



Profile

Innovative, optimized solution seeker. Excited to be at deployment phase of my new career as a developer. i am ambitious, assiduous, animated and an alliteration advocate.

Skills

Forntend: Reactjs, JavaScript(ES6+), HTML, CSS

Backend Basics: Nodejs, Expressjs, MongoDB

Testing Debugging:postman

Previous Appointments

Assistant Professor at Dept. of Electronics and Communication Engineering
Kyushu University, Fukuoka, Japan *05/2022–02/2024*

Assistant Professor at Dept. of Electronics and Communication Engineering
AITM affiliated from Dr. A.P.J. Abdul Kalam Technical University, Lucknow, India *01/2021–04/2022*

Research Assistant at Dept. of Electronics and Communication Engineering
Indian Institute of Technology Roorkee, India *07/2014–09/2020*

Assistant Professor at Dept. of Electronics and Communication Engineering
Sharda University, Greater noida, India *07/2012–07/2014*

Research Assistant at Dept. of Electronics and Communication Engineering
Indian Institute of Technology Roorkee, Haridwar, India *07/2010–07/2012*

Education

Doctor of Philosophy in Electronics and Communication Engineering
advised by Prof. M.V. Kartikeyan, Indian Institute of Technology Roorkee (IIT R), India *07/2014–09/2020*
Thesis: Investigation of Different Metasurfaces in Antenna Design.

Master of Technology in RF and Microwave Engineering
advised by Prof. A.Patnaik, Indian Institute of Technology Roorkee (IIT R), India *07/2010–07/2012*
Thesis: Design of Dual Band Microstrip Patch antenna for Wireless Applications using Metamaterials.

Prizes, Awards, and Fellowships

1. MHRD Ph.D. Research Fellowship (*2014–2020*) at IITR, India
2. First Prize, Best Report of PhD-student Initiative Program, Asia Pacific Microwave Conference, India (*2016*)
3. MHRD M.Tech Research Fellowship (*2010–2012*) at IITR, India
4. Successfully cleared the Graduate Aptitude Test in Engr (top 1.0%) conducted by M.H.R.D. Govt. of India (*2010*)

Selected Research Experience

at **Kyushu university, Fukuoka, Japan** *2022–2024*

Project(s):

1. Smart waste management system: In this work wireless sensor network are deployed in many sectors. Drawback for WSN is battery. It is hazardous and difficult to dispose. Rf energy harvesting is solution.

at **Indian Institute of Technology Roorkee, India** *2014–2020*

Project(s):

1. Tunable PDEBG using ferrite-based metasurface for wimax application.
2. Dual band circular polarized bow-tie slotted patch antenna over high-impedance surface for wimax applications.
3. Design and fabrication of microstrip filters with CSRR defected ground structures.
4. Design of multi-frequency microstrip patch antenna using complementary U-slots for wireless applications.

Extra-curricular Activities and Languages

1. Member, Cognizance-2017 Organising Committee at IIT Roorkee, India.
2. Member, Technical Committee, ICIIS-2016 Conference at IIT Roorkee, India.
3. Coordinator, IEEE-EDS workshop on GaN devices and Power Amplifier at IIT Roorkee, India.
4. Member, Technical committee, VEDA-2013 Conference at IIT Roorkee, India.

References

Prof. M. V. Kartikeyan

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