

Faculty Profile

Dr. M.Rajeswari

Associate Professor,
Department of Computer Science and Engineering
email id: rajeswari@karunya.edu



Academic Background

Degree	University	Year
Ph.D	Anna University	2016
M.Tech	Anna University	2008
B.Tech	Anna University	2005

Courses Taught

- Operating Systems
- Theory of Computation
- Formal Languages and Automata Theory
- Data Structures and Algorithms
- Computer Organization and Architecture
- Big Data Analytics
- Advanced Operating System
- System Software
- Bioinformatics
- Artificial Intelligence

Research Interests

- Big Data Analytics
- Machine Learning
- Deep Learning
- Adhoc Networks

Most recent Publications

- Published a paper on “Person identification with aerial imaginary using SegNet based semantic segmentation”, <https://doi.org/10.1007/s12145-020-00516-y>, Sep 1,2020 – Online, Earth Science Informatics, **Springer Publications**, **SCI Indexed**.
- Published a paper on “Cascading Model in Underwater Wireless Sensors using Routing Policy for State Transitions”, <https://doi.org/10.1016/j.micpro.2020.103298>, Microprocessors and Microsystems, **Elsevier Publications**, Online, 1st October 2020, **SCI Indexed**, 79 (2020) 103298.
- Published a paper on “Adaptive beam formation and channel allocation using substance near multicast protocol and CS-iEHO”, <https://doi.org/10.1007/s00500-020-05476-5>, Soft Computing, **Springer Publications**, **SCI Indexed**, ISSN 1432-7643, 05th Jan 2021.
- Published a paper on “Exploration of Sentiment Analysis and Legitimate Artistry for Opinion Mining”, <https://doi.org/10.1007/s11042-020-10480-w>, Multimedia Tools and Applications, **Springer Publications**, **SCI Indexed**, ISSN / eISSN: 1380-7501 / 1573-7721, 23rd Jan 2021.
- Published a paper on “Tyre Inspection through Multi-State Convolutional Neural Networks”, vol. 27, no.1, pp. 1–13, 2021, doi:10.32604/iasc.2021.013705, Intelligent Automation & Soft Computing, **SCI Indexed**, Jan 2021.

Projects Guided

- Guided a PG project on “Leaf disease detection using soft computing techniques”.
- Guided a PG project on “Game Theoretical approach with Audit based Misbehavior Detection System”
- Guided a PG project on “Person identification with aerial imaginary using SegNet based semantic segmentation”

Memberships in Professional societies

- ISTE - Indian Society for Technical Education, LM78070, Year: 2011
- SDIWC - The Society of Digital Information and Wireless Communications, Global member id: 29036, Year: 2020
- Internet Society, Global member id: 222482, Year: 2020

- IAENG - International Association of Engineers, Global member id: 272420, Year: 2020
- CSI- Computer Society of India, Year: 2020 – 2021, Member id: F8003872

Significant achievements:

- Received a best faculty award during 2010-2011 at Angel College of Engineering and Technology, Tirupur.
- Acted as an evaluator and mentor for Toyathon event 2021 organized by MHRD.