

Dr.V.THIRUKUMARAN,

Associate Professor and
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ACADEMIC QUALIFICATION

Ph. D (DOCTOR OF PHILOSOPY): May 2012

Centre for Remote sensing, Bharathidasan University, Tiruchirappalli.

M.Tech (Master of Technology)

Centre for Remote sensing, Bharathidasan University, Tiruchirappalli.

1997 - 1998 - First Class with distinction,

Faculty : Remote Sensing

M.Sc. (Master of Science)

Department of Geology, Government Arts College, Salem - 7

(Then affiliated to University of Madras, Chennai)

1995 - 1997, First Class with distinction, **University First Rank**

B.Sc. (Bachelor of Science)

Department of Geology, Government Arts College, Salem - 7

(Then affiliated to University of Madras, Chennai)

1992 - 1995, First Class with distinction, **University First Rank**

AWARDS AND RECOGNITION

1. National Merit Scholarship-1996

2. Cromarty Prize- 1997

EXPERIENCE

Designation : Associate Professor

Institution : Department of Geology,
Government Arts College (Autonomous)

Cherry Road, Salem – 663 007.

Experience : 25 Yrs, From 15th October 1998 to till date,

Nature of Job: Teaching, Tutoring, taking the students to field trips and guiding for the projects and mapping.

ADDITIONAL RESPONSIBILITIES:

1. Deputy Controller of Examination, Government Arts college (Autonomous), Salem-7
2. Curriculum Development Cell Co-ordinator, Government Arts college (Autonomous), Salem-7
3. Academic Council Member, Government Arts college (Autonomous), Salem-7,
4. Finance committee Member, Government Arts college (Autonomous), Salem-7,
5. Nodal Officer for IIRS outreach programme, Government Arts college (Autonomous), Salem-7
6. BOARD OF STUDIES MEMBER Centre for planetary studies, Periyar University
7. BOARD OF STUDIES MEMBER, Centre for remote Sensing, Bharathidasan University, Remote sensing
8. BOARD OF STUDIES MEMBER Department of Geology, Govt. Arts College(A), Salem-7
9. Expert Member of District Level Environmental Impact Assessment Authority, (DEIAA), Namakkal District
10. Nodal Officer for Academic bank of credits (ABC), Government Arts college (Autonomous), Salem-7,

RESEARCH:

	Guided	Guiding
Ph.D	4	5
M.Phil.,	5	-
M.Sc.	70	2

FUNDED and CONSULTANCY PROJECTS:

1. Environmental degradation of reserve forest around Magnesite mine dumps in Chalk hills, Salem- An integrated study on reprocessing of soil dumps and forest restoration study using Geochemistry Remote Sensing and GIS" Funded by TANSICHE- status **Completed**- Duration : 24-09-2016 - 28-07-2017, Funding Agency:TANSICHE Total Budget : Rs. 100000
2. Fossil earthquake-pseudotachylytes constraining geochemistry and strain analysis, to identify the terrestrial or extra-terrestrial origin in Gangavalli shear zone, Tamil Nadu, India, " Funded by TANSICHE- status **Ongoing**- Duration : 2023 -2024, Funding Agency:TANSICHE Total Budget :Rs. 100000
3. Consultant to the Project entitled" Development of a Spatial Decision Support System For Slopes Along Traffic Corridors- Along Palani-Kodaikanal Hill Road"
Duration : 24-09-2016 - 28-07-2017, Funding Agency: DST, Total Budget : Rs.10,00,000.
4. Consultant to the Project entitled "An integrated hydrogeological studies to formulate a model for dewatering in Arasu Magnesite Mine, Salem" to propose alternative solution to mine flooding problem. Budget: Rs: 10,00,00/- Duration: 2019-2021.

