

FACULTY PROFILE

Name	Dr. S. Selvakumar	
Designation	Assistant Professor	
Department	Applied Geology	
School	Engineering & Technology	
Date of holding present post	25/11/2024	
Date of Birth	15/07/1989	
	E-mail: ap_selvakumars@dhsgsu.edu.in geoselvas@gmail.com	Contact Address: Department of Applied Geology, Dr. Harisingh Gour University, (A Central University) Sagar- 470 003, Madhya Pradesh, India
	Mobile: 9751616732 Department https://dhsgsu.edu.in/index.php/e Website: g-faculty University https://dhsgsu.edu.in Website:	

Research Gate: https://www.researchgate.net/profile/S_Selvakumar2

Google Scholar: <https://scholar.google.com/citations?user=8ubi6jcAAAAJ>

EDUCATIONAL QUALIFICATION (UG ONWARDS):

- **UGC-DSKPDF.: *Earth and Space Sciences (2021-2024)***, Department of Environmental Sciences, University of Kerala, Thiruvananthapuram, India
- **Ph.D.: *Applied Geology (2018)***, Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India.
- **M.Sc.: *Applied Geology (2011)***, National College, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India
- **B.Sc.: *Geology (2009)***, National College, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India

FIELD OF SPECIALIZATION AND RESEARCH INTEREST:

Earth and Environmental Sciences: Hydrogeology, Groundwater quality and health risk, Groundwater contamination, Coastal aquifer vulnerability, Seawater intrusion, Isotopic signatures, Geospatial techniques, Multivariate statistics.

PROFESSIONAL CAREER PROFILE:

- **Assistant Professor-** Department of Applied Geology, Dr. Harisingh Gour University (A Central University), Sagar, Madhya Pradesh, India (November 2024 – Continue)
- **Post Doctoral Fellow-** Department of Department of Environmental Sciences, University of Kerala, Thiruvananthapuram, India (September 2021 – September 2024)
- **Assistant Professor (T) -** Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India (February 2018 – April 2021)

SCHOLARSHIPS / AWARDS / HONOURS:

- **UGC- Award:** Dr. D.S. Kothari Post-Doctoral Fellowship (DSKPDF). No.F.4-2/2006 (BSR)/ES/20-21/0010 (September 2021).
- **Best Researcher Award:** 12th International Scientist Awards 2020 on Engineering, Science and Medicine, Visakhapatnam, India (November 2020)
- **Elsevier Reviewer Recognition:** Groundwater for sustainable development (2018)
- **Certificate of Appreciation:** Manonmaniam Sundaranar University- Contribution made towards preparing the IIQA, submitting SSR for the NACC accreditation during 19th-21st, which enabled the University to secure an ‘A’ Grade (2018).
- **Certificate of Appreciation:** Implementing MOOCs at MSU as Mentor (2018-2019)
- **Junior research Fellowship-** Department of Science and Technology, Government of India sponsored a major Project: DST/WAR-W/WSI/10/2010 (Dec. 2011 – Feb. 2014)
- **University Rank:** M. Sc Applied Geology, Bharathidasan University, Tamil Nadu (2011)

LABORATORY RESPONSIBILITIES

- **Co-Officer In-charge-** Hydrology and Groundwater laboratory, Department of Applied Geology, Dr. Harisingh Gour University, Sagar, Madhya Pradesh, India
- **Co-Officer In-charge –** Photogeology and Remote Sensing laboratory, Department of Applied Geology, Dr. Harisingh Gour University, Sagar, Madhya Pradesh, India

