

1. NAME AND ACADEMIC RANK: Mrs. A. Maheswari., M.E., (Ph.D.)

Assistant Professor



2. EDUCATION:

Ph.D. Pursuing ,Computer Science, SRM Institute of Science and Technology, Chennai.

M.E Computer Science, Anna University, India, 2014

B. Tech Computer Science, Dr. M.G.R. Educational & Research Institute, 2008

3. ACADEMIC EXPERIENCE:

2013-Present Dr. M.G.R. Educational and Research Institute as Assistant Professor, Computer Science and Engineering

2009- 2013 Dr. M.G.R. Educational and Research Institute as Teaching Assistant, Computer Science and Engineering.

4. NON-ACADEMIC EXPERIENCE:

NIL

5. CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS:

- Completed online NPTEL course on “Introduction to IoT” certified by IIT Bombay on Apr-19 with 100%.
- Completed online NPTEL course on “Ethical Hacking” certified by IIT Bombay on 19 -20
- Completed online NPTEL course on “Joy of computing using python” certified by IIT Bombay on 19 -20
- Completed online NPTEL course on “Computer Networks and Internet Protocol” certified by IIT Bombay on 19 -20
- Completed online NPTEL course on “Cloud Computing” certified by IIT Bombay on 20 -21
- Completed online NPTEL course on “Cloud Computing and Distributed Systems” certified by IIT Bombay on 21 -22
- Completed online NPTEL course on “Advanced Distributed Systems” certified by IIT Bombay on 22 -23
- Completed online course on “Fundamentals of Network Communication” certified by Coursera on 22 -23

6. CURRENT MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:

- CSI Member
- IAENG, Member
- SDIWC, Member
- NSPE, Member
- CSTA, Member

7. HONORS AND AWARDS:

- Received Certificate of Appreciation as NPTEL Discipline Star , NPTEL Swayam, April 2022.
- Received Research Award from Dr.M.G.R.Educational and ResearchInstitute for publishing Sci indexed Journal as Co-Author , 2023
- Received Certificate as Ambassador , IGen Green Day 2023, The Institution of Green Engineers , 2023

8. SERVICE ACTIVITIES:

- Successfully Completed the “High Impact Teaching Skills Workshop” from Dale Carnegie/Wipro Mission 10x
- Successfully Completed 7 NPTEL courses with certificates
- 1% Topper in “Introduction to IoT” NPTEL Course
- IQAC co coordinator (till April 2024)
- Year in-charge
- Mentor.
- ISO Coordinator.
- Technical Skills Coordinator.
- CSI Professional Society Coordinator.
- Criteria 5 Coordinator (NBA 2023)

9. PRINCIPAL PUBLICATIONS OF LAST FIVE YEARS (2019-2024)

- “Intrusion Detection System Model Using Hierarchical Hybrid Algorithms And Ensemble Techniques In Networking” , A.Maheswari,Karthikeyan.H, Dr.V.Balajivijayan, Dr.R.Thiagarajan,Mohan.I Publication date : 2020/11/1, Solid State Technology, vol 63, issue-6, pages: 5857-5866
- “Multi-criteria fuzzy-based decision making algorithm to optimize the VHO performance in hetnets” , S. Prithiviraj, A., Maheswari, A., Balamurugan,

D.Rubaiee, S., Sennan, 2021, CMC-COMPUTERS MATERIALS & CONTINUA, 2022, vol – 70, issue- 1, 323–341, publisher- Tech science press

- “A Survey on 6th Generation Li-Fi Technology”, Ms.A.Maheswari, Mr.Parthibakannan, Ms.R.Monisha, Mr.A.Praveen, Indian Journal of Natural Sciences, 2022
- “Accelerating innovation: the transformative impact of 5G”, Laavanya M, Madhumitha S, Maheswari A, International Journal of Advanced Trends in Engineering and Management (IJATEM), ISSN (Online): 2583-7052,2022
- “HR Analytics and Employee Attrition Prediction Using Machine Learning” Emerging Advancements in AI and Big Data Technologies in Business and Society, IGI, N. Krishnamoorthy, V. Vinoth Kumar, Chinchu Nair, A. Maheswari, Sonali Mishra, Ayush Sinha, chapter 4, 2024
- , " Eco Mow: Harnessing Solar Power For Sustainable Grass Cutting And Pesticide Sprinkling System " presented in IEEE conference , ICONIC 2K24, 2024
- “Secure Authenticated Key Agreement Protocol for Cloud-based Internet of Things” , patent publication, 21/01/2022, Application No.202241000939 A
- “Intelligent Medication Management Solution with IoT and Machine Learning for Enhanced Patient Safety” , patent publication, 202441028128, DATED 05 Apr 2024.