PAPER PUBLISHED

Papers Published in International / National Journals:

1	2023	The Use of Spectroscopy Techniques to Determine the Mineral Content of Soils in the Tiruvannamalai District of Tamil Nadu, India, Journal of Radiation and Nuclear Applications, J. Rad. Nucl. Appl. 8, No. 1, 17-22 (2023),
2	2023	Estimation of soil overburden thickness/ depth of rock strata using geo-physical survey at Himalayan region, Journal of Geology, Geography and Geocology, 31(4), 659-667. https://doi.org/https://doi.org/10.15421/112262
3	2022	Assessment of landscape evolution and spatiotemporal variations in tectonic pulses in the Vaigai River Basin, Southern India, The

		Indian Geographical Journal Volume 97 (1) June - 2022, pp 60-78 ISSN 0019-4824 60
4	2022	Statistical analysis of natural radioactivity measurements for the soil of Tiruvannamalai District, Tamilnadu, India, May 2022 <u>Materials Today: Proceedings</u> , DOI: 10.1016/j.matpr.2022.04.878
5	2022	Magnetic and Soil Parameters as a Potential Indicator of Soil Pollution, in the district of Tiruvannamalai, Springer, Environmental Earth Sciences DOI: 10.21203/rs.3.rs-497474/v1
6	2021	Spatial Evaluation of Groundwater Quality Using GIS and WQI in Gadilam River Basin, Tamil Nadu, India. <i>Journal of Geology, Geography and Geoecology</i> , 30(3), 546-561. https://doi.org/https://doi.org/10.15421/112150
7	2021	Spatial mapping for Groundwater Vulnerability to Pollution Risk Assessment Using DRASTIC Model in Ponnaiyar River Basin, South India. <i>Journal of Geology, Geography and Geoecology</i> , 30(2), 355-364. https://doi.org/https://doi.org/10.15421/112132
8	2021	Detection of Slip Surface in Landslides using Geo-physical Survey at Bhusmey Landslide, East Sikkim: India, India J GeolGeophys. 10:494.
9	2021	Identification of Groundwater Potential Zones using Geospatial Techniques in Palar River Basin, Tamil Nadu, India, DOI: 10.21203/rs.3.rs-625147/v1
10	2021	Assessment and source identification of heavy metal contamination of groundwater using geospatial technology in Gadilam River basin, Tamil Nadu, India. <i>Appl Water Sci</i> 11, 102 (2021). https://doi.org/10.1007/s13201-021-01436-y , DOI https://doi.org/10.1007/s13201-021-01436-y
11	2021	“Contrasting mineralogy and strain partitioning across N-S oriented Sitampundi - Kanjamalai Shear in Sitampundi Anorthosite Layered Complex”, <i>ijceae</i> , vol. 3, no. 1, pp. 67-80, May 2021.
12	2021	ARIMA modelling to predict waterlevel fluctuation in Palar River Basin, Tamil Nadu, India, engineering compliance journal, DOI: 10.13140/RG.2.2.35872.51203
13	2021	Identification of groundwater potential zones using time series analysis and GIS applications in Palar River Basin, Tamil Nadu, India, Sociological Research VOLUME 6(ISSUE 4):April 2021, Page No: 88,NOVYI MIR Research Journal, ISSN No: 0130-7673
14	2021	Evaluation of Groundwater Quality Using Water Quality Index in Gadilam River Basin, Tamil Nadu, India, International Journal of

