



Dr. A.Valarmathi

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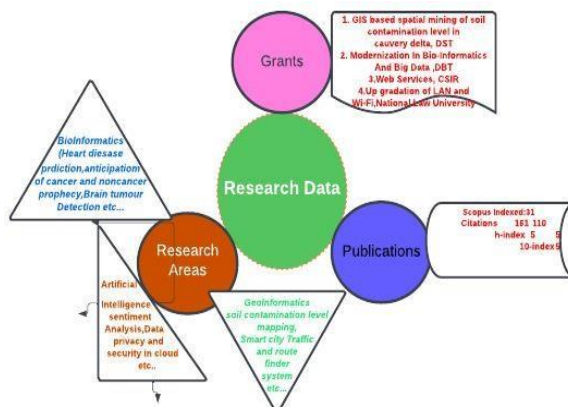


Profile

Dr. A.Valarmathi is currently working as an Assistant Professor in MCA department, UCE-BIT campus , Tiruchirappalli(a constituent college of Anna University , Chennai)since December 2009. She did her Under Graduation in computer science, Post-Graduation in Computer Applications, and Wireless networks for her Doctoral degree from Anna University, Chennai in 2013. She has been the faculty for more than 15 years and the Centre for Technology in Traditional Medicine (CTTM) Research Group is another forum in which she is actively involved.

Research and experience

In her capacity as a Research supervisor, Anna University, Chennai, She served as a Research Supervisor for the university's nine thesis recipients, two thesis submitters, and guiding five research scholars at present. She garnered numerous accolades, including the Best Paper Award, the Outstanding Women Achiever Award, Topper in MOOC course , the NPTEL Mentor Award for Best Performance and many others. A full-time doctoral student under the guidance of Dr. A. Valarmathi earned Maulana Azad National Fellowship for Minority Students (Rs. 24,000 Per Month) Funded By UGC for her Wireless Network Research Work. She has delivered presentations at over 30 international conferences and authored 50 papers in international journals, 36 of which are Scopus-Indexed. At conferences and workshops held at both the international and national levels, she has presided over sessions and presented more than 30 invited lectures.



Consultancy, collaborations and funding

As the principal investigator for "GIS based spatial mining of soil contamination level in cauvery delta region" from DST, she used fuzzy classification techniques of artificial intelligence to classify the soil contamination for the various climates, and mapped the soil contamination level according to region into the GIS. She has successfully worked as a consultant for numerous organizations, such as the Trichy City Police and National Law University. **As a Institute Remote Centre Coordinator**, Conducted sponsored training programmes on Python programming and IoT applications (empowering girls to reduce the gender gap) and Organized more than 10 sponsored FDPs and Certificate Programs in collaboration with the Indian Institute of Technology (IIITDM, Jabalpur) and the Trans- Eurasia Information Network and European Union (from 2019 to till date) Programme sponsored by the Indian government's Ministry of Electronics and Information Technology (MeitY) on topics including robotics and artificial intelligence, VLSI chip design, deep learning and applications, Data Science for All, ICT tools for teaching, Learning, Machine Learning for Computer Vision and IoT & Applications (Smart Systems).

Additional roles and responsibilities

Dr. A. Valarmathi has been the Institution Placement Coordinator since 2022 at UCE-BIT campus, Trichy, where she previously held the positions of Head of the Department/MCA and Web Administrator for 4 and 6 years respectively. Her current professional obligations include continuing to serve as a member of the Board of Studies and Doctoral Committee at National Institute of Technology in Trichy.