ADMINISTRATIVE / ACADEMIC RESPONSIBILITIES

- **Expert-Preparation of Technical report:** Assessment of site suitability for celebrating Thamirabarani Pushkaram holy dip, Tirunelveli, work assigned by the district collector(2018)
- **Mentor:** Natural Hazards, NPTEL online, which enabled the University to Secure a Course-MHRD, Govt. of India (2018-2020)
- **Member:** Syllabus Revision for Post Graduate Course in Environmental Sciences in the Colleges Affiliated to University of Kerala, Thiruvananthapuram (Aug. 2022)
- **Co-Convener:** National Seminar on “Advanced Technologies for Groundwater” organized by Centre for Geotechnology, Manonmaniam Sundaranar University (11th Feb. 2020)
- **Co-Convener:** National Seminar on Sustainable Development and Management of Groundwater Resources” organized by Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli (01- 02 Feb. 2019)
- **Organizing Member:** National Seminar on “Recent Trends in Geosciences” organized by Centre for Geotechnology, Manonmaniam Sundaranar University (15-16 Feb. 2018)

EDITORIAL RESPONSIBILITIES

Reviewer in International Reputed Journals-Elsevier, Springer, Taylor& Francis, and Wiley)

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| • Science of the Total Environment | • Journal of African Earth science |
| • Water Resources and Industries | • Journal of Contaminant Hydrology |
| • Groundwater for Sustainable Development | • Natural Hazards |
| • Water Resources Management | • Arabian Journal of Geosciences |
| • Environmental pollution and health research | • Env. Science and Pollution Research |
| • Environment, Development and Sustainability | • Applied Water Science |
| • Environmental Monitoring and Assessment | • Frontiers of Env. Sci. and Engineering |
| • Int. Journal of Environmental Research | • Desalinization and water treatment |
| • Geocarto International | • Analytical Chemistry Letters |
| • Int. Journal of Env. Analytical Chemistry | • Environmental Quality Management |
| • Journal of Environmental and Public Health | • Journal of Coastal conservation |

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- International Association of Hydrological Sciences (IAHS)
- Estuarine and Coastal Sciences Association (ECSA)
- Association of Hydrologists of India (AHI)
- Indian Geophysical Union (IGU)
- Indian Science Congress Association (ISCA)
- International Water Association (IWA)

PUBLICATION QUALITY

- Research publications: **24** (*International reputed peer reviewed - Elsevier, Springer, T&F etc.*)
- Google Scholar Citation: **1295**
- H-Index: **13**
- (i10-Index: **18**)
- Cumulative Impact Factor: **76.5**
- Book Published (International): **2**
- Book Chapters (International): **1**
- Conference Proceedings (International & National): **3**
- Abstract Proceedings (International & National): **15**
- Research paper presentation (International & National): **10**
- Seminar/Conference/Workshop Participation (International & National): **33**

RESEARCH PAPER PUBLICATION IN PEER-REVIEWED INTERNATIONAL JOURNALS:

2025

1. A. Vijayakumar, G. Kumar, **S. Selvakumar*** (2025) Groundwater salinization and suitability assessment in the coastal aquifer of the Thiruvallur district, India. *Water Quality Research Journal (IWA)*. <https://doi.org/10.2166/wqrj.2024.30>. (IF - 2.4)
2. UP. Meghanad, V. Vasanthamohan, **S. Selvakumar*** (2025) Groundwater quality assessment for drinking and irrigation: a case study in the Cauvery River Basin (CRB) of Tiruchirappalli district, Tamil Nadu, India. *Water Quality Research Journal (IWA)*. <https://doi.org/10.2166/wqrj.2024.31>. (IF - 2.4)

2024

3. JB. Jibitha, AL. Achu, Sabu Joseph, S.P. Prasood, Jobin Thomas, **S. Selvakumar** (2024) Assessment of changes in land use/land cover and land surface temperature in a fast-growing urban agglomeration of Southern India. *Environment development and sustainability (Springer)* 1-30. <https://doi.org/10.1007/s10668-024-04494-9>. (IF - 4.9)
4. P. Vineetha, S. Sarun, **S. Selvakumar**, Reghunath Rajesh (2024) Geospatial based AHP analysis for habitat suitability of elephants and the effects of human elephant conflict in a tropical forest of Western Ghats in India. *European Journal of Wildlife Research (Springer)* 70 (4): 82. <https://doi.org/10.1007/s10344-024-01834-y>. (IF - 1.8)
5. S. Anbalagan, S. Krishnakumar, K. Kasilingam, **S. Selvakumar*** (2024) Evaluation of potential trace element contamination and ecological risks of beach sediments, Andaman and Nicobar Archipelago, India. *Total Environment Advances (Elsevier)* 9: 200091. <https://doi.org/10.1016/j.teadva.2023.200091>.

