Microbial Stress	Vinotha.V, Biruntha. M	Indian Journal of Natural Sciences	2017	0	Department of Animal Health and Management	0
Phytomediated synthesis of silver nanoparticles	Anjali Ravichandran, Palanisamy Subramanian,	Journal of Photochemistry and Photobiology,	2018	0	Department of Animal Health and Management	0

using fucoidan isolated from <i>Spatoglossum asperum</i> and assessment of antibacterial activities	Vinosh Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu	B: Biology				
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran1 • Kumar Ponnuchamy1	Applied nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from <i>Sepia esculenta</i> for their antimicrobial, antibiofilm and cytotoxic properties	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam Vaseeharan, Sekar Vijayakumar	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3

Electrochemical determination of purine and pyrimidine bases using copper doped cerium oxide nanoparticles	N.Lavanya, JeanNizeyiman Claude C.Sekar	Journal of Colloid and Interface Science	2018	0	Department of Bioelectronics and Biosensors	0
Low energy nitrogen ion beam implanted tungsten trioxide thin films modified indium tin oxide electrode based acetylcholine sensor	AC Anithaa, K Asokan, C Sekar	Journal of the Taiwan Institute of Chemical Engineers	2018	0	Department of Bioelectronics and Biosensors	0
Structural, magnetic and magnetocaloric properties of EuMnO ₃ perovskite manganite: A comprehensive MCE study	I Phebe Kokila, M Kanagaraj, P Sathish Kumar, Sebastian C Peter, C Sekar, Helen Annal	Therese Materials Research Express	2018	0	Department of Bioelectronics and Biosensors	1
Effect of NiO/Ni(OH) ₂ nanostructures in graphene/CNT nanocomposites on their interfacial charge transport kinetics for highperformance supercapacitors	NS Palani, NS Kavitha, KS Venkatesh, K Ashok Kumar, V Thirumal, A Pandurangan, C Sekar, R Ilangovan	Journal of Solid State Electrochemistry	2018	0	Department of Bioelectronics and Biosensors	0
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management	0
Proteomics analysis of crude squid ink isolated from Sepia esculenta	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna,	Microbial Pathogenesis	2018	0	Food Chemistry and Molecular Cancer	0

for their antimicrobial, antibiofilm and cytotoxic properties	Baskaralingam Vaseeharan, Sekar Vijayakumar				Biology Lab, Department of Animal Health and Management	
Molybdenum oxide nanoparticles for the sensitive and selective detection of dopamine	E Fazio, S Spadaro, M Bonsignore, N Lavanya, C Sekar, SG Leonardi, G Neri, F Neri	Journal of Electroanalytical Chemistry	2018	0	Department of Bioelectronics and Biosensors	3
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	., Pandian, S.K., Ravi, A.V., Ramesh, M., Gowrishankar, S., Santhakumari, S[Satish, L	Environmental Science and Pollution Research [Germany (Berlin): Springer]	2018	5	Department of Biotechnology	0
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	6	Department of Biotechnology	3

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Extracting Frequent Patterns by Combining PSO	Dr. N. Anbazhagan	European Journal of Scientific	2017	37	0	Alagappa university

and KMeans with Downward based Ranking		Research				
A suggestion for a good anode material synthesized and characterized	Dr. C. Ganesa Moorthy	Discovery	2017	11	0	Alagappa university
Mosquito control with green nanopesticides: towards the one health approach? A Review of nontarget effects	Benelli G, Maggi F, Pavelo R, Murugan K, Govindarajan M, Vaseeharan B, Prtrelli R, Cappellacci L, Kumar S, Hofer A, Youssefi M R, Alarfaj A A, Hwang J S, Hinguchi A.	Environmental Science and Pollution Resaerch	2017	0	6	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus	Malaikozhundhan B, Vaseeharan B, Vijayakumar S, Thangaraj M P	Journal of Photochemistry and Photobiology B: Biology	2017	0	2	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Authentication based Access Control mechanism for Ensuring Privacy of DICOM contents in Public Cloud	Dr.A.Padmapriya	Aust. J. Basic and Appl. Sci	2017	6	0	Department of Computer Science
Analysis of Voting Using EVM System	Dr.S.S.Dhenakaran	International Journal for Modern Trends in Science and Technology	2017	0	0	Department of Computer Science
A study on Renewable Power Generation in India	Dr.S.S.Dhenakaran	International Journal for Modern Trends in Science	2017	0	0	Department of Computer Science

		and Technology				
Impact of Social Media	Dr. S.S.Dhenakaran	International Journal of Computer Science	2017	0	0	Department of Computer Science
Theoretical, biological and in silico studies of pendantarmed heteroleptic copper(II) phenolate complexes	P. Arthi, D. Mahendiran, S. Shobana, P. Srinivasan, A. Kalilur Rahiman	Journal of Molecular Structure	2018	0	0	Department of Animal Health and Management
Green synthesis of silver nanoparticles using Lippia nodiflora aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects	A. Sudha and P. Srinivasan	Resource Efficient Technologies	2018	0	8	Department of Animal Health and Management
A Study on Fuzzy soft Cardinality in lattice ordered Fuzzy soft group and Its Application In Decision Making Problems	Dr. J. Vimala	Journal of Intelligent and Fuzzy Systems	2017	39	0	Alagappa university
Morphological characterization and biocontrol effects of Vibrio vulnificus phages against Vibriosis in the shrimp aquaculture environment	P. Srinivasan and P. Ramasamy	Microbial Pathogenesis	2017	0	2	Department of Animal Health and Management
A study on β glucan binding protein (β GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus	Anjugam M, Vaseeharan B, Iswarya A, Amala M, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Molecular Immunology	2017	0	3	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University

Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer A A, Chitra P, Prabhu N M, Kannapiran E	Microbial Pathogenes is	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Biopolymer zeincoated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector Aedes aegypti	Suganya P, Vaseeharan B, Vijayakumar S S, Banumathi B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Nanoparticles as effective acaricides against ticks - A review	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B, Kumar S, Higuchi A, Alarfaj A A, Mehlhorn H, Angelocanale	Ticks and Tickborne Diseases	2017	0	4	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, Rhipicephalus (Boophilus) microplus	Banumathi B, Vaseeharan B, Rajasekar P, Prabhu N M, Palaniappan R, Kadarkarai M, Angelo Canale, Benelli G	A review. Veterinary Parasitology	2017	0	3	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Ecofriendly fabrication of Ag nanostructures using the seed extract of Pedalium murex, an ancient Indian medicinal plant: Histopathological	Ishwarya R, Vaseeharan B, Anuradha R, Rekha R, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology, B: Biology	2017	0	3	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management,

effects on the Zika virus vector Aedes aegypti and inhibition of biofilmforming pathogenic bacteria						Alagappa University
An overview on Zika Virus and the importance of Computational Drug Discovery	Dr. Sanjeev Kumar Singh	J. Exp. Pharmacol	2018	1	0	Department of Bioinformatics
Global Exponential Stability of Antiperiodic solutions for Impulsive Discrete time Markovian Jumping Stochastic BAM Neural Networks with Additive time varying delays and Leakage delay	Dr. R. Raja	International Journal of Adaptive Control and Signal Processing	2018	42	0	Alagappa university
Encryption and Decryption of color images using visual cryptography	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	0	0	Department of Computer Science
Optimal Multiple Watermark Embedding using Modified Krill Herd Algorithm and DCT	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	9	286	Department of Computer Science
Voltammetric immunosensor for the simultaneous analysis of the breast cancer biomarkers CA 153 and HER2ECD	Marques, Raquel C.B. Costa Rama, Estefania Viswanathan Subramanian Nouws, Henri P. A. Costa - Garcia, Agustin Delerue - Matos, Cristina Gonzalez Garcia, Begona	Sensors and Actuators B Chemical	2018	1	3	Department of Industrial Chemistry

Neutrosophic EOQ Model with Price Break	Dr. M. Mullai	Neutrosophic Sets and Systems	2018	0	0	Alagappa university
Whether Government intervention and Vocational training increases Education and Employment? : A mathematical model	Dr. M. Mullai	Journal of Computational Mathematics	2018	21	0	Alagappa university
Bounds for Lamda Domination Number Gamma Lamda of G of a Graph	Dr. S. Amutha	Journal of Computational Mathematics	2017	0	0	Alagappa university
Split Domination number of a congruent Dominating Graphs	Dr. S. Amutha	International Journal of Pure and Applied Mathematics	2018	21	0	Alagappa university
Exponential Stability of Discrete time Cellular BAM Neural Networks with Variable delays using Halanaytype Inequality	Dr. R. Raja	Applied Mathematics and Information Sciences	2018	28	0	Alagappa university
Improved conductivity and antibacterial activity of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. P.Boomi	J Photochem Photobiol B	2018	6	0	Department of Bioinformatics
Novel AntiStreptococcal Peptide Produced by Mangrove Bacteria Bacillus subtilis	Dr. J. Joseph sahayarayan	Int. J. Curr. Microbiol. and Appl. Sci	2018	1	0	Department of Bioinformatics
Antibacterial Activity of a Novel Bacillus cereus isolated from Mangrove Ecosystem	Dr. J. Joseph sahayarayan	Int. J. Curr. Microbiol. and Appl. Sci	2017	1	0	Department of Bioinformatics

Prevalence of Multi Drug Resistance Asymptomatic Bacteria from Pregnant Women in Karaikudi, Sivagangai district	Dr. J. Joseph sahayarayan	Int J Mod Sci Technol	2017	1	0	Department of Bioinformatics
Handling of Big Data with a Novel Solution Architecture on Smart Grids	Dr. RM.Vidhyavathi	Int. J. pure and Appl. Maths	2018	0	0	Department of Bioinformatics
Active Database System Approach in the Development of Academic Information System	Dr. RM.Vidhyavathi	IJET	2018	0	0	Department of Bioinformatics
Feature Level Fusion Based ANFIS Classifier for Brain MRI Image Classification	Dr. RM.Vidhyavathi	Concurrence and Computation: Practice and Experience	2018	1	0	Department of Bioinformatics
Vanillic acid from Actinidiadeliciosa impedes virulence in Serratia marcescens by affecting Slayer, flagellin and fatty acid biosynthesis proteins.	Sivasamy Sethupathy, Sivagnanam Ananthi, Anthonyimuthu Selvaraj, Balakrishnan Shanmuganathan, Loganathan Vigneshwari, Krishnaswamy Balamurugan, Sundarasamy Mahalingam, Shunmugiah Karutha Pandian	Scientific Reports	2017	0	0	Department of Biotechnology, Laboratory of Molecular Virology and Cell Biology, Department of Biotechnology, Indian Institute of Technology Madras
Multifaceted Applications of Nanoparticles and Nanocomposites decorated with biopolymers	Dr.E.Kannapiran	Book Chapter In: Biocomposites: Biomedical and Environmental Application	2017	9	0	Alagappa University

		ns, Pan Stanford Publishing Ltd				
Green synthesized silver nanoparticles demonstrating enhanced in vitro and in vivo antibiofilm activity against Candida spp	Subramanian Muthamil, Vivekanandham Amsa Devi, Boopathi Balasubramaniam, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Journal of Basic Microbiology	2018	0	0	Department of Biotechnology
Emerging trends on abiotic stress tolerance investigation in crop plants	Muthuramalingam P, Krishnan SR, Pandian S and Ramesh M	Advances in Biotechnology and Microbiology	2017	0	0	Alagappa University, Karaikudi. T. Stanes and Company Limited, Coimbatore
ESTs as a resource for gene discovery and population genetic analysis of crop plants	Pandian S, Muthuramalingam P and Ramesh M	MOJ Cell Science and Report	2017	0	0	Alagappa University, Karaikudi
An Amazing nutritional Value in Wonderful Finger Millet Makes This "The Most Lovable Food Crop" to the World	Pandian S, Sivasankar C, Muthuramalingam P, Ramesh M	Scientific Journal of Food Science and Nutrition	2017	0	0	Alagappa University, Karaikudi, Pondicherry University, Puducherry
Hamiltonian Approach for Finding Shortest Path	Dr. S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	0	Department of Computer Science
On Lattice ordered soft groups	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2017	21	0	Alagappa university
Impulsive discretetime BAM neural networks	Dr. R. Raja	Nonlinear Dynamics	2018	85	2	Alagappa university

with random parameter uncertainties and timevarying leakage delays: An asymptotic stability analysis						
A state estimation H_{∞} issue for discretetime stochastic impulsive genetic regulatory networks in the presence of leakage, multiple delays and Markovian jumping parameters	Dr. R. Raja	Journal of The Franklin Institute	2018	61	1	Alagappa university
A novel antimicrobial therapy for the control of Aeromonas hydrophila infection in aquaculture using marine polysaccharide coated gold nanoparticle	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gobi N, Ravichandran S, Karthi S, Ashokkumar B, Sivakumar N	Microbial Pathogenesis	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
A new global robust exponential stability criterion for H_{∞} control of uncertain stochastic neutraltype neural networks with both timevarying delays	Dr. R. Raja	International Journal of Control, Automation and Systems	2017	42	0	Alagappa university
Passivity analysis of uncertain stochastic neural network with leakage and distributed delays under impulsive perturbations	Dr. R. Raja	Kybernetika	2018	31	0	Alagappa university
Enhanced robust finitetime passivity for Markovian jumping	Dr. R. Raja	Advances in Difference Equations	2017	32	6	Alagappa university

discretetime BAM neural networks with leakage delay						
Controllability analysis of nonlinear neutraltype fractionalorder differential systems with state delay and impulsive effects	B. Sundaravadivoo	International Journal of Control, Automation and Systems	2017	42	0	Alagappa university
Nonlinear integrodifferential equations with small unknown parameters : A Controllability analysis problem	B. Sundaravadivoo	Mathematics and Computers in Simulation	2017	61	0	Alagappa university
Designing modular and distributive lattices using lsoft group	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	0	Alagappa university
Insights from the Molecular modeling, docking analysis of illicit drugs and Bomb Compounds with Honey Bee Odorant Binding Proteins (OBPs)	Dr. V. K. Langeswaran	Journal of Bioinformatics	2018	0	0	Department of Bioinformatics
Improved Antibacterial activity effect of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. V. K. Langeswaran	J Photochem Photobiol B	2018	0	0	Department of Bioinformatics
Nephroprotective effect of Kaempferol on biochemical and histopathological changes in mercuric chloride induced nephrotoxicity in experimental rats	Dr. V. K. Langeswaran	J.Biol.Act . Prod. Nat	2018	0	0	Department of Bioinformatics
Effect of diosmin	Dr. V. K.	Mol Cell	2018	9	0	Department

on apoptotic signalling molecules in Nnitrosodiethylamine induced hepatocellular carcinoma in experimental rats	Langeswaran	Biochem				of Bioinformatics
Photoluminescent Reduced Graphene Oxide Quantum Dots from Latex of Calotropis Gigantea for Metal Sensing, Radical Scavenging, Cytotoxicity, and Bioimaging in Artemia Salina: A Greener Route	Dr. P.Boomi	J Photochem Photobiol B	2018	0	0	Department of Bioinformatics
In silico identification and screening of CYP24A1 inhibitors: 3D QSAR pharmacophore mapping and molecular dynamics analysis	Dr. M. Karthikeyan	J Biomol Struct Dyn	2018	1	0	Department of Bioinformatics
Association of SH2B3 (rs3184504) polymorphism in essential hypertensive patients in south Indian population	Dr. M. Karthikeyan	Int. J. Life Sci	2018	1	0	Department of Bioinformatics
Design, synthesis and characterization of α , β unsaturated carboxylic acid and its urea based derivatives that explores novel epigenetic modulators in human nonsmall lung cancer A549 cell line	Dr. M. Karthikeyan	J Cell Physiol	2018	1	0	Department of Bioinformatics
Vitamin D Receptor (VDR) nonsynonymous Single Nucleotide	Dr. M. Karthikeyan	J Mol Graph Model	2018	1	0	Department of Bioinformatics