		Geography and Geology , June 2021, Volume 10, <u>1</u> , pp 1-8, DOI: 10.18488/journal.10.2021.101.1.8
16	2020	Fold pattern analysis around Kanjamalai Salem district Tamilnadu, <i>ijceae</i> 2020 , 2,74-92. DOI: https://doi.org/10.34256/ijceae2025
17	2019	Tectono- morphological evolution of the Cauvery, Vaigai, and Thamirabarani River basins: Implications on timing, stratigraphic markers, relative roles of intrinsic and extrinsic factors, and transience of Southern Indian landscape, special volume "Evolution of Indian Sub-continent" Geological Journal 2019 , DOI: https://doi.org/10.1002/gj.3520
18	2019	Strain Pattern Analysis of Mylonites From Sitampundi-Kanjamalai Shear Zone, Thiruchengode, South India, International Journal of Civil, Environmental and Agricultural Engineering' Vol 1 No 1 (2019): Volume 1, Issue 1, Year 2019 , DOI: 10.26524/ijceae1914
19	2019	An Impact of Rain fall in Ground Water Level Fluctuation and Prediction of Rainfall at Kanchipuram District, Tamil Nadu, India, International Journal for Research in Applied Science & Engineering Technology (IJRASET) , ISSN: 2321-9653; Volume 7 Issue III, Mar 2019 DOI: 10.13140/RG.2.2.33659.57125
20	2019	Kinematics, strain pattern and geochronology of the Salem-Attur shear zone: Tectonic implications for the multiple sheared Salem-Namakkal blocks of the Southern Granulite terrane, India, PRECAMBRIAN RESEARCH (2019) , doi: https://doi.org/10.1016/j.precamres.2019.01.022
21	2018	- Rock Slope Stability Assessment Using Geomechanical Classification and its Application for Specific Slopes along Kodaikkanal-Palani Hill Road, Western Ghats, India, JOURNAL GEOLOGICAL SOCIETY OF INDIA Vol.91, April 2018, pp.489-495
22	2017	K. Sundaralingam ^{1*} , T. K. Biswal ¹ and V. Thirukumaran² , Strain Analysis of the Salem-Attur Shear Zone of Southern Granulite Terrane Around Salem, Tamil Nadu, JOURNAL GEOLOGICAL SOCIETY OF INDIA , Vol.89, January 2017, pp.5-11.
23	2017	Bhuban Mohan Behera, V Thirukumaran , AishwarayaSoni, Prasanta Kumar Mishra and Tapas Kumar Biswal,, Size distribution and roundness of clasts within pseudotachylytes of the Gangavalli Shear Zone, Salem, Tamil Nadu: An insight into its origin and tectonic significance, <i>J. Earth Syst. Sci.</i> (2017) 126:46 c, DOI 10.1007/s12040-017-0827-x

24	2014	Thirukumaran, V. , Kumanan, C.J.K., and Biswal, T.K., Geoinformatic Modeling of Groundwater Resource Mapping of Shear Zone Regions- A Case Study on Attur Valley, Tamil Nadu, India, Journal of Indian Society of Remote Sensing, DOI 10.1007/s12524-014-0375-7
25	2012	Sundaralingam K, Bert De Waele, Thirukumaran V , SS Thakur, MahadaniTanushreeand TK Biswal. Deformation,metamorphism and geochronology of the palaeoproterozoicsalem-namakal fold thrust belt and implications for the Gondwanaland continental assembly, International Journal of Geology, Earth and Environmental Sciences ISSN: 2277-2081 (Online), 2012 Vol. 2 (2) May-August, pp.266-286.
26	2011	Balamurugan, G., Rajendran, S. and Thirukumaran, V . Impacts of Climate, Topography and Weathering profile on Hydrogeology and Water Resources Assessment in Semi-Arid Terrain. Using Earth Observation-1 ALI, ASTER-DEM and GIS techniques. International Journal of Geomatics and Geosciences, Vol.1, No.2. ISSN.0976-4380.
27	2010.	Biswal, T. K., Thirukumaran, V. , KamleshwarRatre, KrishanuBandyapadhaya, Sundaralingam, K. and Amit Kumar Mondal. A Study of Mylonites from parts of the Salem - Attur Shear Zone (Tamil Nadu) and its Tectonic Implications - Journal Geological Society of India Vol.75, January 2010, pp.128-136.
28	2009.	Biswal, T. K., Thirukumaran, V. ,Kamleshwar Ratre1 and Sundaralingam, K. Study of the Salem-Attur shear zone, east of Salem, Tamil Nadu: A new kinematic interpretation - Current Science, Vol. 96, No. 10, 25, May 2009. pp.1386-1390.
<u>Papers Published in Books / Edited / Proceeding Volumes:</u>		
1.	2009	Thirukumaran, V. and Ramkumar, Mu. Quick Sand: A lesser known Geohazrd: But not A lesser evil - 16TH CHAPTER IN THE BOOK "Geological Hazards Causes, Consequences And Methods Of Containment"- Editor Mu. Ramkumar: New India Publishing Agency, New Delhi -110088: ISBN: 978-81-90851-27-5 YEAR-2009:
2.	2009	Suresh, R. and Thirukumaran, V . Glossary on Geohazards-"Geological Hazards Causes, Consequences And Methods Of Containment"- Editor Mu.Ramkumar: New India Publishing Agency, New Delhi -110088: ISBN: 978-81-90851-27-5 YEAR-2009:
3.	2013	Thirukumaran V , Thirumurugan V. And Satish , Historical perspectives of water management system in India and Neighboring countries, 2nd chapter in the book "Water Management : Historical

