DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Faculty Name	**Dr POOJA NAYAK S**	
Designation	**ASSOCIATE PROFESSOR**	
Educational Qualification	**B.E, MTech, Ph.D**	
Experience in Years	**10 yrs**	
Area of Interest	**Machine Learning, Neural Networks, Artificial Intelligence**	
Date of Birth	**30-09-1987**	
Email ID	**Pooja-ise@dsatm.edu.in**	

Educational Details

- **Ph.D** - Visvesvaraya Technological University (2020)
- **M.Tech** – AMC College of Engineering (2012)
- **B.E** – Kammavari Institute of Technology, Bangalore(2009)

Personal Details

- Date of Birth: 30-09-1987
- Hobbies: listening to music, singing, dancing, cooking, rangoli
- Languages Known: Kannada, English, Hindi

Professional Experience

- Presently working as Associate Professor in Dept of ISE at Dayananda Sagar Academy of Technology & Management, Bengaluru from October 2021 till date

- Worked as Assistant Professor in Dept of CS&E at EWIT, Bengaluru from August 2014 to August 2020

- Worked as Assistant Professor in Dept of CS&E at SSIT, Tumkur from October 2010 to July 2014

Publications

International Journals:

- Pooja Nayak S, DR S G Hiremath, Dr Arun Biradar, *Classifying Emotional traits from Speech file using Machine Learning,* International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019

- Pooja Nayak S, DR S G Hiremath, Dr Arun Biradar, *Speech Classification using Logical ART Deep Mechanism of Machine Learning,* International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-9 Issue-2, December 2019
- Pooja Nayak S, Dr S G Hiremath, *Processing of Speech Signal Using Wavelet Transform and Support Vector Machine,* Journal of Engineering and Advanced Technology (IJEAT), vol. 9, no. 2, pp. 5445-5457, 2019 [ISSN 2249-8958].
- Pooja Nayak S, Dr S G Hiremath*, Recognition of Speech Signals using Adaptive Resonance Theory Memory Architecture,* International Journal of Recent Technology and Engineering (IJRTE) vol.11, no. 2, pp. 342-350, 2020

National Journals:
- Pooja Nayak S, DR S G Hiremath, Dr Arun Biradar, *"Survey Paper on Neural Network*" published in HBRP publication, Journal of Advancement in Communication System Volume 1 Issue 3, 2018
- Pooja Nayak S, DR S G Hiremath, Dr Arun Biradar*, "Neural Networks: All You Need to Know"* published in HBRP publication, Journal of Advancement in Communication System Volume 1 Issue 3, 2018

Conferences:
- Pooja Nayak S, Dr S G Hiremath, Dr Arun Biradar, *"Neural Network-based Voice Attack Detection"* published in 2nd International Conference on Advances in Communication, Information & Computing Technology(ACICT-2019)
- Attended two day National Conference on *"Computer Networks & Soft Computing NCNS-12"*
- Pooja Nayak S, Seminar on "*Building A Self- Healing Operating System*"-IEEE 2007

Patents published with All Details

- International Patent on Intelligent IOT Device for Automating Fingerprints using Machine Learning and Statistical Payload Fingerprints.
(Application No: 202022100016)

Academic Activity

- Organised workshop on "Cyber Security & Ethical Hacking" for 3rd year ISE Students (2022)
- Mentoring the students in their projects, practical programming problems and assignments
- Class Teacher

- Cultural activities Co-Ordinator
- Member of Anti-Ragging squad
- Creative Assessment Co-Ordinator
- NAAC Accreditation Department Co-Ordinator

Faculty Development Activity

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- Attended 5 days Faculty Development Workshop & Industry Institute Interaction, "Quality Engineering & Testing for Software Intensive Systems" , organized by R V College of Engineering, Bengaluru
- Attended Webinar on "Real Time case studies in Machine learning" organized by dept of Computer Science and Engineering, East West of Institute of Technology, Bengaluru
- Attended 5 days Workshop on "Network Simulator – 2", organized by SSIT, Tumkur
- Attended 5 days Workshop on "Modeling & Simulation of Internetworks" , organized by SSIT, Tumkur
- Attended 5 days "Faculty Enablement Program on Foundation Program 3.1", conducted by Infosys Limited, Mangalore
- Attended One day Workshop on "Outcome Based Education", organized by SSIT, Tumkur
- Attended 3 days Workshop on "HADOOP – A Practitioners Approach", organized by SSIT
- Attended Two days Workshop on "Graph Theory & its Applications in Computer Science", organized by SSIT, Tumkur

Professional Membership

- Associate Member in The Institution of Engineers (AM163234-8)

Contact Details

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