10. PROFESSIONAL DEVELOPMENT ACTIVITIES IN THE LAST FIVE YEARS:

- FDP on “Idea to Publication- Nurturing the Art of Research publication” on 13/02/2024 by Dr.M.G.R Educational And Research Institute.
- FDP on “ Latest Trends and Techniques in Software Engineering: An Industry Perspective”, during 20/01/2024 to 27/01/2024 by Christ University, Bangalore
- FDP on “ “Research- The journey from inception to publishing”, during 05/02/2024 to 09-09-2024 , by IQAC association, Dhanraj Baid Jain College,
- FDP on “AI sights: Predictive power of ML, DL and NLP, during 14-05-2024 to 18-05-2024, by Sphoorthy Engineering College
- FDP on “Unlocking Potential- Emerging Technologies in Computing Techniques” during 06/05/2024 to 10/05/2024 by Dr.M.G.R.Educational and Research Institute.
- FDP on “Future Of Generative Ai in Academic Research in Publishing” during 02/01/2024 to 06/01/2024 by Institute of Engineering and Management
- FDP on “Emerging Research Trends in Blockchain and Data science” during 8th may-12th may, 2023 conducted by Dr.M.G.R Educational And Research Institute.
- FDP on “Virtual Labs” during 15/11/2023 to 17/11/2023 conducted by IIT Pals.
- FDP on “Use of ICT in Research and Writing” during 03-01-2022 to 08-01-2022 conducted by.E&ICT Academy IIT Guwahati.
- FDP on “Active and Collaborative Learning” during 03.01.2022 to 07.01.2022 conducted by National Institute of Technical Teachers Training And Research
- FDP on “Emerging Trends in Embedded systems and IoT” during 01-02-2022 to 07-02-2022 conducted by Nehru college of Engineering, Thrissur.
- FDP on “Emerging Trends in Cyber Security” during 14-2-2022 to 21-2-2022 conducted by. Kings college of Engineering, Chennai
- FDP on “” durin Recent Trends and challenges in AI, IoT and Block chain during 09-2-2022 to 18-02-2022conducted by. Eswari Engineering college
- FDP on “Deep into python” during 19-02-22 and 26-02-2022conducted by. Don Bosco with ACM Chapter
- FDP on “Advancements in Computational Technologies” during 28-3-2022 to 01-04-2022 conducted by. Department of CSE, DR.MGR Educational and research Institute

- FDP on “Next Generation Computing” during 18-04-2022 to 23-04-2022 conducted by.SRM Institute of Science and Technology
- FDP on “Intellectual Property Rights” during 09-05-2022 to 14-05-2022 conducted by. DR.MGR Educational and research Institute
- FDP on “Five Day International Virtual Faculty Development Program” during 20-06-2022 to 24-06-2022 conducted by. Faculty of Education and Academic Staff College,Dr.M.G.R.Educational and Research Institute
- FDP on “Deep Learning and its applications” during 11-07-2022 to 15-07-2022 conducted by. SAI RAM College With ISTE
- FDP on “The Role of Artificial Intelligence in Renewable Energy Applications” during 1-8-2022 to 5-8-2022 conducted by. KPR Institute of Engineering and technology
- FDP on “Foundations of Data science” during 4-8-2022 to 6-8-2022 conducted by St. Joseph Institute of technology
- FDP on “Computer Vision and Natural Language Processing” during 8-8-2022 to 18-8-2022 conducted by Eswari Engineering college
- FDP on “Amazon Web services” during 22-8-2022 to 27-8-22 conducted by Adithya College of Engineering-AICTE