		perspectives and development” - Editor S.Anbazhagan, Periyar University, Salem, ISBN No: 978-93-83188-01-7.
4.	2013	Thirumurugan V., Thirukumaran V And Satish Analysis of water level fluctuation of Salem city using ARIMA, - 6th chapter in the book “Water Management : Historical perspectives and development” - Editor S.Anbazhagan, Periyar University, Salem, ISBN No: 978-93-83188-01-7
5.	2015	Remote sensing: An invincible tool for mapping the dynamics of riverine geomorphology, CHAPTER · APRIL 2015 DOI: 10.1007/978-3-319-13425-3-9 · In book: Environmental Management of River Basin Ecosystems, Publisher: Springer-Verlag, Editors: Mu.Ramkumar, K.Kumaraswamy, R.Mohanraj, pp.161-176
6.	2020	A Preliminary Study on Earthquake Source Properties Based on Geochemistry, Shear Resistance and Melt Pressure of Pseudotachylites, Gangavalli Fault, South India, In: Biswal T., Ray S., Grasemann B. (eds) Structural Geometry of Mobile Belts of the Indian Subcontinent. Society of Earth Scientists Series. Springer, Cham. https://doi.org/10.1007/978-3-030-40593-9_8
7	2022	Course book on General Geology for Tamil Nadu Open University ,TamilNadu
<u>Papers Published in International / National Conferences / Seminars:</u>		
1.	2012	Balamurugan, G. Thirukumaran, V. and Santhanam, K. Synergistic Use of Multispectral EO-1 ALL, Landsat-ETM+ & Hyperspectral Hyperion Data and GIS for Regolith Landform Mapping in Arid Region: Implication for Groundwater Exploration. PROCEEDINGS, National Seminar on Geospatial Solutions for Resource Conservation and Management 18-19 January, 2012, J.N.TATA Auditorium, Indian Institute of Science, Bengaluru Organized by Karnataka State Remote Sensing Applications Centre Department of IT, BT and S&T, Government of Karnataka.
2.	2011	Thirukumaran, V. and Kumanan, C.J., A study on Geomorphologic Anomalies as Signatures of Neotectonism in Attur Valley, TamilNadu, 24th Indian Institute of Geomorphologists, National conference & Annual convention on Coastal Dynamics & Geomorphology, Anna University, Chennai -25.