2023

6. **S. Selvakumar***, N. Chandrasekar, Y. Srinivas, S. Selvam, S. Kaliraj, NS. Magesh, S. Venkatramanan (2023). Hydrogeochemical processes controlling the groundwater salinity in the coastal aquifers of Southern Tamil Nadu, India. *Marine Pollution Bulletin (Elsevier)* 174, 113264. <https://doi.org/10.1016/j.marpolbul.2021.113264>. (IF- 5.8)
7. R. Lakshmi, Sabu Joseph, **S. Selvakumar** (2023) Appraisal of groundwater quality for drinking and irrigational purposes in Kabani River basin, Kerala, India. *Environmental Pollution, Health & Sustainability*. 978-93-5996-849-0:1, 62-66.
8. **S. Selvakumar**, Sabu Joseph, N. Chandrasekar (2023) Coastal aquifer vulnerability for seawater intrusion in the Southern coast of Tamil Nadu, India. *Environmental Pollution, Health & Sustainability*. 978-93-5996-849-0: 1, 123-126.
9. R. Anjali, S. Krishnakumar, C. Thivya, K. Kasilingam, **S. Selvakumar**(2023) Assessment of mine water quality for domestic and irrigation purposes, Neyveli coal mine region, Southern India. *Total Environment Research Themes (Elsevier)*. <https://doi.org/10.1016/j.totert.2023.100047>

2022

10. Anurani GR, Sabu Joseph, **S. Selvakumar** (2022). Seasonal and geological controls of radon (²²²Rn) in groundwater of Vamanapuram river basin, SW India. *Geocarto International (Taylor & Francis)* 37 (27); 18448-18473. <https://doi.org/10.1080/10106049.2022.2142961> (IF-4.8)
11. **S. Selvakumar***, Sabu Joseph, Sampath G, Selvam S, Ramsha Khan, Saurabh Shukla (2022) Appraisal of groundwater quality for drinking and irrigation suitability using multivariate statistical approach in a rapidly developing urban area, Tirunelveli, India. *Environmental Science and Pollution Research (Springer)*. <https://doi.org/10.1007/s11356-022-23533-4>. (IF-5.8)

2021

12. Shipika Sundriyal, Uday Bhan, **S. Selvakumar**, Rajesh Singh, D. P. Dobhal (2021) Two Decadal Changes in the Major Ions Chemistry of Melt Water Draining from Dokriani Glacier, Central Himalaya, India. *Journal Geological Society of India (Springer)* v.97. pp.1-7. <https://doi.org/10.1007/s12594-021-1682-6>. (IF- 1.4)

2020

13. S. Kaliraj, N. Chandrasekar, K. Ramachandran, **S. Selvakumar** (2020) Seawater intrusion vulnerability in the coastal aquifers of Southern India - an appraisal of GALDIT model, parameters sensitivity and hydrochemical indicators. *Environmental Science and Pollution Research (Springer)*, 26 (10), 9755-9784. <https://doi.org/10.1007/s11356-019-04401-0> (IF- 5.8)

2019

14. Prabhakaran, N. Jawahar Raj, V. Deneshkumar, **S. Selvakumar*** (2019) Groundwater Quality Assessment in Pachamalai hills, Tamil Nadu, India; Using GIS and Multivariate Statistical Techniques. *Journal of Information and Computational Science (Scopus)* 9(11):1257-1270. (IF- 6.2)

