Faculty Profile



Mrs. A. Bharathi, M.E.,
Assistant Professor, Department of Information and Technology

HIGHLIGHTS:

- Patents Published: 3
- Journal Published : 2
- H-INDEX : 1
- Conference Published : 1

PROFESSIONAL LINKS:

- Scopus ID: 60378929700
- Scopus Link: https://www.scopus.com/pages/authors/60378929700
- Anna University Faculty ID: 2616601997
- AICTE Faculty ID: 1-44715613649
- LinkedIn: https://www.linkedin.com/in/bharathi-anbalagan-2b543a141/

PROFESSIONAL BACKGROUND:

- Teaching Experience till date: 2 Years
- Industrial Experience: 2 Years

AREA OF SPECIALIZATION:

- Machine Learning
- Data Analysis
- Python Programming

PATENTS PUBLISHED/GRANTED:

- Title of the invention: “REAL-TIME GROUNDWATER FOR IDENTIFICATION AND MONITORING SYSTEM”, INDIA, Patent Application No.202441080354 A, Publication Date: 25/10/2024, Name of Applicant: SAVEETHA ENGINEERING COLLEGE, Name of Inventor: BERLIN MAGTHALIN. R, Dr. M. NAVANEETHA VELAMMAL, Dr. M. DAYANIDHY, PRADEEP R, G. KARTHIKA, DR. J. PARAMESH, BHARATHI A, P. SANKAR.

- Title of the invention: “INFRARED PROJECTOR FOR VEIN DETECTION”, INDIA, Patent Application No.436455-001, Publication Date: 11/02/2025, Name of Applicant: SAVEETHA ENGINEERING COLLEGE, Name of Inventor: 1. P. Sankar 2.Shagul A. S 3.Dr. E. Poovannan 4.Arokia Nerling Rasoni G 5.Swedha V 6.Sridhar S 7.Francis J 8.Bharathi A.

- Title of the invention: “HYBRID AI AND BLOCKCHAIN ARCHITECTURE FOR SCALABLE AND SECURE IOT APPLICATIONS”, INDIA, Patent Application No.202541016882 A, Publication Date: 07/03/2025, Name of Applicant: SAVEETHA ENGINEERING COLLEGE, Name of Inventor:1.G. Karthika Priya Dharshini 2.Bharathi A 3.Sunitha T 4.Subashini T 5.Rajesh C 6.Sankar P

JOURNALS PUBLISHED

[1] M. Dayanidhy, E. Shabhanaa, A. Bharathi, and A. Athiraja, “Quantum kernel models for rapid fatigue-life estimation from in situ melt-pool and acoustic emission signals,” Fatigue & Fracture of Engineering Materials & Structures, vol. 49, no. 10, pp. 4334–4353, 2026, doi: 10.1111/ffe.70375

[2] G. Jegadeeswari, S. P. Manikandan, S. Kalpana, J. S. S. L. Bharani, A. Bharathi, B. Kirubadurai, and S. Gayathri, “Fabrication and performance evaluation of TiO_2 nanotube-based films for dye-sensitized solar cells,” International Review of Applied Sciences and Engineering, 2026, doi: 10.1556/1848.2026.01131

CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:

- Integrating Machine Learning and Deep Learning in Real-time IOT Systems (in Association with NVIDIA) from 02/12/2024 to 07/12/2024.