Polymorphisms (nsSNPs) affect the Calcitriol Drug Response a theoretical Insight						
Gene Polymorphism with Essential Hypertension in South Indian Population	Dr. M. Karthikeyan	Int J Hum Genet	2018	1	0	Department of Bioinformatics
Computational and in vitro insights on snake venom phospholipase A2 inhibitor of phyto compound ikshusterol30glucoside of Clematis gouriana Roxb. ex DC	Dr. M. Karthikeyan	J Biomol Struct Dyn	2017	1	0	Department of Bioinformatics
Tannic acid Attenuates TGFβ1induced Epithelial to mesenchymal Transition by Effectively Intervening TGFβ Signaling in Lung Epithelial Cells	Dr. M. Karthikeyan	J Cell Physiol	2017	1	0	Department of Bioinformatics
Computational drug discovery: An avenue for targeting the protein-protein interaction between HIV1 integrase and LEDGF/p75	Dr. Sanjeev Kumar Singh	Journal of Proteins and Proteomics	2018	1	0	Department of Bioinformatics
Unravelling Novel Congeners from Acetyllysine Mimicking Ligand Targeting a lysine acetyltransferase PCAF Bromodomain	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2018	0	0	Department of Bioinformatics
βSitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial	Dr. Sanjeev Kumar Singh	Sci. Rep.	2018	1	0	Department of Bioinformatics

dysregulation and p53 activation						
E7 Oncoprotein of Human Papillomavirus: Structural Dynamics and Inhibitor Screening Study	Dr. Sanjeev Kumar Singh	Gene	2018	1	0	Department of Bioinformatics
Vitexin inhibits A β 2535 induced toxicity in Neuro2a cells by augmenting Nrf2/HO1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Dr. Sanjeev Kumar Singh	Toxicol. in Vitro	2018	1	0	Department of Bioinformatics
New Approach for Text Based Image Compression	Dr. S. S. Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	0	Department of Computer Science
Atombased 3DQSAR, induced fit docking, and molecular dynamics simulations study of thieno 2,3b pyridines negative allosteric modulators of mGluR5	Dr. Sanjeev Kumar Singh	J Recept Signal Transduct	2018	1	0	Department of Bioinformatics
Elucidation on effect of Pelargonidin towards cell cycle regulators and DNA methyltransferases in human colorectal cancer cells: A molecular dynamic simulation approach	Dr. Sanjeev Kumar Singh	Comput. Biol. Chem	2017	1	0	Department of Bioinformatics
A Virtual Screening approach for the Identification of	Dr. Sanjeev Kumar Singh	Curr. Top. Med. Chem	2017	1	0	Department of Bioinformatics

High affinity small molecules targeting BCRABL1 inhibitors for the treatment of Chronic Myeloid Leukemia						
Novel ligandbased docking molecular dynamic simulations and absorption, distribution, metabolism, and excretion approach to analyzing potential acetylcholinesterase inhibitors for Alzheimers disease	Dr. Sanjeev Kumar Singh	J. Pharmaceut . Anal	2017	1	0	Department of Bioinformatics
Dissecting the Structurefunction Relationship in Lysozyme Domain of Mycobacteriophage D29encoded Peptidoglycan Hydrolase	Dr. Sanjeev Kumar Singh	FEBS Letters	2017	1	0	Department of Bioinformatics
Structure based Virtual Screening toward the discovery of novel inhibitors for impeding the proteinprotein interaction between HIV1 integrase and human lens epitheliumderived growth factor	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2017	1	0	Department of Bioinformatics
Antiamyloidogenic and antiapoptotic effect of obisabolol against A β induced neurotoxicity in PC12 cells	Dr. Sanjeev Kumar Singh	Eur. J. Med. Chem	2017	1	0	Department of Bioinformatics
Molecular Dynamic Simulations Reveal Suboptimal Binding of Salbutamol in T164I Variant of	Dr. Sanjeev Kumar Singh	Plos One	2017	1	0	Department of Bioinformatics

β 2 Adrenergic Receptor						
Structural insights into the binding mode of flavonols with the active site of Matrix MetalloProteinase9 through molecular docking and Molecular Dynamic Simulations studies	Dr. Sanjeev Kumar Singh	J Biomol Struct Dyn	2017	0	0	Department of Bioinformatics
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptide cyclo(LleucylLprolyl) thwarts biofilm formation	Gowrishankar, S and Pandian, S.K	Biochim Biophys Acta Biomembranes Elsevier, The Netherlands]	2017	0	2	Department of Biotechnology
Antivirulent properties of underexplored Cinnamomum tamala essential oil and its synergistic effects with DNase against Pseudomonas aeruginosa biofilms an in vitro study	FarisaBanu, S., Rubini, D., Rakshithaa, S., Sekar, C.K., Wilson, A., Gowrishankar, S., Pandian, S.K., and Nithyanand, P	Frontiers in Microbiology [Lausanne: Frontiers Media SA]	2017	0	3	Department of Biotechnology
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan, A., Gowrishankar, S., Srinivasan, R., Pandian, S.K., and Ravi, A.V	Microbial Pathogenesis [Elsevier, London]	2017	0	3	Department of Biotechnology
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated	Satish, L, Santhakumari, S, Gowrishankar, S, Pandian, S.K., Ravi, A.V., Ramesh,	Environmental Science and Pollution Research [Germany	2018	0	3	Department of Biotechnology

biofilm formation of <i>Vibrio</i> species An in vitro and in vivo approach	M	(Berlin): Springer]				
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by <i>Candida</i> spp	FarisaBanu, S., Rubini, D., Shanmugavelan, P., Murugan, R., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Journal of Medical Mycology [Elsevier, France]	2018	0	1	Department of Biotechnology
Exploring the antiviral and sea food preservation efficacy of Essential oil combined with DNase on <i>Vibrio paraholyticusaem</i>	FarisaBanu, S., Rubini, D., Murugan, R., Vellingiri, V., Gowrishankar, S., Pandian, S.K., Nithyanand, P	LWT Food Science and Technology [Elsevier, France]	2018	0	0	Department of Biotechnology
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant <i>Staphylococcus aureus</i>	Rubini, D., FarisaBanu, S., Vellingiri, V., RamyaDevi, D., Gowrishankar, S., Pandian, S.K., Nithyanand, P	Food and Chemical Toxicology [Elsevier, France]	2018	0	0	Department of Biotechnology
A mini review on the chemistry and neuroprotective effects of silymarin	Devi KP, Malar DS, Braidy N, Nabavi SM and Nabavi SF	Current Drug Targets	2017	0	1	Department of Biotechnology
Exploring the antiquorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Ramanathan Srinivasan, Ramar Mohankumar, Arunachalam Kannappan, Veeramani Karthick Raja, Govindaraju Archunan, Shunmugiah Karutha Pandian, Kandasamy	Frontiers in Cellular and Infection Microbiology	2018	0	3	Department of Biotechnology, Department of Pharmaceutical Technology, National Facility for Drug Development for

	Ruckmani and Arumugam Veera Ravi					Academia, Pharmaceutical and Allied Industries, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, Department
Phytosynthesized silver nanoparticles as anti-quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> : an in vitro study	Ravindran D, Ramanathan S, Arunachalam K, Jeyaraj GP, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	0	Department of Biotechnology
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen <i>Acinetobacter baumannii</i>	Ramanathan Shalini, Arunachalam K, Chandran S, Selvaraj R, Shunmugiah KP, Arumugam VR	Journal of Applied Microbiology	2018	0	0	Department of Biotechnology
Effect of patchouli and cinnamon essential oil on biofilm and hyphae formation by <i>Candida</i> spp	S FarisaBanua, D.Rubini, P.Shanmugavelan, R.Murugan, S.Gowrishankar, S.Karutha Pandian, P.Nithyanand	Journal de Mycologie Medicale	2018	0	1	Biofilm Biology Laboratory, School of Chemical and Biotechnology, School of Chemical and Biotechnology, Department of Biotechnology, Centre for Research on Infectious Diseases (CRID)
Robust finite time nonfragile	Dr. R. Raja	Applied Mathematic	2018	11	7	2 Alagappa university

sampleddata control for TS fuzzy flexible spacecraft model with stochastic actuator faults		s and Computation				
Molecular and Therapeutic Targets of Genistein in Alzheimer's disease	Devi KP, Shanmuganathan B, Manayi A, Nabavi SF, Nabavi SM	Molecular Neurobiology	2017	0	1	Department of Biotechnology
An in vitro and in silico identification of antibiofilm small molecules from seawater metaclone SWMC166 against Vibrio Cholerae O1	MuruganRajalaxmi, RajamohamedBee maShafree, KaruppiahChithiraiselvi, Shunmugiah Karutha Pandian	Molecular and Cellular Probes	2018	0	1	Department of Biotechnology, Centre for Nanoscience and Nanotechnology, Sathyabama University
Exploring the antivirulent and sea food preservation efficacy of Essential oil combined with DNase on Vibrio parahaemolyticus	Sanaulla FarisaBanu, Durairajan Rubini, Ramar Murugan, Vellingiri Vadivel, Shanmugaraj Gowrishankar, Shunmugiah KaruthaPandian, Paramasivam Nithyanand	LWT Food Science and Technology	2018	0	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases (CRID)
Pixel Based Phenology Method for Satellite Image Environment Classification - Supervised Approach	Dr.E.Ramaraj	International Journal of Advance Research in Computer Science	2018	0	0	Department of Computer Science
The metabolic profile of essential oils and assessment of antiurease activity of ESImass spectrometry of Salvia	Sheriff.T.S. Hassan, Emil S vajdlenka, Kannan R.R.Rengasamy, Radka Melicharkova, Shunmugiah KaruthaPandian	South African Journal of Botany	2018	0	0	Department of Natural Drugs, Faculty of Pharmacy, University of Veterinary and

officinalisL						Pharmaceutic al Sciences Brno, Palackeho, Department of Biotechnolog y
OGlcNAcylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through ubiquitination	Loganathan Vigneshwari, BoopathiBalasu bramaniam, Sivasamy Sethupathy, Shunmugiah Karutha Pandian and Krishnaswamy Balamurugan	RSC Advances	2018	0	0	Department of Biotechnolog y
A study of stress caused by social interactions in social networks	Dr.S.Santhoshk umar	Internatio nal Journal of Computer Engineerin g and Applicatio ns	2018	0	0	Department of Computer Science
A Simple Data Mining Model for Heart Disease Prediction	Dr.S.Santhoshk umar	Journal of Global Pharma Technology	2018	0	0	Department of Computer Science
A Study of Data Mining Techniques for Auto Immune Diseases	Dr.S.Santhoshk umar	Internatio nal Journal of Pure and Applied Mathematic s	2018	4	0	Department of Computer Science
Study and Analysis of Influential Node Tracking in Social Networks	Dr.S.Santhoshk umar	Internatio nal Research Journal of Engineerin g and Technology (IRJET)	2018	0	0	Department of Computer Science
Study and Analysis of Infrequent Behavior Patterns in Business Process Event Logs	Dr.S.Santhoshk umar	Internatio nal Journal of Computer Science and Mobile Computing	2018	0	0	Department of Computer Science

Term Based Weight Measure for Information Filtering in Search Engines	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2018	0	0	Department of Computer Science
Security Issues involved in sharing of Healthcare Informations Through Cloud Storage	Dr.A.Padmapriya	International Journal of Engineering and Technology (IJET)	2017	0	0	Department of Computer Science
Cryptanalysis of Digital Imaging and Communications in Medicine (DICOM) Medical contents Encryption using Modified Vigenere Cipher and Multilevel Encryption Methodologies	Dr.A.Padmapriya	Research Journal of Pharmaceutics, Biological and Chemical Sciences (RJPBCS)	2017	0	0	Department of Computer Science
Effect of EVM in the Assembly Elections of Tamil Nadu	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	0	Department of Computer Science
Internet as a Source for Job Seeking	Dr.S.S.Dhenakaran	International Journal of Computer Science	2017	0	0	Department of Computer Science
Automated crime Data computing and Criminals Matching Using Data Mining Techniques	Dr.T.Meyyappan	International Journal for Modern Trends in Science and Technology	2017	0	0	Department of Computer Science
Web Digging strategies for Extraction of News	Dr.T.Meyyappan	International Journal for Modern Trends in Science and Technology (MTST)	2017	0	0	Department of Computer Science

Enhanced Secure Authentication Based SEMS With Improved Security Model	Dr.T.Meyyappan	International Journal for Modern Trends in Science and Technology (MTST)	2017	0	0	Department of Computer Science
Image Encryption and decryption using Shifting Technique	Dr.T.Meyyappan	International Journal of engineering science and computing	2017	0	0	Department of Computer Science
A New approach for the recognition of character from vehicle number plate Images using Knearest neighbor classifier and Enhanced Artificial Neural Network	Dr.T.Meyyappan	International Journal of Pure and Applied Mathematics	2018	0	0	Department of Computer Science
Lattice ordered intervalvalued hesitant fuzzy soft sets in decision making problem	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	0	Alagappa university
Rapid biosynthesized AgNPs from Gelidiella acerosa aqueous extract mitigates quorum sensing mediated biofilm formation of Vibrio species An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Ravi AV, Pandian SK and Ramesh M	Environmental Science and Pollution Research [Springer, Berlin Heidelberg]	2017	0	6	Alagappa University, Karaikudi, BenGurion University of Nagev, Beer Sheva
Euphorbia rothianaFabricated Ag Nanoparticles Showed High Toxicity on Aedes aegypti Larvae and Growth Inhibition on Microbial Pathogens: A Focus on Morphological	Banumathi B, Vaseeharan B, Thenmozhi C,Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster sciences	2017	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa

Changes in Mosquitoes and Antibiofilm Potential Against Bacteria						University
Spermidine sprays alleviate the water deficit induced oxidative stress in finger millet (<i>Eleusine coracana</i> L. Gaertn.) plants	Satish L, Rency AS and Ramesh M	Biotech [Springer, India]	2018	0	0	Alagappa University, Karaikudi, BenGurion University of Negev, The Jacob Blaustein Institutes for Desert Research,
Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immunemolecule β 1, 3 glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Colloids and Surfaces B: Biointerfases	2017	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Inhibitory effect of α mangostin on <i>Acinetobacter baumannii</i> biofilms - an in vitro study	Murugesan Sivaranjani, Ramanathan Srinivasan, Chairmandurai Aravindraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Biofouling	2018	0	0	Department of Biotechnology
In vivo protective effect of geraniol on colonization of <i>Staphylococcus epidermidis</i> in rat jugular vein catheter model	Arunachalam Kannappan, RamarMohankumar, Ramanathan Srinivasan, Govindaraju Arachun, Shunmugiah Karutha Pandian, Kandasamy Ruckmani and Arumugam Veera Ravi	Pathogens and disease	2018	0	0	Department of Biotechnology, National Facility for Drug Development (NFDD) for Academia, Pharmaceutical and Allied Industries, Department of

