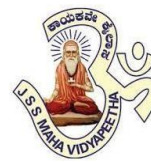




**JSS Mahavidyapeetha**  
**JSS Academy of Technical Education, Noida**  
**Department of Electronics & Communication Engineering.**



**FACULTY PROFILE**

**1. Personal Details**

NAME	Dr. JYOTHISHREE PILLAI	
DEPARTMENT	ELECTRONICS & COMMUNICATION ENGINEERING	
DESIGNATION	ASSISTANT PROFESSOR	
PHONE	7303134565	
EMAIL ID	<a href="mailto:jyothishree@jssaten.ac.in">jyothishree@jssaten.ac.in</a>	
Date of Joining (JSSATEN)	4-10-2024	

**2. Experience**

Total Experience in Years: 5.5 years	Teaching: 6 months	Industry: 1 year	Research: 4 years
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**3. Qualifications**

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.Tech.	Electronics and Communication Engineering	2016	Sree Buddha College of Engineering	Kerala University, Kerala
M.Tech.	Wireless Communication	2018	School Of Engineering	Cochin University of Science and Technology (CUSAT), Kerala
Ph.D.	Antennas for millimetre and sub-millimetre wave application	2024	School Of Engineering	Shiv Nadar Institute of Eminence, Delhi NCR
Post Doc.	-	-	-	-

**4. Research & Publications**

Papers Published in Web of Science indexed	International: 03	National: 00
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Journals		
Papers Published in SCOPUS indexed Journals	International: 00	National: 00
Papers Published in other Journals	International: 00	National: 00
Papers Presented in Conferences / Symposium	International: 09	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: Yes Guiding: NIL	Projects at Master's Level: NIL Projects at Bachelor's Level: 4

## 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

<b>Awards “Best Paper Award”</b>	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	Radiated power and directivity analysis of a nano-dot photoconductive antenna	Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	<i>Optical and Quantum Electronics</i>	Volume-55 no. 11, p. 1017, 2023.	Both	3.3	Springer Nature
2	Efficiency enhancement of a circularly polarised slotted waveguide antenna array for sub-thz applications,	Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	<i>Optical and Quantum Electronics</i>	Volume 56 article number 805, (2024)	Both	3.3	Springer Nature
3.	Wide Half Power Beamwidth MIMO Antenna for Vehicular RADAR System	Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	<i>International Journal of Applied Electromagnetics and Mechanics</i>	Volume 56 article number 802, 2025	Both	1.1	IOS Press

### 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.	Quad-band graphene antenna for 60–120 ghz indoor communication	Jyothishree Pillai, Deepak Yadav, Jitendra Prajapati and	IEEE Xplore digital Library	2021, pp. 276–279.	YES	-	<i>IEEE Indian Conference on Antennas and Propagation (InCAP),</i>
	system,	Madhur Deo Upadhayay					
2.	Compact wideband h-shaped slot antenna for sub-thz applications	Jyothishree Pillai, Deepak Yadav, Jitendra Prajapati and Madhur Deo Upadhayay	IEEE Xplore digital Library	2022, pp. 1–6.	YES	-	<i>IEEE Delhi Section Conference (DELCON), IEEE, 2022</i>
3.	Optimization analysis of a nano-dot photoconductive antenna	Jyothishree Pillai, Deepak Yadav, Jitendra Prajapati and Madhur Deo Upadhayay	IEEE Xplore digital Library	2022, pp. 1–4.	YES		<i>IEEE MTT-S International Conference on Numerical Electromagnetic and Multiphysics Modelling and Optimization (NEMO), FRANCE</i>
4.	An octagon patch antenna for OAM mode generation	Deepak Yadav, Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	IEEE Xplore digital Library	2022, pp. 1–5.	YES		<i>2022 IEEE Delhi Section Conference (DELCON)</i>
5.	A spiral array for OAM mode generation,” in),	Deepak Yadav, Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	IEEE Xplore digital Library	2022, pp. 1–4.	YES		<i>2022 IEEE International RF and Microwave Conference (RFM), Malaysia</i>

6.	Optimizing OAM Beam's Divergence Angle in RF with Hemi-Spherical Dielectric Lenses	Deepak Yadav, Jyothishree Pillai, Madhur Deo Upadhayay and Jitendra Prajapati	IEEE Xplore digital Library	296-300	YES		2024 25th International Microwave and Radar Conference (MIKON), Polland
7.	Filtenna Design for Wireless Communication	Akanksha Sharma, Jyothishree Pillai, Jitendra	IEEE Xplore digital Library	2024 pp,1-4	YES		3rd International Conference for Innovation in Technology (INOCON), Bangalore
		Prajapati and Madhur Deo Upadhayay					
8.	Compact Microstrip Lowpass Filter with Ultra-wide Stopband Bandwidth	Jyothishree Pillai, Abdulla P, and Rekha T K	IEEE Xplore digital Library	2018, pp, 1-4	YES		Proc. of International Symposium on Antennas & Propagation APSYM 2018

#### iv. Workshops /Conferences Attended

Sl. No.	Name of the workshop / Conference	Organizer	Date
1	Multifunctional MIMO Antennas for Efficient Spectrum Utilization	IIT Palakkad	11 <sup>th</sup> March,2023

#### v. Workshops / Conference (Organized)

Sl. No.	Name of the workshop / Conference	Organized by	Date	Role
1.	Eighth IFAC International Conference on ADVANCES IN CONTROL AND OPTIMIZATION OF DYNAMICAL SYSTEMS (ACODS 2024)	Shiv Nadar Institute Of Eminence	12-15 March, 2024	Volunteer

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

Sl. No.	Name of the workshop / Conference	Volunteer	Date
1.	RF and Microwaves: from Theory to Experiments (TEQIP Sponsored)	School of Engineering, CUSAT	7 <sup>th</sup> May to 11 <sup>th</sup> May, 2018

#### 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:**

IEEE Member- 97099925
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**11. Any other information you will like to share about your professional experience**