3.	2011	Thirukumar, V., .Biswal, T.K., Kumanan, C.J. and Sundaralingam, K. Study On Cataclasites Of Moyar-Bhavani-Salem-Attur Shear Zone Around Salem, Tamil Nadu, India And Its Significance In Building Reactivation Tectonics, International conference on "Earth-Future"- VonHumboldtFoundation andPeriyar University, Salem. September 7-9, 2011.
4.	2011	Thirukumar, V., Biswal, T.K. and Kumanan, C.J. Evidences of alkaline magmatism in Attur valley Tamil Nadu, International conference on "Earth-Future"- VonHumboldt Foundation and Periyar University, Salem. September 7-9, 2011.
5.	2011	G. Balamurugan, K. Santhanam, and V.Thirukumar Applications of hyperspectral and radar remote sensing data and GIS integration for terrain evaluation and natural resources assessment in Namakkal district, Tamil Nadu, India, International conference on "Earth-Future"- VonHumboldt Foundation and Periyar University, Salem. September 7-9, 2011.
6.	2010	Sundaralingam K., TanushreeMahadani, Y.K. Singh, Tapas Kumar Biswal, V. Thirukumar , Tectonic history of South Delhi Fold Belt, a resemblance with Southern Granulite Terrane and East African Orogen, 7th International Symposium on Gondwana to Asia: Evolution of Asian Continent and its Continental Margins, International Association for Gondwana Research Conference Series 9.25-29, September 2010, Qingdao, China.
7.	2010.	Thirukumar, V., Kumanan, C.J. and Biswal, T. K. An integrated study of airborne magnetic and resistivity anomalies and visually interpreted remotely sensed data of Salem region Tamil Nadu in connection with shear zone and neotectonic zone demarcation-National Conference on Geomatics in Disaster Management (GEODM2010) - Organised by- Jamsetji TATA Center for Disaster Management, TATA Institute of Social Sciences, Mumbai. April 2010.
8.	2010.	Thirukumar, V., Biswal, T. K. and Sundaralingam, K. Petrography and analytical study of cataclasites of Moyar-Bhavani-Salem-Attur Shear Zone around Salem, Tamil Nadu -National Conference in Geoscience Research NACGEO -2010, Dept Of Earth Sciences, Annamalai University, Annamalai Nagar-608002, 5&6 March 2010.
9.	2010.	Thirukumar, V., Thirumuragan, V. and Satish, S. Historical perspectives of water management system in India and neighboring countries- One Day Regional Workshop on Artificial Recharge and Watershed Management- UGC Sponsored 6-8 -2010, Dept. of Geology, Periyar University, Salem, Tamil Nadu.

10.	2010	Sundaralingam K., TanushreeMahadani, Y K Singh, T K Biswal, V.Thirukumaran , (2010), Tectonic History of South Delhi Fold Belt, A Resemblance with Southern Granulite Terrane and East African Orogen. 7th International Symposium on Gondwana to Asia: Evolution of Asia and its continental margin held in Qingdao, Edited by Santosh M., Guowei Zhang, Sanzhong Li, IAGR, Conference Series 9, 70-71.
11.	2010	T. K. Biswal, V. Thirukumaran , KrishanuBandyopadhyay and Mary S. Biswal The Salem-Attur Shear Zone is a Low Angle Thrust: A New Kinematic Interpretation from East of Salem, Tamil Nadu International Conference on "Tectonics of the Indian Subcontinent (TOIS), Mumbai, India, Edited by T.K.Biswal, H.S.Pandalai, KanchanPande, ShilpaPatilPillai IAGR, Conference Series 5,179
12.	2009.	Thirukumaran, V. , Biswal, T. K., Sundaralingam, K. and Karthikeyan, K Structure and petrology of western Kanjamalai Salem district and an attempt on simulating real field condition with DEM - National Symposium on Geological Processes, Mineral and Fossil fuel Exploration, Golden Jubilee Celebrations of Mineralogical Society of India & UGC National Symposium on Environmental Geology- OrganisedBy Dept. of Geology, Anna University, Chennai-600025, 26-28, November 2009.
13.	2008.	Biswal, T. K., Thirukumaran, V. , KrishanuBandyopadhyay, and Mary. The Salem - Attur shear zone is a low angle thrust: A new kinematic interpretation from east of Salem, Tamil Nadu - International Conference on Textonics of Indian Subcontinent (TOIS) - International Association for Gondwana Research Series.5, March,2008 at IIT Bombay, pp.3-6.
14.	2007.	Thirumurugan, V, Rengarajan,R, Sridharan,V, Vijayakumar,N, Thirukumaran,V and Poomathi,M. Estimation of rainfall- recharge relationship of Atturtaluk, Salem district, Tamil Nadu by curve fitting using principles of least square method- National Seminar on Hydrocare 2007- Sponsored by DST, UGC and CSIR, New Delhi, Organised by Dept. of Earth Sciences, Annamalai University, Annamalai Nagar -608002, 22 & 23 march,2007.
15.	2007.	Thirumurugan, V, Sridharan, V, Thirukumaran, V Vijayakumar, N,,Rengarajan, R and Bhuvaneshwari, M.. Interactive geodynamic studies for rainfall- recharge of Salem taluk, Salem district, and Tamil Nadu- a geo-statistical approach - National Seminar on Hydrocare 2007- Sponsored by DST, UGC and CSIR, New Delhi, Organised by Dept. of Earth Sciences, Annamalai University, Annamalai Nagar - 608002, 22 & 23 March,2007.

