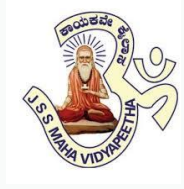





JSS Mahavidyapeetha
JSS Academy of Technical Education, Bengaluru
Department of Electronics & Communication Engineering



FACULTY PROFILE

1. Personal Details

NAME	SOWMYA R. BANGARI	
DEPARTMENT	ELECTRONICS AND COMMUNICATION ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	9611553888	
EMAIL ID	sowmyarbangari@jssateb.ac.in	
TEACHING EXPERIENCE	12.7 years	
INDUSTRY EXPERIENCE	Nil	
RESEARCH EXPERIENCE	02 years	

2. Qualification

COURSES	SPECIALIZATION	INSTITUTION	UNIVERSITY
ATS or any other certification	Applied Electronics	Dr MGR University, Chennai	Dr MGR University
BE / Diploma / ITI	Electronics and Communication Engineering	Sri Jayachamarajendra College of Engineering, Mysore	Mysore University
PUC	PCMB	JSS Women's College, Mysore	PU Board
SSLC		St. Mary's Convent School	State Board

3. Membership of Professional Bodies:

Nil

4. Awards

Award Title	Date of receiving the award	Award issuing authority/ Body / Organization
Best paper award	23-05-2018	Department of Electronics and Communication Engineering, Acharya Institute of Technology

5. Publications (Journals Conferences):

Sl. 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.	Fast and Accurate Prediction of Coronary Artery Disorder using Artificial Intelligence	Sunita Shirahatti, Sowmya R Bangari, Ahana Shetty	High Technology Letters	Volume:26 Issue: 10 Pages 962 – 970 October 2020	Scopus	0.14	HTL Journal
2.	Mobile Charging Using Solar And Electrical Energy	Pavan Kumar L, Sadananda K, Sanjay G S, Sunil, Sowmya R. Bangari	International Journal of Scientific Research and Engineering Development	Volume:03 Issue: 04 Pages 549 – 554 Jul - Aug 2020			IJSRED
3.	A comparative study of digital FIR and IIR band- pass filter	Nikita R. Pai, Chaithra S, Rekha J, Sowmya R. Bangari	International Research Journal of Engineering and Technology	Volume:06 Issue: 05 Pages 4244 –4247 May 2019		7.211	IRJET
4.	DEAF – MUTE – BLIND COMMUNICATION DECIPHERER KANNADA	Rohith Nandan, Shantanu S. Tengse, Suhas A. Balagar, Sowmya R. Bangari					
5.	Controlling Of An Induction Motor And Real Time Monitoring Of Motor Temperature Using Microcontroller And Android Bluetooth	Ranjana M, Sowmya R Bangari, Mahesh Reddy A. V.					
6.	Image Forgery Detection using Dyadic Framelets	Uma B S, P M Shivakumaraswamy, Shashidhara H R, Sowmya R. Bangari	International Journal of Information Technology and Computer Engineering	Page 20 – 24			IJITC

6. Grants/Funding Received

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

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

6.a. Workshops / Conference organized

Nil

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

1. Attended IEEE - VITM Distinguished Lecture on SMART Power Flow Controller For Smart Grid Applications, 19th December 2014, VITM, Bengaluru

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

1. Deep Learning Architectures for Image Processing Applications, 27-07-2020 TO 31-07-2020, 05 days, J N N College Of Engineering, Shivamogga (ONLINE MODE)
2. The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop, 14-06-2020 TO 21-06-2020, 08 days, IIT Bombay (ONLINE MODE)
3. Usage of Technology in Covid – 19, 28-05-2020 TO 02-06-2020, Terna Engineering College, Nerul, Navi Mumbai (ONLINE MODE)
4. Python Programming: A Concise Introduction, 12-05-2020 TO 05-06-2020, (4 weeks) - COURSE ERA- WESLEYAN UNIVERSITY
5. Embedded System Design with ARM, Jan – April 2020 (8 weeks) - NPTEL
6. **Hardware Modelling Using Verilog, Aug – Oct 2019 (12 weeks), NPTEL**
7. **5 Days Faculty Development Program on “Digital V:LSi Testing”, 24th to 28th July 2018, Dept. of ECE, APS College of Engineering, Bengaluru**
8. **National Conference on Trends in Industrial Power Electronics and Controls, 29th and 30th January 2015, KLSCET’s Dr. M S Sheshagiri College of Engg. And Technology, Belgavi**

6.d. PROJECT / Innovations/Patents

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

Books / Book chapters Published	Name of the book: Advanced Microprocessor Lab manual Publisher: M/S Subhas Year of Publication: 2008
	Name of the book: HDL Lab manual Publisher: M/S Subhas Year of Publication: 2014