



**Dr. A. SENTHILRAJAN**  
**Professor & Director**

### Contact

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Alagappa University,  
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Tamil Nadu, INDIA

Employee Number : 51001

Date of Birth : 29-07-1969

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### Academic Qualifications: BE., MBA., M.sc(IT)., M.Phil., Ph.D.

<b>Course</b>	<b>Year</b>	<b>Institution</b>
Ph.D (CS) Eng	2011	Alagappa University
Msc (IT)	2011	Alagappa University
M.Phil (CS)	2007	Alagappa University
MBA Systems	2005	Madurai Kamaraj University
BE (CS)	1996	Bangalore University

**Teaching Experience: 24 Years**

**Research Experience: 09 Years**

## Areas of Research

- Image Processing, Networks, Artificial Intelligence.

## Research Supervision / Guidance

Program of study		Completed	Ongoing
Research	Ph.D.	2	9
	M.Phil.	7	-
Project	PG	230	-
	UG / Others	435	-

## Membership in

### Professional Bodies

1. Member in Digital Library and Cloud Computing Faculties in University, Higher education.
2. Nodal officer for NMEICT Project to implement the campus LAN.
3. Nodal officer of National Academic Depository (NAD).
4. Nodal officer for conducting spoken tutorial, NMECIT, IIT, Mumbai.
5. Coordinator “Kanithamzh Peravai” for Tamil Virtual University , Chennai.
6. Chief Data Officer for Open Government Data Portal on 11<sup>th</sup> October, 2017 at Hotel Rain Tree, Teynampet, Chennai.
7. Technical Team member in MOOC courses on SWAYAM, MHRD.
8. Coordinator “Swayam Course” for UGC, New Delhi.

## **Editorial Board**

1. IEEE member from 2006 till date.
2. IAENG (International Association of Engineers) member from 2011 till date.
3. IACSIT (International Association of Computer Science and International Tech) from 2009
4. IRED (Institute of Research Engineers and Doctors) Member from 2018
5. Eurasia Research Member from 2018 till date
6. ACM (Association of Computing Machinery) India chapter member from 2020
7. FATER India Member from 2020

## **Reviewer**

1. Reviewer for International Journal of Plant Science for International Association of Computer Science and International Tech.
2. Reviewer for TAP Energy 2017.
3. Reviewer for International Conference on Information, Communication and Digital Security (ICICDS – 2018).
4. Reviewer for Association of Edison Illuminating Companies (AEIC) from 2021 till date.

## **Academic Bodies (such as Board of Studies etc.,) Alagappa University**

1. Board of Examiners in Alagappa University, Karaikudi.
2. Board of Studies in Alagappa University, Karaikudi.
3. Senate Member in Alagappa University, Karaikudi. (2013- 2018)
4. Standing committee in Alagappa University, Karaikudi.
5. Squad Member in Alagappa University, Karaikudi.
6. Board of member in Department of Life Long Learning.

7. Nodal officer to set up data bank in the Alagappa university website.
8. Secretary for the website network committee for Alagappa University, Karaikudi.
9. Selection committee member–Subject Expert as a UGC, BVoc “Software Development Programme” for Alagappa University, Karaikudi.
10. Computer science and Application Question paper setter for the state level eligibility Test (TNSET-16).
11. Member in Video Surveillance Camera, Alagappa University.
12. Member in Data (Present and Future) Collection Committee of Alagappa University.
13. Deputy Co-ordinator “Recruitment Cell” for Alagappa University.
14. Member in Designing of Application Form and fixing fees structure to International Students.
15. Chief Information Security Officer in Alagappa University.
16. Selection Committee select to temporary laboratory trainers for skill based programme
17. Member in Internal Quality Assurance for Directorate of Online Programmes
18. Member in “Digital Education Cell” for Alagappa University
19. Co-ordinator in Quiz Competition – New India Movement for Alagappa University
20. Member in Advisory Committee in B.Voc., Programmes for Alagappa University
21. Subject Expert in Software Development for Alagappa University
22. Academic Auditor to Audit Academic Performance of University Departments, and Constituent Colleges

