



JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www. Jssateb.ac.in



FACULTY PROFILE

Department: Electronics & Instrumentation Engineering

1. Personal Details

NAME	Mr. P.Praveen	
DEPARTMENT	Electronics & Instrumentation Engineering	
DESIGNATION	Assistant Professor	
PHONE	+91 98449 96418	
EMAIL ID	praveenp@jssateb.ac.in	
Date of Joining (JSSATEB)	13-02-2013	

2. Experience

Total Experience in Years	Teaching: 9 Years	Industry: Nil	Research: Nil
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3. Qualifications

COURSES	SPECIALIZATION	YEAR OF AWARD	INSTITUTION	UNIVERSITY
B.E. / M.Sc.,	Instrumentation Technology	2009	Siddaganga Institute of Technology, Tumkur, Karnataka, India	Visvesvaraya Technological University
M.E. / M.Tech. / M.Sc.	Biomedical Signal Processing & Instrumentation	2012	Dayananda Sagar College of Engineering, Bengaluru, Karnataka, India	Visvesvaraya Technological University
Ph.D. (Pursuing)	Biomedical Image Processing	Pursuing	Sri Jayachamarajendra College of Engineering, Mysuru, Karnataka, India	JSS Science & Technology University
Post Doc.				

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 1	National: Nil
Papers Published in SCOPUS indexed Journals	International: Nil	National: Nil
Papers Published in other Journals	International: 5	National: 1
Papers Presented in Conferences / Symposium	International: 6	National: 3
Books / Book chapters Published	Name of the book: Publisher: Springer Year of Publication: August, 2021.	

	Name of the book: Nil Publisher: Year of Publication:
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5. Research Guidance

PhD Guide? Give field & University		
PhDs / Projects Guided		

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
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ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
	-	

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
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7. Awards Received

Sl.No	Award Details
1	Best paper award for the paper titled "Human gait feature extraction and analysis in habitually influenced lower back affected people" in the International Conference on Emerging Trends in Engineering and Technology-2021 held on 25 th March 2021.

8. Publications

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 Self Cleaning and Tracking of Photovoltaic Panel	Adithya P, Harsha Awate, Nikitha L, Vidhyashree H S and P Praveen	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	Volume 2, Issue 2, February 2021, pp 78-85	None		IJARSCT
2.	Quantification of Intervertebral Space of Lumbar Spine in Lower Back Pain	P.Praveen, Mallikarjunaswamy M. S., Chandrashekara S.	International Journal of Future Generation Communication and Networking (IJFGCN)	Vol. 13, No. 4, Nov- 2020, pp. 2409–2414	WoS		Science and Engineering Research Support Society (SERC), Nadia , PO

	Affected People						BOX 5075, Sandy Bay, Tasmania, Australia, 7005
3.	Smart Toolbox using RFID	Rohit M, P.Praveen, Sanjana, Shreya R Bhat, Tanuja Desai	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 04 Issue: 05 May -2020	None	4.106	IJSREM, Bangalore, Karnataka
4.	A Survey on Smart Toolbox Using RFID	Rohit M, P.Praveen, Sanjana, Shreya R Bhat	SSRG International Journal of Electrical and Electronics Engineering (SSRG - IJEEE)	Volume 6 Issue 11 Nov - 2019	None		SSRG International Journals, Thennur, Trichy
5.	Altered Temperature Threshold Assessment In Diabetic Patients Suffering From Peripheral Neuropathy	P.Praveen, C.R.Padma Maruthy K. N.	International Journal of Electronics Signals and Systems	Volume 2 Issue 3 , Article 11 Jan - 2013	None		Digital Commons Network

ii. National 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	Traffic Signals Following Robot using Canny Edge Method	Kishore C and Praveen P	Journal of the Instrument Society of India	Vol. 47, No. 1 Mar - 2017	None		Instrument Society Of India Indian Institute Of Science Bangalore-560012 Karnataka

iii. 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.	Human gait feature extraction and analysis in habitually influenced lower back affected people	Mallikarjunaswamy M.S., Ranjana K.R., P.Praveen., Chandrashekara S.	International Conference on Emerging Trends In Engineering And Technology 2021 (ICETET21)	March 2021			Laxmi Institute of Technology, Sarigam, Gujarath
2.	Quantification of Intervertebral Space of	P.Praveen, Mallikarjunaswamy M. S.,	International Conference on Data Science,	October 9-10, 2020			Sridevi Women's Engineering College, Hyderabad

