




FACULTY PROFILE

1. PERSONAL DETAILS

NAME	Dr. Sadhana Kumari	
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING	
DESIGNATION	Assistant Professor	
PHONE	8431571994	
EMAIL ID	sadhana.kumari@jssaten.ac.in	
Date of Joining (JSSATEN)	25/01/24	

2. EXPERIENCE

Total Experience in Years: 4 and half years	Teaching: 2 years and 9 Months	Industry: 1 years and 9 Months	Research: 1 year 9 Months
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3. QUALIFICATIONS

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Electronics and communication Engineering	2009	M.J.P ROHILKHAN UNIVERSITY, BAREILLY	M.J.P ROHILKHAN UNIVERSITY, BAREILLY
M.Tech.	VLSI design and Embedded system	2011	NIT Rourkela	NIT Rourkela
Ph.D.	RF and Microwave	2021	NIT Patna	NIT Patna
Post Doc.	-	-	-	-

4. RESEARCH & PUBLICATIONS

Papers Published in SCIE Journals	International: 05	National: 00
Papers Published in SCOPUS indexed Journals	International: 1	National: 00
Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 06	National: 00

Books / Book chapters Published	-
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5. RESEARCH GUIDANCE

PhD Guide? Give field & University	No	No
PhDs / Projects Guided	No	No

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	Application Number	Filing date	Publication date
1	-	-	-	-

iii. CONSULTANCY

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

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	Highly-efficient tunable dipole-driven Yagi-Uda	Naveen Kumar Maurya,	Nano Communication Network	38	WOS	2.9	Elsevier

	antenna with end-fire radiation for terahertz application	Sadhana Kumari, Prakash Pareek, Gaurav Varshney					
2	Graphene-based frequency agile isolation enhancement mechanism for MIMO antenna in terahertz regime	Naveen Kumar Maurya, Sadhana Kumari, Prakash Pareek, Lokendra Singh	Nano Communication Network	35	WOS	2.9	Elsevier
3	C/X-BAND SUBHARMONIC MIXER USING SINGLE OSCILLATOR AND ITS DESIGN FLOW	S. KUMARI, S. SINGH, AND S. SINGH	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	32	WOS	1.7	Wiley
4	A LOW CONVERSION LOSS BALANCED SINGLE SUBHARMONIC MIXER	S. KUMARI, P. MONDAL	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER AIDED ENGINEERING	30	WOS	1.7	Wiley
5	A WIDEBAND SUBHARMONIC MIXER WITH LOW CONVERSION LOSS AND HIGH PORT-TO-PORT ISOLATIONS	S. KUMARI, R. PAL, & P. MONDAL	IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II: EXPRESS BRIEFS	67	WOS	4.73	IEEE
6	A Wideband Subharmonic Mixer Incorporating Signal	S. KUMARI & P. MONDAL	International Journal of Engineering and	9	Scopus		

	Interference Technique Based Isolation Circuit		Advanced Technology				
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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	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	Design and Parametric Study of Monopole Blade Antenna for UHF-Band Aerospace Applications	Sadhana Kumari Naveen Kumar Maurya Tripta Argha Sarkar	International Conference on Cognitive Computing and Cyber Physical Systems				Springer
2	Design of a subharmonic mixer for millimeter-wave applications	Sadhana Kumari, Priyanka Mondal	Progress in Electromagnetics Research Symposium - Fall (PIERS - FALL)				IEEE
3.	A Fixed-Tuned 85-105 GHz Subharmonic Mixer Using Schottky Diodes	Sadhana Kumari, Priyanka Mondal	IEEE MTT-S International Microwave and RF Conference				IEEE
4	Design and Analysis of 1.5 GHz LNA with Sufficient	Sadhana Kumari, Priyanka Mondal	IEEE MTT-S International Microwave and RF Conference				IEEE

	Gain and Noise Performance						
5	Tunable UWB Metasurface Absorber for Smart City Compatible IoT Applications	Naveen Kumar Maurya, Sadhana Kumari, Prakash Pareek, Jayanta Ghosh, Manuel J Cabral S Reis	International Conference on Cognitive Computing and Cyber Physical Systems				SPRINGE R

iv. WORKSHOPS / CONFERENCES ATTENDED

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	-	-	-

v. WORKSHOPS / CONFERENCE (ORGANIZED)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1	-	-	-	-

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	-	-	-

9. DETAILS OF NPTEL / COURSERA COURSES COMPLETED

Sl. No.	Name of the subject	Organized by	Date of completion / Award	Grade / Marks
-	-	-	-	-

10. MEMBERSHIP OF PROFESSIONAL BODIES:

1. IEEE

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

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