## **Others**

### **Memberships in Academic Committees**

1. Board of Examiners for UG/PG Bangalore University from 2006 – 2008.
2. Board of Examiners for regular /correspondence course Bangalore University.
3. Board of Examiners for PG Mount Carmel College, Bangalore.
4. Board of Examiners for UG/PG Christ University, Bangalore.
5. Board of Examiners and board of syllabus committee in Jyoti Nivas College, Bangalore.
6. Board of Member in IQAC Jyoti Nivas College, Bangalore.
7. Examiner for Ph.D Viva-Voce, Madurai Kamaraj University, Madurai.
8. Examiner for Ph.D Viva-Voce, Bharathiyar University, Coimbatore.
9. Chairman for Board of Question Paper Setters in Annamalai University.
10. Selection committee member as a subject expert Mother Teresa Women's University.
11. Advisory Committee member – National Conference on Advanced Computing, Sastra University Kumbakonam.
12. Board of Studies in Madurai Kamaraj University, Madurai.
13. Selection Committee member as a subject expert Computer Science, Tamil University, Thanjavur.
14. Co-Convener for National Conference on Recent Trends in Informatics (NCRTI – 2018).
15. Advisory Committee Member for International Conference on Information, Communication and Digital Security (ICICDS – 2018).
16. Technical Committee Member in Periyar University, Salem.
17. Chief Data Officer in National Data Sharing and Accessibility Policy (NDSAT) for Anna University, Chennai.
18. Chairman for Board of Question Paper Setters in St. Aloysius College, Mangalore.
19. Chairman for Board of Syllabus Setters in Mount Caramel College, Bangalore.

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books Chapters / Monographs / Manuals
55	25	8	23	04

### International Conference

1. Dr.A.Senthilrajan, Dr.E.Ramaraj, "Parallel Sorting Algorithm", 12<sup>th</sup> International workshop on Future Trends of Distributed Computing Systems, Kunming,China.21-23,October 2008.
2. Dr.A.Senthilrajan, Dr.E.Ramaraj, "Multi Core processor to support network parallel Image processing applications", International conference on signal processing system 15-17 May 2009, Singapore. Organized by International association of computer science and IT. IEEE computer society, ISBN: 978-0-7695-3654-5.
3. Dr.A.Senthilrajan, Dr.E.Ramaraj, International multi conference of engineers and computer scientists ,17-19,March,2010, "High Density Impulse Noise removal using Median Filter", Hongkong ,International Association of Engineers. ISBN: 978-988-18210-4-1, ISSN: 2078-0958.
4. Dr.A.Senthilrajan, Dr.E.Ramaraj, "Median Filter Using Multiprocessing in Agriculture", in 10<sup>th</sup> International Conference on Signal Processing (ICSP'10), Oct.24-28,2010, Beijing, China, Organized by IEEE Signal Processing Society.
5. Dr.A.Senthilrajan, Dr.E.Ramaraj, "Median Filter in Agriculture", in World Congress on Engineering and Computer Science 2010 San Francisco, USA, 20-22 October, 2010 Organized by the International Association of Engineers (IAENG).ISBN: 978-988-17012-0-6.
6. "Optimized parameters for noise level estimation in image processing" , 3rd International Conference on Computer Technology and Development, ICCTD 2011,Beijing, China. November 25-27, 2011.
7. "Image processing Techniques for paddy disease", world congress on Engineering 2012", Imperial college, London. July4-6, 2012.

