



**Dr. K. Prabakaran**  
**Assistant Professor**

### Contact

Address : Department of Geology  
Alagappa University  
Karaikudi – 630 003  
Tamil Nadu, INDIA

Employee Number : 53408

Date of Birth : 10-05-1982

Contact Phone (Office) : +91 4565 223297

Contact Phone (Mobile) : +91 9047193931

Contact e-mail(s) : prabakarnk@alagappauniversity.ac.in & prabageo@gmail.com

Skype id : drkprabakar

### Academic Qualifications: M.Sc., Ph.D.

### Teaching Experience: 6 Years

### Research Experience: 11 Years

### Additional Responsibilities

1. Member – Department Board of Studies
2. Department Library In-charge
3. Department Instruments In-charge
4. Department GIS Lab In-charge
5. I-M.Sc Applied Geology Class In-charge

## Areas of Research

Geology - Sedimentology, Geomorphology, Hydrogeology, Remote sensing and GIS

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	-	-
	M.Phil.	-	-
Project	PG	02	04
	UG / Others	15	-

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
07	-	-	-	1

Cumulative Impact Factor (as per JCR) :

h-index : 1

Total Citations : 2

## Funded Research Projects

### Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	AURF	2016	2018	"Studies on Mineral Resources and Coastal Geomorphology of Rameshwaram Region by using Remote Sensing and GIS Techniques"	0.80

## Events organized in leading roles

### Number of Seminars / Conferences / Workshops / Events organized:

1. **International workshop on "Recent trends in Biosciences (ICRTB 2016)"** from 07-04-2016 to 09-04-2016 in Alagappa University, Karaikudi. (Organizing Secretary).
2. **National workshop "Geospatial Technology in Coastal Studies"** on 12-02-2016 and 13-02-2016 in Department of Oceanography and Coastal Area Studies, Alagappa University, Thondi Campus. (Organizing Secretary).

3. **DST sponsored Training Program “Geospatial technology – Theory and Practice using Open Source GIS Software”** on 26-08-2015 to 28-02-2015 in Department of Civil Engineering, Kalasalingam Univerisyt, Krishnankoil. (Organizing Secretary).
4. **Faculty Development Program “Recent Innovations in Geotechnical Engineering”** on 05-05-2015 to 10-05-2015 in Department of Civil Engineering, Kalasalingam Univerisyt, Krishnankoil. (Organizing Secretary).
5. **National level Technical Symposium “ASTHIVAAR-2012”** on 06-10-2012 in Department of Civil Engineering, Kalasalingam Univerisyt, Krishnankoil. (Organizing Secretary).

## Events Participated

### Conferences / Seminars / Workshops:

1. Participated in the 100<sup>th</sup> **Orientation Programme** from 15-11-2017 to 12-12-2017 and obtained the **grade ‘A’** organized by the **UGC-HRDC**, Bharathidasan University, Tiruchirappalli-620023, Tamil Nadu.
2. Participated in the DST Sponsored Two Days Workshop on **“Art of Projecct Writing and Management in Geospatial Technology”** Conducted by the DST Geospatial Chair, Centre for Remote Sensing, Bharathidasan University, Tiruchirappalli. Dated: 27-01-2017 & 28-01-2017
3. Participated in the National Training Workshop on **“LiDAR Technology and Applications”** organized by the Department of Earth Sciences, Annamalai University, Tamilnadu, Dated: 03-11-2016 & 04-11-2016.
4. Participated in the International conference on **“Multi-dimensional view of Tamil People Culture”** organized by Alagappa University Tamil Panpaattu Centre, Karaikudi, Tamilnadu, Dated: 22-10-2016 & 23-10-2016.
5. Participated in the International English Entry level Examination **“Cambridge English Language Assessment Test”** (Entry 2, Business) and Achieved Council of Europe Level A2. Dated: 13-07-2015.
6. Participated in the International Seminar on **“Smart city planning using Geographical Information Systems”** organized by Dept. of Civil Engineering, PSNA College of Engineering and Tecchnology, Dindigul. Dated 10-12-2014.
7. Participated in the National Workshop on **“R&D Proposals to National and International Funding for Researchers - Approach & Preparation”** organized by Dept. of Chemical Engineering, National Institute of Technology, Tiruchirappalli. Dated 16-08-13 & 17-08-13.

8. Participated in the National Technical Symposium on “**ASTHIVAR -2012**” organized by Dept. of Civil Engineering, Kalasalingam University, Krishnankoil. Dated 06-10-2012.
9. Participated in the **National Level Conference** on “**NCODMM -2012**” organized by Dept. of Civil Engineering, Kalasalingam University, Krishnankoil. Dated 06 & 07-04-2012.
10. Participated in the National Workshop on “**Frontiers in Catalysis Research**” organized by Dept. of Chemistry, National College, Tiruchirappalli. Dated 01-10-10.
11. Participated in the National Workshop on “**Environmental Protection**” organized by PWD (WRO) state Government and Dept. of Geology, National College, Tiruchirappalli. Dated 24-09-10.
12. Participated in the National Workshop on “**Recent Developments in Geospatial Technology**” organized by Dept. of Geology, School of Geosciences, Bharathidasan University, Tiruchirappalli. Dated 18-03-09 to 19-03-09.
13. Participated in the DST sponsored National Workshop on “**Coastal Non-Living Resources**” organized by Dept. of Geology, National College, Tiruchirappalli. Dated 13-03-08 to 15-03-08.
14. Participated in the UGC sponsored National Seminar on “**Coastal Zones of India**” organized by Dept. of Geology, National College, Tiruchirappalli. Dated 06-12-07 to 07-12-07.
15. Participated in the National Workshop on “**Remote Sensing for Environmental Studies**” organized by Dept. of Geography, School of Geosciences, Bharathidasan University, Tiruchirappalli. Dated 21-02-05 to 25-02-05.

