

PROFILE

Name	LOKESHA A M
Position & Affiliation	Associate Professor, Department of ECE
Areas of Interest	Communication Systems
Email	lokesh.ece@cambridge.edu.in
LinkedIn ID	https://www.linkedin.com/in/lokesh-a-m-2460001a1/
Google Scholar ID	https://scholar.google.com/citations?user=OcabEMsAAAAJ&hl=en
Orchid ID	-----
Vidwan ID	566390
Scopus ID	-----
Professional Webpage (if any)	-----

Educational Qualifications:

Ph.D	Visvevaraya Technological University	India	Pursuing
MTech	Visvevaraya Technological University	India	2011
BE	Visvevaraya Technological University	India	2008

Areas of Research:

Communication Systems, Circuits Analysis, and Microwaves & Satellite Communication

Brief Profile: (write about yourself)

Completed M.Tech in Computer Science and Engineering from R V College of Engineering, VTU and pursuing PhD on “Intelligent Reflective Surfaces” in the field of Communication Systems, VTU. He has seventeen years of experience in academics. He has taught various subjects such as Network Analysis, Analog Electronics Circuits, Linear Integrated Circuits, Analog Circuits, Basic Electronics, Microwaves and Radar, Microwaves and Antennas, Radar Engineering, Satellite Communication, Analog Communication, Digital Communication, etc. He has attended 11 FDPs on various topics. He has published 11 technical papers in various national conferences. He has published 04 patents. He has attended 06 workshops and conducted 02 workshops. He has delivered 02 guest lectures.

Add about setting up labs and consultancy (if any)

NIL

Awards/Achievements/Others:

1. Received an appreciation letter for the contributions as a resource person for the course “Network Analysis as part of the GATE coaching at Cambridge Institute of Technology, K R puram, Bengaluru-36 during the year 2019”
2. Received an appreciation letter for achieving the 100% results in “Microwaves and Antennas, and Satellite communication for three times continuously.
3. Received the best project award for the UG 8th semester project in connection with the best social relevance in the project exhibition held at Cambridge Institute of Technology, K R puram, Bengaluru-36 during the year 2018.

Courses Taught: Network Analysis, Analog Electronics Circuits, Linear Integrated Circuits, Analog Circuits, Basic Electronics, Microwaves and Radar, Microwaves and Antennas, Radar Engineering, Satellite Communication, Analog Communication, Digital Communication, Power Electronics & instrumentation.

Publications/Patents:

Publications

1. Anirudh Sheshadri, Durgesh, Deepak, Gaurav, Lokesha A M, Mahesh A, Rukmini T.S, “PHASED ARRAY ANTENNA FOR SMART ANTENNE APPLICATIONS” in the IETE conference on RF & WIRELESS-2010, conducted during 7th to 9th October 2010 at IETE, Bangalore.
2. Lokesha A M, Rajashree Shettar, “BLUETOOTH DRIVER AND APPLICATION IMPLEMENTATION WITH WINDOWS CE OPERATING SYSTEM ON PXA 270 PLATFORM” on 11th November 2011 at Regency Institute of Technology, Yanam, Puducherry University, India.
3. Presented a paper on “AUTOMATIC DRIVER DROWSINESS, FINGER PRINT ALERT AND ALCOHOL DETECTION SYSTEM” in RTIMET-2019, at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
4. Nikitha L, Soundarya CS, Syed Tawakkal, Darshan S M, Lokesha A M, on “Sign language vocaliser for mute people ” in national conference on NCETE-21 conducted during 8th to 9th May 2021 at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
5. Nithya K, Soundarya S, Vyshnavi V, Preetham Raju U, Lokesha A M on “Smart Irrigation system using NodeMCU ” in national conference on NCETE-21 conducted during 8th to 9th May 2021 at Cambridge Institute of Technology, K R Puram,

Bengaluru-36.

6. Kumar R, G K Madhusudhan, Nitish G N, Pawan H N, Lokesha A M on “Smart Medicine Vending Machine ” in national conference on NCETE-21 conducted during 8th to 9th May 2021at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
7. Bhoomika R, Jyothi Ragate, J Divya Sree, Nikhitha B R, Lokesha A M, Shivapanchakshari T G on “IoT based smart power management system using WSN” in national conference on NCETE-22 conducted during 8th to 9th May 2022 at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
8. Abhilash Goud, Gajendra G, Chetan, Harshitha S, Lokesha A M, Shivapanchakshari T G on “Design and characterization of less complex double U-slot microstrip antenna for wireless communication” in national conference on NCETE-23 conducted during the month of May 2023 at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
9. Mahesh Sekhar Sahu, Murli Manohar Mishra, Pratyush Sharma, Puru Raj Yadav, Lokesha A M on “Design and implementation of Piezoelectricity harvester using footwear” in national conference on NCETE-23 conducted during the month of May 2023 at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
10. Presented a technical paper entitled on “IoT based weather monitoring system” in international conference on ICNCAS-2023 jointly conducted by the department of Basic Sciences and department of Electronics and Communication Engineering at Cambridge Institute of Technology, K R Puram, Bengaluru-36.
11. Presented a technical paper entitled on “Detection of tress passers walking in footpaths to avoid accidents using machine learning and techniques” in international conference on ICNCAS-2023 jointly conducted by the department of Basic Sciences and department of Electronics and Communication Engineering at Cambridge Institute of Technology, K R Puram, Bengaluru-36.

Patents

SI No	Application no.	Status(Published/Granted)	Inventors	Title	Date (Published/Granted)
1	20234103035 3A	Published	CiTech, Abhilash Goud, Gajendra,	Design and characterization of less	16/06/2023

			Harshitha S, Dr. Girish H, Prof. Lokesha A M	complex double U-slot microstrip antenna for wireless communication	
2	20234103474 6A	Published	CiTech, Prathush Sharma, Murali Manohar Sharma, Puru Raj Yadav, Mahesh Sekhar Sahu, Dr. Girish H, Prof. Lokesha A M	Design and implementation of Piezoelectricity harvester using footwear	30/06/2023
3	20214105318 2 A	Published	CiTech, Dr. Cyril Prasanna G, Dr. Indumathi G, Dr. Girish H, Prof. Jenita Subash, Prof. Lokesha A M	Configurable DTCWT based multi- channel stackable transmultiplexer	25/08/2023
4	20224107603 1 A	Published	CiTech, Dr. Shivapanchakshari T G, Dr. Girish H, Dr. Usha C, Prof. Lokesha A M, Prof. Jayaprakash S Prof. Chetan Naik J	IoT based smart power management system using WSN	13/01/2023
Book/Book Chapters	NIL				
Research and Consultancy: NIL					

