FACULTYPROFILE

Name	Ms.SANGEETHA K		
Gender	FEMALE		
Present Designation	ASSISTANT PROFESSOR	**Regular/ Adjunction**	
Date of Joining	02-08-2023		
Mobile No.		**Email**	Sangeetha.ece@cahcet.edu.in
Highest Educational Qualification	**Master of Engineering**	**Specialization**	Applied electronics
Additional Qualification	GATE/NET/SLET	-	
Total working Experience		(i) Teaching:2 Years & 4 months (ii) Industry:	

Publications	**Journals**		**International Journals**		**National Journals**	
	Conferences		**International Conferences**		**National Conferences**	

No. of Patent	
No of Workshops/Seminars/Conferences/ FDP attended	FDP:30 workshop:01 MOOC:02
No of Workshops/Seminars/Conferences/ FDP organized	FDP: Seminars: Workshops:
No of UG/PG/Ph.D Guidance:	UG:02
Membership in Professional Bodies	
Awards/Recognition Received	
Other Responsibilities, if any	

FDP'SDETAILS

FDP's
Academic year (2023-2024)

1. Ms.Sangeetha.K has successfully completed one week faculty development program on "Learning for NLP and Computer Vision" organized by NIST Institute of Science and Technology(Autonomous), Berhampur in Collaboration with ExcelR Edtech Pvt. Ltd. from 25.10.2023-31.10.2023.

2. Ms.Sangeetha.K has successfully completed 5 days faculty development program on "NLP, Computer Vision and Artificial Intelligence "organized by AndhraPradesh State Skill Development Corporation(APSSDC)in Collaboration with ExcelR Edtech Pvt. Ltd. from 04.12.2023-8.12.2023.

3. Ms.Sangeetha.K has successfully participated in 5 days online faculty development program on "Modern Medical Instrumentation" organized by Department of Biomedical Engineering in association with Biomedical Engineering Society of India (BMESI) from 04.12.2023-8.12.2023.

4. Ms.Sangeetha.K has successfully completed 5 days 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. from 18.12.2023-22.12.2023.

5. Ms.Sangeetha.K has successfully completed one week faculty development program on "The Art of Research and Development" organized by IEEE PCS Madras Chapter, S.A Engineering College from26.12.2023-30.12.2023.

6. Ms.Sangeetha.K has successfully completed one week faculty development program on "Emerging Research trends in Engineering and Technology" organized by Kings Engineering College from 204.01.2024-11.01.2024.

7. Ms.Sangeetha.K has successfully completed 5 days faculty development program on "Building Advanced Data Analytics Applications with Cloud" under ATAL, AICTE – Next Gen Employability Program from 29.01.2024- 2.2.2024.

8. Ms.Sangeetha.K has successfully participated in IP Awareness/Training program organized by National Intellectual Property Awareness Mission on 11.03.2024

9. Ms.Sangeetha.K has successfully completed one week online faculty development program on "Next Generation Artificial Intelligence" organized by AI&DS, Vishwakarma Institute of Information Technology from 11.03.2024 to16.03.2024.

10. Ms.Sangeetha.K has successfully completed one week online faculty development program on "Cognitive Computing for Smart Application" organized by AI&DS, Vishwakarma Institute of Information Technology from 18.03.2024 to 22.03.2024.

Academic year (2024-2025)

1. Ms.Sangeetha.K has successfully participated in one day online International faculty development program on "AI Tools for Teaching" organized by the STAR International foundation for research and education from 22.06.2024.

2. Ms.Sangeetha.K has successfully participated in 6 days online International faculty development program on "Harnessing Artificial intelligence for Healthcare Excellence Innovation, Insights and impacts" organized by the Department of Biomedical Engineering from 24.06.2024 to 29.06.2024.

3. Ms.Sangeetha.K has successfully 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 to 07.07.2024.

4. Ms.Sangeetha.K has successfully participated one week faculty development program on "Methods for Improving Higher Education Teaching Quality Using Outcome Based Education, Pedagogical approaches and NEP 2020(OBENEP24)" organized by department of CSE in association with IQAC, Haldia Institute of technology on 22.07.2024 to 26.07.2024.

5. Ms.Sangeetha.K has successfully participated in 5 days online faculty development program on "Exploring New Frontiers in Teaching Tools, AI and Data Analytics" organized by MEASI Institute of Information Technology, Chennai on 29.07.2024-02.08.2024.

6. Ms.Sangeetha.K has successfully participated 7 days online faculty development program on "Latest Developments in RF technologies in 5G and beyond" at Rajalakshmi Engineering College from 31.07.2024 to 06.08.2024.

7. Ms.Sangeetha.K has successfully participated 6 days online faculty development program on "Industrial Applications of Embedded Systems and IoT" at Rajalakshmi Engineering College from 22.08.2024-28.08.2024.

8. Ms.Sangeetha.K has successfully participated and completed 6 days AICTE ATAL online faculty development program on "Emerging Techniques in Cyber Security for building Resilient Network Infrastructure" at Indian Institute of Information Technology, Sri City from 09.12.2024 14.12.2024.