						Pharmaceutical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirappalli, Centre for
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Pandiyan Muthuramalingam, Subramanian Radhesh Krishnan, Subramani Pandian, Narayanan Mareeswaran, Wilson Aruni, Shunmugiah Karutha Pandian and Manikandan Ramesh	Scientific reports	2018	0	0	Department of Biotechnology, T. Stanes and Company Ltd, Division of Microbiology, School of Medicine, Loma Linda University, Loma Linda
Chitosan extracted from marine biowaste mitigates staphyloxanthin production and biofilms of Methicillin resistant Staphylococcus aureus	Durairajan Rubini, Sanaula Farisa Banu, B. Narayanan Veda Hari, Durai Ramya Devi, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Paramasivam Nithyanand	Food and Chemical Toxicology	2018	0	0	Biofilm Biology Laboratory, Centre for Research on Infectious Diseases (CRID), School of Chemical and Biotechnology, SASTRA Deemed University,) Department of Biotechnology
Inhibitory effect of α -mangostin on Acinetobacter baumannii biofilms - an in vitro study	Sivaranjani M, Srinivasan R, Aravindraja C, Pandian SK Ravi AV	Biofouling	2018	0	0	Department of Biotechnology
Inhibition of quorum sensing mediated	Devi KR, Srinivasan S and Ravi AV	Microbial Pathogenesis	2018	0	0	Department of Biotechnology

virulence in Serratia marcescens by Bacillus subtilis R18						Y
In vitro and in vivo effect of 2,6-Di-tert-butyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Nazar AK, Pandian SK, Ravi AV	International Journal of Food Microbiology	2018	0	0	Department of Biotechnology
Enhanced result on stability analysis of randomly occurring uncertain parameters, leakage and impulsive BAM neural networks with time-varying delays: Discrete-time case	Dr. R. Raja	International Journal of Adaptive Control and Signal Processing	2018	42	0	Alagappa university
Information Extraction and Prediction Using Partial Keyword Combination and Blends Measure	Dr. A. Padmapriya	IETE Journal of Research	2017	0	0	Department of Computer Science
Quorum sensing mediated virulence inhibition of an opportunistic human pathogen Serratia marcescens from unexplored marine sediment of Palk Bay through function driven metagenomic approach	Chairmandurai Aravindraja, Alaguvel Valliammai, Dharmaprakash Viszwapriya, Shunmugiah Karutha Pandian	Indian Journal of Experimental Biology	2017	0	0	Department of Biotechnology
Modulation of Staphylococcus epidermidis (RP62A) extracellular polymeric layer by marine cyclic dipeptide cyclo(Lle	Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian	BBA Biomembranes	2017	0	2	Department of Biotechnology

ucylLprolyl) thwarts biofilm formation						
Evaluation of selected Indian medicinal plants for antagonistic potential against <i>Malassezia</i> spp. and the synergistic effect of embelin in combination with ketoconazole	Chandran Sivasankar, Subramanian Gayathri, James Prabhanand Bhaskar, Venkat Krishnan, Shunmugiah Karutha Pandian	Microbial Pathogenesis	2017	0	1	Department of Biotechnology, ITC Life Sciences and Technology Centre, Peenya, Bengaluru
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species— an in vitro and in vivo approach	Lakkakula Satish, Sivasubramanian Santhakumari, Shanmugaraj Gowrishankar, Shunmugiah Karutha Pandian, Arumugam Veera Ravi, Manikandan Ramesh	Environmental Science and Pollution Research	2017	0	3	Department of Biotechnology, Department of Biotechnology Engineering Ben Gurion University of the Negev Beer Sheva Israel
Antibiofilm activity of <i>Vetiveria zizanioides</i> root extract against methicillin resistant <i>Staphylococcus aureus</i>	Arunachalam Kannappan, Shanmugaraj Gowrishankar, Ramanathan Srinivasan, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Microbial Pathogenesis	2017	0	2	Department of Biotechnology
In vitro and in vivo exploration of palmitic acid from <i>Synechococcus elongatus</i> as an antibiofilm agent on the survival of <i>Artemia franciscana</i> against virulent vibrios	Sivasubramanian Santhakumari, Nizam Mohamed Nilofernisha, Jeyaraj Godfred Ponraj, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of Invertebrate Pathology	2017	0	0	Department of Biotechnology, TIL Biosciences - Animal Health Division of Tablets (India) Limited, Jhaver Centre, Egmore

5hydroxymethyl2fur aldehyde from marine bacterium Bacillus subtilis inhibits biofilm and virulence of Candida albicans	Ganapathy AshwinkumarSubramenium, Thirukannamangai Krishnan Swetha, Prasanth Mani Iyer, Krishnaswamy Balamurugan, Shunmugiah Karutha Pandian	Microbiological Research	2017	0	1	Department of Biotechnology
Extracting of Positive and Negative Association Rules	Dr. N. Anbazhagan	Int Journal of Emerging Research in Management and Technology	2017	11	0	Alagappa university
Assessment of antioxidant, anticholinesterase and antiamyloidogenic effect of Terminalia chebula, Terminalia arjuna and its bioactive constituent 7Methyl gallic acid - An in vitro and in silico studies	Pugazhendhi A, Shafreen RB, Devi KP, Suganthi N	Journal of Molecular Liquids	2018	0	0	Department of Biotechnology
Synthesis and Characterization of Hydroxyapatite/Graphene Oxide for Biomedical Applications	Dhatchayani S, Vaseeharan B, Vijayakumar S, Sarala N, Sankaranarayanan K	International Research Journal of Engineering and Technology	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on	Vijayakumar S, Malaikozhundan B, Shanthi S Vaseeharan B, Thajuddin N	Microbial pathogenesis	2017	0	4	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal

Ceriodaphnia cornuta						Health and Management, Alagappa University
Green larvicides against blowflies, Lucilia sericata (Diptera, Calliphoridae): Screening of seven plants used in Indian ethnoveterinary medicine and production of greencoated zinc oxide nanoparticles	Banumathi B, Vaseeharan B, Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	0	2	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Linguistic Schemes Encoding Text Message	Dr.S.S.Dhenakaran	International Journal Scientific Research in Science and Technology	2018	0	0	Department of Computer Science
Structural and functional roles of dynamically correlated residues in thymidylate kinase	Dr. J. Jeyakanthan	Acta Crystallogr D Struct Biol	2018	1	0	Department of Bioinformatics
Antiamyloidogenic and antiapoptotic effect of obisabolol against A β induced neurotoxicity in PC12 cells	Shanmuganathan B, Suryanarayanan V, Sathya S, Narenkumar M, Singh SK, Ruckmani K, Devi KP	European Journal of Medicinal Chemistry	2018	0	0	Department of Biotechnology
An Adequate Image Stegnography Method based on Bit Reversed Technique	Dr.K.Kuppusamy	International Journal of Scientific Research in Science and Technology	2018	0	0	Department of Computer Science
A Brief Review on Cloud Security Scenarios	Dr.K.Kuppusamy	International Journal of Scientific Research	2018	0	0	Department of Computer Science

		in Science and Technology				
Comparative Study Of Big Data Analytical Tools	Dr.E.Ramaraj	International Journal Of Pure And Applied Mathematics	2018	0	0	Department of Computer Science
An Efficient Approach In Image Segmentation Based On Energetic Self Organization Map	Dr.E.Ramaraj	International Journal For Research In Engineering Application And Management	2018	0	0	Department of Computer Science
An Enhancement Review On Image Segmentation Methods	Dr.E.Ramaraj	International Journal of Advance Research	2018	0	0	Department of Computer Science
Efficient Satellite Image Segmentation Using Energetic SOM	Dr.E.Ramaraj	International Journal Of Innovative Science And Research Technology	2018	0	0	Department of Computer Science
A note on Lattice ordered Fuzzy Soft Group	Dr. J. Vimala	International Journal of Pure and Applied Mathematics	2018	21	0	Alagappa university
Privacy Preserving Public Auditing for Secure Cloud Storage	Dr.E.Ramaraj	International Journal of Knowledge Based Computer Systems	2018	0	0	Department of Computer Science
Vitexin inhibits A β 2535 induced toxicity in Neuro2a cells by augmenting	Malar DS, Suryanarayanan V, Prasanth MI, Singh SK, Balamurugan K,	Toxicology in Vitro	2018	0	1	Department of Biotechnology

Nrf2/HO1 dependent antioxidant pathway and regulating lipid homeostasis by the activation of LXR α	Devi KP					
Band Value Based Reflective Image Classification Method to Classify the Satellite Image Environment	Dr.E.Ramaraj	International Journal of Engineering and Technology	2018	0	0	Department of Computer Science
Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Gopi N, Ekambaram P, Pachaiappan R, Velusamy P, Murugan K, Benelli G, Suresh kumar R, Suriyanarayana moorthy M	Microbial Pathogenesis	2017	0	3	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Sargassum wightiisynthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera	Murugan K, Roni M, Paneerselvam C, Aziz A T, Suresh U, Rajaganesh R, Aruliah R, Mahyoub J A, Trivedi S, Rehman H, Aoh H A N A, Kumar S, Higuchi A, Vaseeharan B, Huiwei, Senthil Nathan S, Canale A, Benelli G	Physiological and Molecular Plant Pathology	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Synthesis and Distribution of Bioinspired Silver Nanoparticles Using Spirulina Extract for Control of Vibrio parahaemolyticus Infection in Aquaculture	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B, Prabhu N M	Journal of Asian Journal of Chemistry	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University

Biological therapeutics of <i>Pongamia pinnata</i> coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF7 breast cancer cells	Malaikozhundan B, Vaseeharan B, Vijayakumar S, Pandiselvi K, Rajamohamed Kalanjiam M A, Murugan K, Benelli G	Journal of Microbial Pathogenesis	2017	0	6	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab <i>Portunus pelagicus</i> and their antibiofilm properties	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Journal of Fish and Shellfish Immunology	2017	0	6	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Green Synthesized Silver Nanoparticles: Toxicity against <i>Poecilia reticulata</i> Fishes and <i>Ceriodaphnia corunta</i> Crustaceans	Ishwarya R, Vaseeharan B, Shanthi S, Benelli G	Journal of Cluster Science	2017	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Role of purified β 1, 3 glucan binding protein (β GBP) from <i>Paratelphusa hydrodromus</i> and their antiinflammatory, antioxidant and antibiofilm properties	Iswarya A, Anjugam M, Vaseeharan B	Fish and Shellfish Immunology	2017	0	4	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Toxicity of <i>Camellia sinensis</i> Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological	Banumathi B, Vaseeharan B, Suganya P, Citarasu T, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Cluster Science	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management,

Abnormalities and DNA Damages						Alagappa University
Implementation of Boolean algebraic structure and its decision making approach over lattice ordered multi sets	Dr. J. Vimala	International Journal of Engineering and Technology	2018	0	0	Alagappa university
Magnetic nanoparticles are highly toxic to chloroquineresistant Plasmodium falciparum, dengue virus (DEN2), and their mosquito vectors	Murugan K, Wei J, Alsalhi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Cana	Parasitology Research	2017	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Taxonomy status and description of family Melongenidae collected from Thondi Coast in Palk Bay area, South East Coast of India	Paul. P, Stella. C and L. Kanagu and K.Priyanka	Ecology and Fisheries	2018	0	0	Alagappa University
Physicochemical and Microbiological Changes During Drying of Wolf Herring (Chirocentrus dorab) and Coastal Trevally (Carangoides coeruleopinnatus)	Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam and Spiros Paramithiotis	Journal of Aquatic Food Product Technology	2017	0	0	Alagappa University
In vitro propagation and conservation of useful endangered	Rameshkumar R, Rathinapriya P, Satish L, Pandian S,	Journal of Molecular Biology and	2017	0	0	Alagappa University, Karaikudi

medicinal plants with anticancer activity	Rency AS and Ramesh M	Biotechnology [iMedPub Journals, USA]				
Genomewide identification of major transcription factor superfamilies in rice identifies key candidates involved in abiotic stress dynamism	Muthuramalingam P, Krishnan S R, Saravanan K, Mareeswaran N, Kumar R and Ramesh M	Journal of Plant Biochemistry and Biotechnology [Springer, India]	2018	0	0	Alagappa University, Karaikudi. T. Stanes and Company Ltd. Coimbatore. Panjab University, Chandigarh
Sprouted sorghum extract elicits coleoptile in indica rice and enhances its shoot and root acclimatization, maintaining its genetic fidelity (RISSR).	Krishnan SR, Muthuramalingam P, Pandian S, Banupriya R, Chithra G and Ramesh M	Rice Science [China National Rice Research Institute, Hangzhou, Elsevier]	2018	0	0	Alagappa University, Karaikudi. T. Stanes and Company Limited, Coimbatore
Analysis of population structure and genetic diversity in an exotic germplasm collection of Eleusine coracana(L.) Gaertn. using genicSSR markers	Pandian S, Satish L, Rameshkumar R, Muthuramalingam P, Rency SA, Rathinapriya P and Ramesh M	Gene (Elsevier, USA)	2018	0	1	Alagappa University, Karaikudi
Global analysis of threonine metabolism genes unravel key players in rice to improve the abiotic stress tolerance	Muthuramalingam P, Krishnan SR, Pandian S, Mareeswaran N, Aruni W, Pandian SK and Ramesh M	Scientific Reports [Nature Publishing Group, UK]	2018	0	0	Alagappa University, Karaikudi. T. Stanes and Company Ltd. Loma Linda University, USA
Synthesizing graphene from waste mosquito repellent graphite rod by using electrochemical exfoliation for	Dr. C. Ganesa Moorthy	Energy Sources, Part A: Recovery, Utilization, and Environmen	2017	33	0	Alagappa university

battery/supercapacitor applications		tal Effects				
Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab <i>Portunus pelagicus</i> and its antibiofilm activity	Jayanthi S, Vaseeharan B, Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M	International Journal of Biological Macromolecules	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Proteomics analysis of crude squid ink isolated from <i>Sepia esculenta</i> for their antimicrobial, antibiofilm and cytotoxic properties	Kumar P, Kannan M, Arun P V, Vaseeharan B, Vijaykumar S	Microbial pathogenesis	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Receptor based Pharmacophore modeling and Virtual Screening Aurora Kinase Inhibitors	Dr. J. Jeyakanthan	J Mol Graph Model	2018	1	0	Department of Bioinformatics
Molecular dynamics and quantum chemistrybased approaches to identify isoform selective HDAC2 inhibitor - a novel target to prevent Alzheimer's disease	Dr. J. Jeyakanthan	J Recept Signal Transduct Res	2018	1	0	Department of Bioinformatics
Insights from the Molecular modeling, docking analysis of illicit drugs and Bomb Compounds with Honey Bee Odorant Binding Proteins	Dr. J. Jeyakanthan	Bioinformatics	2018	1	0	Department of Bioinformatics
PlaneFinder: A methodology to find the best	Dr. J. Jeyakanthan	Journal of Applied Crystallog	2018	1	0	Department of Bioinformatics

plane for a set of atoms involved in the metal coordination in the protein structures		raphy				cs
Identification of antifilarial leads against aspartate semialdehyde dehydrogenase of Wolbachia endosymbiont of Brugia malayi: combined molecular docking and molecular dynamics approaches	Dr. J. Jeyakanthan	J Biomol Struct Dyn	2018	1	0	Department of Bioinformatics
Improved conductivity and antibacterial activity of poly(2aminothiophenol)silver nanocomposite against human pathogens	Dr. J. Jeyakanthan	J Photochem Photobiol B	2018	1	0	Department of Bioinformatics
Synthesis of rhodamine based organic nanorods for efficient chemosensor probe for Al (III) ions and its biological applications	Dr. J. Jeyakanthan	Sensors and Actuators B: Chemical	2018	1	0	Department of Bioinformatics
Green synthesis of silver nanoparticles using Lippia nodiflora aerial extract and evaluation of their antioxidant, antibacterial and cytotoxic effects	Dr. J. Jeyakanthan	Resource Efficient Technologies	2017	1	0	Department of Bioinformatics
Molecular modeling, dynamics studies and density functional theory approaches to identify potential inhibitors of	Dr. J. Jeyakanthan	J Biomol Struct Dyn	2017	1	5	Department of Bioinformatics

SIRT4 protein from Homo sapiens : a novel target for the treatment of type 2 diabetes						
Crystallographic and solution structure of the Nterminal domain of the Rel protein from Mycobacterium tuberculosis	Dr. J. Jeyakanthan	FEBS Lett	2017	0	0	Department of Bioinformatics
Structural studies of a hyperthermophilic thymidylate kinase enzyme reveal conformational substates along the reaction coordinate	Dr. J. Jeyakanthan	FEBS Journal	2017	0	0	Department of Bioinformatics
Bioprospecting of coral (Porites lutea) mucus associated bacteria, Palk Bay Reefs	Dr. E. Kannapiran	Microbial Pathogenesis	2017	9	1	Alagappa University
Two potential uses for silver nanoparticles coated with Solanum nigrum unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Dr. E. Kannapiran	Microbial pathogenesis	2017	9	3	Alagappa University
Synthesis of platinum nanoparticles using seaweed Padinagymnospora and their catalytic activity as PVP/PtNPs nanocomposite towards biological applications	Dr. E. Kannapiran	Biomedicine and Pharmacotherapy	2017	9	9	Alagappa University
Biofabrication and characterization of silver nanoparticles using aqueous	Dr. E. Kannapiran	Biotechnology Reports	2017	9	23	Alagappa University

extract of seaweed Enteromorpha compressa and its biomedical properties						
Biosynthesis of silver nanoparticles using aqueous extract of Phyllanthus acidus L. fruits and characterization of its anti-inflammatory effect against H ₂ O ₂ exposed rat peritoneal macrophages	Dr.E.Kannapiran	Process Biochemistry	2017	9	4	Alagappa University
Synthesis and distribution of bioinspired silver nanoparticles using Spirulina Extract for control of Vibrio parahaemolyticus infection in Aquaculture	Dr.E.Kannapiran	Asian Journal of Chemistry	2017	9	1	Alagappa University
In vitro and in vivo evaluation of probiotic properties of Enterobacter cloacae in Kenyichlid, Maylandialombardoi	Dr.E.Kannapiran	Aquacult Int	2018	9	0	Alagappa University
Heavy metal stress induced hyperglycemia in blue swimmer crab, Portunus pelagicus. Acta	Saravanan, R. and Sugumar, V	Oceanologica Sinica	2017	0	0	Alagappa University
Faunistic studies on Macrozooplankton at Sundarapandianpattinam and Manamelkudi, Both locations along Palk strait, Tamil Nadu, India	Patricio De Los Ríos Escalante, and Chelladurai Stella	Crustacea	2017	0	0	Alagappa University