16.	2007.	Vijayakumar, N., Gurugnanam, B., Rengarajan, R., Sridharan, V. Thirukumaran, V. Thirumurugan, V.andNagarajan. A. Buffered and non-buffered zones groundwater quality studies in and around Godumalai shear zone area of Salem district - National Seminar on Hydrocare 2007- Sponsored by DST, UGC and CSIR, New Delhi, Organised by Dept. of Earth Sciences, Annamalai University, Annamalai Nagar -608002, 22 & 23 March,2007.
17.	2003.	Thirukumaran, V., andManivel, M. Fluoride hazard zonation mapping of Tiruchirappalli district, Tamil Nadu using remote sensing - National Conference on balancing competing water uses and management, sponsored by AICTE, New Delhi, 27-29 March 2003, at Department of Geology, Bharathidasan University, Tiruchirapalli-24

PERSONAL ACHIEVEMENTS

1995 - University First rank holder in B.Sc., Geology- Madras University.

1996 - Government merit scholarship For excel in Education.

1997 - University First rank holder in M.Sc., Geology- Madras University.

1997 - Cromarty prize by Madras University.

2006-2012 NCC officer in the Rank of Lieutenant

2010- Trained 10 German Students from BONN University for geological field
In and around Salem.

2014- Acted as consulted Geologist for Kodaikanal Landslide Project by
Department of Science and Technology.

PARTICIPATION IN SPECIAL EVENTS:

1. Participated in INDO-GERMAN GRAND SCIENCE SLAM- conducted BY embassy of federal republic of Germany, New Delhi on 27th October 2012 at New Delhi.
2. Participated and worked as an ORGANIZING COMMITTEE MEMBER in Humboldt Kolleg and international conference on Recent trends in EARTH RESOURCES -THE ROAD TO THE FUTURE" - organized by

Alexander Von Humboldt foundation and Periyar University, Salem- 6th to 9th September 2011.

- Contributed as an Organizing committee member in the UGC sponsored workshop on “Recent Trend in EARTH SCIENCES’ -organized by the Department of Geology and Geography, Government Arts College, Salem-636007 held on 4th march 2011.

INVITED LECTURES

Title of the Invited Lecture/Paper presented	Title of Conference/ Seminar etc.	Organised by	Date of Presentation
Invited Lecture	3D printing of Lunar and Martian analogue rocks	Vikram Discussions PRL, Ahamadabad	05-01-2024
Invited Lecture	Shock effects in Certain rock forming minerals	National Society for Shock waves. PRL, Ahamadabad	16-02-2023
Invited Lecture	Targeting Crater	PRL, Ahamadabad	07-07-2022
Expert	Recent Advancement In Online /Remote Water Quality Monitoring Management Technologies	Indo-German Technology Centre(IGSTC) Anna University, Chennai	02-02-2016 To 04-02-2016
A Study on Cataclasite of Moyar-Bhavani- Salem-Attur Shear Zone Around Salem, Tamil Nadu.....Reactivation Tectonics	Recent Advancements In Earth Resources Research: The Road To The Future (Earth-Future)	Humboldt Kolleg and International Conference Department of Geology, Periyar University, Salem-11	7-9 September 2011
Evidences of Alkaline Magmatism InAttur Valley, Tamil Nadu, India	Recent Advancements In Earth Resources Research: The Road To	Humboldt Kolleg And International Conference	7-9 September 2011

