DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Faculty Name	**Dr. Pavani Cherukuru**	
Designation	**Assistant Professor**	
Educational Qualification	**B.E(EEE), M.Tech(IT), (Ph.D., CSE)**	
Experience in Years	**4.5 years**	
Area of Interest	**E-learning, Wearable speech signal processing, Big data analytics, Text to Speech synthesis**	
Email ID	**pavani-ise@dsatm.edu.in**	

Educational Details

- Doctor of Philosophy (Ph.D) in Software Engineering, University of Malaya, Kuala Lumpur, Malaysia.
- Master of Technology(M.Tech) in Information Technology, VIT University, Vellore, 2014.
- Bachelor of Technology (B.E) in EEE, A.I.T.S, Affiliated to JNTU, Tirupati, 2011.

Personal Details

- Date of Birth: March 23, 1990
- Hobbies: Classical Dancing and Reading
- Languages Known: English, Telugu, Tamil(speak) and Hindi (Read & Write)

Professional Experience

- Worked as Research Assistant at University of Malaya in Software Engineering(SE) department from Nov 2014 to June 2016.
- Worked as Teaching Assistant at University of Malaya in Software Engineering(SE) department from Jan 2017 to Dec 2017.

- Worked as Research Assistant at University of Malaya in Software Engineering(SE) department from Sep 2017 to Feb 2018.

Publications

- Pavani Cherukuru, et. al. "LEARNER CENTRIC ENHANCEMENT TOWARDS SOCIO MOODLE", 14th IACEE World Conference ON Continuing Engineering Education, Stanford University, June 24-27, 2014.
- Pavani Cherukuru, et. al. "ENCRYPTION METHOD FOR IPV6 NETWORKS" 5TH International Conference on Science, Engineering and Technology, VIT University, Vellore, Nov 8, 2012.
- Cherukuru, Pavani, Mumtaz Begum Mustafa, and Hema Subramaniam. "The Performance of Wearable Speech Enhancement System Under Noisy Environment: An Experimental Study." IEEE Access 10 (2021): 5647-5659.
- Balakrishna S , K Sai Sharan Reddy , Dhanalakshmi G , Surya D V , Mrs Pavani Cherukuru, "Tracking, Reducing and Reusing of Plastic Waste". © 2023 IJNRD Volume 8, Issue 3 March 2023, ISSN: 2456-4184.
- Pavani Cherukuru et al., "Small Changes, Big Impact: Strategies for Tracking, Reducing, and Reusing Plastic Waste in Everyday Life" E-ISSN 2348-1269, P- ISSN 2349-5138.

Expositions and Seminars

- Postgraduate Research Excellence Symposium (PgRES 2016) – Presenter
- 5th International conference on "science, engineering and Technlogy (SET), Nov 7-8, 2012, VIT University, India – Presenter
- 6th International conference on "science, engineering and Technlogy (SET), May 7-8, 2013, VIT University, India – Presenter
- 7th International conference on "science, engineering and Technlogy (SET), Nov 14-15, 2013, VIT University, India – Presenter
- Practical Big data processing with MapReduce and Hadoop – Instructor
- Text to Speech synthesis workshop 2017 – Committee Member (Technical Expert)

Awards

- Merit certificate to secure 2nd rank holder in bachelor's degree.
- Best certificate award to the best paper in 5th international conference on science, engineering and technology, 2012, VIT university, India.
- Full fee waiver in my highest secondary, bachelor's and PhD degree.
- Best mentor award in teaching proficiency.
- Research Grant, HIR MOHE project UM.C/625/1/HIR/MOHE/FCSIT/O5, 2014-2016, University of Malaya.
- Research Grant, IPPP, RU005Q-2016, University of Malaya.
- Honorarium from Malaysian local grant.

Certifications

- Networking & Data Virtualization (Cisco Certified Network Associate)
- CIIS (Cisco Certified Network Associate)
- Big Data Analytics & Quality Assurance
- Enhancing Quality of Programming & Productivity of Programmers
- HMM-Based Speech Synthesis System
- Learn & Discover with Microsoft Azure Workshop

Faculty Development Activity

- Attended 5 days Faculty Immersion Program on Outcome Based Education(OBE) at Dayananda Sagar Academy of Technology & Management, Bangalore

Administrative Activity

- Digital Coordinator
- Anti-ragging Coordinator
- Research Coordinator Special

Professional Membership

- Institute of Electrical and Electronics Engineers(IEEE) Membership

Contact Details

Assistant Professor,

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Dayananda Sagar Academy of Technology & Management(DSATM),

Udayapura, Kanakapura Road,

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My Vision

- To commit expertise and experience to teaching with a strong focus on practical, hands-on learning for students in order to support institutional development.

- To promote and develop research activities at the institutional level.