Seasonal variation of community composition of zooplankton in the Palk strait	Chokkalingam Lathasumathi, Patricio De Los Rios Escalante, Mariadoss Kalaiarasi and Chelladurai Stella	Bulletin de la Société Royale des Sciences de Liège	2017	0	0	Alagappa University
Key for Larval Crustacean Species found in Sundaparandian Pattinam and Manamelkudi, Tamil Nadu, India	Mariadoss Kalaiarasia and Chelladurai Stella	Sustainability Agri, Food and Environmental Research	2017	0	0	Alagappa University
Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (Portunus pelagicus) muscle during storage	Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie	Journal of Food Science and Technology	2017	0	3	Alagappa University
Ideal Approach on Lattice ordered Fuzzy Soft Group and its Application on selecting best Mobile Network coverage among Travelling paths	Dr. J. Vimala	ARPJ Journal of Engineering and Applied sciences	2018	17	1	Alagappa university
Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India	Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram	Marine Pollution Bulletin	2017	0	5	Alagappa University
Effects of turmeric (Curcuma longa) on shelf life extension and biogenic amine control of cuttlefish (Sepia brevimana) during chilled storage	Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda	CyTAJournal of Food	2017	0	1	Alagappa University
Lanosterol expressed biofouling	Balasubramanian V, Rajaram R, Palanichamy	Progress in Organic Coatings	2018	0	0	Department of Marine Science,

inhibition on Gulf of Mannar coast, India	S, Subramanian G, Mathivanan K, Pugazhendhi A					Bharathidasan University, b. Offshore Platform and Marine Electrochemistry Centre, CSIR - Central Electrochemical Research Institute, New Harbour Area, Tuticorin, c. Green Processing, Bioremediation and Alternative Energy
Exploring multi potential uses of marine bacteria an integrated approach for PHB production, PAHs and polyethylene biodegradation	K.Mohanrasu, N.Premnath, G.Siva Prakash, Muniyasamy Sudhakar, T. Boobalan and A. Arun	Journal of Photochemistry and Photobiology B: Biology	2018	0	0	Department of Energy Science, Department of Microbiology, Polymers and Composites, Materials Science and Manufacturing Unit, Council for Scientific and Industrial Research (CSIR), Department of Chemistry, Faculty of Science, Nelson Mandela University
Proteomics analysis of crude squid ink isolated from Sepia esculenta for their	Ponnuchamy Kumar, Mani Kannan, Vimalanathan ArunPrasanna, Baskaralingam	Microbial Pathogenesis	2018	0	0	Food Chemistry and Molecular Cancer Biology Lab,

antimicrobial, antibiofilm and cytotoxic properties	Vaseeharan, Sekar Vijayakumar					Department of Animal Health and Management
Gold nanoparticles tethered cinnamic acid: preparation, characterization, and cytotoxic effects on MCF7 breast cancer cell lines	Karthika Subramanian and Kumar Ponnuchamy	Applied Nanoscience	2018	0	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management
Coumarin-gold nanoparticle bioconjugates: preparation, antioxidant, and cytotoxic effects against MCF7 breast cancer cells	Gokila Mahendran Kumar Ponnuchamy	Applied nanoscience	2018	0	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management
Phytomediated synthesis of silver nanoparticles using fucoidan isolated from Spatoglossum asperum and assessment of antibacterial activities	Anjali Ravichandran, Palanisamy Subramanian, Vinosha Manoharan, Thenmozhi Muthu, Rajasekar Periyannan, Marudhupandi Thangapandi, Kumar Ponnuchamy, Boomi Pandi, Prabhu Narayanan Marimuthu	Journal of Photochemistry and Photobiology, B: Biology	2018	0	0	Food Chemistry and Molecular Cancer Biology Lab, Department of Animal Health and Management
Data Protection in Manet using Symmetric and Asymmetric Approaches	Dr.S.S.Dhenakaran	Australian Journal of Basic and Applied Sciences	2017	0	0	Department of Computer Science
Isolation of fucoidan from Sargassum polycystum brown algae Structural characterization,	S. Palanisamy, M. Vinosha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	International Journal of Biological Macromolecules	2017	0	12	Disease Control and Prevention Lab, Department of Animal

in vitro antioxidant and anticancer activity						Health and Management
In vitro antioxidant and antibacterial activity of sulfated polysaccharides isolated from <i>Spatoglossum asperum</i>	S. Palanisamy, M.Vinsha, T. Marudhupandi, P. Rajasekar, N.M. Prabhu	Carbohydrate Polymers	2017	0	7	Disease Control and Prevention Lab, Department of Animal Health and Management
Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> - A review	Balan Banumathi, Baskaralingam Vaseeharan, Rajasekar Periyannan, Narayanan marimuthu Prabhu, Palaniappan Ramasamy, Kadarkarai Murugan, Angelo Canale, Giovanni Benelli	Veterinary Parasitology	2017	0	26	Disease Control and Prevention Lab, Department of Animal Health and Management
Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: Biofilm inhibition and photodegradation of dye effluent	Malaikozhundan B, Vijayakumar S, Vaseeharan B, Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	0	3	Disease Control and Prevention Lab, Department of Animal Health and Management
Bioprospecting of coral (<i>Porites lutea</i>) mucus associated bacteria, Palk Bay reefs, southeast coast of India	Ahila NK, Prakash S, Manikandan B, Ravindran J, Prabhu NM, Kannapiran E	Microbial Pathogenesis	2017	0	1	Department of Animal Health and Management
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial Pathogenesis	2018	0	2	Disease Control and Prevention Lab, Department of Animal Health and

antibacterial, antibiofilm and cytotoxic potential						Management
Antiproliferative and apoptosisinduction studies of 5hydroxy 3,4,7trimethoxyflavone in human breast cancer cells MCF7: an in vitro and in silico approach	A. Sudha, P. Srinivasan, V. Kanimozhi, K. Palanivel and B. Kadalmani	Journal of Receptors and Signal Transduction	2018	0	0	Department of Animal Health and Management
Efficacy of potential phage cocktails against Vibrio harveyi and closely related Vibrio species isolated from shrimp aquaculture environment in the south east coast of India	N. Stalin and P. Srinivasan	Veterinary Microbiology	2017	0	5	Department of Animal Health and Management
Exploring the selectivity of autoinducer complex with LuxR using molecular docking, mutational studies and molecular dynamics simulations	S. Rajamanikandan and P. Srinivasan	Journal of Molecular Structure	2017	0	2	Department of Animal Health and Management
Discovery of potent inhibitors targeting Vibrio harveyi LuxR through shape and epharmacophore based virtual screening and its biological evaluation	S Rajamanikandan , J Jeyakanthan, P Srinivasan	Microbial pathogenesis	2017	0	2	Department of Animal Health and Management
Pharmacophore modeling, comprehensive 3DQSAR, and binding mode analysis of TGR5 agonists	T Sindhu, P Srinivasan	Journal of Receptors and Signal Transduction	2017	0	0	Department of Animal Health and Management

Binding mode exploration of LuxRthiazolidinedione analogues, epharmacophorebased virtual screening in the designing of LuxR inhibitors and its biological evaluation	S Rajamanikandan, J Jeyakanthan, P Srinivasan	Journal of Biomolecular Structure and Dynamics	2017	0	6	Department of Animal Health and Management
StructureBased Virtual screening and biological evaluation of LuxT inhibitors for targeting Quorum sensing through an in vitro biofilm formation	D. Sasikala, J. Jeyakanthan, P. Srinivasan	Journal of Molecular Structure	2017	13	3	Department of Animal Health and Management
Searching for crabborne antimicrobial peptides: Crustin from Portunus pelagicus triggers biofilm inhibition and immune responses of Artemia salina against GFP tagged Vibrio parahaemolyticus Dahv2	Rekha. R, Vaseeharan B, Ishwarya. R, Anjugam. M, Naiyf S. Alharbi, Kadaikunnan. S, Jamal M. Khaled, Mohammed N. Alanbrb, Govindarajan. M	Molecular Immunology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in Oreochromis mossambicus	Narayanan Gobi, Vaseeharan B, Ravichandran Rekha, Sekar Vijayakumar, Caterina Faggio	Ecotoxicology and Environmental Safety	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Investigation of antioxidant and anticancer potential of fucoidan from Sargassum polycystum	Palanisamy. S, Vinosha. M, Manikandakrishnan. M, Anjali. R, Rajasekar. P, Marudhupandi. T, Manikandan. R, Vaseeharan	International Journal of Biological Macromolecules	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management,

	B, Prabhu. N. M					Alagappa University
Adoption of Crypto Encryption Techniques in Different Scenarios	Dr.S.S.Dhenakaran	International Journal of Advanced Research in Computer Science and Management Studies	2017	6	0	Department of Computer Science
In vivo protective effect of geraniol on colonization of Staphylococcus epidermidis in rat jugular vein catheter model	Kannappan A, Mohankumar R, Srinivasan R, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Pathogens and Disease	2018	0	0	Department of Biotechnology
Biofilm inhibitory efficiency of phytol in combination with cefotaxime against nosocomial pathogen Acinetobacter baumannii	Srinivasan R, Kannappan A, Sivasankar C, Rathika S, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	0	Department of Biotechnology
Antibiofilm, anti cancer and ecotoxicity properties of collagen based ZnO nanoparticles	Vijayakumar. S, Vaseeharan B	Advanced Powder Technology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Robust Visual Target Tracking via nearest Sequential Boundry Pattern	Dr.K.Mahesh	International Journal of Pure and Applied Mathematics	2018	5	1	Kalasalingam University, KrishnanKoil
Effect of β 1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet	Anjugam M, Vaseeharan B, Iswarya A, Gobi N, Divya M, Thangaraj M P, Elumalai P	Fish and Shellfish Immunology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department

on immune response and disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophila</i>						of Animal Health and Management, Alagappa University
Antibiofilm of <i>Nocardioopsis</i> sp. GRGi (KT235640) compound against biofilm forming Gram negative bacteria on UTIs	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B, Manoharan N	Microbial pathogenesis	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Sargassum wightiisynthesized ZnO nanoparticles - from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp <i>Penaeus semisulcatus</i>	Ishwarya. R, Vaseeharan B, Suganya. S, Abdul Khudus Nazarb, Govindarajan. M, Naiyf S. Alharbie, Kadaikunnan. S, Jamal M. Khalede, Mohammed N. Alanbr	Journal of Photochemistry and Photobiology, B: Biology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Phenoloxidase activation, antimicrobial, and antibiofilm properties of β glucan binding protein from <i>Scylla serrate</i> crab hemolymph	Divya M, Vaseeharan B, Anjugam M, Iswarya A, Karthikeyan S, Velusamy P, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Vágvölgyi C	International Journal of Biological Macromolecules	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Biomining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab <i>Portunus pelagicus</i> (L.) (Decapoda: Portunidae)	Ishwarya R, Vaseeharan B, Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi N S, Khaled J M, Alanbr M N, Benelli G	Aquaculture	2018	0	2	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University

Bacterial exopolysaccharide (EPS) coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors	Abinaya M, Vaseeharan B, Divya M, Sharmili A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Trace Elements in Medicine and Biology	2018	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
In vitro and in vivo effect of 2,6-Di-tert-butyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio	Santhakumari S, Jayakumar R, Logalakshmi R, Prabhu NM, Abdul Nazar AK, Karutha Pandian S, Veera Ravi A	International Journal of Food Microbiology	2018	0	0	Department of Animal Health and Management
Toxicity of herbal extracts used in ethnoveterinary medicine and greenencapsulated ZnO nanoparticles against Aedes aegypti and microbial pathogens	Banumathi B, Vaseeharan B, Ishwarya R, Govindarajan G, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Parasitology Research	2017	0	3	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an invertebrate immune molecule., doi	Jayanthi S, Shanthi S, Vaseeharan B, Gopi N, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Phytochemistry and Photobiology, B: Biology	2017	0	2	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Greensynthesized CdS nanopesticides: toxicity on young instars of malaria vectors and impact on enzymatic activities of the nontarget mud crab Scylla serrate	Sujitha V, Murugan K, Dinesh D, Amuthvalli P, Aruliah R, Hwang J S, Kalimuthu K, Panneerselvam C, Higuchi A, Aziz A T, Kumar S, Alarfaj A A,	Aquatic Toxicology	2017	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University

	Vaseeharan B, Canale A, Benelli G					
Targeting miRNAs by polyphenols: Novel therapeutic strategy for cancer	Devi KP, Rajavel T, Maria D Seyed FN, Anupam B, Seyed MN	Seminars in Cancer Biology	2017	0	8	Department of Biotechnology
Targeting signal transducers and activators of transcription 3 (STAT 3) in human cancer by dietary polyphenolic antioxidants	Amani H, PazokiToroudi H, Ajami M, Daglia M, Meneghini S, Di Lorenzo A, Nabavi SF, Devi KP, Nabavi SM	Biochemie	2017	0	4	Department of Biotechnology
Rutin as neuroprotective agent: from bench to bedside	Budzynska B, Faggio C, KrukSlomka M, Samec D, Nabavi SF, Sureda A, Devi KP, Nabavi SM	Current Medicinal Chemistry	2017	0	0	Department of Biotechnology
Cholinesterase inhibitory, antiamyloidogenic and neuroprotective effect of the medicinal plant <i>Grewia tiliaefolia</i> – an in vitro and in silico study	Malar DS, Shafreen RMB, Pandian SK, Devi KP	Pharmaceutical Biology	2017	0	6	Department of Biotechnology
<i>Gelidiella acerosa</i> protects against A β 2535 induced toxicity and memory impairment in Swiss Albino mice: An in vivo report	Nisha AS, Devi KP	Pharmaceutical Biology	2017	0	1	Department of Biotechnology
Phytoloaded PLGA nanoparticle as a modulator of Alzheimer's toxic A β peptide aggregation and fibrillation associated with impaired neuronal cell function	Sathya, S., Shanmuganathan, B., Saranya, S., Vaidevi, S., Ruckmani, K., Devi KP	Artificial Cells, Nanomedicine, and Biotechnology	2017	0	0	Department of Biotechnology
Biogenic synthesis	Srinivasan R,	Environment	2017	0	0	Department

of silver nanoparticles using Piper betle aqueous extract and evaluation of its antiquorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: an in vitro and in vivo approach	Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP, Veera Ravi A	tal Science and Pollution Research				of Biotechnology
Performance enhancement of Spatial and frequency domain filters	Dr.V.Palanisamy	International journal of pure and applied mathematics	2018	0	2	Alagappa University
Grewia tiliaefolia and its active compound vitexin regulate the expression of glutamate transporters and protect Neuro2a cells from glutamate toxicity	Malar DS, Prasanth MI, Shafreen RB, Balamurugan K, Devi KP	Life Science	2018	0	0	Department of Biotechnology
Gelidiella acerosa exhibits neuroprotective effect against amyloid beta 2535 peptide induced toxicity in PC12 cells	Nisha SA, Devi KP	Journal of Dietary Supplements	2018	0	0	Department of Biotechnology
α Bisabolol loaded solid lipid nanoparticles attenuates A β aggregation and protects Neuro2a cells from A β induced neurotoxicity	Sathya, S. Shanmuganathan, B. Manirathinam G. Ruckmani, K. and Devi KP	Journal of Molecular Liquids	2018	0	0	Department of Biotechnology
Phytol shows antiangiogenic activity and induces apoptosis in A549 cells by depolarizing the	Sakthivel R, Malar DS, Devi KP	Biomedicine and Pharmacotherapy	2018	0	0	Department of Biotechnology

