




**MAHARAJA INSTITUTE OF TECHNOLOGY THANDAVAPURA**  
MYSURU - OOTY ROAD, JUST OFF NH 766 NANJANAGUDU TALUK,  
THANDAVAPURA, KARNATAKA 571302

Date:02/08/2023

### Faculty Profile

<b>Name:</b>	Dr. Rakshith K	
<b>Current Designation:</b>	Professor	
<b>Date of Current Designation</b>	03/01/2022	
<b>Department</b>	Electronics and Communication Engineering	
<b>University Faculty Reg. No</b>	4MNEC0007915	

Qualification:

Degree	Year	College and University
PhD.	2017	VTU BELAGAVI
M.Tech	2013	(Digital Electronics and Communication) NMAMIT,NITTE
B.E	2011	(Electronics and Communication) MIT MYSORE

Date of joining to the Institute: 1/07/2017

Details of Positions Occupied:

Designation	Duration		Department
	From	To	
Professor	03/01/2022	Till Date	ECE
Associate Professor	1/07/2017	02/01/2022	ECE
Assistant Professor	01/08/2013	30/06/2017	ECE
L&T Infotech	01/06/2012	30/06/2013	Industry

Details of Publication:

No. of papers published in National Conference:	2
No. of papers published in Inter-national Conference:	2
Number of International Journal:	5

Description of the paper and Reference
<b>1.</b> RakshithK ,Ratheesh L “ <b>Development of LTE UE Protocol Stack at Non Access Stratum Layer</b> ” Published at International Journal Trend in Research and Development. (ISSN: 2394-9333), Volume 2 Issue 5, September – October 2015
<b>2.</b> RakshithK , Mahesh Rao “ <b>A Survey on Machine to Machine Communication in LTE-Advanced</b> ” Published at IDES International Joint Conference on AET, ComNet and PCIE 2014 Kochi, India ,Dec 2014
<b>3.</b> RakshithK , Mahesh Rao “ <b>Wi-Fi Enabled Device-to-Device Communication in Underlying Cellular networks</b> ” Wispnet 2016
<b>4.</b> SayedYaseenilahi, Rakshith K “ <b>An Efficient Fault Tolerance Algorithm for wireless sensor Networks</b> ” published at IJETST Volume 2 Issue 07 July 2015

<b>5.</b> Avinash Nayak, Rakshith K “ <b>Energy Efficient Hierarchical Based Routing Protocol for Mobile Wireless Sensor Network</b> ” published at IJETST volume 02 Issue 07 July 2015
<b>6.</b> Manju M, Rakshith K “ <b>Congestion Control in wireless Peer Networks</b> ” published at IJETST Volume 2 Issue 08 August 2015.
<b>7.</b> RakshithK , Mahesh Rao “ <b>New technology for machine to machine communication in SoftNet towards 5G</b> ” . International Journal of Wireless & Mobile Networks (IJWMN) Vol. 9, No. 2, April 2017 IJWMN 2017 march issue
<b>8.</b> Rakshith K , Mahesh Rao " <b>Routing protocol for device to device communication in SoftNet towards 5G</b> ". ICTIS 2017
<b>9.</b> Rakshith K, Mahesh Rao “ <b>Security and Handover Mechanism for device-to-device Communication in SoftNet towards 5G</b> ”. ICSIP2017

No of National Workshops / FDP attended: 03

Workshop Title	Venue	Date
IIT Bombay, E-Yantra Lab Setup Initiative(eLSi)	Malapuram Kerala	17/08/2018-18/8/2018

Responsibilities taken in college level:

Event	Positions	Year
1.Dean Research and Consultancy		2020-Till Date
2.Sports Coordinator		2018- Till Date
3.College Marketing and Responsibilities Coordinator		2018-Till Date

Responsibilities taken in Department level:

Committee	Positions	Duration	
		From	To
Mini Project		2020	Till date
IQAC Coordinator		2020	Till Date
Laboratory Coordinator		2020	Till Date
Student Mentor	Mentor	2020	Till date

No of student projects carried out as a guide (UG):

Project Name & Descriptions	Year
Smart Motion Detection System using Raspberry Pi and Android App	2019-20
NFC Based Locking and Unlocking System	2020-21
CNC MACHINE PCB Plotter & Drawing Machine Using Embedded Technology	2021-22
IOT Based Smart Health Monitoring System	2022-23

No of subjects taken for UG students:

<b>Subject Title</b>	<b>Year</b>	<b>Semester and branch</b>	<b>No. of students attended</b>	<b>No. of students passed</b>	<b>Pass percentage</b>
Network Theory-18EC32	2021-22	III	40	34	85%
Principles of Communication Systems Syllabus -18EC53	2021-22	V	30	27	90%
Computer Networks – 18EC71	2021-22	VII	39	38	97%
Computer Networks LAB – 18EC76	2022-23	VII	39	39	100%
Basic Electronics-18ELN14	2020-21	I (A&B)	42+42	70	84%
Basic Electronics-18ELN24	2020-21	II(C&D)	43+41	72	86%
Digital Communication Syllabus -18EC61	2021-22	VI	30	25	84%
Basic Electronics-21ELN24	2022-23	II	46	40	87%
Principles of Communication Systems Syllabus -18EC53	2022-23	V	38	32	84%
Computer Networks – 18EC71	2022-23	VII	30	30	100%
Computer Networks LAB – 18EC76	2022-23	VII	30	29	97%
Mini Project-18ECMP68	2022-23	VI		AWAITING	AWAITING
Communication Theory- 21EC44	2023-24	IV	58	AWAITING	AWAITING

Personal Details:

Permanent Address: #303, Malgudi Apartments Lakshmipuram Mysore 570004

Blood group: O+

Date of Birth: 05/09/1989

Father's name: Dr. Y.T.Krishne Gowda

Mother' name: Veena S

Nationality: Indian