8. "Parallel Architecture for Binary Images Recognition", in International Conference on Business Opportunities in Emerging Asia, Colombo, Sri Lanka. August 22-23, 2012.
9. "Paddy Grade and Dirt Classification using Image Processing Techniques", in International Conference on Emerging Trends in Communication, Control, Signal Processing and computing Applications"(C2SPCA) 2013, at Bangalore on 10<sup>th</sup> and 11<sup>th</sup> October 2013.
10. "Adaptive Filter to Improve the paddy Images", in World Congress on Engineering and Computer Science (WCECS) 2014, at San Francisco, USA on 22-24 October 2014.
11. "Shape Feature Extraction of Cut Leaves in Paddy" International conference on emerging trends in science, Engineering, Business, ICBDM, February 27<sup>th</sup> – 28<sup>th</sup>, 2015 at Noorul Islam University, Kumaracoil, Tamilnadu.
12. "Efficient Image Retrieval in Real Time Database using Grey Model Technique" in International conference on "Advances in Mathematical Sciences -2015" held during March 19 -21, 2015 organized by GSSDGS, Khalsa College, patiyala in collaboration with IMRF.
13. "Spare Distributed Memory Programming in Digital Camera Using Digital Image Processing" International conference on IMRF World Research Congress Thailand – 2015(IMRFWRC 2015) held during May 25-29, 2015 at Pattaya city, Chonburi, Thailand.
14. "Pest Control in Paddy Using Segmentation in Image Processing" International Academic & Research Conference – 2015 at Vijayawada on October 09-10, 2015 organized by IMRF , UNESCO.
15. Bavithra Matharasi, N. Vijayalakshmi, Dr.A.Senthilrajan , "A study on Various Techniques and Challenges in Sentiment Analysis", in International conference on Innovations in Computer Science & Technology – 2016 at Alagappa University, Karaikudi.
16. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan , " Implementation of speech steganography using spread spectrum with wavelet domain ", in International conference on Innovations in Computer Science & Technology – 2016 at Alagappa University, Karaikudi.
17. J.Tamilselvan, Dr.A.Senthilrajan , "Constructing and maintaining large web repositories through continuous web crawling", in International conference on Innovations in Computer Science & Technology – 2016 at Alagappa University, Karaikudi.
18. M.Sangeetha, Dr.A.Senthilrajan , "Analysis of methods in wavelet domain for image resolution", in International conference on Innovations in Computer Science & Technology – 2016 at Alagappa University, Karaikudi.

19. "Diagnosing Infective Diseases in Paddy Using Mobile Device", in International Conference on Symposium on Electrical, Electronic Engineering and Digital Technology"(SEDT 2016) at Tokyo, Japan on December 6-8, 2016.
20. "Image Reduction Using Edge Based Region of Interest", in International Conference on Advanced Material Technologies"(ICAMT 2016) at Visakhapatnam, Andhra Pradesh on December 27-28, 2016.
21. "Defective Chicks Deduction Based on Texture Feature Analysis Using Random Transform", in International Conference on Applied Science and Engineering held during December 05-07, 2017 at Seoul, South Korea.
22. "Design on Benefit Mechanism of the Information and Communication Technology Based on Boolean Law", in International Conference on Advances in Mathematics and Computer Science held during December 14-16, 2017 at V.V. Vanniaperumal College for Women, Virudhunagar.
23. J.Tamilselvan, Dr.A.Senthilrajan, "Adding text document to cluster based on the similarity measures", in International conference on Advances in Computer Science and Technology (ICACSET'18) held during January 19-20, 2018 at Kalasalingam Academy of Research and Education, Krishnankoil.
24. "Multimedia Cloud Computing for Agriculture", in International Multi - Conference on Computing, Communication, Electrical & Nanotechnology (I2CN-2K18) at Kottayam, Kerala on April 26-27, 2018.
25. "Segmentation Chick's Image Using Artificial Neural Network", in International Conference on Computing, Communication and Information Technology (CCIT 2018) at Rome, Italy on October 27-28, 2018.
26. "A Heuristic Fuzzy Algorithm for Hardware Engineers Assignment in University Sectors", Springer Nature at Universite Cote d'Azur, France October 27-28, 2019.
27. Automated Weed Removal Using Image Processing and IOT Techniques at Build Bright University, Cambodia December 13-14,2019

### **National Conferences**

1. Dr. A. Senthilrajan , Dr.E.Ramaraj, "Filtering techniques", in National level conference - 2006 at jyoti nivas college, Koramangala, Bangalore.
2. Dr. A. Senthilrajan , Dr.E.Ramaraj, "Efficient parallel algorithm for filters", Entitled in UGC-SAP(DRS). National conference on mathematics-2007 at Gandhigram Rural University.