mitochondrial membrane potential						
Improved Agrobacterium mediated transformation and rapid regeneration in four cultivars of finger millet (<i>Eleusine coracana</i> (L.) Gaertn.)	Satish L, Ceasar SA and Ramesh M	Plant Cell Tissue and Organ Culture [Springer, Netherlands]	2017	0	2	Alagappa University, Karaikudi. BenGurion University of Nagev, Beer Sheva, Entomology Research Institute, Loyola College, Chennai, Centre for Plant Sciences and School of Molecular and Cellular Biology, Faculty of Biological Sciences, University of L
Algebraic applications on LFuzzy soft group	Dr. J. Vimala	International journal of soft computing	2017	12	1	Alagappa university
Biological synthesis of silver nanoparticles using β 1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential	Anjugam M, Vaseeharan B, Iswarya A, Divya M, Prabhu N M, Sankaranarayanan K	Microbial Pathogenesis	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dahb1 improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well	Gobi N, Vaseeharan B, Chen J C, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish and Shellfish Immunology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University

as resistance against Aeromonas hydrophila in tilapia Oreochromis mossambicus						
Biopolymer gelatincoated zinc oxide nanoparticles showed high antibacterial, antibiofilm and antiangiogenic activity. B: Biology	Divya M, Vaseeharan B, Abinanya M, Vijayakumar S, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Benelli G	Journal of Photochemistry and Photobiology	2018	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Synthesis of chitosanalginate (CS/ALG) microspheres with high antimicrobial and antibiofilm activity against multidrug resistant microbial pathogens	Thaya R, Vaseeharan B, Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M, Benelli G	Microbial Pathogenesis	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
PhosphineFree, Highly Emissive, WaterSoluble Mn:ZnSe/ZnS Core-Shell Nanorods: Synthesis, Characterization, and in Vitro Bioimaging of HEK293 and HeLa Cells	Joicy S, Arun M, Vijayshankar A, Vaseeharan B, Arunkumar D, Thangadurai P	Applied Nano Materials	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Insecticidal activity of camphene, zerumbone and dhumulene from Cheilocostus speciosusrhizome essential oil against the OldWorld bollworm, Helicoverpa armigera	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B, Alyahya S A, Alharbi N S, Kadaikunnan S, Khaled J M, Maggi F	Ecotoxicology and Environmental Safety	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
In vitro antagonistic	Girija V, Malaikozhundan	Microbial Pathogenesis	2018	0	1	Biomaterials and

activity and the protective effect of probiotic <i>Bacillus licheniformis</i> Dab1 in Zebrafish challenged with GFP tagged <i>Vibrio parahaemolyticus</i> Dabv2	M, Vaseeharan B, Vijayakumar S, Gopi N, Herrera M D V, Chen J C, Santhanam P	is				Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Swift fabrication of Ag nanostructures using a colloidal solution of <i>Holostemma adakodien</i> (Apocynaceae) - Antibiofilm potential, insecticidal activity against mosquitoes and nontarget impact on water bugs	Alyahya S A, Govindarajan M, Alharbi N S, Kadaikunnan S, Khaled J M, Mothana R A, Alanbr M N, Vaseeharan B, Ishwarya R, Yazhiniprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Regulation of autophagy by polyphenols: paving the road for treatment of neurodegeneration	Nabavi SF, Sureda A, Dehpour AR, Shirooie S, Silva AS, Devi KP, Ahmed T, Ishaq N, Hashim R, Sobarzo Sánchez E, Daglia M, Braidy N, Volpicella M, Vacca RA, Nabavi SM	Biotechnology Advances	2017	0	2	Department of Biotechnology
High efficacy of (Z) γ bisabolene from the essential oil of <i>Galinsoga parviflora</i> (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors	Govindarajan M, Vaseeharan B, Alharbi N S, Kadaikunnan S, Khaled J M, Alanbr M N, Alyahya S A, Maggi F, Benelli G	Environmental Science and Pollution Research	2018	0	0	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
Facile green synthesis of zinc oxide nanoparticles	Ishwarya R, Vaseeharan B, Kalyani S, Banumathi B,	Journal of Photochemistry and Photobiology	2018	0	0	Biomaterials and Biotechnology in Animal

using <i>Ulva lactuca</i> seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity	Govindarajan M, Alharbi N S, Kadaikunnan S, Alanbr M N, Khaled J M , Benelli G	gy, B: Biology				Health Lab, Department of Animal Health and Management, Alagappa University
Ecotoxicity of <i>Musa paradisiaca</i> leaf extract coated ZnO nanoparticles to the freshwater microcrustacean <i>Ceriodaphnia cornuta</i>	Vijayakumar S, Vaseeharan B, Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G	Limnologic aEcology and Management of Inland Waters	2018	0	1	Biomaterials and Biotechnology in Animal Health Lab, Department of Animal Health and Management, Alagappa University
In vitro activity of α mangostin in killing and eradicating <i>Staphylococcus epidermidis</i> RP62A biofilms	Sivaranjani, M, Prakash, M, Gowrishankar, S, Nandhini, J.R, Pandian, S.K	Applied Microbiology and Biotechnology. [Springer International, New York]	2017	0	5	Department of Biotechnology
Phytosynthesized silver nanoparticles as anti quorum sensing and antibiofilm agent against the nosocomial pathogen <i>Serratia marcescens</i> : an in vitro study	Durgadevi R, Srinivasan R, Kannappan A, Ponraj GJ, Pandian SK and Ravi AV	Journal of Applied Microbiology	2018	0	0	Department of Biotechnology
Biogenic synthesis of silver nanoparticles using Piper betle aqueous extract and evaluation of its anti quorum sensing and antibiofilm potential against uropathogens with cytotoxic effects: An in vitro and in vivo approach	Srinivasan R, Vigneshwari L, Rajavel T, Durgadevi R, Kannappan A, Balamurugan K, Devi KP and Ravi AV	Environmental Science and Pollution Research	2017	0	0	Department of Biotechnology

Exploring the anti-quorum sensing and antibiofilm efficacy of phytol against <i>Serratia marcescens</i> associated acute pyelonephritis infection in Wistar rats	Srinivasan R, Mohankumar R, Kannappan A, Karthick Raja V, Archunan G, Pandian SK, Ruckmani K and Ravi AV	Frontiers in Cellular and Infection Microbiology	2017	0	3	Department of Biotechnology
Inhibition of quorum sensing dependent biofilm and virulence genes expression in environmental pathogen <i>Serratia marcescens</i> by petroselinic acid	Srinivasan R, Durgadevi R, Kannappan A and Ravi AV	Antonie van Leeuwenhoek	2017	0	0	Department of Biotechnology
Rapid biosynthesized AgNPs from <i>Gelidiella acerosa</i> aqueous extract mitigates quorum sensing mediated biofilm formation of <i>Vibrio</i> species. An in vitro and in vivo approach	Satish L, Santhakumari S, Gowrishankar S, Pandian SK, Ravi AV and Ramesh M	Environmental Science and Pollution Research	2017	0	4	Department of Biotechnology
In vitro and in vivo exploration of palmitic acid from <i>Synechococcus elongatus</i> as an antibiofilm agent on the survival of <i>Artemia franciscana</i> against virulent vibrios	Santhakumari S, Nilofernisha NM, Ponraj JG, Pandian SK and Ravi AV	Journal of Invertebrate Pathology	2017	0	1	Department of Biotechnology
β Sitosterol targets Trx/Trx1 reductase to induce apoptosis in A549 cells via ROS mediated mitochondrial dysregulation and p53 activation	Rajavel T, Packiyaraj P, Suryanarayanan V, Singh SK, Ruckmani K, Devi KP	Scientific Reports	2018	0	1	Department of Biotechnology
Inhibitory	Kannappan A,	Journal of	2017	0	0	Department

efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Sivaranjani M, Srinivasan R, Rathna J, Pandian SK and Ravi AV	Medical Microbiology				of Biotechnology
Antibiofilm activity of Vetiveria zizanioides root extract against methicillin resistant Staphylococcus aureus	Kannappan A, Gowrishankar S, Srinivasan R, Pandian SK and Ravi AV	Microbial Pathogenesis	2017	0	2	Department of Biotechnology
In vitro antibiofilm efficacy of Piper betle against quorum sensing mediated biofilm formation of luminescent Vibrio harveyi	Srinivasan R, Santhakumari S and Ravi AV	Microbial Pathogenesis	2017	0	4	Department of Biotechnology
OGlcNACylation confers protection against Staphylococcus aureus infection in Caenorhabditis elegans through Ubiquitination	Vigneshwari L, Balasubramanian B, Sethupathy S, Karutha Pandian S, and Balamurugan K	RSC Advances	2018	0	0	Department of Biotechnology
Studies on reproductive stress caused by candidate Gram positive and Gram negative bacteria using model organism, Caenorhabditis elegans	Sharika R, Subbiah P and Balamurugan K	Gene	2018	0	1	Department of Biotechnology
Multivariate analysis of increase in life span of Caenorhabditis elegans through intestinal colonization by indigenous probiotic strains	Kavitha S, Pooranachithram M, Balamurugan K and Goel G	Probiotics and Antimicrobial Proteins	2018	0	0	Department of Biotechnology and Bioinformatics Jaypee University of Information Technology,

						Department of Biotechnology
Model system based proteomics to understand the host response during bacterial infections	Kamaladevi A, Marudhupandian S and Balamurugan K	Molecular BioSystems	2018	0	0	Department of Biotechnology
Global proteomics revealed Klebsiella pneumoniae induced autophagy and oxidative stress in Caenorhabditis elegans by inhibiting PI3K/AKT/mTOR pathway during infection	Kamaladevi A and Balamurugan K	Frontiers in Cellular and Infection Microbiology	2017	0	3	Department of Biotechnology
Atom based and Pharmacophore based 3D - QSAR Studies on Vitamin D Receptor	Dr. M. Karthikeyan	Comb. Chem. and High T. Scr.	2018	1	0	Department of Bioinformatics
Inhibitory efficacy of geraniol on biofilm formation and development of adaptive resistance in Staphylococcus epidermidis RP62A	Arunachalam Kannappan, Murugesan Sivaranjani, Ramanathan Srinivasan, Janarthana Ratna, Shunmugiah Karutha Pandian, Arumugam Veera Ravi	Journal of medical microbiology	2017	0	0	Department of Biotechnology
In vitro and in vivo effect of 2,6-Di-tert-butyl-4-methylphenol as an antibiofilm agent against quorum sensing mediated biofilm formation of Vibrio spp	Sivasubramanian Santhakumari, Rengarajan Jayakumar, Ravichandran Logalakshmi, Narayanan Marimuthu Prabhu, Abdul Kuthus Abdul Nazar, Shunmugiah	International journal of food microbiology	2018	0	0	Department of Biotechnology, Mandapam Regional Centre, Central Marine Fisheries Research Institute, Mandapam, Department

	Karutha Pandian, Arumugam Veera Ravi					of Animal Health and Management
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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	83	413	7	7
Resource persons	73	229	31	29
Presented papers	706	685	0	0

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Prof.K.Manimekalai Department of Women	Evaluation Study of the Training Programmes Conducted by Rural Training Centre	Rural Training Centre- Amaravathipudhur - Sponsored by Indian Bank, IOB, NABARD	115000
Physics	Characterisation	Various Institutions	1782220
Dr.G.Paruthimal Kalaigan and Dr.S.Viswanathan Department of Industrial Chemistry	Waste water analysis	Tamilnadu Chemicals Private Ltd., Koviloor, Karaikudi	500000
Dr. S. Karutha Pandian and Dr. K. Balamurugan-Dept. of Biotechnology	Natural Actives and In vivo models for Health and Hygiene Applications	ITC, Bangalore	2427260
Dr. A. Veera Ravi	Anti-infective and antipathogenic efficacy of resveratrol against quorum sensing mediated virulence and biofilm formation of aquatic pathogens- A promising alternative strategy to antibiotic use in aquaculture	EVOLVA Biotech Private Limited, Chennai	1200000
ILFS	AU-ILFS Institute of Skills -AUIS	ILFS Institute of Skills, New Delhi	705000

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Dr. S. Karutha Pandian and Dr. K. Balamurugan- Dept. of Biotechnology	Natural Actives and In vivo models for Health and Hygiene Applications	ITC, Bangalore	2427260	2
Dr. A. Veera Ravi Dept. of Biotechnology	Anti-infective and antipathogenic efficacy of resveratrol against quorum sensing mediated virulence and biofilm formation of aquatic pathogens	EVOLVA Biotech Private Limited, Chennai	1200000	3

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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
The New India Manthan was conducted by Alagappa University	NSS	4	400
New India Movement-Pledge 2017 was conducted by Alagappa University	NSS	5	200
Stage/ Street Play was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
Competitions for International Youth Day Celebrations 2017 was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
RRC Talent Show was conducted by Alagappa University	RRC	10	200

One Day Camp was conducted by Matha Arts and Science College	NSS	2	200
Blood Donation Camp	YRC	2	47
Awareness Programme for Nutrition was conducted by Caussanel college of arts and science	NSS	1	100
Swachh Bharat Clean India was Conducted by Caussanel college of arts and science	NSS	1	100
Dengue Awareness Programme was conducted Madurai Sivakasi Nadars Pioneer Meenakshi Women	NSS	2	200
New India Movement-Pledge 2017 was conducted by Alagappa University	NSS	4	400
Solid Waste Awareness Programme was conducted by Thassim beevi abdul kader college for women	NSS	2	200
NSS Special Camp was conducted Ramasamy Tamil College	NSS	1	50
Arise Youth Empowerment Programme was conducted by Alagappa University	NSS, Swami Vivekananda Centre for Higher Research and Education	5	196
Pongal Celebration was conducted by Alagappa University	NSS	5	100
Special Camp - Seethalakshi Achi College for Women	NSS	4	200
Water Conservation Rally was conducted by Thassim Beevi Abdul Kader college for women, Kilakarai	NSS	2	200
Non violence Day was conducted by Alagappa University	NSS	5	250
Rally for Rivers Programme was conducted by Alagappa University	NSS	5	250
Special Camp for New Voters 2017 was conducted by Alagappa University	NSS	4	250

Armed Forces Flag Day was conducted by Alagappa University	NSS	5	150
Tamil Nadu Water Transport Scheme Awareness by Alagappa University	NSS	2	100
International Day of Yoga 2017 was conducted by Umayal Ramanathan college for women, Karaikudi	NSS	4	400
International Day of Yoga 2017 was conducted by Alagappa University	NSS	20	1600
International Day of older person was conducted by Idhaya college	NSS	2	200
Dengu Awareness Rally was conducted by Govt Arts College For Women Ramanathapuram	NSS	4	200
New India Movement-Pledge 2017 was conducted by Dr.Umayal Ramanathan College for Women	NSS	4	400
One Day Seminar on Implementation of NSS Programme was conducted by Alagappa University	NSS	5	100
Village Cleaning Programme was conducted by Caussanel college	NSS	1	100
Tamil Nadu Water Transport Scheme Awareness 2017 by Singai Sithar Ayya arts and science	NSS	1	150
Swachhta Pakhwara was conducted by Alagappa University	NSS and Swachhta Bharat	4	400
Temple Bill Counting Service - Dr.Umayal ramanathan College For women	NSS	4	100
Constitution Day was conducted by Alagappa University	NSS and RRC	15	200
Armed Forces Flag Day was conducted by Alagappa University	NSS	5	150

Tamil Nadu Water Transport Scheme Awareness by Alagappa University	NSS	2	100
International Day of Yoga 2017 was conducted by Umayal Ramanathan college for women, Karaikudi	NSS	4	400
Tree Plantation Was Conducted By Idhaya college For Women	NSS	2	100
Dengu Awareness programme was conducted by Alagappa University	NSS	5	500
Blood Donation Camp	YRC	3	39
International Day of Yoga 2018 was conducted by Alagappa University	NSS and Centre for Yoga Education	9	999
World water Day was conducted Idhaya College	NSS	3	300
NSS Special Camp was conducted Ramasamy Tamil College	NSS	1	50
Arise Youth Empowerment Programme was conducted by Alagappa University	NSS, Swami Vivekananda Centre for Higher Research and Education	5	196
One Day Camp was conducted by Matha Arts and Science College	NSS	3	300
Mime was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
Stage/ Street Play was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
Competitions for International Youth Day Celebrations 2017 was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
RRC Talent Show was conducted by Alagappa University	RRC	10	200
New India Movement-Pledge 2017 was conducted by Alagappa University	NSS	4	400
New India Movement-Pledge 2017 was conducted by Dr.Umayal Ramanathan	NSS	4	400