9. Ms.Sangeetha.K has successfully participated and completed 6 days AICTE ATAL online faculty development program on "Unlocking Potential of AI in VLSI system design and IC packaging" at B V Raju Institute of Technology from 16.12.2024 21.12.2024.

COURSE:

1. Ms.Sangeetha.K has successfully participated 5 days online Professional development programme on "Self-directed learning in Engineering Education: A Future Perspective" conducted by NITTTR Chennai from09.12.2024-13.12.2024.

Academic year (2025-2026)

1. Ms. Sangeetha K. successfully completed the Faculty Development Program on 'Convergence of VLSI, AI, and IoT Shaping the Future of Intelligent Systems,' organized by the Department of ECE, SRM Institute of Science and Technology, held from 21st July to 26th July 2025.

2. Ms. Sangeetha K. successfully completed the Faculty Development Program on 'Fundamentals and Applications of

Edge Computing Using Jetson Orin Nano as an Edge Device,' organized by Sai Ram College of Engineering from 21st to 25th July 2025

3. Ms. Sangeetha K completed the Faculty Development Program titled *"AI Powered Teaching and Research: A Tool for the Next Generation Educators"*, organized by the Department of CSE, Christian College of Engineering and Technology in collaboration with Pencilbitz, held on 28th July 2025.

4. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"Prompt Engineering and Applications of LLMs in Real World Domain"*, organized by the Department of Computer Applications, Sathyabama Institute of Science and Technology, held from 18th August to 22nd August 2025.

5. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"AI for Academics"*, organized by the Department of Computer Science, Patrician College of Arts and Science, on Saturday, 4th October 2025.

6. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"Machine Learning Models for Intelligent Signal and Image processing"*, conducted from 13/10/2025 to 18/10/2025, organized by the Department of ECE at Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College.

7. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"SEMI-TECH: Semiconductor Innovation & Technology for Next-Gen Electronics"* at SRM Institute of Science and Technology, held from 18/08/2025 to 23/08/2025.

8. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"Cutting Edge Advances in Artificial Intelligence and Data Science"* at C. Abdul Hakeem College of Engineering & Technology, held from 15/09/2025 to 20/09/2025.

9. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"Next-Generation Healthcare: Integrating IoT and AI for Predictive Diagnostics and Monitoring"* at Sri Venkateswara College of Engineering, held from 13/10/2025 to 18/10/2025.

10. Ms. Sangeetha K has successfully completed the Faculty Development Program titled *"Future Intelligent Network Toward 6G: 5G and Beyond with Reconfigurable SDR and Machine Learning"* at the National Institute of Technology, Rourkela, held from 24/11/2025 to 29/11/2025.

11. Ms. Sangeetha K has successfully completed the Faculty Development Program titled "Digital Circuits" at NPTEL AICTE.

12. Ms. Sangeetha K has participated in the One-Day Webinar on "Patent & IPR," organized by the Research and Innovation Cell, C. Abdul Hakeem College of Engineering and Technology, Melvisharam, in association with Pencilbitz International, held on 5th November 2025.

Conference details:

Ms.Sangeetha.K Presented a paper titled "Automated Waste Classification and Segregation System Using Arduino and Multi-Sensor" in the Conference under AICTE – Vibrant Advocacy for Advancement and Nurturing of Indian Languages (VAANI) on "MedNext 2025: Shaping the Future of Healthcare with AI, Imaging, Devices & Diagnostics," conducted in Tamil at Sri Venkateswara College of Engineering from 09/10/2025 to 10/10/2025.

NPTEL courses:

1. Ms. Sangeetha K has successfully completed the NPTEL course titled *"Python for Data Science."*
2. Ms.Sangeetha.K has successfully completed the NPTEL course titled "Digital Circuits."

EVENTS ORGANIZED:

1. **Ms. Sangeetha K** and Mrs. R. Sumathi organized the National Level Robotics Challenge "BOT ARENA," conducted by the Department of ECE on April 26, 2024 [AY 2023–2024].
2. **Ms. Sangeetha K** and Ms. Divya G organized the National Level Poster Presentation event conducted by the Department of ECE on 22.03.2024 [AY 2023–2024].
3. Acted as the organizer for the Tamil Speech Competition conducted by the Tamil Maanavar Mandram on 09.04.2025[AY 2024–2025].
4. Ms.Sangeetha K and Mr.Ganeshkumar S S organized internal Hackathon conducted by department of ECC in association with MMES Innovation and Incubation Council (MIIC) on 05.05.2025[AY 2024–2025].
5. **Ms. Sangeetha K** and Mrs. R. Sumathi organized the Mini Project Expo conducted by the Department of ECE on September 25, 2025 [AY 2025–2026].
6. **Ms. Sangeetha K** and Mrs. R. Sumathi organized an online Guest Lecture on "Operational Amplifiers in Modern Electronic Systems" for the final-year ECE students on 29.09.2025 [AY 2025–2026].