3. Dr. A. Senthilrajan , Dr.E.Ramaraj, “Median filters using Parallel algorithm”, in national level seminar on strategies of Advanced networking technology-2007 at PGP college of Arts and science, Namakkal.
4. Attended National Conference on Technical Vocational Education, Training and skills Development by AICTE, Delhi on Dec 17-18 ,2008.
5. Attended Workshop on IDL by IEEE, MS University, Tirunelveli.
6. Attended National Cyber Safety and Security Standards Summit at Chennai on 27<sup>th</sup> and 28<sup>th</sup> 2013.
7. Attended Education Tech Summit at New Delhi on 21<sup>st</sup> and 22<sup>nd</sup> June 2013.
8. Bavithra Matharasi, Dr.A.Senthilrajan , “ The role of knowledge in semantic searching of image in big data particularly with respect to social networking sites”, in Jain University on 9<sup>th</sup> May 2014.
9. Bavithra Matharasi, Dr.A.Senthilrajan , “The Knowledge graph representation of entities in social networks to cluster and build semantic query”, Jyothi Nivas College on 31<sup>st</sup> October 2014.
10. National conference on “Engineering Applications for Developing Smart Cities” held during March 30, 2015 organized by Dhirajlal Gandhi college of technology, Salem.
11. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan, “Generalized non-local mean algorithm for De-Speckling of Digital images”, National conference on Recent Advancements in Software Development (NCRASD-2015) organized by Skill Development Centre, Alagappa University, Karaikudi held on 23<sup>rd</sup> March 2015.
12. National conference on “Comparative Study of Retrieval of Image Using Histogram and Entropy” organized by Skill Development Centre, Alagappa University, Karaikudi held on 23<sup>rd</sup> March 2015.
13. Attended NKN Annual Workshop on 21<sup>st</sup> and 22<sup>nd</sup> January 2016 at Jawaharlal Nehru Technologies University, Hyderabad.
14. Attended ICTACT Bridge 2016 Chennai edition on 24<sup>th</sup> February 2016.
15. Attended the RUSA – One Day Training on 23<sup>rd</sup> August 2016 at Anna University.
16. Attended the DIDAC INDIA 2016 on September 28<sup>th</sup> to 30<sup>th</sup> at Bangalore International Exhibition Centre.
17. K.Sheela, Dr.A.Senthilrajan, “Rice quality analysing using Image Processing Technique”, National conference on Cyber Security (NCCS – 2018) organized Computer Science, Alagappa University, Karaikudi held on 25<sup>th</sup> January 2018. Paper was presented.

18. A.Fathima Mubeen, Dr.A.Senthilrajan, “ Optimal Features Selection and Classification of Healthcare Big data in Medical Internet of Things”, National conference on Cyber Security (NCCS – 2018) organized Computer Science, Alagappa University, Karaikudi held on 25<sup>th</sup> January 2018. Paper was presented.
19. Attended the one day orientation workshop on the roles and responsibilities of the university and its Swayam coordinators on 2<sup>nd</sup> February 2018 at AICTE office, Nelson Mandela Marg, Vasant Kunj, New Delhi.
20. Attended the Indian Cyber Congress (INCYCON) on 28 & 29 September 2018 at Sree Vidyanikethan Engineering College(SVCE), Tirupati, Andhra Pradesh.

### **Distinctive Achievements / Awards**

- Nominee for world who is who book for year 2008 and 2009
- IMRF Excellence Awards – 2021

### **National Conference Organised.**

1. Convenor and organised National level Conference on Artificial Intelligence and Parallel computing –September 8<sup>th</sup> and 9<sup>th</sup>,2006.
2. Convenor and organised National conference on Information Technology and- Business management October 30<sup>th</sup> and 31<sup>st</sup>,2009.
3. Convenor and organised National conference on Information computing and Management challenges in contemporary business - 21<sup>st</sup> and 22<sup>nd</sup>,2011.
4. Organizing Secretary National Level Conference on Technovation 2K19 - 14<sup>th</sup> and 15<sup>th</sup> October 2019

### **International Conference Organised:**

1. Convenor and organized international Conference on Computing and Information Technology - September 23<sup>rd</sup> and 24<sup>th</sup>, 2013. Alagappa University - Karaikudi.
2. Convenor and organized two days IT Skill Show International Conference on Advancements in Computing Resources (SSICACR – 2017) - 15<sup>th</sup> & 16<sup>th</sup> February 2017. Alagappa University - Karaikudi.
3. Organizing Secretary International Conference on Computational Intelligence and Applications – 8<sup>th</sup> and 9<sup>th</sup> August 2019 .Alagappa University – Karaikudi.

## **Other Training Programs**

1. Hardware maintenance
2. S/W Installation
3. Troubleshooting
4. Network administration.
5. Team building
6. (i). Social development program at Sheshaiya homes, Austinpatti, Madurai.  
(ii). Social development (Outreach program), Sumanahalli, Bangalore.
7. Village Extension Programme at Thiruvelangudi, 11-13 October 2018.
8. Village Extension Programme at Kothari, Pallathur 03-10-2018 and 20-09-2019.