2018

15. **S. Selvakumar***, N. Chandrasekar, N.S. Magesh, S. Kaliraj (2018). Salinization of shallow aquifer in the Karamaniyar river basin, Southern India. *Environment development and sustainability-(Springer)*. 20 (3), 1255-1273. <https://doi.org/10.1007/s10668-017-9937-5> (IF- 4.9)

2017

16. **S. Selvakumar***, G. Ramkumar, N. Chandrasekar, N.S. Magesh, S. Kaliraj (2017) Groundwater quality and its suitability for drinking and irrigational use in the Southern Tiruchirappalli district, Tamil Nadu, India, *Applied Water Science, (Springer)* 7 (1), 411-420. <https://doi.org/10.1007/s13201-014-0256-9> (IF- 5.7)
17. **S. Selvakumar***, N. Chandrasekar, G. Kumar (2017). Hydrogeochemical characteristics and groundwater contamination in the rapid urban development areas of Coimbatore, India. *Water Resources and Industry (Elsevier)*. 17, 26-33. <https://doi.org/10.1016/j.wri.2017.02.002> (IF- 5.1)

2016

18. S. Krishnakumar, S. Hari babu, P. Eswar Rao, **S. Selvakumar**, C. Divya, S. Muralidharan, G. Jeyabal (2016) Evaluation of water quality and hydrogeochemistry of surface and groundwater, Tiruvallur district, Tamil Nadu, India, *Applied Water Science, (Springer)* 7 (5), 2533-2544. <https://doi.org/10.1007/s13201-016-0447-7> (IF- 5.7)
19. T. Simon Peter, N. Chandrasekar, J.S John Wilson, **S. Selvakumar**, S. Krishnakumar, N.S. Magesh (2016) A baseline record of trace elements concentration along the beach placer mining areas of Kanyakumari coast, South India. *Marine Pollution Bulletin (Elsevier)* 119 (1), 416-422. <https://doi.org/10.1016/j.marpolbul.2017.03.040> (IF- 5.8)

2015

20. S. Kaliraj, N. Chandrasekar, **S. Selvakumar**, T. Simon Peter, N.S. Magesh (2015) Mapping of coastal aquifer vulnerable zone in the southwest coast of Kanyakumari, South India, using GIS-based DRASTIC model. *Environmental Monitoring and Assessment (Springer)* 187: 4073. <https://doi.org/10.1007/s10661-014-4073-2>. (IF- 3.3)
21. **S. Selvakumar***, N. Chandrasekar, Y. Srinivas, T. Simon Peter, N.S. Magesh (2014) Evaluation of the groundwater quality along coastal stretch between Vembar and Taruvaikulam, Tamil Nadu, India: a statistical approach, *Journal of Coastal Sciences*, 1 (1): 22-26.

22. T. Simon Peter, N. Chandrasekar, **S. Selvakumar**, S. Kaliraj, N.S. Magesh, Y. Srinivas (2014) Tidal effects on estuarine water quality through a sandy marine beach: a case study in Vembar estuary, southeast coast of Tamil Nadu, India, *Journal of Coastal Sciences*,1(1): 6-14.

2014

23. **S. Selvakumar***, N. Chandrasekar and N.S. Magesh (2014) Preliminary Investigation of Groundwater Quality along the Coastal Aquifers of Southern Tamil Nadu Using GIS Techniques, *Bonfring International Journal of Industrial Engineering and Management Science*, 2 (1): 46-52. (IF-0.541)
24. N. Chandrasekar, **S. Selvakumar***, Y. Srinivas, J. S. John Wilson, T. Simon Peter, N. S. Magesh (2014) Hydrogeochemical assessment of groundwater quality along the coastal aquifers of southern Tamil Nadu, India, *Environmental Earth Sciences (Springer)*, 71(11): 4739-4750. <https://doi.org/10.1007/s12665-013-2864-3> (IF- 3.2)

