



FACULTY PROFILE

Name	Mrs. R. SUMATHI						
Gender	FEMALE						
Present Designation	ASSSISTANT PROFESSOR				Regular / Adjunction		REGULAR
Date of Joining	11-07-2012						
Mobile No.					Email	mailto:sumathime@gmail.com	
Highest Educational Qualification	ME				Specialization		APPLIED ELECTRONICS
Additional Qualification	GATE/NET/SLET	-					
Total working Experience		(i) Teaching		: 12 Years 10 Months			
		(ii) Industry		: Nil			
Publications	Journals		International Journals	Nil	National Journals	01	
	Conferences		International Conferences	01	National Conferences		
No. of Patent	-						
No of Workshops/Seminars/Conferences/ FDP attended	FDP:15 Seminars: Nil Workshops: 1						
No of Workshops/Seminars/Conferences/ FDP organized	FDP:Nil Seminars:Nil Workshops:01						
No of UG / PG / Ph.D Guidance:	UG: 3 PG:Nil PhD:Nil						
Membership in Professional Bodies	Nil						
Awards / Recognition Received	Nil						
Other Responsibilities, if any	* Mention the Google Scholar Link						

PUBLICATION DETAILS:

- T S Sindhu, G Chandrika, G Divya, R Sumathi, P Durga ,Rice leaf disease detection using machine learning technique, AIP Conference Proceedings, 2935, 020007 (1-6).2024.
- R. Sumathi,Mohamed Yousuff Caffiyar , E. keerthana, M. Harini, A. Athifa kouser, M. Nithya shree, M. K. Srisha, The Future of Domestic Convenience: An In-depth Review of IoT -enabled Smart Home Technologies, Trends in Electrical Engineering, Volume 14, Issue 2, 2024.



C. ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY

Hakeem Nagar, Melvisharam-632 509



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EVENTS ORGANIZED:

- Coordinator for National Level Robotics challenge “BOT ARENA” organized by department of ECE on April 26, 2024. (Academic Year 2023-2024)
- Coordinator for National Level Technical Symposium “TECHNOVIAL ‘24” organized by department of ECE on October 10, 2024. (Academic Year 2024-2025)
- Organizer for Hands on Workshop “ARDUINO PROTEUS” for the Academic year 2022-2023

FDP AND WORKSHOP DETAILS:

1. Mrs. R SUMATHI, Assistant Professor of C. Abdul Hakeem College of Engineering and Technology has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on AI and Emerging Technologies for Sustainable Energy and Climate Adaptation at IIIT Kottayam from 25/11/2024 to 30/11/2024.
2. Mrs. R SUMATHI, Assistant Professor of C. Abdul Hakeem College of Engineering and Technology has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Crystal Growth, Semiconductor Processing and Manufacturing Technologies at Indian Institute of Technology (Indian School of Mines) Dhanbad from 16/12/2024 to 21/12/2024.
3. Mrs. R. SUMATHI has successfully Participated 10 Hours (25th Oct to 31th Oct 2023) National level FDP on “**Learning for NLP and Computer vision**” Organized by NIST in collaboration with ExcelR Edtech Pvt. Ltd.
4. Mrs. R. SUMATHI has successfully Participated Five days FDP on “**Emerging Trends in Artificial Intelligence and Deep Learning**” Organized by Sri Sai Ram Institute of Tech, Chennai from 26.12.2023 to 30.12.2023.
5. 1 week FDP on “**The Art of Research and Development**” Organized by IEEE PCS Madras chapter from 26.12.2023 to 30.12.2023.
6. Mrs. R. SUMATHI has successfully Completed the course “**VLSI to Systems Design: Silicon to End Application Approach**” Organized by AICTE from July 31st to 4th August 2023.
7. Mrs. R. SUMATHI has successfully Participated Two week FDP on “**Advanced Research Methodology**” Organized by SRM institute of Science and Technology from 3rd July 2023 to 18th July 2023.
8. Mrs. R SUMATHI, Assistant Professor of C. Abdul Hakeem College of Engineering and Technology has actively participated in “ **7 DAYS ONLINE FACULTY DEVELOPMENT PROGRAM ON ESSENTIAL SKILLS FOR PROFESSIONAL DEVELOPMENT IN HIGHER EDUCATION**” organized by Star International Foundation for Research And Education on 01.07.2024 – 07.07.2024.

9. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated in **“ONE DAY ONLINE FACULTY DEVELOPMENT PROGRAM ON AI TOOLS FOR TEACHING”** organized by by Star International Foundation for Research And Education on 22.06.2024.
10. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated in the **“ online Faculty Development Program On Modern Medical Instrumentation”** organized by the Department of Biomedical Engineering in association with Biomedical Engineering Society of Indis (BMESI) from 4th to 8th December 2023.
11. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated Five day (7th August 2023 to 11th August 2023) FDP on **“Emerging Technologies”** Organized by Dr. M.G.R. Educational and Research institute.
12. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated in 10 Hours National Faculty Development Program on **“NLP, Computer Vision and Artificial Intelligence”** Organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt.Ltd. Date 4th Dec to 8th Dec 2023.
13. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated in National Level Six Days Faculty Development and Training Program on **“ Emerging Research Trends in Engineering and Technology”** organized by Department of Computer Science and Engineering , Kings Engineering College from 04 Jan 2024 to 11 Jan 2024
14. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has successfully participated in 10 Hours National Faculty Development Program on **“ChatGPT and Prompt Engineering “** organized by Bharati Vidyapeeth College of Engineering – Navi Mumbai, NRI Institute of Technology – Vijayawada and Sreenidhi Institute of Science & Technology – Hyderabad in Collaboration with ExcelR Edtech Pvt. Ltd/ Date : 18th Dec to 22nd Dec 2023.
15. Mrs. R SUMATHI, Assistant Professor of C.Abdul Hakeem College of Engineering and Technology has actively participated one week Faculty Program on **“ Next Generation Artificial Intelligence”** organized by Department of Artificial Intelligence and Data Science , Department of CSE:Artificial Intelligence Machine Learning, Department of CSE: Data Science, Vishwakarma institute of Information Technology, Pune from 11 th March to 16 th March 2024.