## **Overseas Exposure / Visits**

1. **Yunnan University**. 2, Cui Hubei road, Kunming, Yunnan, China
2. **National University of Singapore (NUS)**, 21 Lower Kent Ridge Road, Singapore 119077
3. **Nanyang Technological University (NTU)**, 50 Nanyang Avenue, Singapore 639798
4. **City University, Hong Kong** . Tat Chee Avenue, Kowloon, Hong Kong SAR .
5. **University of Hong Kong** , Pokfulam, Hong Kong.
6. **Beijing University of Technology**, Beijing,100124 ,P.R.CHINA
7. **Imperial College**, London, UK
8. **Assumption university**, Bangkok.
9. **Pattaya City**, Thailand
10. **Higher Education Forum**, Japan.
11. **Seoul**, South Korea
12. **Rome**, Italy
13. **Build Bright University**, Phnom Penh, Cambodia
14. **University of California**, Berkeley, USA

## **Chair Person & Keynote Speech in International/National Conference**

1. Chair Person in 12<sup>th</sup> International workshop on Future Trends of Distributed Computing Systems, Kunming, China.21-23,October 2008.
2. Chair Person in International conference on signal processing system 15-17 May 2009, Singapore. Organized by International association of computer science and IT.
3. Chair Person in International multi conference of engineers and computer scientists, 17-19,March,2010, Hongkong.
4. Chair Person in 10<sup>th</sup> International Conference on Signal Processing (ICSP'10), Oct.24-28,2010, Beijing, China,
5. Chair Person in World Congress on Engineering and Computer Science 2010 San Francisco, USA, 20-22 October, 2010
6. Chair Person in 3rd International Conference on Computer Technology and Development, ICCTD 2011,Chengdu, China. November 25-27, 2011.
7. Chair Person in world congress on Engineering 2012, Imperial college, London. July 4-6, 2012.
8. "Modern Trends in Software" technical talk in the Indian software Industry- Growth and future 19<sup>th</sup> and 20<sup>th</sup> September 2014, UGC Sponsored National seminar conducted by Skill Development Centre, Alagappa University.
9. Chair Person National Conference an Information Technology for Sustainable Future, NCTISF 2014, Jain University, Bangalore 9<sup>th</sup> May 2014.
10. Chairperson in International conference during March19 -21, 2015 organized by GSSDGS, Khalsa College, patiyala in collaboration with IMRF.
11. Keynote Speech in International Conference on International Multidisciplinary Academic Conference Thailand – 2015(IMAC 2015) held during November 02-06, 2015 at Hotel DVaree, Pattaya city, Thailand.
12. Keynote Speaker in international conference on "Current trends in advanced computing Banglore -2016(ICCTAC-2016)" held during March 10-11, 2016 at Kristu Jayanthi College, Banglore.
13. Chairperson in International on Symposium on Electrical, Electronic Engineering and Digital Technology" (SEDT 2016) held during December 6-8, 2016 at Tokyo, Japan.
14. Chairperson in International Conference on "Applied Science and Engineering" held during July 05, 2017, at Seoul, South Korea.

15. Chairperson in International Level Conference on “Human Interaction and Emerging Technologies” held during August 27,2019, at France.
16. Chairperson in International Level Conference on “Advances in Mathematics Computers and Physical Sciences” held during December 13-14, 2019, at Cambodia.

## Others

1. Felicitation address given in the Intellect 2014 at Nachiyappa Swamigal Arts & Science College, Koviloor.
2. Guest Lecture on “Digital Image Filtering on 27<sup>th</sup> March 2014 for MCA, MSc (CS&IT), MPhil, Ph.D Scholars at Mother Teresa Women’s University, Kodaikanal.
3. Conducted a session on Green computing in Thiagarajar College of Engineering, Madurai, and TEQIP sponsored workshop on Wireless Networks – A Step towards Green Communication.
4. Organized Image Processing Workshop from 7<sup>th</sup> –13<sup>th</sup> March 2014 at Alagappa University, Computer Centre.
5. Guest Lecture on “Digital Image Filtering” on 27<sup>th</sup> March 2014 for MCA, MSc (CS & IT), MPhil, Ph.D Scholars at Mother Teresa Women’s University, Kodaikanal.
6. Attended the Colloquium on higher education quality of the event conducted by Internal Quality Assurance Cell on 9<sup>th</sup> January 2015 at Alagappa University.
7. Chief guest on One Day National Level Workshop on Python Programming organized by P.N.C.& Vijai Institute of Engineering & Technology, Guntur, A.P. India, held on 09<sup>th</sup> September, 2017.
8. Felicitate address given in the Technical Symposium CS-INNOWIZ 2K17 on 20<sup>th</sup> September, 2017 at Dept. of Computer Science, Alagappa University, Karaikudi.
9. Felicitation the three day National Workshop on Open Source Software – KOHA for Public and Academic Libraries on 16<sup>th</sup> February 2018 at Department of Library and Information Science, Alagappa University.
10. Attended Guest on Two day National Level Workshop on Computing, Communication, Electrical and Nanotechnology(12CN-2K18) at Mangalam College of Engineering, Kerala