BOOK / BOOK CHAPTER PUBLISHED

1. **S. Selvakumar**, N. Chandrasekar, Sabu Joseph (2023) Hydrogeochemical Indicators of Seawater Intrusion. Lambert Academic Publishing. ISBN: 978-620-6-16733-4
2. **S. Selvakumar**, N. Chandrasekar, Sabu Joseph (2021) *Hydrochemical characteristics and Human Health Risk*. Lambert Academic Publishing. ISBN: 978-620-4-71534-6.
3. **S. Selvakumar** and N. Chandrasekar (2020) Impacts of Beach Placer Mineral Mining in the Shallow Coastal Aquifers of Southern Tamil Nadu coast, India. *Water Science and Sustainability (Springer International Publishing)*. ISBN 978-3-030-57488-8.

RESEARCH PAPER PRESENTATION IN NATIONAL AND INTERNATIONAL CONFERENCE/ SEMINAR

1. “Coastal aquifer vulnerability for seawater intrusion in the Southern Coast of Tamil Nadu, India”. ***International conference on Environmental Pollution and Health: Governance for a Sustainable Future (ICEGSF- 2023)*** organized by the Department of Environmental sciences, University of Kerala, Thiruvananthapuram. 22-24 November 2023.
2. “Evaluation of heavy metal accumulation and carbon stock estimation in the Blue carbon ecosystem of Ashtamudi Lake, Kerala, India”. ***National Seminar on Marine Pollution and Ecological Degradation- MPAED***. Malankara Catholic College, Kanyakumari. 27-29 July 2022
3. “Hydrogeochemical indicators of seawater intrusion in the coastal aquifer of Southern Tamil Nadu, India”. ***National Seminar on “Recent Trends in Geosciences (RTG-2018)”*** held on 15th and 16th February 2018, at Manonmaniam Sundaranar University.
4. “Geospatial and Geostatistical techniques to evaluate groundwater salinity and its sources in the coastal aquifer of Southern Tamil Nadu, India”. An international satellite symposium on integrated water resource management under the ***International conference on “Environmental Sustainability for Food Security” (ENFOSE-2016)*** was held at Sri Ayyappa College, Kanyakumari, 22-24 September 2016.
5. “Geochemical processes controlling groundwater salinization in a coastal aquifer of Southern Tamil Nadu: Identification of Natural and Anthropogenic influences” in ***National Geo-Research Scholars Meet 2016 (NGRSM)*** at Wadia Institute of Himalayan Geology, Dehradun, during June 1-14, 2016.
6. “Hydrogeochemical assessment of groundwater quality and its suitability for drinking and irrigational use of Southern Tiruchirappalli, Tamil Nadu, India in the UGC Sponsored two days ***National Seminar on Groundwater Recent Developments and Environmental Issues***

- (**GWRDE-2014**) Organized by Centre for Geotechnology, Manon. Sundaranar University, Tirunelveli, 26-27 September 2014.
7. “Groundwater quality assessment in Pachamalai hills by using GIS and multivariate statistical techniques” in the **National Seminar on Sustainable Development and Management of Groundwater Resources (SDMGR-2019)** Organized by Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, 01- 02 February 2019.
 8. “Preliminary investigation of groundwater quality along the coastal aquifers of southern Tamil Nadu using GIS techniques” in the UGC Sponsored two days **National Seminar on Geospatial Technology** Development in Natural Resource and Disaster Management (SGSDNDM – 2012) Organized by Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, 23-24 February 2012.
 9. ‘Groundwater quality problems in and around Tannery industries in Tiruchirappalli district, Tamil Nadu’ in three days **International conference** on Geomorphological hazard at Kanyakumari, Tamil Nadu, on 12-15 November 2010.
 10. “Hydrogeochemical characterization of shallow coastal aquifer of coastal placer mining areas in southern Tamil Nadu in the 30th and 31st **AHI National seminar on “Hydrology”, HYDROCARE 2012 @ GRI-DU. 11th 12th December, 2012.** Organized by Association of Hydrologist of India (AHI) and Centre for Applied Geology, Gandhigram Rural Institute-Deemed University, Dindigul Dt, Tamil Nadu.