	Lumbar Spine in Lower Back Pain Affected People	Chandrashekara S.	Machine Learning and its Applications				
3.	Extraction of Features in Abnormal Human Gait using Image Processing Techniques	Mallikarjunaswamy M.S., Ranjana K.R., P.Praveen., Chandrashekara S.	International Conference on Advances in Communications, Computing and Embedded Systems	September 18 – 19, 2020			Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad
4.	Influence of aging and high BMI on lower back pain	P. Praveen, Mallikarjunaswamy M.S.	International Conference on Machines and Mechanisms	pp 1446-1449 December 5-7, 2019			Indian Institute of Technology, Mandi.
5.	Facial Recognition Based Attendance System Using Matlab : A Review	Praveen P, Bhargavi S Badami, Gayathri H B, Vishnu Kulkarni, Prajwal R Yadav	National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM – 2019)	May 16 -17, 2019			JSS Academy of Technical Education, Bengaluru.
6.	A Survey on Diagnosis of Diabetic Peripheral Neuropathy	P.Praveen, D. Maheshkumar	International Conference on Signal, Image Processing, Communication and Automation - ICSIPCA 2017	July 2017			JSS Academy of Technical Education, Bengaluru.
7.	Traffic Signals Following Robot Using Canny Edge Method	Kishore C Praveen P	National Symposium On Instrumentation	NSI-40 pp 126 October 30 – 31, 2015			Kumaraguru College of Technology Coimbatore
8.	Altered temperature threshold assessment in diabetic patients suffering from peripheral neuropathy	P.Praveen, DR.Maruthy K N Ms C.R.Padma	International joint conference on “Emerging Intelligent Sustainable Technologies” EISTCON- 2012	Vol. No. 1 Issue No. 978-93-81693-76-6 pp: 155-156 May 3 – 4, 2012			Dayananda Sagar College of Engineering, Bengaluru.
9.	Estimation of Altered temperature threshold in diabetic patients suffering from peripheral neuropathy	P.Praveen, DR.Maruthy K N Ms C.R.Padma	BME Explore - 2012	Volume: 1 Page No. 181- 183 Jan - 2012			Bapuji Institute of Engineering & Technology

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1.	Online short term course titled Computer Vision the Artificial Intelligence for an Eye.	IIT, Indore	Feb 21 - 26, 2022
2.	Advanced ICT Tools for Higher Education	RVCE, Bengaluru	Sep 13 – 17, 2021
3.	Online Elementary FDP on " NEP 2020: Managing Change in Organisations"	Government College of Pharmacy, Karad.	Aug 23 – 27, 2021
4.	Online Elementary FDP on "MEMS Technology & Microsensors"	National Institute of Technology, Meghalaya	Jul 26 – 30, 2021
5.	Online Elementary FDP on "Personal Effectiveness"	Govt. Engineering College, Thrissur	Jul 12 – 16, 2021
6.	Two week FDP on "Opportunities and Challenges in Entrepreneurship"	JSSATE, Bengaluru	Mar 15 – 27, 2021
7.	Two week AICTE sponsored online FDP on Artificial Intelligence & Ambient Intelligence	Hindustan Institute of Technology & Science	Jan 25 – Feb 06, 2021
8.	Online Faculty development programme on Cyber security and Cryptography	IIT, Roorkee	Oct 7 – 11, 2020
9.	Online Faculty development programme on Machine Learning and Data Analytics Using Python	IIT, Roorkee	Apr 23 – May 1, 2020
10.	Five day workshop on Recent Advances in Electronics, Instrumentation and control Engineering	SJCE, Mysuru	Aug 22 – 26, 2019
11.	One week Faculty Development Program on Recent Advances in Wireless Communication Systems	SJCE, Mysuru	Jul 1- 5, 2019
12.	Two day seminar on Industry Institution Interaction and Research Meet in the areas of Electronics and Instrumentation Engineering and Health care Engineering	SJCE, Mysuru	Apr 26 – 27, 2019
13.	Seven days training programme on Data Analytics, Machine Learning and Applications in Engineering"	SJCE, Mysuru	Jan 10 – 16, 2019
14.	Two day FDP on Sasham – Microsoft Azure & Cognitive Services	JSSATE, Bengaluru	Sep 28 – 29, 2018
15.	One week Faculty Development Programme on Medical Instrumentation and Signal Analysis using Virtual Instrumentation Platform (A2A)	Ramaiah Institute of Technology	Jul 9 -14, 2018
16.	Three days faculty development programme on Embedded Controller Lab using ARM Cortex M3	JSSATE, Bengaluru	Jan 4 – 6 2018
17.	Workshop on Research Methodologies	JSSATE, Bengaluru	Nov 18 – 19, 2017
18.	Six days workshop on Things to Analytics	SIT, Tumakuru	Dec 21 – 26, 2016
19.	National Workshop on Accreditation Process for Technical Institutions	JSSATE, Bengaluru	Aug 26 – 27, 2016
20.	Five days faculty development program on "GNU Radio and Software Defined Radio"	JSSATE, Bengaluru	Jun 27 – July 1, 2016
21.	Three days workshop on Signal image processing & SDR using Labview	JSSATE, Bengaluru	Jun 22 – 24, 2015
22.	One week faculty development programme Global Business Foundation Skills	JSSATE, Bengaluru	Dec 29, 2014 – Jan 3, 2015.
23.	Workshop on Recent Trends in Communication Engineering	SIT, Tumakuru	Jan 23-25, 2014
24.	One week training on Outcome based Education – The science of being a Teacher	BMS College of Engineering	Jun 10-15, 2013
25.	Two days workshop on Applications of Wavelets for Signal & Image Processing in Research	JSSATE, Bengaluru	April 8-9, 2013

v. Workshops / Conference (Orgained)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
1	International Conference on Signal, Image Processing, Communication and Automation - ICSIPCA 2017	Dept. of E&CE and E&IE	Jul 6 -7, 2017	Organizing committee

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

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	International Conference on Data Science, Machine Learning and its Applications	Sridevi Women's Engineering College,Hyderabad	October 9 -10, 2020
2	International Conference on Advances in Communications, Computing and Embedded Systems	Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad	September 18 – 19, 2020

26. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Health Research Fundamentals	ICMR –National Institute of Epidemiology	Sep 2019	68%
2	Soft Skills	Indian Institute of Technology, Roorkee	Dec 2020	79%

27. Membership of Professional Bodies:

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

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

Mr. P.Praveen
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