1. "A Heuristic Fuzzy Algorithm for Hardware Engineers Assignment in University Sectors", in Springer Nature Vol-1018, Page: 222-227, 27-28, October 2018.
2. "Segmentation Chick's Image Using Artificial Neural Network", in International Conference on Computing, Communication and Information Technology (CCIT 2018), ISBN: 978-1-63248-162-7, DOI: 10.15224/978-1-63248-162-7-06, Page: 11-14.
3. "Multimedia Cloud Computing for Agriculture", in International Multi - Conference on Computing, Communication, Electrical & Nanotechnology (I2CN-2K18) at Kottayam, Kerala on April 26-27, 2018, presented and published.
4. "Removal of Weeds in Agriculture field using Wavelet Transformation in Image Processing" International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), Vol - 6, Issue - 2, ISSN: 2321-8169, Impact Factor: 5.837 Page: 19-26, February 2018.
5. Bavithra Matharasi, Dr.A.Senthilrajan , "Sentiment Analysis using a Novel approach to classify sentiments in social networking data", International Journal of Advanced Research in Computer Science - 2018, Vol - 9, ISSN: 0976-5697, Page:297-301.
6. J.Tamilselvan, Dr.A.Senthilrajan, "Adding Text Document to cluster based on the similarity measures", International Journal of Pure and Applied Mathematics - 2018, Vol - 118, ISSN: 1314-3395, Page: 3069-3074.
7. "Segmentation in Manganethi Plant using Mathematical Morphology", International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE), Vol - 6, Issue - 10, ISSN 2278-1021, Impact Factor: 5.947, Page: 291-293, October 2017.
8. N.Vijayalakshmi, "A hybrid approach for sarcasm detection of social media data", International Journal of Scientific and Research Publications - 2017, Vol - 7, Issue - 5, ISSN: 2250-3153, Page: 327-336.
9. Bavithra Matharasi, Dr.A.Senthilrajan, "Sentiment Analysis of Twitter Data using Naive bayes with Unigran Approach", International Journal of Scientific and Research Publications - 2017, Vol - 7, Issue - 5, ISSN: 2250-3153, Page: 337-341.
10. "Image Reduction Using Edge Based Region of Interest", IOP conf.series: Materials Science and Engineering - 2017, doi: 10.1088/1757-899X/225/1/012248.
11. M.Sangeetha, Dr.A.Senthilrajan, "Super Resolution - A Review", International Journal of Engineering Research & Technology (IJERT) - 2016, Vol - 4, Issue - 21, ISSN: 2278-0181, Page: 36-40.

12. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan, "Robust Image Desoising using Infantile Fixation of Non Local Euclidean Median in Patch Space", International Referred Journal of Engineering and Science(IRJES) – 2016, Vol – 5, Issue – 8, ISSN: 2319-1821, Page: 24-28.
13. M.Sangeetha, Dr.A.Senthilrajan, "Analysis of methods in wavelet domain for image resolution", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) - 2016, Vol – 3, ISSN: 2394-3785, Page: 628-631.
14. J.Tamilselvan, Dr.A.Senthilrajan, "Constructing and maintaining large web repositories through continuous web crawling", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) - 2016, Vol – 3, ISSN: 2394-3785, Page: 605-608.
15. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan, "Implementation of speech steganography using spread spectrum with wavelet domain", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) - 2016, Vol – 3, ISSN: 2394-3785, Page: 588-594.
16. Bavithra Matharasi, N. Vijayalakshmi, Dr.A.Senthilrajan, "A study on Various Techniques and Challenges in Sentiment Analysis", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) - 2016, Vol – 3, Special issue – 20, ISSN: 2394-3777, Page: 474-478.
17. Bavithra Matharasi, N. Vijayalakshmi, Dr.A.Senthilrajan, "Object Oriented Graph Structure to Represent the Dataset in online Social Network", 2015, doi: 10.3850/978-981-09-4426-1-086, ISBN: 978-981-09-4426-1, Page: 314-321.
18. "Pest Control in Paddy using Segmentation in Image Processing", Engineering Sciences International Research Journal, Vol – 3, Issue – 2 (2015), ISSN: 2320-4338, ISBN: 978-931-84124-55-7, Page: 82-85.
19. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan, "Generalized non-local mean algorithm for De-Speckling of Digital images", International Journal of Emerging Trends in Science and Technology (IJETST) - 2015, Vol – 2, Issue – 8, ISSN: 2348-9480, Page: 3077-3082.
20. "Efficient Image Retrieval In Real Time Database Using Grey Model Technique", Mathematical Sciences International Research Journal – 2015, Vol - 4, Issue - 1, ISSN: 2278 – 8697, ISBN: 978-93-84124-36-6, Page: 216-219.
21. "Sparse Distributed Memory Programming in Digital Camera using Digital Image Processing", Mathematical Sciences International Research Journals, Vol – 4, ISSN: 2278-8697, ISBN: 978-93-84124-40-3, Page: 20-28.

22. "Adaptive Filter to improve the paddy Images", World Congress on Engineering and Computer Sciences (WCECS) 2014, Vol – 1, ISSN: 2078-0958, ISBN: 978-988-19252-0-6.
23. Gopala Krishna Nagasarapu, Dr.A.Senthilrajan, "An efficient scheme for Robust Image Denoising using Probable Non Local Mean Algorithm", International Journal of Scientific & Engineering Research, Volume 5, Issue 8, August-2014, P10, ISSN: 2229-5518-04, Page: 10-12.
24. C2SPCA - "Paddy grade and dirt classification using Image processing techniques" International Research Journal - 2013, ISSN: 978-1-4799-1085-4, Impact Factor: 6.810, DOI: 10.1109/C2SPCA.2013.6749462.
25. "FPGA Implementation of Matrix-Vector Multiplication for Image Processing Application", European journal of Scientific Research, 2013 (Impact Factors 0.76).
26. Argha Ghosh, Dr.A.Senthilrajan, "Research On Packet Inspection Techniques", International Journal of Scientific & Technology Research" Vol – 8, Issue: 11, ISSN: 2277-8616, Page: 2068-2073, 2019. Scopus Indexed
27. Argha Ghosh, Dr.A.Senthilrajan, "Classify Network Traffic using DPI and DFI", International Journal of Scientific & Technology Research" Vol – 8, Issue: 11, ISSN: 2277-8616, Page: 3983-3988, 2019. Scopus Indexed
28. Argha Ghosh, Dr.A.Senthilrajan, "An Approach for Detecting Spear Phishing using Deep Packet Inspection and Deep Flow Inspection", Elseiver- Social Science Research Network (SSRN) Library", ISSN: 1556-5068, 2019. Scopus Indexed
29. Argha Ghosh, Dr.A.Senthilrajan, "An Approach for Detecting Man-In-The-Middle Attack using DPI and DFI", Springer LNDECT 49- 2020", ISSN: 2367-4512, 2019. Scopus Indexed
30. Sangeetha Muthiah, Dr.A.Senthilrajan, "Implementing Various Noise Reduction Filters on Infected Coconut Images", International Journal of innovative Technology and Exploring Engineering, Vol – 8, ISSN: 2278-3075, Page: 3675-3678, 2019. Scopus Indexed
31. Sangeetha Muthiah, Dr.A.Senthilrajan, "Agro Image Denoising (AID) for Enhanced Agricultural Images on Infected Coconut Images", International Journal of Engineering and Advanced Technology, Vol – 8, ISSN: 2249-8958, Page: 2474-2478, 2019.
32. P. Siva Prasad, Dr.A.Senthilrajan, "Amalgamate Classification of Plant using Deep Learning", International Journal of Scientific & Technology Research" Vol – 9, ISSN: 2277-8616, Page: 5759-5761, 2019. Scopus Indexed

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