JSS Mahavidyapeetha
JSS Academy of Technical Education, Bengaluru
Department of Electronics & Communication Engineering

FACULTY PROFILE

1. Personal Details

NAME	MRS. ANU H
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING
DESIGNATION	ASSISTANT PROFESSOR
PHONE	9980674012
EMAIL ID	anuh@jssateb.ac.in
TEACHING EXPERIENCE	4
INDUSTRY EXPERIENCE	3.7
RESEARCH EXPERIENCE	2

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
Ph.D.	**Signal Processing & Deep Learning**	**JSS S&TU**	**JSS S&TU**
M.Tech	**Signal Processing & VLSI**	**SBMJCE**	**JGI**
BE / Diploma / ITI	**ECE**	**SJBIT**	**VTU**
PUC	**PCMB**	**SKCHC**	**PUC Board**
SSLC	**State Board**	**SKCH**	**SSLC Board**

3. Membership of Professional Bodies:

1. **Life Membership in Indian Society for Technical Education (MISTE)**

4. Awards

Award Title	Date of receiving the award	Award issuing authority/ Body / Organization

5. Publications (Journals Conferences)

i. International Journals

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus / Both	Impact Factor	Publisher
1.	A Review on Feature Extraction in	Dr. Udayashankara	Pensee Journals	VOLUME 51, ISSUE 2 - 2021 – S.No.75	Scopus	**0.6**	Pensee

SI. No.	Title	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
	Arrhythmias of ECG Signals						
2.	An Adaptive Algorithm Based Authentication System For Real-Time Biometric Time-Attendance System	Dr. Thejaswini P	Information Technology In Industry	2204-0595 / 2203-1731	WOS	-	La Trobe Univ, Dept Computer Science & Computer Engineering , Po Box 199, Bendigo, Australia, VIC 3552
3.	Analysis On Recognition And Prevention Of Leaf Diseases Using Machine Learning	Sahana V	International Journal of Research & Technology	Volume 8, Issue 3_May_2020	N	6.8	IJRT
4.	Recognition And Prevention Of Leaf Diseases Using Machine Learning	Sowmya A V	International Journal of Scientific Research and Engineering Development	Volume 3 Issue 3, May – June 2020	N	2.5	IJSRED

ii. Conferences

SI. No.	Title of the paper	Name(s) of Author(s)	Name of the Journal	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1.	Wireless Sensing Using MEMS Accelerometer	T.S Srinivasan Naidu, Rohan R Koundinya, Vishnu Manohar Kythala ,Rajath R	5th National Conference on Advancements in Information Technology NCAIT-2019	10th& 11th April, 2019	N	N	
2.	Wireless Sensing Of Gestures Using MEMS Accelerometer	T.S Srinivasan Naidu, Rohan R Koundinya, Vishnu Manohar Kythala ,Rajath R	World Telecommunication and Information Society Day	20th May, 2019	N	N	-
3.	Blister Testing In Drug Industry	Neha Karamudi, Mourya K Gowda, MahalaxmiSawale, Sonali	National Conference on Technology Innovation (NCTI-2018)	6th and 7th June 2018. ISBN 978-93-86638-90-7.	N	N	-
4.	CORDIC Architectures: A Review	Anu H, D Mahesh Kumar and D Jayadevappa	Int. Conf. on Signal, Image Processing Communication & Automation, ICSIPCA	6th and 7th June 2017.	N	N	Mc Graw Hill
5.	Accident Monitoring and Reporting System in Motorcycles	Mrinali M, Nivedha M, Nakul R.B, Ankit R. Nath	Int. Conf. on Signal, Image Processing Communication & Automation, ICSIPCA	6th and 7th June 2017.	N	N	Mc Graw Hill

6. Grants/Funding Received

Grant Amount	Project Name	Date of receiving the Grant	Grant issuing authority/ Body / Organization

6.Others: Workshops / Conference (Organized/Attended)

6.a. Workshops / Conference organized

1.	ICSIPCA- Dept of ECE and E&IE on 6th and 7th July, 2017,
2.	DST Sponsored Two-week Workshop on – Opportunities and Challenges in Entrepreneurship, 15th to 27th March, 2021
3.	

6.b. Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Artificial Intelligence- AICTE Training and Learning (ATAL) Academy Online FDP- 02nd to 06th Nov, 2020
Mathematics for Machine Learning - AICTE Training and Learning (ATAL) Academy Online FDP- 18th to 22nd Jan, 2021
Hands on Project-Based Approach for Biomedical Signal Analysis using MATLAB- AICTE Training and Learning (ATAL) Academy Online FDP- 01st to 13th Feb,2021.

6.c. workshop/ Seminar /Conference Attended (those NOT sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization- Coursera, July 03, 2020
Neural Networks and Deep Learning- Coursera, June 18, 2020
Introduction to Graph Theory- Coursera, July 10, 2020
Introduction to Machine Learning- Coursera, May 27, 2020
Biomedical Signal Processing - NPTEL, Bengaluru, Jan – Mar 2020
Machine Learning - NPTEL, Bengaluru, Jan – Mar 2020
IETE Technical programming Python Programming - 20.07.2020 to 24.07.2020
IETE Technical programming Deep Learning and AI using Python- 13.07.2020 to 17.07.2020
Machine Learning and Data Analytics using Python- IIT,Roorkee, 23.04.2020 to 01.05.2020
2 Weeks FDP on Python - JSSATE, Noida in association with IIT, Bombay, 22.06.2020 to 04.07.2020
Non-Linear Biomedical Signal Processing - RIT, Bengaluru, 06.01.2020 to 11.01.2020
Digital and Analog IC Design Flow using Cadence Tool - JSS S&TU, 08.07.2019 to 12.07.2019
Data Analytics, Machine Learning and Applications in Engineering - SJCE, Mysuru, 10.01.2019 to 16.01.2019
Biomedical Signal Processing - BNMIT, Bengaluru, 11.06.2018 to 15.06.2018
Embedded System Design for IoT - IIT, Kanpur, 25.06.2017 to 29.06.2017
Short term Course- "Enhancing Pedagogical Skills"- JSS Academy of Technical Education, Bengaluru, 17-1-2017 to 21-1-2017
FDP on "Strengths Based Personality Development"- SJCE Mysore, 28-12-2016 and 31-12-2016 to 03-01-2017 (5 days)

6.d. PROJECT / Innovations/Patents

"Urban Intelligent Parking Guidance System Based On Narrowband Internet Of Things (NB-IoT)",
"System to Monitor Temperature Of Granary Using Narrowband Internet Of Things (IOT)"

6.e. Any other information you will like to share about your professional experience