SEMINAR / CONFERENCE / WORKSHOP: Participated/Attended

1. National seminar on “**Onsite Grey Water Treatment & Reuse systems**” organized by CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, funded by Department of Water Resources, River Development & Ganga Rejuvenation, **Ministry of Jal Shakti, Government of India** on March 20-22, 2024.
2. SERB & BRNS Sponsored National Level Workshop on “**Climate Change Impacts on Groundwater Quality and Human Health Risks: Present Status and Future Challenges (CLIMWAT 2022)**” organized by Department of Civil Engineering, Sri Shakthi Institute of Engineering and Technology, Coimbatore, Tamil Nadu on during 14 - 16 September 2022.
3. National level workshop on “**Syllabus Revision for Post Graduate Course in Environmental Sciences**” in the Colleges Affiliated to the University of Kerala, Thiruvananthapuram, on 11-12 August 2022.
4. FDP on “**Water Resources Engineering**” jointly organized by the Department of Civil Engineering & Internal Quality Assurance Cell (IQAC) from 17th to 23rd December 2020.
5. Advance in SAR-Polarimetry & Interferometry” conducted by Indian **Institute of Remote Sensing (IIRS), ISRO, Dehradun** during 14-12-2020 to 18-12-2020
6. International Conference on **Paleo-climate Changes (ICPC-2020)** on virtual platform organized by school of civil engineering (SCE), Vellore Institute of Technology, Chennai, India/ July 09-10, 2020.
7. International Seminar on “**Trends in Urban Planning, Environment and Health Management using GIS**” organized by Department of Civil Engineering, **Karunya University**, Coimbatore, Tamil Nadu on 9th November 2016.
8. International Workshop on “**Hydrogeological and aquifer characterization tests**” Organized by Science and Engineering Research Board, Department of Science and Technology Government of India and Department of Geology, **Anna University**, Chennai, India. 18-21 November 2013.

9. International Workshop on “**Geomorphological Hazards**” organized by Centre for Geotechnology, Manonmaniam Sundaranar University held on 21st to 23rd July 2010 at Kanyakumari, Tamil Nadu, India
10. International online conference on “**Current Priorities and challenges in Earth and Environmental sciences (CPCEES- 2020)**” organized by Department of Geology, Periyar university, Tamil Nadu, India during June 15th – 19th, 2020.
11. National Workshop on ‘**Popularization of Remote Sensing Based Maps and Geospatial Information**’ organized by Indian Society of Remote Sensing (ISRS) and Indian Space Research Organization (ISRO) on the eve of National Remote Sensing Day on August 11, 2017.
12. National level Workshop on “**Multiphase Approaches on Assessment and Sustainable Management of Stressed Coastal Aquifers**” organized by Department of Earth Sciences, Pondicherry University, Pondicherry, from 18th to 22nd May, 2016.
13. National Workshop on “**Geospatial Technology in Coastal studies**” organized by Department Oceanography and coastal area studies, school of Marine sciences, Alagappa University, Thondi campus, Tamil Nadu, India. On 12 & 13th February 2016.
14. Workshop on **MOOCs through SWAYAM** organized by Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu on 19th November 2018.
15. **Image processing and GIS techniques in Geology**”, Organized by PG & Research Department of Geology, National College, Tiruchirappalli, Tamil Nadu. 2nd&3rd August 2013.
16. **Advanced Techniques in Groundwater Resources Management**” organized by Centre for Water Resources Development and Management CWRDM), Kozhikode, Kerala on July3, 2020.
17. National level conference on “தமிழ்ச்செவ்வியல்இலக்கியங்களில்காணலாகும்பேரிடர்மேலாண்மைச்சிந்தனைகள்” organized by department of Industries and Earth Science, Tamil University, Thanjavur, Tamil Nadu on 10th and 11th February 2011.
18. National Seminar on “The **Dynamic Earth and its Far Environment-Issues and Challenges ahead**” sponsored by Indian Institute of Geomagnetism, DST, Govt. of India and organized by Centre for Geotechnology, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu on 13th July 2016.
19. National Conference on “**Lemuria Continent**” organized by Manonmaniam Sundaranar University, Tamil Nadu on 21st December 2017.
20. Workshop on “**Career Guidance**”, organized by Department of Criminology and Criminal Justice, Manonmaniam Sundaranar University, Tirunelveli on 13-14 March 2017.
21. Science academics sponsored two days lecture workshop on **Developments in Chemistry** held on July 05 & 06, 2018.
22. National level Workshop on “**Art of Writing Bibliography based on Mendeley Reference Manager**”, Organized by Perunthalaivar Kamarajar Library, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu on 30th March 2016.
23. Twenty Second Session of the **Tamil Nadu HistoryCongress** held at Department of History, Manonmaniam Sundaranar University, Tirunelveli on 2-4 October 2015.
24. Faculty Development Series IV: **Funding Opportunities and Proposals for DST**, Organized by Curriculum Development Cell, Manonmaniam Sundaranar University, Tirunelveli, held on 4th April 2014.
25. National Seminar on “**Emerging Trends in Pharmaceutical Chemistry (ETPC-2012)**” organized by Department of Pharmaceutical chemistry, Manonmaniam Sundaranar University, Tirunelveli on 20th April 2012.