College for Women			
One Day Seminar on Implementation of NSS Programme was conducted by Alagappa University	NSS	5	100
Village Cleaning Programme was conducted by Caussanel college	NSS	1	100
Swachhta Pakhwara was conducted by Alagappa University	NSS and Swachhta Bharat	4	400
Constitution Day was conducted by Alagappa University	NSS and RRC	15	200
Vigilance Awareness Programme was conducted by Alagappa University	NSS	2	225
National unity day pledge was conducted by Alagappa University	NSS	6	200
Vigilance Awareness Integrity pledge by Alagappa University	NSS	3	100
South Zone NSS Pre-Republic Day Parade Camp by Alagappa University	NSS	9	250
Blood Donation Camp was conducted by Alagappa University	NSS	5	300
Aids Awareness Day Pledge was conducted by Alagappa University	NSS and RRC	15	200
Slogan Writing was conducted by Alagappa University	NSS, RRC TANSACS, CHENNAI	10	200
Poster Making was conducted by Alagappa University	NSS, RRC TANSACS, CHENNAI	10	200
Orientation Programme was conducted by Dr.Umayal Ramanathan College for Women, Karaikudi	NSS	4	310
Dengue Awareness Programme was conducted By Caussanel college of arts and science, Muthupettai	NSS	1	200
Youth Awakening Day by Alagappa University	NSS	2	200

Blood Donation Camp was conducted by Thassim beevi abdul kader college for women, Kilakarai	NSS	2	321
International Day of older person was conducted by Idhaya college	NSS	2	200
Dengu Awareness Rally was conducted by Govt Arts College For Women Ramanathapuram	NSS	4	200
Rally for Youth Awaking Day was conducted by Alagappa University	NSS	2	200
World Disaster Day was conducted by Alagappa University	NSS	3	200
Blood Donation Camp was conducted by Alagappa University	NSS	5	300
Aids Awareness Day Pledge was conducted by Alagappa University	NSS and RRC	15	200
Science Exhibition was conducted by Alagappa University and Rotrary Club of Karaikudi	NSS and Rotary Club	5	999
Communal Harmony Day was conducted by Alagappa University	NSS	2	250
Campus Cleaning was conducted by Alagappa University	NSS	9	350
Tree Plantation Programme was conducted by Caussanel college	NSS	1	100
Dengue Awareness Programme was conducted by Idhaya College for women Sarugani	NSS	3	300
The New India Manthan was conducted by Alagappa University	NSS	4	400
New India Movement-Pledge 2017 was conducted by Alagappa University	NSS	5	200
International Day of Yoga 2017 was conducted by Alagappa University	NSS	20	1600

Slogan Writing was conducted by Alagappa University	NSS, RRC TANSACS, CHENNAI	10	200
Poster Making was conducted by Alagappa University	NSS, RRC TANSACS, CHENNAI	10	200
Tree Plantation Was Conducted By Idhaya college For Women	NSS	2	100
Dengu Awareness programme was conducted by Alagappa University	NSS	5	500
Blood Donation Camp	YRC	3	39
International Day of Yoga 2018 was conducted by Alagappa University	NSS and Centre for Yoga Education	9	999
World water Day was conducted Idhaya College	NSS	3	300
Pongal Celebration was conducted by Alagappa University	NSS	5	100
Special Camp - Seethalakshi Achi College for Women	NSS	4	200
Special Camp By Madurai Sivakasi Nadar	NSS	4	200
Mime was conducted by Alagappa University	NSS, RRC TANSACS, Chennai	10	200
One Day Camp was conducted by Matha Arts and Science College	NSS	2	200
Blood Donation Camp	YRC	2	47
Awareness Programme for Nutrition was conducted by Caussanel college of arts and science	NSS	1	100
Swachh Bharat Clean India was Conducted by Caussanel college of arts and science	NSS	1	100
Dengue Awareness Programme was conducted Madurai Sivakasi Nadars Pioneer Meenakshi Women	NSS	2	200
Solid Waste Awareness Programme was conducted by Thassim beevi abdul kader college for women	NSS	2	200
Orientation Programme was	NSS	4	310

conducted by Dr.Umayal Ramanathan College for Women, Karaikudi			
Dengue Awareness Programme was conducted By Caussanel college of arts and science, Muthupettai	NSS	1	200
Youth Awakening Day by Alagappa University	NSS	2	200
Blood Donation Camp was conducted by Thassim beevi abdul kader college for women, Kilakarai	NSS	2	321
One Day Camp was conducted by Matha Arts and Science College	NSS	3	300
Science Exhibition was conducted by Alagappa University and Rotrary Club of Karaikudi	NSS and Rotary Club	5	999
Communal Harmony Day was conducted by Alagappa University	NSS	2	250
Campus Cleaning was conducted by Alagappa University	NSS	9	350
Tree Plantation Programme was conducted by Caussanel college	NSS	1	100
Dengue Awareness Programme was conducted by Idhaya College for women Sarugani	NSS	3	300
Rally for Youth Awakening Day was conducted by Alagappa University	NSS	2	200
World Disaster Day was conducted by Alagappa University	NSS	3	200
Special Camp By Madurai Sivakasi Nadar	NSS	4	200

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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students
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			Benefited
Empowerment of persons with visual challenges	IAB Blind Empowerment Champions 2018	Indian Association for the Blind	70
Top Class Amenities	The 20 Most Admired Universities in India 2017	The Knowledge Review Magazine	999
Cleanest Higher Educational Institution	Swachhta Ranking 2017 of Higher Educational Institutions - III Place among Government Institutions	Ministry for Human Resource Development, Government of India	999

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
Swachh BharatSwachh Bharat	Swachh Bharat Mission, Gramin, Government of India	Swachh Bharat	4	2
Sensitization Programme	Department of Women s Studies, Alagappa University in collaboration with Alagappa Model School , Karaikudi	Sensitization Programme on 108 Emergency Ambulance Service in Karaiyur	4	11
Awareness programme	Department of Women s Studies, Alagappa University in collaboration with Alagappa Model School , Karaikudi	Awareness Programme on Kitchen Garden for Mahatma Gandhi Rural Employment Guarantee Programme Women Workers	4	11
Awareness programme	Department of Women s Studies, Alagappa University in collaboration with Alagappa Model School , Karaikudi	Awareness Programme on Kitchen Garden for women, Illupaikudi	4	11
Awareness programme	Department of Women s Studies, Alagappa University in	Awareness programme on Herbal Garden	4	11

	collaboration with Alagappa Model School , Karaikudi	and Traditional Food Habits for Sweepers and Gardeners of Alagappa University		
Awareness programme	Department of Women s Studies, Alagappa University in collaboration with Alagappa Model School , Karaikudi	Nutrition awareness - key to healthy nation	3	11
Swachhta Hi Seva 2017	UGC-TN Govt	Swachh Bharat	10	200
Swachhta Pakhwada 2017	UGC	Swachhta Pakhwada 2017	10	300

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Student exchange visit	1 Scholar	Hirosaki University, Japan and Alagappa University	16
Visiting professor	1 Faculty	Hirosaki University, Japan	16
Research-Evaluation study of the training programmes Conducted by Rural Training Centre	492 Trainees	Rural Training Centre	1
Research-Changing Social Perception on Elder Care	300 Respondents	Inter Departmental Project - Social Work ,AURE, Alagappa University	1
Student Exchange	1 Student	Ministry of Education, Taiwan	5
Research Collaboration	1 Respondent	South Korean Government	7
Sharing of research facilities	1 Faculty	Taiwan Experience Education Program	6
Sharing of research facilities	200	DST- PURSE UGC - SAP	2
Student exchange Programme	1 Scholar	Taiwan University	5

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Training	Training cum Project Report	Indian Bank, State Bank of India, Punjab National Bank, UCO Bank, Vijaya Bank, Union Bank of India, THAICO Bank	05/05/2017	16/06/2017	60
Internship	Industrial Internship with Project	SP Garments, Chennai, Centuray Apparals, Tirupur, First-steps Babywear Pvt. Ltd., Hosur, SCM Garments, Tirupur, Varsa International Exporters, Tirupur, Motherland Exporters, Bangaluru	04/12/2017	05/01/2018	60
Training	Training for Development	Rural Training Centre RTC, Amaravathipudhur, Karaikudi, Ford Trust-Kudil Maruthangudi, Siravayal Post, Karaikudi, Apollo Reach Hospital, Managiri, Karaikudi, Brothers of Charity, Ariyakudi, Karaikudi	04/08/2017	15/09/2017	12

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3.7.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Special Olympics Bharat, Tamilnadu	17/02/2018	To plan curricular activities and to	5

		facilitate research activities	
M.S. Chellamuthu Trust and Research Foundation, Madurai	13/03/2018	Develop the mental health competence for the faculty members and the students. Set up student centres in the affiliated colleges.	50
Central Marine Fisheries Research Institute, Kochi	27/10/2017	Exchange information on research and educational programmes	20
Sri Chandrasekarendra Saraswathi Viswa Mahavidyalaya, Kanchipuram	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Annamalai University, Annamalai Nagar, Chidambaram	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars.	5
QTT Adventure Sports Academy Private Ltd. Ramanathapuram	26/04/2018	Developing Educational Programmes and imparting training to the students and fishermen	5
Manonmaniam Sundaranar University, Tirunelveli	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Thassim Beevi Abdul Kadar College for Women, Kilakarai	29/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Apollo Reach Hospitals, Managiri, Karaikudi	10/05/2018	To provide Health services to the Teaching, Administrative staff and students	5
Muthiah Murugesan Charitable Trust, Kalayarkoil	29/05/2018	Sensitize the students, unemployed youth and the General public about the importance of Tourism, Agriculture and Entrepreneurial training and jointly organize seminars, workshops and conference in the field of tourism and	5

		entrepreneurship	
St. Giuseppe Moscati Psycho-Social Rehabilitation Centre, Ariyakudi, Karaikudi	01/06/2018	To share the expertise in developing awareness in the areas of Mental Health, Counselling and related fields	5
IlandFS Skills Development Corporation Limited, New Delhi	02/06/2018	To conduct B.Voc -Catering Management programme - Collaboration	5
National Centre of Excellence-MHRD, Thiagarajan College, Madurai	27/06/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars.	5
SEA6 Energy Pvt. Ltd., CCMP, NCBS-TIFR, Bellary Road, Bangalore	06/03/2018	Work together to develop a program of Seaweed cultivation	5
Development of Humane Action	06/03/2018	Work together to develop a program of Seaweed cultivation	5
Shanghai Ocean University, Shanghai China	09/11/2017	Research Collaboration, Exchange of students and Faculty	5
Persatuan Kesusasteraan Tamil Malaysia	17/04/2018	Research Collaboration-Joint publications and Academic information, Exchange of Students and Faculty, Short-term training programme for Teachers and Students.	10
Tangshan Polytechnic College, Cafeidian, China	14/08/2017	VISITS- 2	2
Open University Malaysia	02/04/2018	Research Collaboration-Joint publications, Exchange of Faculty, Development of Learning Material, Short -term training, Workshops, Seminars and Conferences	10
Evolva Biotech Private Limited, Chennai	06/07/2017	Research and Extension activities	30
Tharshal Training Academy SDN, Malaysia	28/02/2018	Research Collaboration-Joint publications, Exchange of students and Faculty	10
Wipro GE Healthcare	12/09/2017	To develop Academic and	20

Private Limited, Bangalore		Research Activities	
Tangshan Polytechnic College, Cafeidian, China	14/08/2017	VISITS- 2	2
Madurai Kamaraj University, Madurai	01/12/2017	To promote Academic and Collaborative Research Activities and Exchange information on research and educational programmes	15
Sun Logistic Services Muscat, Sultanate of Oman	28/02/2018	Research Collaboration- Joint publications, Exchange of students , Faculty and Material, Short-term training, Workshops, Seminars and Conferences	5
Binary University, Malaysia	21/02/2018	Research Collaboration- Joint publications, Exchange of students and Faculty, Short -term training, Workshops, Seminars and Conferences	5
Central Marine Fisheries Research Institute, Kochi	27/10/2017	Exchange information on research and educational programmes	20
Konkuk University, South Korea	21/12/2017	Research Collaboration- Joint publications, Exchange of students and Faculty	1
Evolva Biotech Private Limited, Chennai	06/07/2017	Research and Extension activities	30
Sethu Bhaskara Agricultural College and Research Foundataion, Visalayankottai, Karaikudi	13/03/2018	To encourage exchange of expertise of the faculty members and to promote Organic Agriculture and to promote the collaborative Research work	5
Wipro GE Healthcare Private Limited, Bangalore	12/09/2017	To develop Academic and Research Activities	20
Tamil Arts and Culture Association Incorporated, Australia	14/12/2017	Research Collaboration- Joint publications, Exchange of students and Faculty	10
PADI -Temple Adventures, East Coast Water SportPVT LTD., Pondicherry	18/01/2018	To Develop Academic Exchange and Cooperation program in Education and Research	15
National Synchrotron	01/12/2017	VISITS-1 Dr.C.J. CHEN, 28	1

Radiation Research Center -NSRRC, Taiwan		March 2016 JOINT PUBLICATIONS-5	
The Rapinet Hernarium in Tiruchi and The Anglade Institute of Natual History, Shembaganur	13/02/2018	Exchange of Information of Academic Materias , Research publications and Collaboration work	5
Shanghai Ocean University, Shanghai China	09/11/2017	Research Collaboration, Exchange of students and Faculty	5
M.S. Chellamuthu Trust and Research Foundation, Madurai	13/03/2018	Develop the mental health competence for the faculty members and the students. Set up student centres in the affiliated colleges.	50
Apollo Reach Hospitals, Managiri, Karaikudi	10/05/2018	To provide Health services to the Teaching, Administrative staff and students	5
Tamil Nadu Teachers Education University, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Tamil Nadu Open University, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Thiruvalluvar University, Vellore	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Madurai Kamaraj University, Madurai	01/12/2017	To promote Academic and Collaborative Research Activities and Exchange information on research and educational programmes	15
Mother Teresa Women s University, Kodaikanal	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Karunya Institute of Technology and Science, Coimbatore	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the	5

		collaborative Research work and to exchange the scholars	
Tamil Nadu Open University, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Bharathidasan University, Trichy	13/03/2018	To encourage exchange of expertise of the faculty members and to promote the collaborative Research work	5
Thiruvalluvar University, Vellore	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Tours Academy, Chennai	19/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Mother Teresa Women's University, Kodaikanal	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Karunya Institute of Technology and Science, Coimbatore	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Chettinad Academy of Research and Education, Kelambakkam	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
SRM Institute for Training and Development, Ekkatuthangal, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Annamalai University,	23/05/2018	To encourage exchange of expertise of the faculty	5

Annamalai Nagar, Chidambaram		members, to promote the collaborative Research work and to exchange the scholars.	
Manonmaniam Sundaranar University, Tirunelveli	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Thassim Beevi Abdul Kadar College for Women, Kilakarai	29/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Special Olympics Bharat, Tamilnadu	17/02/2018	To plan curricular activities and to facilitate research activities	5
Chettinad Academy of Research and Education, Kelambakkam	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Muthiah Murugesan Charitable Trust, Kalayarkoil	29/05/2018	Sensitize the students, unemployed youth and the General public about the importance of Tourism, Agriculture and Entrepreneurial training and jointly organize seminars, workshops and conference in the field of tourism and entrepreneurship	5
St. Giuseppe Moscati Psycho-Social Rehabilitation Centre, Ariyakudi, Karaikudi	01/06/2018	To share the expertise in developing awareness in the areas of Mental Health, Counselling and related fields	5
IlandFS Skills Development Corporation Limited, New Delhi	02/06/2018	To conduct B.Voc -Catering Management programme - Collaboration	5
National Centre of Excellence-MHRD, Thiagarajan College, Madurai	27/06/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars.	5

