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Current Position

Designation : Assistant Professor (UAP)
Vice-President of Department Association
Institution : Department of Geology, National College, Tiruchirappalli
Period : August 2022 to Present

Qualification

1. Doctor of Philosophy

Institution : Department of Geology, University of Madras, Chennai
Thesis Submitted on : April, 2018
Awarded on : January, 2020
Ph.D Thesis Title : Hydrogeochemistry of Groundwater in Pungar Sub-Basin, Karur District, Tamilnadu, India

2. Master of Science in Applied Geology

Institution : Department of Geology, National College, Tiruchirappalli
Year of Passing : 2013
Percentage : 80%
M.Sc Dissertation Title: Ground Water Exploration through Vertical Electrical Sounding Method Near K.K Nagar Tiruchirappalli

Software Proficiency

MS Office, Surfer- 11 and Arc GIS -10.3

Teaching Experiences

1. Assistant Professor (Management Staff)

Institution : Department of Geology, A.D.M College for Women, Nagapattianam
Period : July 2019 to March 2021
Classes Taken for : UG

2. Assistant Professor (Management Staff)

Institution : Department of Geology, National College, Tiruchirappalli
Period : July 2018 to April 2019
Classes Taken for : UG and PG

3. I have taken classes for PG, in the Department of Applied Geology, University of Madras, Chennai, during my course of Ph.D.

4. Guest Faculty

Institution : Department of Geology, Alagappa Govt. Arts and Science College, Karaikudi
Period : July 2013 to November 2013
Classes Taken for : UG and PG

Research Experience

1. Junior Research Fellow

Funder : DAE-BRNS
Project Title : Spatial distribution of uranium and other water quality parameters in Salem, Namakkal, Karur and Tiruchirappalli”.

Field Experiences

- ❖ Field Training on “Geological mapping in Ayan Karisalkulam area, Tuticorin District, Tamilnadu” Conducted by Government of India, GSI, State Unit, Tamilnadu and Puducherry during 4th to 8th February, 2019.
- ❖ Resistivity survey in K.K Nagar Trichy to know the subsurface geology of the area.
- ❖ 5 days field work during Under Graduate at Ariyalur, Salem and Oothagamandalam.
- ❖ Participated in mapping camps during Post Graduate at Manapparai, Chundaikkanpatti, Rettakaradu and Amyapuram by Department of Geology, National College, Trichy.

Workshops/ Seminars/ Training programmes/ Conferences participated and papers presented

1. Participated in the Seven-Day Faculty Development Programme titled “Exploring Innovation in Personal and Institutional Development” held during 5th to 12th June 2023, at National College, Trichy.
2. Participated in the One-Day Workshop on “NAAC-Overview & Functioning” at A.D.M. College for Women, Ngapattinam, held on 15th February 2020.
3. Participated in the Two-Day Training Programme on “English and Classroom Management” conducted by Jade Training Resources, Bangalore at A.D.M. College for Women, Ngapattinam, during 13th & 14th August 2019.
4. Participated in the UGC-CPEPA Workshop on “Mangrove Ecosystem” organized by Department of Applied Geology, University of Madras, Chennai-25, held on 24th March 2017.
5. National Training Programme on “Techniques in Environmental Geochemistry” Organised by Department of Earth Sciences, Annamalai University, Tamilnadu, during 25th and 26th October, 2016.
6. Paper presented on “Hydrogeochemical and Trace metal Assessment on Groundwater/drinking water quality in pungar sub-basin, Karur district, Tamilnadu, India. Organized by Centre for Water Resources, Institute of Science and Technology, JNTU Hyderabad during October 5-7, 2016 in collaboration with Association of Global Groundwater Scientists, Coimbatore.
7. Paper presented on “Hydrogeochemical Assessment of Groundwater Quality in Pungar sub-basin, Karur District, Tamilnadu. In the 5th International Conference on Future Earth Perspectives in South Asia. Organized by Department of Geography, Bharathidasan University, Tiruchirappalli during 5th to 7th February 2016.
8. Paper presented on “Geochemical Assessment of Groundwater Quality around Kancheepuram District, Tamilnadu, India. In the International Conference on IGWC- 2015 during 11th -13th

