

Name:	Pavithra D R
Designation:	Assistant Professor
EMP ID:	577
Department:	Electronics and Communication Engineering
Institution:	SJCE, JSS S&TU, MYSURU

Professional Details

A. Subjects Taught

Subjects		
Undergraduate	Post Graduate	Labs
Switching Systems and Access Networks	Advanced Digital Signal Processing	Power Electronics Lab
Digital Signal Processing		Microcontrollers and Embedded systems Lab
Sensors and Actuators		Digital Signal Processing Lab
Data Structures and Algorithms		Linear Integrated Circuits Lab
Digital Image processing		Analog Electronic Circuits Lab
Digital Compression Techniques		HSIS Lab
Microprocessors and Embedded System		Networking Lab

B. Membership in Scientific & Professional Societies with abbreviations

IEEE Student Membership

C. Membership of University / Institution Authorities

Member, Board of Examinations, JSS S&T U, Department of E&C, SJCE, Mysore.

Member, Board of Studies, JSS S&T U, Department of E&C, SJCE, Mysore.

D. Department Work

Department Sub co-ordinator for NBA data management.

Department Sub co-ordinator for NAAC data management.

Involved in revision and modification of E&C Dept. courses for BOS of JSS S&T University.

E. Areas of Interest :

Advanced Digital Signal processing, Image processing, Wireless Networks, Communication Systems

F. Recognition/Award

Received a token of appreciation from Texas Instruments, Bengaluru for Mentoring Projects of Texas instruments innovation challenge Indian Design Contest-2015

G. FDP Organized

Conducted One week FDP on Recent Trends in Wireless Communications under TEQIP-III from 1st July to 5th July-2019

Coordinated One week FDP on Nanosatellite Technology under TEQIP-III from 16st september to 20th Sept 2019

H. FDPs Attended

Two week Program

1. MHRD sponsored Short Term Training Programme through ICT Mode on Induction Training (Phase - I and Phase - II) organised by NITTTR, Kolkata from 5/10/2020 to 16/10/2020 [duration: 2 Weeks]
2. FDP on “Fabrication of Electronic Devices using Nano Materials” organised by Dept. of ECE, JSS STU, Mysuru from 24th Aug to 4th Sept 2020 [duration: 2 Weeks]

One week Program

1. Faculty Development Program on “Trends in IoT, Medical Image and Speech Processing” held during August 4th - 9th 2020, organized by Department of Information Science and Engineering, Siddaganga Institute of Technology, Tumakuru.
2. Virtual FDP on “Challenges and Opportunities in AI and ML” on 20th to 24th July 2020 hosted by Bheemanna Kandre Institute of Technology, Bhalki
3. Research Avenues in Healthcare Technology organized by the Department of Electronics and Instrumentation during 21st to 25th of July 2020 under TEQIP Phase III.
4. “Sensors & Their Applications” held from 13th July 2020 to 17 July 2020 at Vemana Institute of Technology
5. “Research Trends and challenges in computer science” held from 13th July 2020 to 17 July 2020 at Vidya Vardhaka College of Engineering.

One/two days programs

1. “ABC of Personality Development for Social Engineers “ organised by Stella Matutina College of Education & Nazareth College of Education for Women on 24th May 2021.
2. Two Days Webinar on Number Theory and its Application to Cryptography on 10th & 11th July 2020 hosted by National Institute of Engineering, Mysuru.
3. “5G and Beyond” on 28th July 2020 hosted by J N N College Of Engineering, Shivamogga
4. “Image processing Applications” on 3rd July 2020 hosted by AIMIT IT Aloysius College (Autonomous) at Mangalore
5. “Computer Vision Applications Design” on 14th July 2020 hosted by ATRIYA Institute of Technology, Bangalore
6. “Face Recognition using Deep Learning” on 30th June 2020 hosted by Balaji Institute of technology and Science, Warangal
7. “Natural Language Processing” on 7th July 2020 hosted by Siddartha Institute of technology and Sciences
8. “Women Entrepreneurship” organized by “Equity Action Plan Cell” in association with mentor institute SJCE, Mysuru

Sl.No	Courses	Date	No. of Days	Conducted by
1	FDP on Virtual Instrumentation	6 th to 7 th Jan 2012	2	VVIET, Mysore
1	Akash for Education	10-11 Nov 2012	2	IIT Bombay
2	Simulation on COMSOL multiphysics software	14 May 2014	1	E&C Dept., SJCE
3	Embedded system Design using ARM7 & TMS320C6713	14-18 July 2014	1 week	TEQIP ,IT Dept., SJCE
4	Dielectric materials & Devices	25-26 July 2014	2	TEQIP ,E&C Dept.,SJCE
5	Financial management	30-31 July 2014	2	TEQIP,SJCE
6	Mathematics behind machine learning	21-23 Aug 2014	3	TEQIP,SJCE
7	Essentials of Latex	5-6 Sept 2014	2	TEQIP ,E&C Dept.,SJCE
8	Control systems	2-12 Dec 2014	2 weeks	IIT karagpur
9	Pedagogy for Effective use of ICT in Engineering Education	5 th Jan – 21 st Jan 2015	2 weeks	IIT, Bombay

10	National workshop on modeling and fabrication of smart materials for Nano devices and applications	29 th – 30 th May 2015	2	TEQIP ,E&C Dept.,SJCE
11	Workshop on Speech signal processing and its applications	6 th and 7 th Nov-2015	2	TEQIP ,E&C Dept.,SJCE
12	Workshop on Experimentations with Analog systems Lab kit	8 th Jan 2016	1	By Texas Instruments held at NIEIT, Mysore
13	Hands on Course FPGA and ASIC Design	28 th Dec 2015 to 1st Jan -2016	1 week	TEQIP ,E&C Dept.,SJCE
14	National seminar on Technological advances in M health and diagnosis of diseases using retinal Imaging	25 th Jan 2016	1	JSS Research Foundation, SJCE
15	Recent trends in communication Technology	29 th Jan to 30 th Jan 2016	2	TEQIP ,E&C Dept.,SJCE
16	Linear Algebra for electrical sciences	26 th to 29 th Feb 2016	4	TEQIP ,E&C Dept.,SJCE
17	Recent Trends in Biomedical Signal & Image Processing	10 th to 14 th March 2016	1week	TEQIP, Dept. of IT, SJCE
18	Authors workshop on Publish or Perish	26 th March 2016	1	TEQIP, SJCE
19	DSP toolbox usage in Pattern Recognition and Image Processing	15 th to 16 th April 2016	2	VVCE, Mysuru
20	Workshop on Pedagogy of instructional Design and delivery system	7 th to 12 th June	1 week	TEQIP, SJCE
21	Digital Image processing: Basics to recent trends	13 th to 17 th June 2016	1 week	TEQIP , CS&E Dept.,SJCE