	The Future (Earth-Future)	Department Of Geology, Periyar University, Salem-11	
Drainage Pattern Analysis And Their Implications With Reference To Salem Region, Tamil Nadu	Restoration of Local Water Bodies For Sustainable Economic Development: Recent Trends, Opportunities And Challenges	TANSCHE Sponsored Dept. of Geography Government Arts College, Salem-7	20-12-2018 To 21-12-2018
Geology Of Monuments And Temples	Aintinai- Interactions Between Science And Culture Perspectives From Sciences And Marine Archealogy	Dept of Industries And Earth Sciences and Dept of Maritime History And Marine Archealogy Tamil University, Tanjavur	20-03-2019
Geology and Structural of Springs In Western Kanjamalai	Environmental Impact on Earth Resources and Future Challenges	SERB-DST AND UGC New Delhi Sponsored. Dept. of Geology, Periyar University, Salem-7	23, 24 March 2016
A Remote Sensing Based Study on Geomorphologic Anomalies As Signatures of Neotectonism In Attur Valley, Tamil Nadu India	Disaster Mitigation And Management Towards Sustainable Development Dmsd-2015	Ministry of Earth Science And UGC Sponsored Dept. of Geology, Periyar University, Salem-11	16-17 April - 2015
Invited Speaker	Diaster Mitigation And Management Towards Sustainable Development Dmsd-2015	Ministry of Earth Science And UGC Sponsored. Dept. of Geology, Periyar University, Salem-11	16-17 April - 2015

Slope Failure Vulnerability Study On Kodai –Palani RoadGeospatial Techniques	Remote Sensing And GIS For Disaster Mitigation And Management Dm2-2015	UGC-SAP-DRS-I Centre For Remote Sensing, Bharathidasan University, Tiruchirappalli	13, 14 March 2015
Role of structures in detecting water resource with reference to Crystalline Terrain	Water Resource Development And Management Practices (Water-2013)	Ministry of Earth Sciences And UGC Sponsored Dept. of Geology, Periyar University, Salem-11	17-19- April - 2013
Natural Resource Mapping	Geospatial Technology	NRDMS-DST SPONSORED Dept .of Civil Eng. Jayam college of Engi. And Technology, Dharmapuri	28-30-June 2012
Digital Image Processing	Geospatial Technology	NRDMS-DST SPONSORED Dept .of Civil Eng. Jayam college of Engi. And Technology, Dharmapuri	28-30-June 2012
A Study on Geomorphologic Anomalies as A Signature of Neotectonism	Coastal Dynamics And Geomorphology	Indian Institute of Geomorphology Anna University	19 To 22 Octobar 2011
1.Remote Sensing And GIS Applications In Fold 2.Remote Sensing And GIS Applications In Faults And Joints	Applications Of Remote Sensing And GIS On Engineering Geology	Department of Civil Engineering, JCET, Dharmapuri	24-08-2011
Satellite Image Interpretation	Computer Applications In Modern Electronic Surveying (Cames-2011)	IIPC-AICTE Sponsered Jayam College Of Engineering And Technology, Dharmapuri	17&18 February 2011
An Integrated Study Of Airborne Magnetic And Resistivity Anomalies And Visually Interpreted	National Conference On Geomatics In Disaster Management (GEODM 2010)	The Jamsetji Tata Centre For Disaster	9,10 APRIL - 2010

