




JSS MAHAVIDYAPEETHA
JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA
C-20/1, Sector-62, Noida-201 301, Uttar Pradesh
Department of Electrical and Electronics Engineering

FACULTY PROFILE

Department: Electronics and Communication Engineering

1. Personal Details

NAME	Dr. Preeti Jaidka	
DEPARTMENT	Electronics and Communication Engineering	
DESIGNATION	Assistant Professor	
PHONE	09873287882	
EMAIL ID	preetijaidka@jssaten.ac.in	
Date of Joining (JSSATEN)	13-02-2006	

2. Experience

Total Experience in Years	Teaching: 17 Years	Industry: Nil	Research: Nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
PhD	ECE	2020	-	Mewar University , Rajasthan
M.Tech	ICE	2004	SLIET, Longowal	IKGPTU, Jalandhar
B.Tech	Electronics & Instt	2002	AIET, Faridkot	IKGPTU, Jalandhar
Diploma	ECE	1999	GPW, Jalandhar	Punjab State technical Board, Chandigarh

4. Research & Publications

Papers Published in other Journals	International: 04	National: 02
Papers Presented in Conferences / Symposium	International: 07	National: 09

5. Research Guidance

PhD Guide? Give field & University	Nil	
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PhDs / Projects Guided	Nil	

6. Grants

i. Funds Received (Projects)

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

ii. Patents

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

iii. Consultancy

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

7. Awards Received

Awards	Won bronze medal in M.tech from IKGPTU Jalandhar ,Punjab
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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	Mechanical and Electromagnetic Properties of Plasma sprayed Ceramic Materials	Dr. Y.K.JainPreeti Jaidka, Dr. Vikas Chawla	International Journals of Electronics Engineering	11,1, 2019			Computer science and Electronics

							Journals
2	Underground cable fault detection using Arduino	Preeti Jaidka, Shreeya Shrivastava, Sonal Shrivastava, Shiv Pratap	International Journal of Electronics, Electronics and Computational system	1 5,2016			
3	Wireless Biomedical Parameter Monitoring System Using ZigBee CC2500 RF Module	Prashant Tripathi, Naman Pal, Paras Kaushal, Preeti Jaidka	International Journal of Electronics, Electrical and Computational System, IJECS	4,5,2015			
4	Precise mass measurement using data acquisition system	<u>P Jaidka, S Chandra, S Dutta, P Gupta</u>	International journal of science, engineering and technology research	3,2014			

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	Impact of angles on Radar Absorbing materials using Alumina and Titania for X-band frequency Titania for X-band frequency range”, Global Journal of Engineering Science and ...	Dr. Y.K.Jain Preeti Jaidka, Dr. Vikas Chawla	Global Journal of Engineering Science and Researches	5 12,,2018			GJESR
2	Internet of Things Using Raspberry pi 2	<u>S Awasthi, S Singh, R Soni, P Jaidka - ...</u>	<u>Journal of Electrical, Electronics and Computer Systems,</u>	2016			

iii. Conferences

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	Performance analysis of various deep learning techniques for brain tumor classification”,	Sachin Jain Preeti Jaidka	Power, Instrumentation, Energy and Control (PIECON 2023)),10-12/02/2023	10-12/02/2023,	Scopus		Aligarh Muslim University (AMU).
2	Mango Leaf disease Classification using deep learning Hybrid Model”,	Preeti Jaidka Sachin Jain	Power, Instrumentation, Energy and Control (PIECON 2023)),10-12/02/2023	10-12/02/2023	Scopus		Aligarh Muslim University (AMU).
3	QUICK EARN INTELLIGENT BIN (QUEIB)	Preeti Jaidka MadhumayTripathiRupesh GuptaLaukik PandeyArunPratap Singh	International Conference On Systems Control and automation	12-13 May 2023	Scopus		NIT Kurukshetra
4	Brain Tumor Classification using Deep learning based novel Hybrid Approach	Preeti Jaidka Sachin Jain	Second International Conference On Edge Computing And Applications (ICECAA 2023	19-21, Jul 2023	Scopus		
5	PLC Based Automatic Dam Shutter Control	Kajal Singh Robin Singh Shivam Mishra Vipin Singh, Ms. Preeti Jaidka	Online International Conference on Intelligent Control and Computation for Smart	25-26 Sept, 2020			JSSATE,Noida

			Energy and Mechatronics Systems (ICCSEMS - 2020)				
2	Automated Flow and Level Controller System for Industrial, Commercial and Home Application	ArunSardana, AyushGoyal, ShivamTyagi, Ms. Preeti Jaidka	Online International Conference on Intelligent Control and Computation for Smart Energy and Mechatronics Systems (ICCSEMS - 2020)	25-26 Sept,2020			JSSATE,Noida
3	Blood glucose monitoring using near-infrared spectroscopy	AdarshaWankhade, Ms. Preeti Jaidka	Online International Conference on Intelligent Control and Computation for Smart Energy and Mechatronics Systems (ICCSEMS - 2020)	25-26 Sept,2020			JSSATE,Noida
4	Voice Controlled Wheelchair Using Android Application	Mohd. AlamMs. PreetiJaidka,RajKirti, ,Vikas Kumar	National Conference on Smart Energy Systems	June,2019			JSSATE,Noida
5	Wireless Network for Access Control and Authentication System	MahimaMathur Ms. Preeti Jaidka, NidhiUtreja , Vatsalsingh	International Conference On "Electrical, Electronic Communication, Industrial Engineering and Technology Management	April,2018			JNU New Delhi