- February 2016. Organized by the Department of Civil Engineering, Faculty of Engineering and Technology, SRM University, Kattankulathur, Tamilnadu, India in association with Association of Global Groundwater Scientists.
9. Work shop on “Becoming Emotionally Competent” Organized and held at Dean of Students Office, University of Madras, Guindy campus, Chennai -25 on 29th February 2016.
 10. Paper presented on “Trace Metals in Groundwater/Drinking water, Pungar Sub-basin, Karur District, Tamilnadu, India”. In the National Seminar on Groundwater and Coastal Aquifers Organized and held at Department of Applied Geology, University of Madras, Guindy campus, Chennai - 25 on 9th to 10th March 2016.
 11. One day workshop on “Ion Chromatography and it’s Applications on Earth Sciences” held on 13th August 2015, Conducted by Department of Applied Geology, University of Madras, Guindy campus, Chennai – 600025.
 12. One day workshop on “Atomic Absorption Spectrometer and it’s applications on Earth Sciences” held on 31st July 2015, Conducted by Department of Applied Geology University of Madras, Guindy campus, Chennai – 600025.
 13. Participated and presented a paper entitled “Assessment of groundwater quality in Pungar Sub-basin, Tamilnadu with special reference to Spatial distribution of Uranium in Drinking water/Groundwater” In the Intra-Departmental Seminar entitled “Recent Trends in Earth Sciences” Organized by Department of Applied Geology, University of Madras, Chennai, on 13th November 2015.
 14. Training programme on “Geospatial Technology – Significance, Application and Beyond” held from 4th to 24th September, 2014, Organized by Department of Earth sciences, Annamalai University, Chidambaram, Tamilnadu. Funded by DST – NRDMS.
 15. Training Course on “Sustainable Development and Management of Ground Water Resources Tier-II” held from 10th to 14th November, 2014, Organised by Central Groundwater Board, South Eastern Coastal Region, Chennai, Tamilnadu. Under the aegis of Ministry of Water Resources, Rajiv Gandhi National Ground Water Training & Research Institute, Raipur, India.
 16. Two weeks Technology Transfer Training Program on “Essential of Groundwater Quality and Analytical Techniques” held from 10th to 23rd December, 2014. Organized by School of Earth and Atmospheric Sciences, Department of Applied Geology, University of Madras, Chennai, Tamilnadu, India.
 17. National Conference entitled “ Climate Change Impacts and Coastal Area Management” during 27th and 28th February, 2015, Organized by School of Earth and Atmospheric Sciences, Department of Applied Geology, University of Madras, Chennai, Tamilnadu, India. Funded by Department of Science and Technology (DST), Government of India.
 18. UGC Sponsored Interaction Programme on “Research Methodology” held from 06.02.2015 to 26.02.2015. Organized by UGC Academic Staff College, University of Madras, Chennai.

Research Publications

1. Sridhar, S. G. D., Sakthivel, A. M., Sangunathan, U., Balasubramanian, M., **Jenefer, S.**, Rafik, M. M., & Kanagaraj, G. (2017). Heavy metal concentration in groundwater from Besant Nagar to Sathankuppam, South Chennai, Tamil Nadu, India. *Applied Water Science, Springer*, V. 7(8), pp.4651-4662.
2. Sridhar, S.G.D., Balasubraminan, M., **Jenefer, S.**, Shanmugapriya, P., Naveenkumar, R. and Raganath, P. (2017). Assessment of groundwater quality in Different parts of Thiruvallur District of Tamilnadu, Southern India. *Journal of Academia and Industrial Research*, V.5(11), pp.161-164
3. **Jenefer, S.**, Sridhar, S.G.D., Sangunathan, U., Balasubramanian, M. and Sakthivel, A.M. (2016). Trace Metals in Groundwater/drinking water, Pungar sub-basin, Karur District, Tamilnadu, India. *EnviroGeoChimicaActa Journal*, V.3(1), pp.43-51.
4. Sakthivel, A.M., Sridhar, S.G.D., Balasubramanian, M., **Jenefer. S.** and Sangunathan, U. (2016). Evaluating Quality of Groundwater for Drinking and Irrigational Purposes, South Chennai Coastal Aquifer, Tamil Nadu, India. *EnviroGeoChimica Acta Journal*, V.1(2), pp.32-42.

Personal details

Father's Name : S. Sebastian
Date of Birth : 29th July 1991
Marital Status : Married
Religion : Christian
Languages Known : Tamil and English

Declaration

I hereby declare that all the particulars given above are true to the best of my Knowledge.

Dr. S. Jenefer