




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



FACULTY PROFILE

1. Personal Details

NAME	Mrs. MONIKA MALIK	
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR-II	
PHONE	9971055554	
EMAIL ID	monikamalik@jssaten.ac.in	
Date of Joining (JSSATEN)	16-08-2007	

2. Experience

Total Experience in Years: 14	Teaching: 14 Years	Industry: Nil	Research: Nil
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Electronics and Communication Engineering.	2002	MCET, Lakshmangarh	Rajasthan University
M. Tech.	Digital Communication	2014	JEC, Jaipur	Rajasthan Technical University
Ph.D.	Wireless Sensor Networks	Pursuing	Jaypee institute of information Technolgy Noida	Jaypee University
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 00	National: 00
Papers Published in SCOPUS indexed	International: 02	National: 00

Journals		
Papers Published in other Journals	International: 01	National: 00
Papers Presented in Conferences / Symposium	International: 04	National: 00
Books / Book chapters Published	Name of the book: NIL Publisher: Year of Publication:	

5. Research Guidance

PhD Guide? Give field & University	No	NA
Ph.D.s / Projects Guided	Ph.D. Awarded: No Guiding: NIL	Projects at Master's Level: - Nil Projects at Bachelor's Level: 20

6. Grants

i. Funds Received (Projects)

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

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
-	-	-	-	-

7. Awards Received

Awards "Best Paper Award"	Nil
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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	Data Aggregation Technique using Genetic Algorithm.	Monika Malik, Nischal Maurya	International Journal of Advance Engineering and Research Development	Volume 5, Special Issue 01, Jan.-2018 (UGC Approved) e-ISSN (O): 2348-4470	-	-	IJAERD

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
-	-	-	-	-	-	-	-

iii. Conferences

Sl. No.	Title of the paper	Name(s) of Author(s)	Name of the Conference	Volume No. Issue No. Year	WOS / Scopus	Impact Factor	Publisher
1	Enhancement of Network Life Time in the LEACH Protocol for Real Time Applications	Monika Malik; Gayatri Sakya, Alok Joshi	International Conference of Contemporary computing	-	Scopus		ACM ICPS ISBN Number: 978-1-4503-8920-4
2	Network Lifetime Improvement for WSN using Machine Learning	Monika Malik; Dr.Alok Joshi, Dr.Gayatri Sakya	International Conference On Signal Processing And Communication 2021	-	Scopus		IEEEExplore
3	Performance of sensor Node with various	Monika Malik Dr Alok Joshi	ICCSEMS-2020		-	-	-

	fading model						
4	Machine learning Based Smart Alert System for Covid-19 Mask Detection	Monika Malik, Anuransha Sonkar, Prakmya	NCSEVES-2021	-	-	-	-
5	Performance analysis of LEACH protocol using Fuzzy Logic.	Monika Malik, Dr Garima Mathur ,	NCFTAST-2014	-	-	-	-

iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Digital Tools for Writing, Authoring & Reviewing	IITR	12 th -23 rd July2021
2	Advancement in Wireless communication and Signal processing.	JIIT, Noida	26 th -31 st July 2021
3	International conference on contemporary Computing – Presented Paper	JIIT, Noida	7 th Aug 2021
4	NCSEVES-2021-Presented Paper	JSSATE, Noida	24 th Sept 2021
3	ICCSEMS-2020-Presented paper	JIIT, Noida	26 th Sept 2020
3	Machine Learning and its application	IIT Rourkee	4 th -12 th May 2020
4	Artificial Intelligence and 5G Communication Technology AICTE-AQIS Sponsored Short Term Training Program.	PEC Jaipur	5 th -10 th Oct 2020
5	Data Science Using Python	IIT, BHU	16 th Aug-05 th Oct 2020
6	Two Week FDP on “PYTHON” Under Spoken Tutorial Project	IIT Bombay	22 th June – 05 th July, 2020
7	Workshop on Internet of Things – International center for Advanced Research and Studies.	ICARS- Delhi	22 nd June-26 th June2020
8	FDP on Latex and its Applications for Researchers	VCE Mysuru	20 th -24 th July2020
9	Workshop on Research Tools	ICARS, Delhi	29 th June -3 rd July2020
10	Robotics and AI	JIIT, Noida-(24 th -28 th June2019
11	Next Generation Nano Satellite	JSSATE, Noida	7 th -11 th May2018

	Communication		
12	Introduction to Robotics-eyantra	IITM- KEC Gzb	26 th & 27 th April 2019
13	Summer Faculty Research Fellow Programme -	IIT Delhi	15 th June -14 th July 2017
14	Wireless LAN	NITTR Chandigarh	30th July-3rd Aug2012

v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	Conference: Intelligent Control and Computation for Smart Energy and Mechatronic Systems (ICCSEMS-2020) .	JSS Academy of Technical Education, Noida.	24 th -26 th Sep 2020	Session Coordinator
2	Workshop: Next Generation Nano Satellite Communication Organizing , (7th-11th May18)	JSS Academy of Technical Education, Noida.	7 th -11 th May 2 018	Team member
3	Workshop: Wireless Sensor Networks Using NetSim	JSSATE, Noida in association with Nex Robotics & Tetcos Bangalore.	28 th -29 th October 2015	Team members

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	Artificial Intelligence and 5G Communication Technology	PEC, Jaipur	April 26 to May 01, 2021
2	Internet of Things and Data Analytics	JSSATE, Noida	2nd -8th Dec 2020

9. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
1	NPTEL: Introduction to Machine Learning	IITB	Jan-May 2020	70%
2	NPTEL: Introduction to IOT	IIT Kharagpur	8 th Jan-9 th April 2021	-

10. Membership of Professional Bodies:

Nil

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

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