			Collaboration: Breaking the Barriers” (EIT – 2018)			
6	Automatic Bottle Filling Using LABVIEW	AyushRungtaPreeti Jaidka, VaibhavSareen, Jalaj Chaudhary	International Conference On “Electrical, Electronic Communication, Industrial Engineering and Technology Management Collaboration: Breaking the Barriers” (EIT – 2018)	April,2018		JNU New Delhi
7	Smart Traffic Light Controller	Priyanshu Agrawal Preeti Jaidka, Chandrika Bulusu,Saurabh	International Conference on Innovative Research in MECIT	April, 2017		International Conference at JNU New Delhi
8	Microwave Absorbing materials a Review.	Ms. Preeti Jaidka, Dr. Vikas Chawla	International Conference on “AFTMME”	October,2012		IKGPTU,Jalndhar
9	Multimedia Applications in medical science	AjiteshMishra,MsPreeti Jaidka	Emerging Trends in Computer Applications	29-30 October,2010		Guru Nanak College, Yamuna nagar
10	Phase change random access memory	Ms. Preeti Jaidka	Emerging trends in industrial automation and soft sensors	September 2010		Graphic era University Dehradun
11	Biomedical applications of nanotechnology	Ms. Preeti Jaidka	“Nano science & Technologies”	Jan 2009.		ABES Engineering College Ghaziabad (U.P)

12	Mathematical Modeling of EMG	Ms. Preeti Jaidka	Emerging Computer Technologies ”	September 2005.			H.M.V Jalandhar (Punjab)
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iv. Workshops /Conferences Attended

S. No.	Name of the Workshop/conference	Organizer	Date
1	"Evolution of RF Technology- Role of Academia and Industry"	JSS academy of technical education, NOIDA Department of Electrical and Electronics Engineering	22nd to 25th June, 2020,
2	Outcome based Education	Internal Quality Assurance Cell, PVG's College of Engineering and Technology, Pune-09in association with INPODS India Pvt. Ltd.,	6 th -8 th October 2020
3	“Polytechnic Education – Embracing industrial revolution 4.0”	JS S Mysore and Dept. Of Collegiate & Technical Education Govt. Of Karnataka	29-31 December 2020
4	Research methods in Educational Technology	National Mission on Education through ICT(MHRD)	2 ND and 9 th February 2013
5	Recent Technological developments in the field of Electrical Engineering	JSSATE,NOIDA	23 rd -24 th August 201
6	Digital Signal Processing	Cranes Software International and JSSATE,NOIDA	22 23 Jan,2009

v. Workshops / Conference (Organized)

S. No.	Name of the Workshop/conference	Organized By	Date
1	STTP on Solar PV and Storage systems	JSSATE,NOIDA	7-12 December 2020
2	Project Poster Presentation	JSSATE NOIDA	20 th May 2022

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

S. No.	Name of the Workshop/conference	Organizer	Date
1.	Inculcating Universal Human Values in Technical Education”	All India Council for Technical Education	26-30 December 2022

2.	Recent Trends in Precision Agriculture	ATAL Online	May 31 - 04 June 2021
3.	Quantum Artificial Intelligence	ATAL Online	24th-28th May 2021
4.	Qualitative research, blogs writing and neuro Science in outbreak of COVID-19	JSS Academy of Technical Education Noida organized by the Department of Computer Applications.	20 - 22 May, 2020,
5.	Coatings & Surface Engineering - Addressing the Needs of Industry"	Society of Materials and Mechanical Engineers (SOMME). (AICTE and ISTE approved)	10 June 2020 to 16 June 2020
6.	Two Week Online FDP on Python	JSSATE, NOIDA and Spoken tutorial IIT BOMBAY	22 nd June-04July 2020
7.	Antenna :design, fabrication and testing (ADFT)2016	JSSATE,Noida	5-9 December, 2016
8.	Effective curriculum implementation through ICT	NITTR, Chandigarh	7-11 March,2016
9.	Technology Management	NITTR, Chandigarh	22-26 February,2016
10.	Research Methodology through ICT	NITTR, Chandigarh	28 December to 8.01.2016
11.	Instructional Planning and delivery through ICT	NITTR, Chandigarh	11-15 May 2015
12.	Engineering Materials	TEQIP(Phase –II)	17-21 December, 2012

9. Details of NPTEL / COURSERA courses completed

S. No.	Name of the Subject	Organized By	Date of Completion Award	Grade/Marks
1	Basic Electronics	NPTEL Online	2021	Elite / 60%
2	Control engineering	NPTEL Online	2020	Gold / 97%
3	Biomedical Signal Processing	NPTEL Online	2018	Elite / 60%

10. Membership of Professional Bodies:

1. IEEE Member

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

Name: Dr. Preeti Jaidka

Designation: Assistant Professor

Department: Electronics and Communication Engineering, JSSATEN