SEA6 Energy Pvt. Ltd., CCMP, NCBS-TIFR, Bellary Road, Bangalore	06/03/2018	Work together to develop a program of Seaweed cultivation	5
Development of Humane Action	06/03/2018	Work together to develop a program of Seaweed cultivation	5
Bharathidasan University, Trichy	13/03/2018	To encourage exchange of expertise of the faculty members and to promote the collaborative Research work	5
QTT Adventure Sports Academy Private Ltd. Ramanathapuram	26/04/2018	Developing Educational Programmes and imparting training to the students and fishermen	5
Noorul Islam Centre for Higher Education, Kumaracoil	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Tours Academy, Chennai	19/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
PADI -Temple Adventures, East Coast Water SportPVT LTD., Pondicherry	18/01/2018	To Develop Academic Exchange and Cooperation program in Education and Research	15
The Rapinet Hernarium in Tiruchi and The Anglade Institute of Natual History, Shembaganur	13/02/2018	Exchange of Information of Academic Materias , Research publications and Collaboration work	5
Sethu Bhaskara Agricultural College and Research Foundataion, Visalayankottai, Karaikudi	13/03/2018	To encourage exchange of expertise of the faculty members and to promote Organic Agriculture and to promote the collaborative Research work	5
SRM Institute for Training and Development, Ekkatuthangal, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Noorul Islam Centre for Higher Education,	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the	5

Kumaracoil		collaborative Research work and to exchange the scholars	
Sri Chandrasekarendra Saraswathi Viswa Mahavidyalaya, Kanchipuram	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5
Tamil Nadu Teachers Education University, Chennai	23/05/2018	To encourage exchange of expertise of the faculty members, to promote the collaborative Research work and to exchange the scholars	5

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
18.58	18.09

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Others	Newly Added
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	2	2012
KOHA	Partially	18.05	2016
LM	Fully	2.2.7	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Journals	164	464780	29	159125	193	623905

Text Books	86381	0	4250	2059393	90631	2059393
Reference Books	13493	0	1199	3104650	14692	3104650
e-Books	1022	1593968	0	0	1022	1593968
e-Journals	5600	0	0	0	5600	0
Digital Database	1	0	0	0	1	0
CD & Video	432	0	0	0	432	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Dr. K. Pandima Devi	Nutritional Biochemistry	e-PG-Pathshala	01/02/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	1595	28	1595	2	1	163	1432	0	0
Added	46	0	0	0	0	0	0	0	0
Total	1641	28	1595	2	1	163	1432	0	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
e-PG Pathshala	https://epgp.inflibnet.ac.in
National Digital Library of India	https://ndl.iitkgp.ac.in

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic	Expenditure incurred on maintenance of academic	Assigned budget on physical	Expenditure incurred on maintenance of physical
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facilities	facilities	facilities	facilities
25250500	19842983	27836400	26915926

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

State of the art laboratory facilities have been established in the fields of Biotechnology, Bioinformatics, Chemistry, Physics, Animal Health, Microbiology, Marine Biology, and Energy Science which are functioning on 24/7x365 basis. In addition to that a well equipped University Science Instrumentation Facility has been functioning effectively catering to the needs of the Science Departments of the University as well as users from other Universities and Institutions. USIC houses sophisticated instruments such as XPS, FE-SEM, HR-TEM, Powder-XRD, Vibrating Sample Magnetometer, Micro-Laser Raman, Confocal Laser Scanning Microscope, AFM, AKTA-Protein Purifier, MALDI-ToF-ToF, Real Time PCR, Solar Cell Simulator, CHNS/O Elemental Analyser. The University Library houses a collection of one lakh volumes of printed books, subscriptions to 149 printed periodicals, 492 items of non-book materials, and 1446 volumes of theses in print form. Nearly 6242 plus numbers of Online journals and 1,31,000 plus numbers of e-theses are made open access. Library operations are computerized especially circulation of books and cataloguing. Currently, Radio Frequency Identification-RFID based Library Management System is being implemented, which has made possible a User friendly self-checkout and self-check-in options, web based OPAC-Online Public Access Catalogue and smart payment facility for overdue charges. Yoga centre has been established to enable spiritual development practices that eventually train the body and mind to self observe and become aware of their own nature. The purpose of yoga is to cultivate discernment, awareness, self-regulation and higher consciousness in the individual. The Faculty members have been provided with a computer individually. Most of Departments in University houses a separate Computer Centre with not less than 10 Computers for the benefit of Post Graduate Students and Research Scholars. In particular, Department of Computer Science, Department of Computer Applications and Department of Bioinformatics have established exclusive Computer Centers with internet connectivity. Department of Biotechnology has housed a DBT-GoI sponsored Bioinformatics Infrastructure Facility-BIF with High-end computing facility and internet connectivity. Information and Communication Technology-ICT infrastructure of University is being upgraded periodically with either University or project funds. The net connectivity, Wi-Fi, High-end computing facility, etc are well cared for, enabling ample support for research. Furthermore, all the Administrative staff members have been specially trained in ICT by the Computer Centre of the University. Further, all the class rooms have been sophisticated with Smart Boards by means of ICT support. The Faculty members are being provided with ICT kit. Video conferencing facility has been rendered in all the four split-campuses.

https://alagappauniversity.ac.in/uploads/files/Procedures_and_policies.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of	Amount in
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		students	Rupees
Financial Support from institution	Alagappa University Research Fund	63	3780000
Financial Support from Other Sources			
a) National	Post Metric Scholarship for SC/ST State Govt	755	9469875
b) International	Post Metric Scholarship for BC/MBC/DNC State Govt	1898	11810570

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
4th International Day of Yoga	21/06/2018	999	School students and University Staff
International Yoga Day	21/06/2017	200	Alagappa University
Youth and Modern India	04/07/2017	120	Swami Vivekananda Centre for Higher Research and Education, Alagappa University
One Day Orientation Programme on Know Your Rights - Empower Yourself	13/09/2017	150	Alagappa Institute of Skill Development, Department of History, Alagappa University
Yoga Practice	10/10/2017	130	Centre for Yoga Education, Alagappa University
Emerging Trends and Practices in IT Industry	27/01/2017	110	WBC Software Lab, Karaikudi
Two day workshop on Fabric Embellishment Techniques	24/01/2018	80	University Business Collaboration Centre, Alagappa University and Wills Life Style, Bangalore
Two day workshop on Dance Ornaments Making Skills	24/01/2018	40	University Business Collaboration Centre, Alagappa University and RSSExports, Trichy
One Day Workshop on Android App Development	28/03/2018	100	University Business Collaboration Centre, Alagappa University and WBC Software Lab, Karaikudi
Remedial Coaching for SC/ST	10/03/2018	999	Remedial Coaching for SC/ST/OBC and Minorities

Inter Collegiate Yoga Competition	27/02/2018	80	Alagappa University Affiliated College
Special Olympics Bharat Tamilnadu National Level Advanced Coaches training camp	16/02/2018	70	Dept. of Special Education, Alagappa University, Karaikudi
National Level Yoga championship 2018	18/03/2018	750	School, College and Public
Annual summer coaching camp 2017	21/04/2018	75	School, College and Public
Student Talent Bank summer camp	14/05/2018	40	Study Circle, Alagappa University

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2017	Placement Preparatory Workshop	38	38	15	15

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Torus global academy software Pvt.Ltd, Sri Raja Rajan College of Education, Annai Teresa College of	274	133	CDAC, HAL, Brito Seafood export pvt ltd, Tuticorin,	118	43

Education, Ariyakudi,
Vivekananda College
of Education,
Kummangudi,
Integrated
Enterprises Ltd.,
Hicare Pharma,
Chennai, Sundaram
Finance Ltd., Future

Standard
Chartered
Bank, Indus
Ind Bank

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2017	279	UG, PG, Mphil	Economics, Library, Mathematics, Energy Science, Industrial Chemistry, Computer Applications, Computer Science, Biotechnology, Animal Health and Management, Botany, Microbiology, Education, Life Long Learning, AISD, Management, Physical education	The Gandhigram Rural Instt, Alagappa University, Alagappa Govt Arts College, Seethalakshmi Achi College, CECRI, CSIR-NCL, pune,	PG, MPhil, Phd

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
SET	2
GATE	2
TOFEL	1
Any Other	1

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton, Cricket, Ball Badminton, Kho Kho, Kabaddi, Volleyball, Football, Athletics	Inter Department Level	319
Hockey, Football, Volleyball, Kabaddi, Yoga, Cricket, Cycling	School and College Level	221
Kho Kho men	Intercollegiate Level	96
Sports Day	Institution Level	150

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2017	Federation Floorball Tournament	International	1	0	14074	I.B. Poovaiah
2017	Federation Hockey Tournament	National	1	0	46013, 46012	CR. Chetan, M. Manimaran

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council has been functioning effectively and it is conducting many programmes. Students are Members of the Internal Quality Assurance Cell, Board of Studies which drafts the curriculum. Students are also members of the Monitoring Committee of the RUSA 2.0.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

A registered Alumni Association is functioning in the University as on December 2017. A well knitted culture is prevailing in the University between the Alumni and the University and the Alumni are involved in various bodies of the University

5.4.2 – No. of registered Alumni:

5000

5.4.3 – Alumni contribution during the year (in Rupees) :

5.4.4 – Meetings/activities organized by Alumni Association :

35 meetings

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

1. Internal Quality Assurance Cell and Advisory Committees on Research, Intellectual Property Rights, Distance Education, Examinations, Library and Sports with the active participation of experts from within (Stakeholders) and outside representing Academicians/Professionals of repute). 2. The Institution has been guided by the policies evolved by the Planning Board. 3. The Institution has been guided by the Board of Studies in various discipline and Standing Committee on Academic Affairs in all matters relating to Academics

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	1. Entrance Exam Scheduled avoiding clash with dates of similar Exam by national institutions 2. On-line Information made available of admission related matters 3. Transparency, Flexibility and Early Completion of admission effected
Library, ICT and Physical Infrastructure / Instrumentation	1. More Library Books / Periodicals added every year 2. Enhancement of ICT in every Department / Section 3. Distributed Library
Human Resource Management	1. ICT training and Capacity building 2. Refresher/Orientation courses 3. Capacity Building Courses 4. Career Advancement Scheme 5. Statistical Package Usage 6. Overseas Conference Participation 7. Continuous Improvement 8. Recognition for Dedicated Long Service 9. Faculty and staff recruitment done as per need adopting prescribed procedures and norms
Industry Interaction / Collaboration	1. Industry Training Facilities in the campus through Alagappa University-IL and FS Institute of Skills. 2. Experts and Professional Experts are involved extensively in Curriculum/Extension 3. Meet the Manager, Meet the Alumni Entrepreneur and such interactions done periodically 4. Collaborations effected in Projects/ Patents/ Placements 5. Industrialists Inducted in IQAC and Boards of Studies
Curriculum	1. Inter-departmental courses. 2. Graduate Attributes

Development	linked to Program Objectives
Teaching and Learning	1. Hands-on Experience/ self-learning/ e-learning combined to form a multi-pronged approach 2. ICT oriented class environment with added infrastructure and commitment 3. Continuous and Systematic learning with relevant materials with multi-media thrust. 4. Virtual Initiatives
Curriculum Development	1. Inter-departmental courses. 2. Graduate Attributes linked to Program Objectives
Teaching and Learning	1. Hands-on Experience/ self-learning/ e-learning combined to form a multi-pronged approach 2. ICT oriented class environment with added infrastructure and commitment 3. Continuous and Systematic learning with relevant materials with multi-media thrust. 4. Virtual Initiatives
Examination and Evaluation	1. Holistic Exposure and Evaluation for both faculty and students/scholars 2. Intensive Continuous Internal Assessment 3. Time bound examination and publication of results 4. Quick-Supplementary Examination in Final Semester 5. Probity of examination system maintained. 6. Feedback collected and acted upon 7. Streamlined Central Valuation
Research and Development	1. Project Culture Thrust Maintained 2. All India Entrance Examination from many programs, from UG, PG and Research programs 3. Mandatory Publication in Reputed/Indexed/Impact Factor Journals for Ph.D scholars 4. Overseas collaboration for faculty/student visits/joint publication/course of study. 5. International Expertise invited for Conference/Training to enable quality enhancement 6. AURF Fund for Overseas Visits, Publication subsidy, Submission fee subsidy, etc. 6.3.5 Library, ICT and physical infrastructure / instrumentation
Examination and Evaluation	1. Holistic Exposure and Evaluation for both faculty and students/scholars 2. Intensive Continuous Internal Assessment 3. Time bound examination and publication of results 4. Quick-Supplementary Examination in Final Semester 5. Probity of examination system maintained. 6. Feedback collected and acted upon 7. Streamlined Central Valuation
Research and Development	1. Project Culture Thrust Maintained 2. All India Entrance Examination from many programs, from UG, PG and Research programs 3. Mandatory Publication in Reputed/Indexed/Impact Factor Journals for Ph.D scholars 4. Overseas collaboration for faculty/student visits/joint publication/course of study. 5. International Expertise invited for Conference/Training to enable quality enhancement 6. AURF Fund for Overseas Visits, Publication subsidy, Submission fee subsidy, etc. 6.3.5 Library, ICT and physical infrastructure / instrumentation
Library, ICT and	1. More Library Books / Periodicals added every year

Physical Infrastructure / Instrumentation	2. Enhancement of ICT in every Department / Section 3. Distributed Library
Human Resource Management	1. ICT training and Capacity building 2. Refresher/Orientation courses 3. Capacity Building Courses 4. Career Advancement Scheme 5. Statistical Package Usage 6. Overseas Conference Participation 7. Continuous Improvement 8. Recognition for Dedicated Long Service 9. Faculty and staff recruitment done as per need adopting prescribed procedures and norms
Industry Interaction / Collaboration	1. Industry Training Facilities in the campus through Alagappa University-IL and FS Institute of Skills. 2. Experts and Professional Experts are involved extensively in Curriculum/Extension 3. Meet the Manager, Meet the Alumni Entrepreneur and such interactions done periodically 4. Collaborations effected in Projects/ Patents/ Placements 5. Industrialists Inducted in IQAC and Boards of Studies
Admission of Students	1. Entrance Exam Scheduled avoiding clash with dates of similar Exam by national institutions 2. On-line Information made available of admission related matters 3. Transparency, Flexibility and Early Completion of admission effected

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Examination	1. Online submission of Exam Application. 2. Online payment of exam fee and instant generation /printing of eHall ticket. 3. Communication with Departments/Colleges/Institutes through dedicated Institutional emails and SMS alerts 4. Online genuineness / Certificate Verification system 5. The answer booklet compatible to numbering entry ensures data capturing by numbering machine without any manual entry. 6. The question papers of previous examinations are uploaded in the website for the benefit of students who may download and refer with reference to the pattern and type of questions
Planning and Development	Entire Activities of the University such as Admission, Appointment, Administration, Examinations and Finance are integrated in a single portal to ensure paper less office under Management Information System
Administration	1. Digitalised Administrative Departmental Communication system 2. All the Administrative sections are computerized and the Management Information System is implemented. 3. Progressive move towards e office with zero paper use. 4. All routine functions of the Library are automated with the help of an integrated library software package, SOUL, developed and distributed by UGCINFLIBNET. 5. The grievance receiving/registering phone numbers and email id are on our website
Finance and	1. Financial monitoring and settlement of transactions in

Accounts	<p>respect of all grants from the UGC and other external funding agencies are governed through software modules. 2. Automation of transactions pertaining to various funds operated in Alagappa University. 3. All payments are made online only through RTGS/NEFT. 4. Transactions pertaining to Staff such as Salary, Earned Leave Surrender, Arrear, Income Tax etc., are dealt through Management Information System</p>
Student Admission and Support	<p>1. Downloading option of Application along with Hallticket form for all Entrance Examination is available. 2. Online Videoconferencing accessories in most Faculty Conference Halls. 3. RFID Radio Frequency Identification electromagnetic facility ensure easy location of books/journals/special volumes and other library resources. This facility is available in all our libraries. 4. Ecertificate is downloaded by the qualified candidates who appeared for the PreRegistration qualifying Entrance Examination for Ph.D Program. 5. Teacher notes through the way, Email, YouTube, WhatsApp, etc. 6. Computer labs equipped with lots of soft copies of books/monographs. 7. Interactive Smart Board Both teacher and taught are smartmolded. 8. PPT/OCRs/YouTube substances for most courses are available. Each faculty is given computer gadget, with internet/WiFi. They keep learning as time and demand progress</p>

