


THAMIRABHARANI ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Chathirampudukulam, Chidambaranagar - Vepemkulam Road
Thatchanallur, Tirunelveli 627 358, Tamil Nadu.

FACULTY PROFILE

PERSONAL DETAILS			
Name & Qualification	Mr. V. RAJA M.Sc.		
Designation	Assistant Professor of Chemistry		
Department	Science and Humanities		
Total Teaching Experience	6 months		
Total Research Experience	2 Years		
Total Industry Experience	Nil		
Area of Specialization	Waste water Treatment, Water quality assessments, Groundwater modeling		
Email ID	rajav@tec-edu.in		
EDUCATION DETAILS			
Degree	Branch/ Specialization	University	Year
UG	Chemistry	Manonmaniam Sundaranar University, Tirunelveli	2013
PG	Chemistry	Manonmaniam Sundaranar University, Tirunelveli	2015
Ph.D	Chemistry	Anna University, Chennai	Thesis Submitted
RESEARCH / PUBLICATION DETAILS			
Publications in Journal			

1. V Raja, RV Lakshmi, CP Sekar, S Chidambaram, MA Neelakantan, Health risk assessment of heavy metals in groundwater of industrial township Virudhunagar, Tamil Nadu, India. Archives of environmental contamination and toxicology, 2021, 80 (1), 144-163.
2. V Raja, MA Neelakantan, Evaluation of groundwater quality with health risk assessment of fluoride and nitrate in Virudhunagar district, Tamil Nadu, India. Arabian Journal of Geosciences 14 (1), 1-18.
3. V Raja, MA Neelakantan, Pollution and noncarcinogenic health risk levels of nitrate and fluoride in groundwater of Ramanathapuram district, Tamil Nadu, India. International Journal of Environmental Analytical Chemistry, 2021, 1-16.
4. V Raja, SK Sahoo, K Sreekumar, MA Neelakantan, High background radiation places and spatial distribution of uranium in groundwater of monazite placer deposit in Kanniyakumari district, Tamil Nadu, India. Journal of Radioanalytical and Nuclear Chemistry, 2021, 328 (3), 925-939
5. V Raja, MA Neelakantan, Spatial interpretation, radiological mapping of background gamma radiation and risk evaluation for Southern regions of Tamil Nadu, India. Environmental Forensics, 2022, 1-9.
6. V Raja, MA Neelakantan, Application of GIS technique to address the uranium contamination in groundwater of a hard rock aquifer, South India. Geocarto International, 2022, 1-15.
7. V Raja, MA Neelakantan, Toxic uranium contamination in groundwater of Thoothukudi district, India: Evaluation of health risks using the geochemical and statistical approach. Toxin Reviews, 2022, 1-16.

Conference Proceedings

1. Raja, V, Mariappan, SS & Neelakantan MA 2017, 'Spatial distribution of uranium and other physico-chemical parameters in ground water along with gamma radiation level in Kanyakumari district', National conference on Emerging Trends in Environmental Research (NCETER-17) on 22nd July 2017, Department of Physics, SSN college of Engineering, Kalavakkam, Chennai.
2. Raja, V, Mariappan, SS, Neelakantan MA, Sunil Kumar Sahoo & Sreekumar, K 2018, 'Spatial distribution of uranium and associated water quality parameters in Virudhunagar district of Tamilnadu', Twentieth National Symposium on Environment (NSE-20) on 13-15 December, 2018, Discipline of Earth Sciences, IIT Gandhinagar, Gujarat.

Books / Chapters Published

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Fund Received				
Sl. No.	Sponsored Agency	Title of the Project	Period	Amount
-	-	-	-	-
-				
Patent Applied / Published / Granted				
-				
CITATIONS	56			
H-INDEX	4			
RESEARCH GUIDANCE DETAILS				
Sl. No.	University	Supervisor ID / Reference		
-	-	-		
PROFESSIONAL SOCIETY MEMBERSHIP DETAILS				
Sl. No.	Professional Society Name	Member ID		
1.	International association of engineers (IAENG)	330154		
2.	-	-		
3.	-	-		
FACULTY DEVELOPMENT PROGRAMME(FDP) ATTENDED / ORGANIZED				
Sl. No.	Name of the FDP	Name and address of the venue	Year	
1.	-	-	-	
2.	-	-	-	
3.	-	-	-	

4.	-	-	-
5.	-	-	-
6.	-	-	-
7.	-	-	-
8.	-	-	-
9.	-	-	-
10.	-	-	-
11.	-	-	-
12.	-	-	-
13.	-	-	-

ADDITIONAL RESPONSIBILITIES

Sl. No.	Responsibilities	Description	Year
1.	-	-	-
2.	-	-	-
3.	-	-	-

AWARDS / ACHIEVEMENTS

Sl. No.	Awards/ Achievements	Description	Year
1.	-	-	-