

FACULTY VITAE



Name - Dr.R.Selvi

Education

- Master of Computer Science in Bharathidasan University, Scored 71% during the academic year 2000-2002
- Master of Technology (M.Tech) in Information Technology at Sathiyabama University, Scored 92% University Second Rank during 2009-2011
- Research Programme (Ph.D) at St.Peter's University, Chennai, in the domain of Network Security – August 2022

Academic experience

- Working as Assistant Professor in Dr.M.G.R Educational and Research Institute University, Chennai from July 2023 to till date.
- Worked as Associate Professor in SMK Fomra Institute of Technology from June 24th 2011 to June 15th 2023,
- Worked as Assistant Professor in Alpha College from 14th Feb 2007 to 20th June 2010

Service activities

- Department IIT Pals Coordinator
- Department International Relationship coordinator

Publications and presentations from the past five years

- R. Selvi, S. Saravan Kumar and A. Suresh, "An Intelligent Intrusion Detection System Using Average Manhattan Distance-based Decision Tree", Artificial Intelligence and Evolutionary Algorithms in Engineering Systems, Advances in Intelligent Systems and Computing, vol. 324, pp. 205-212, 2015. Scopus Indexed
- R.Selvi, Dr.S.Saravan Kumar, Dr.A.Suresh, "An Incremental Model for Effective Intrusion Detection Using Fuzzy Rough Set and Fuzzy ARTMAP", International Journal of Applied Engineering Research, vol. 9, no.23, pp. 20853-20870 , 2014. Scopus Indexed
- R. Selvi, S. Saravan Kumar, A. Suresh, "An Intelligent Weighted Outlier Detection Method For Intrusion Detection Using MST and K-NN ", ARPN Journal of Engineering and Applied Sciences, vol. 10, no. 18, pp. 7952-7958, 2015.Scopus Indexed

- R. Selvi, B. Shanthini, "A Comparative Analysis of Intrusion Detection Systems using Feature Selection and Classification", International Journal of Advanced Science and Technology, vol. 29, no. 8s,(2020), pp. 1865-1871 Scopus Indexed
- Dr.R.Selvi 2023 —Evaluation of 5G Techniques affecting the deployment of smart hospital infrastructure:Understanding 5G,Aiand IoT role in smart Hospital

Briefly list the most recent professional development activities

- Participated in the one week —National Level FDP on Cloud Infra Structure organized by Kings Engineering College, TamilNadu during 21st to 25th August 2023.
- Participated in FDP titled —Online Designing Platform conducted by Department of Viscom and Animation, Dr.MGR Educational and Research Institute, Chennai on 23rd to 25th August 2023
- Participated in the 5 days FDP on —Deep Dive into Data Science: Statistics and Data Handling through Excel and SPSS during 9th to 14th October 2023 organized by the Department of IT, Dr.MGR Educational and Research Institute, Chennai.
- Participated in International Scientific Conference "University Science: A look into the future dedicated to the 89th Anniversary of Kursk State Medical University, co-hosted and organised in India by Dr. M. G. R.Educational and Research Institute on 8th and 9th February 2024
- Participated in —7 days National level FDP on Python organized by Star International Foundation for Research and Education on 19th to 25th March 2024.
- Attend Five days Online Faculty Development Programme on —An approach for Technical Skill Enhancement FDPTSE-2020 by Toshniwal Arts, Commerce and Science college, Hingoli, Maharashtra from 5 th May to 10 th May 2020.
- Attend Online Faculty Development Programme on —Impact of COVID-19 & Management of Personal Finance through this Period by M.O.P. Vaishnav College for Women on 9 May 2020.
- Attend one day Webinar on —Crystallography and its application conducted by Er.Perumal Manimekalai College of Engineering on 8 May 2020.
- Attend Faculty Development programme on —Machine Learning and Artificial Intelligence conducted by Andhra Loyola Institute of Engineering and Technology from 4 th May 2020 to 6 th May 2020.

- Attend Faculty Development programme on —Robotics Process Automation|| handled by Mr.Kunal Banerjee conducted by Jeppiaar Institute of Technology from 4 th May 2020 to 6 th May 2020.
- Attend one day Webinar on —Problem Solving Techniques|| by Soka Ikeda College of Arts and Science for Women on 5 May 11, 2020.
- Attend one day Webinar on —JOY OF ORDERLY LIVING|| by Department of Commerce, Kaamadhenu Arts and Science College, Sathyamangalam on 5.05.2020.
- Attend Ten days Online Internship-NCCSGD by Department of Computer Science and Applications St.Peter’s Institute of Higher Education and Research, Avadi, Chennai from 3rd April to 13th April 2020.