Remotely Sensed Data Of Salem Region Tamil Nadu In Connection With Shear Zone And Neotectonic Zone Demarcation- National Conference On Geomatics In Disaster Management (GEODM2010)		Management, TISS, Mumbai	
Petrography And Analytical Study Of Cataclasites Of Moyar - Bhavani-Salem- Attur Shear Zone Around Salem, Tamil Nadu	Recent Trends In Geoscience Research (NACGEO 2010)	Department Of Earth Sciences, Annamali University, Annamalai Nagar	5, 6 March 2010
	National Level Training Programme On ' Geographic Information System (GIS) NTPGIS-2010	Industry Institute Partnership Cell (Sponsored By AICTE, New Delhi) Jayam College Of Engineering And Technology, Dharmapuri	03-03-2010 To 06-03-2010
	Geological Processes, Mineral And Fossil Fuel Exploration Golden Jubilee (1959-2009) Celebration Of Mineralogical Society Of India	UGC Sponsored Department Of Geology, Anna University, Chennai	26-28 November 2009
	National Workshop 'Natural Disaster Management Using Remote Sensing And GIS (NDMRSG-2009)	Department Of Civil Engineering, Jayam College Of Engineering, Dharmapuri	26-03-2009
	Recent Developments And Opportunities In Exploration Geology And Geoinformatics: An Industry - Academia Meet (EXPLORE G2-2007)	Department Of Geology, Periyar University, Salem-11	7-9 March - 2007

Fluoride Hazard Mapping Of Tiruchirappalli District, Tamil Nadu Using Remote Sensing	Balancing Competing Water Uses And Management	Department Of Geology, Bharathidasan University, Tiruchirappalli	27-29 March 2003
	Tamil Computing	Earth Science Forum (ESF) Periyar University, Salem-11	26-09-2014 & 10-10-2014
Basics Excerpt on Structural Geology And Tectonics	Special Lecture Series on ' Geomatics And Geochemistry' 9-13 October 2017	School of Marine Sciences, Dept. of OCAS Alagappa University,	11-10-2017 To 12-10 2017
Introduction to Geology	In service Training Programme For Secondary Grade Science Teachers	TANSCHE Sponsored. Government Arts College (Auto), Salem-7	25-29 November 2013
Historical Perspectives And Water Management Practices In India And Other Countries	Artificial Recharge And Watershed Management	Department Of Geology, Periyar University, Salem-11	06-08-2010
Analysis Of Waterlevel Fluctuation Of Salem- City Using ARIMA	Artificial Recharge And Watershed Management	Department Of Geology, Periyar University, Salem-11	06-08-2010

TRAINING PROGRAMMES ATTENDED:

Name of the Training Programme	Place	Duration of Training Programme
1. Orientation Course	Bharathiar University	26.04.2000 to 23.05.2000
2. Training Course	Mysore University	27.10.2003 to 25.11.2003
3. Training Course	Anna University	14.03.2005 to 01.04.2005
4. Refresher course	Bharathiar University	08.09.2005 to 28.09.2005
5. Refresher course	Bharathidasan University	10.11.2010 to 30.11.2010

6. Refresher course	BharathiarUniversity	09.11.201129.11.2011
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Membership of Professional Bodies, Societies etc.

Life Member of

1. Geological society of India
2. Mineralogical society of India
3. Indian society of Remote Sensing
4. Indian society of Geomatics
5. sgtsindia@googlegroups.com
6. National society of Shock waves

EXTRA CURRICULAR ACTIVITY

-
- “NCC”B certificate holder in senior division NCC
- **Associate ‘NCC’ officer-** achieved ‘A’ grading overall 11 rank at officer training academy (OTA) Kamptee, Nagpur.
- NCC- National Cadets Corps is the **largest youth organization in the world** with the enrolled members of 12, 00,000 youths
- Acted as care taker from 2006 to 2008 and from 2008 Feb. to Oct -2011 served as a **Commissioned Officer-at the rank of Lieutenant.**
- Looked after –Army Wing with 120 cadets and Air Wing with 30 cadets and imparting Basic Military training and leadership qualities
- Attended
 - Army Attachment Camp
 - National Integration Camp –lead the Tamil Nadu team to win over all first position.
 - One Basic Leadership Camp
 - One Combined Annual Training Camp
- Conducted
 - 4 social awareness rallies
 - One seminar on RTA- Rights to Information Act

- Two blood donation camps

One -trekking campaign to Yercaud -Shevaroyan hills - leading 200 Senior Division Boys and Senior women cadets.