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	Dr. N. Suganthi	First International Conference on Innovation of Functional Food in Asia, University of Phayao, Thailand	AURF	30000
2017	Dr. T. Meyyappan	Emerging Trends in Information Technology	Central University of Gujarat	27396
2017	Dr. A. Arumugam	International Conference on food, Ecology waste management cellular and molecular Biology	Council for Chemical, Agricultural Biological and Environmental Science Signified Kuala Lumpur	30000
2017	Dr.C.Stella	Sultan Qaboos University, Muscat	Alagappa University	30000
2017	Dr.K.Gunasekaran	International	The American	30000

		Conference on Emerging trends in Multidisciplinary Research	College, Madurai and Umar Pulavar Tamil Language Centre, Singapore	
2017	Dr. M. Senthil	MTMI International Conference, Dubai	MTMI International Conference, Dubai	69000
2017	Dr.V.Manickvasagam	International Conference on Emerging Trends in Multidisciplinary REsearch	Alagappa University	30000
2017	Dr.V.Balachandran	Emerging challenges in Corporate Board Management at University Terega National, Putrajaya	Alagappa University	56000
2017	Dr. R. Ramnath	Global Conference on Eduction and Research, Las Vegas	AURF	30000
2017	Dr.N.M. Prabhu	4th Asia Pacific Coral Reef Symposium Philippines	AURF	30000
2017	Dr.M. Sundrarajan	First Bodhi International Conference on Humanities, Arts and Science, Malaysia	AURF	30000
2017	Dr.G.Nedumaran	First Bodhi International Conference on Humanities, Arts and Science, Malaysia	AURF	30000
2017	Dr.S. Gopalsamy	First Bodhi International Conference on Humanities, Arts and Science, Malaysia	AURF	30000
2017	Dr. K. Uthayasurian	First Bodhi International Conference on Humanities, Arts and Science, Malaysia	AURF	30000
2017	Dr.E. Kannapiran	4th Asia Pacific Coral Reef Symposium Philippines	AURF	30000
2017	Dr. J. Vimala	Third International Symposium on Intelligent systems and technologies	SAP	24000
2017	Dr. N. Anbazhagan	International Science Congress Thailand	DST - PURSE	22400

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6.3.2 – Number of professional development / administrative training programmes organized by the University for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2017	Teachers Congruence on the Theme Empowering Teachers to prepare Professionals of Tomorrow	nil	21/08/2017	23/08/2017	450	3

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
AICTE ISTE Sponsored Six days Induction /Refresher Programme A hands on Training Programme on Devices and Tools of Internet of Things and its Realtime Applications	1	25/06/2018	30/06/2018	6
Teaching and Learning of Fabrication of Thin films and Opto electronic Devices Through Hands on Experience, NIT, Warrangal	1	03/07/2018	08/07/2018	6
Orientation Programme Empanelled Training Institution ,National Service Scheme, Avinashilingam University, Coimbatore	1	04/08/2017	10/08/2017	7
Short Term course on Professional Enrichment	34	07/08/2017	13/08/2017	7
Orientation programme	1	18/08/2017	14/09/2017	28
UGCSponsored - Orientation	1	23/08/2017	19/09/2017	28

Programme				
Orientation Program for College/University Teachers	4	31/08/2017	27/09/2017	28
Faculty Development programme Entrepreneurship development and innovation institute	6	13/09/2017	15/09/2017	3
Research Publication and AnitPlagiarism	32	09/10/2017	15/10/2017	7
Refresher Course	1	26/10/2017	15/11/2017	21
Refresher Course	1	08/11/2017	28/11/2017	21
UGC HRDC Sponsored 100th Orientation Programme in Bharathidasan University, Tiruchirappalli	25	15/11/2017	12/12/2017	28
UGC HRDC sponsored Orientation programme, Bharathiar University, Coimbatore	4	17/11/2017	14/12/2017	28
UGC sponsored Refresher Course in Nanoscience	2	20/12/2017	09/01/2018	21
Two days Short Term Training Programme on Hands on Training in Computer Networks and R Programming	5	31/01/2018	01/02/2018	2
UGCHRDC Sponsored Refresh Course in Teacher Education and Obtained the grade A Bharathidasan University, Trichy	9	18/01/2018	07/02/2018	21
Two Day Orientation Programme on Marketing Strategies for Business Excellence	3	08/02/2018	09/02/2018	2
Attitude Traits and Transferable Life Skills for Prospective Teachers	3	12/02/2018	13/02/2018	2
Four Days National Level Advance Coaches Training Camp and State Level Preparatory Camp for World Games 2019	1	16/02/2018	19/02/2018	4
Training Programme on Data Analytics Consultants	2	26/02/2018	28/02/2018	3
UGC sponsored Summer School in Computer Science and Applications	2	02/03/2018	22/03/2018	21
Refreshment Course on Environmental Studies, Madurai Kamaraj University	1	09/03/2018	29/03/2018	21
Certificate course on Emergency Medicine, sports injury management and rehabilitation	3	22/03/2018	05/04/2018	15
Community Sensitization programme cybergogy for Engaged Learning,	1	11/04/2018	13/04/2018	3

Institute of Advanced Study in Education (IASE) Thrissur, Kerala				
Refresher Course on Quantum Mechanics	1	12/05/2018	22/05/2018	11
119th Orientation Programme, UGC Human Resource Development Centre, Bharathiar University, Coimbatore	1	17/05/2018	13/06/2018	28
Orientation programme, Bharathidasan University, Tiruchirappalli	4	18/05/2018	14/06/2018	28
21 days residential training program equivalent to UGC refresher course on University and PG College MSc Teachers Training Program in Physics	1	07/06/2018	27/06/2018	21

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
212	45	202	70

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
AURF Excellent Researcher Award, Start up Research Grant, Research Patent grant, AURF support for Research paper publication, Travel Grant and Partial support for conducting Seminar / Conference in Thrust Areas of Research.	Medical Aid, Thirft Loan, Vehicle Loans, Festival Advance, Uniform Allowance, Ward fee remission etc.,	AURF Research Fellowship and Partial support for submission of Ph.D Thesis, AURF support for Research paper publication, AURF Travel grant

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Internal Audit The Finance Officer is exercising general supervision over all the funds of the University and shall advice the University and regulate its Financial Policies and be responsible for preparation of Annual Accounts and Budget. The Stock verification of tools and plants of the University is being conducted by the Internal Audit. External Financial Audit is being conducted by the Local Fund Audit Department of the Tamilnadu Government and by the Accountant General on the accounts of all the Funds maintained by the University regularly. The Annual Accounts prepared by University are being audited by the external Audit regularly.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose			
Nil	0	Nil			
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6.4.3 – Total corpus fund generated					
252271000					
6.5 – Internal Quality Assurance System					
6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?					
Audit Type	External		Internal		
	Yes/No	Agency	Yes/No	Authority	
Academic	No	Nil	Yes	Committee	
Administrative	No	Nil	Yes	LF Audit	
6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)					
Encouraging and guiding NAAC accredited colleges to apply for getting Autonomous status.					
6.5.3 – Activities and support from the Parent – Teacher Association (at least three)					
1. Annual Meets held 2. Feedback obtained and used. 3. Wards progression information provided 4. Extension Program Sponsorship					
6.5.4 – Development programmes for support staff (at least three)					
1. ICT Training given 2. Welfare measures provided. 3. Capability Building programs given 4. Career Benefits given if qualification and skills are adequate					
6.5.5 – Post Accreditation initiative(s) (mention at least three)					
University strives for creating more international linkages through actively working MoUs, Collaborations and Quality Research Pursuits Recognizing bench marked outcome based talents to usher into an era of quantum performance. Development of infrastructural facilities Procurement of Scientific Equipments. Quality Enhancement and Improvement in Teaching. Quality Enhancement and Improvement in Research					
6.5.6 – Internal Quality Assurance System Details					
a) Submission of Data for AISHE portal				Yes	
b)Participation in NIRF				Yes	
c)ISO certification				Yes	
d)NBA or any other quality audit				No	
6.5.7 – Number of Quality Initiatives undertaken during the year					
Year	Name of quality initiative by IQAC	Date of conducting	Duration From	Duration To	Number of participants

		IQAC			
2017	Swachhta Pakhwada	01/09/2017	01/09/2017	15/09/2017	500
2017	Swachh Bharat Awareness Camp, Temple and Tank Cleaning, Medical Camp, Socio Economic and Health Survey and Yoga Training and Tree Plantation, Nilavembu Kudineer Camp, School Cleaning, Blood Donation Camp and Environmental Campaign	22/09/2017	22/09/2017	24/09/2017	1125
2018	Prepared a proposal and Applied for Institution of Eminence and presented before Empowered Expert Committee, UGC at Delhi	24/04/2018	09/04/2018	23/04/2018	50

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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
MSW	02/11/2017	02/11/2017	300	150
MSW	12/12/2017	12/12/2017	200	100
MSW	16/03/2018	16/03/2018	175	25

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Renewable energy sources 05 percentage Expected under RUSA Phase II 46 percentage

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	50
Provision for lift	Yes	23
Ramp/Rails	Yes	23
Braille Software/facilities	Yes	6
Rest Rooms	Yes	80
Scribes for examination	Yes	6

Special skill development for differently abled students		Yes	25				
Any other similar facility		Yes	80				
7.1.4 – Inclusion and Situatedness							
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2017	6	6	01/09/2017	15	Swachhta Pakhwada	Tree Plantation, Awareness and Essay Competition, Cleaning work	520
2017	10	10	22/09/2017	3	Swachh Bharat Awareness Camp, Temple and Tank Cleaning, Medical Camp, Socio Economic and Health Survey and Yoga Training and Tree Plantation, Nilavembu Kudineer Camp, School Cleaning, Blood Donation Camp and Environmental Campaign	Female literacy, drop-outs, health and nutrition, environment, drinking water, Toilet facilities, Garbage bins to collect the waste, Rescue operation from mosquito problem	1175
2017	2	2	22/09/2017	3	Reading Habits and Library	To inculcate reading	21

					awareness	habits	
2017	2	2	16/02/2018	1	Awareness on Special Olympic Bharat, Awareness on Physiotherapy Services for Children with Special Needs	Sports and Therapy Services for Children with Special Needs	80
2017	1	1	04/09/2017	1	Nutrition Awareness Programme	Enhanced knowledge on safe hygiene tips with regard to hand washing, cutting of nails and use of drinking water. Also promoted knowledge on basic five food groups and Balanced Diet	150
2017	1	1	04/09/2017	1	Awareness Programme on Cleanliness, Hygiene and Sanitation	Created awareness on personal hygiene, environmental hygiene and Menstrual hygiene for adolescent girls	200
2017	1	1	05/09/2017	1	Awareness Programme on Healthy Living	Promoted awareness on consequences of Malnutrition and motivated to use	200

						locally available fruits and vegetables to have a healthy life	
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Acts and Statutes	03/07/2017	Administrative, Teaching and NonTeaching Staff follow the Code of conduct envisioned in the Acts and Statutes of Alagappa University.
Professional Ethics and Ethics in Research	03/07/2017	Various Committees such as Institutional Ethics Committee, Institutional Animal Ethics Committee have been formed and functioning effectively. Besides this, the Faculty Members, Research Scholars, Students and Admin Staff are counseled on Professional Ethics through Seminars/ Lectures by experts in the field. Further, stakeholders are sensitized on the menace of plagiarism.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Youth and Modern India	04/07/2017	06/12/2017	120
The New India Manthan 2017	18/08/2017	18/08/2017	400
Known Your Rights	13/09/2017	13/09/2017	150
Mega Yoga Demonstration	21/06/2018	21/06/2018	200
Plantation of Tree	05/06/2018	05/06/2018	250
Ek Bharat Shreshtha Bharat	06/12/2017	06/12/2017	100
Village Placement Programme	22/09/2017	24/09/2017	999
Blood Donation Camp	24/10/2017	24/10/2017	39
World Disaster Day was conducted by Alagappa University	13/10/2017	13/10/2017	200
Blood Donation Camp	19/09/2017	19/09/2017	47
Arise youth empowerment programme	29/01/2018	29/01/2018	196
Swachhta Hi Seva 2017	15/09/2017	02/10/2017	400
International Day against Drug Abuse and Illicit Trafficking	26/06/2018	26/06/2018	400
Internal and External Evaluation on Shaala Siddhi	09/11/2017	09/11/2017	200

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

Parks and Garden well maintained along with ornamental and medicinal plants Biodiversity cared for with efforts for diversification of flora and fauna Plasticfree, Tobaccofree Campus strived for Efforts on for Biofuel generation Water Harvesting and checkdam measures Practices to ensure carbon and water footprint reduction Ewastes are reduced, Buyback options used mostly Move towards 'lesspaperoffice' if not 'paperless office' Solar energy usage significant and energy savingpractices Compliance with standard norms in collection, segregation and disposal of wastes

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://alagappauniversity.ac.in/uploads/files/Best Practices.pdf>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Centre for Multimodal Material Production for Differently Abled was initiated under Government of Tamilnadu Scheme in the Year 2013. Under the Centre, various Tactile Aids and Teaching Learning materials for Differently Abled were developed. The teacher trainees were trained to prepare Braille and Audio Books for Differently Abled. The Recording services and Reading services were carried out from this Centre. Continuing Rehabilitation Education Programmes were also organized under this Centre in collaboration with National Institutes for Various Disabilities like NIVH and NIEPMD for the inservice special educators. Under this Centre, Alagappa University Resource Centre for Differently Abled was also started from the academic year 201516 onwards. At present 85 students with Intellectual disabilities are receiving special education services. The University is supporting four special educators, three care takers, one speech therapist, one occupational therapist, one Braille recorder, one physiotherapist for rendering excellent services for the differently abled students. There is an exclusive centre extended from this centre for preparing splints and orthotics for children with locomotor disabilities. The resource School is

- Extending education services to the children with special needs in and around Karaikudi in cooperation with SSA Authorities
- Support teachers to teach children with special needs in schools
- Counselling service to parents to handle children with special needs
- Providing educational assistive and adaptive devices available in the centre to meet the needs of children with special needs
- Develop teaching and learning materials for the children with special needs
- Providing Therapy services for children with special needs.
- Artificial Limb production Unit and Braille Audio Book Production Unit serve children with special needs in various forms
- Organized Awareness programme on Physiotherapy services for differently abled students
- Organized Awareness Programme on Tuberculosis for the Special Education Students in

Collaboration with Apollo Reach Hospitals, Managiri • Audio CD for Competitive Examinations for the students with Visually Impaired was prepared and distributed through Study Circle. • Recording services for Tamil guide for 6th and 7th were also prepared • Recording Services for B.Ed and M.Ed Low Vision and Totally Blind Students • Large Print materials for the Semester Portions and Magnifiers were also provided to the M.Ed Student • Organized International Day for the Disabled and conducted cultural and sports Competition for the differently abled students • Conducted Two Weeks Refresher Course on Teaching Braille Mathematics and Science Braille Code for the Special educators from 10th March to 21st March, 2016 in collaboration with National Institute of Visually Handicapped, Chennai • Training of Vocational materials preparation by the students with Intellectual Impairments of Resource School was carried out for their personal adequacy and economic independence.

Provide the weblink of the institution

<https://alagappauniversity.ac.in/uploads/files/Institutional Distinctiveness.pdf>

8.Future Plans of Actions for Next Academic Year

Efforts will be made for attaining Top ranking in QS-BRICS and QS/Times / Shanghai World University Rankings. Sustained efforts to be made to attain recognitions such as UPE and CPEPA from UGC. Efforts to be made to sustain/improve the growth rate achieved in the core and desirable benchmark for excellence indicators provided by NAAC. More departments to be encouraged to apply for UGC-SAP and DST-FIST. Each Department/College/Centre to be encouraged to organize more National / International Seminars/Conferences/Symposia/Workshops in an academic year. Continuous efforts to be made to restructure/revise curriculum to improve the course content. Efforts to be made to increase the strength of Post Doctoral Fellows pursuing their research in the University. Intense training to be given to students to improve their performance and success rate in National / International level competitive examinations such as NET / SET / GATE / GMAT / CAT/ GRE / TOFEL / Civil Services etc. The Faculty members to be encouraged to apply and avail international fellowship for advance studies. Steps to be initiated to improve the placement of students in reputed organizations/companies. Few more Affiliated Colleges to be encouraged to achieve autonomous status. Efforts to be made to identify and enlist the peers who can give a fair opinion/feedback about Alagappa University to the National/International Accreditation/ranking bodies.