26. Workshop on **“Environmental Protection”** organized jointly by Public Works Department (WRO-Environmental Cell Division, Coimbatore- Government of Tamil Nadu) and National College, Tiruchirappalli, Tamil Nadu. 24th December 2010.
27. Workshop on **“Science of Yoga”** Organized by Centre for special and movement education under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST) an MHRD Project, Govt. of India held at Manonmaniam Sundaranar University, Tirunelveli on 14th September 2019.
28. National Level webinar on **“Online Tools for Teachers and Teaching”** organized by Sri Gayathri College of Education, Salem on 06.06.2020.
29. Webinar on **“Online Tools for Teachers and Administrators”** Organized by Centre for special and movement education under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST) an MHRD Project, Govt. of India held at Manonmaniam Sundaranar University, Tirunelveli on 27th June 2020.
30. Workshop on **“Neurophysiological Basis of Human Movement”** Organized by Centre for special and movement education under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST) and MHRD Project, Govt. of India held at Manonmaniam Sundaranar University, Tirunelveli on 21st September 2019.
31. **National Level Bio Q Fiesta-2020** organized by Department of Biotechnology, Arulmigu Pannirupidi Ayyan College of Arts and Science, Tamil Nadu on 15th July 2020.
32. **Science Exhibition-2019** Organized by Innovative Business Incubation Centre, Manonmaniam Sundaranar University, Tirunelveli on 23rd & 24th October 2019.
33. National Workshop on “Korgai - Authoor Archaeological Site” Organized by the Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli, on 19th December 2019.

INVITED TALK DELIVERED

1. Resource person and delivered a lecture on the topic “Awareness and Importance of Geosciences” **UGC Lecture Programme**, organized by V.H.N. Senthilkumara Nadar College, Virudhunagar on 18.07.2019.
2. Resource person and delivered lecture on the topic “People and Environmental “in the **UGC-NET/JRF programme**, organized by Department of Physical Education and Sports, Manonmaniam University, Tirunelveli- December 12, 2018
3. Resource person in the **NSS camp** to delivered a lecture on “Awareness and Importance of Water Resources” organized by M.D.T Hindu College, Tirunelveli- Sept. 20, 2018
4. Resource person in **the Journal club** to delivered a lecture on “Research methodology and How to write research proposal” organized by Department of Psychology, Manonmaniam Sundaranar University, Tirunelveli- March 16, 2018
5. Resource person for refresher course to **Government School Headmasters** in Tirunelveli District, organized by Sri Muppudathi Amman College of Education, Tirunelveli and **Education of Tamil Nadu Government**, February 22-25, 2017.