### **Other Training Programs**

1. Participated Short term **Training programme** on “**Training and scope of SCUBA Diving**” organized by Department of Oceanography and CAS, Thondi Campus, Alagappa University. Dated 15-02-2017 & 16-02-2017.
2. Participated in the **Training programme** on “**Open source Quantum GIS**” organized by Dept. of Civil Engineering, Velammal College of Engineering and Technology, Madurai. Dated 23-01-2013.
3. Participated ISRO, Govt. of India sponsored **Training programme** on “**2<sup>nd</sup> course on Geoinformatics for Disaster Management**” organized by **Geological Survey of India Training Institute, Hyderabad**. Dated 11-07-06 to 09-08-06.
4. Participated in the **Training programme** on “**Introduction to Arc GIS 9**” organized by **ESRI India, NIIT GIS Ltd**. Chennai. Dated 27-02-06 to 03-03-06.

5. Participated in the **ISRO – NNRMS Training programme** on “**Geological Remote Sensing and GIS**”. Dept. of Geology, **Anna University**, Chennai. Dated 5-12-05 to 23-12-05.
6. Participated in the **Training programme** on “**Mathematical Modeling of Ground Water Flow and Mass transport through theory and hands on training**” organized by School of Environmental Sciences, **Jawaharlal Nehru University**, New Delhi. Dated 12-11-04 to 09-12-04.
7. Onboard participated on **C.R.V. Sagar Paschimi** for the **research programme** sponsored by **NIOT**, Dept. of Ocean Development, Govt. of India. Dated 15-09-03 to 18-09-03.

### Resource persons in various capacities

#### Number of Invited / Special Lectures delivered:

1. Delivered a Lecture in National Seminar “**GIS and Remote Sensing Technology for National Development**” organized by Department of Civil Engineering, Kalasalingam University, Krishnankoil, Tamilnadu. Dated: 10-10-2014.
2. Delivered a Lecture in National Seminar on “**Recent Trends in Civil Engineering**” organized by Dept. of Civil Engineering, Mount Zion College of Engineering and Technology, Puthukottai, Tamilnadu. Dated: 16-08-2012.
3. Delivered a Lecture in National Seminar on “**Remotesensing and GIS**” organized by Dept. of Civil Engineering, Kalasalingam University, Krishnankoil, Tamilnadu, Dated: 25 & 26-02-2012.

### Recent Publications

1. Naveen Raj T, **Prabakaran K**, Udhaya Gowtham G, Mahesh Kumar M, Aravind D, Saravana Vikash A (2016) “Landslide Hazard zonation mapping using Geospatial Technology in Bodimettu hills, Theni district, Tamilnadu” **International Journal of Earth Sciences and Engineering**, Vol.9 (4), pp.1454-1457, ISSN NO. 0974-5904.
2. Kumar.G, **Prabakaran. K** and Selvam.G (2015) “Assessment of Groundwater Quality for Veppanthattai Taluk, Perambalur District, Tamil Nadu Using Remote Sensing and GIS Techniques” **International Journal of Recent Scientific Research**, Vol. 6, Issue 3, pp 3142-3146, ISSN NO.0976-3031.
3. Selvam. G, **Prabakaran. K**, Srinivasan. D and Kumar. G, (2015) “Assessment of Groundwater Quality in And Around Manapparai Block, Tamilnadu (India),

**International Journal of Recent Scientific Research**, Vol. 6, Issue 3, pp 2903-2907, ISSN NO.0976-3031.

4. Sivapragasam. C, D. Venkat reddy, **Prabakaran. K**, M. Vigneswaran, S. Senthilkumaran, C.Sivaprasath and M. Varun kumar (2012) "Physico-Mechanical Properties of Select Granitoidal Rocks from a Part of Pandiyan Mobile Belt, India", **International Journal of Earth Sciences and Engineering**, Vol.5 (3), pp.437- 441, ISSN NO.0974-5904.
5. **Prabakaran. K** and Anbarasu. K (2010) "Coastal Geomorphology and Evolution of Rameswaram Island, Tamilnadu, India". **Research Journal of Earth Sciences**, Vol.2 (2), pp.30-35, ISSN NO.1995-9044.
6. **Prabakaran. K** and Anbarasu. K (2010) "Evolution of Vaigai delta, Tamilnadu, India (East coast) during Quaternary". **International Journal of Geomatics and Geosciences**, Vol. 1(2), pp 211-222, ISSN NO.0976-4380.
7. **Prabakaran. K** and Anbarasu. K (2010) "Evidences for late Quaternary sea level changes along the coast of Tamilnadu, East coast of India". **International Journal of Recent Scientific Research**, Vol. 7, pp 163-167, ISSN NO.0976-3031.