

## MR. RISHI RAJ SINGH

Assistant Professor ECE

Qualifications: M. Tech (ECE), B. Tech (ECE)

Area of Interest: Reconfigurable Antennas, Microwave Devices, Microstrip Antennas, MIMO Antennas

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## CURRICULUM VITAE

### Work Experience (Total :\_\_)

- Assistant Professor at G.B Pant Institute of Engineering and Technology, Department of Electronics and Communication Engineering, Ghurdauri, Pauri Garhwal from Dec 2<sup>nd</sup>, 2019 to present.

### Research Interests:

- Antenna
- Microwave Devices
- MIMO Antennas, Reconfigurable Antennas
- Millimeter Waves, SIW

### Education:

- Master of Technology (M.Tech.) in RF & Microwave Engineering from Department of Electrical & Electronics Engineering, Indian Institute of Technology Kharagpur, Kharagpur, India, June 2018.
- Bachelor of Technology (B.Tech) in Electronics and Telecommunication Engineering from College of Engineering Roorkee (COER), Roorkee, India, August 2015

### Research Publications:

#### Book Chapters:

- RR Singh and A Mohan, An H Shaped Reconfigurable Slot Antenna using SIW Technology, International Conference on Intelligent Computing and Smart Communication 2019, published by Springer, Singapore.

#### Conference Papers:

- Global Positioning Systems (GPS) and its applications, *National Conference on Emerging Trends in Engineering Science & Technology (NCETEST)* at College of Engineering Roorkee, March 2014.
- Micro-Controller Based Thermal Camera, *National Conference on Research & Innovation in Engineering and Technology-2015* at College of Engineering Roorkee, March 2015.
- An H Shaped Reconfigurable Slot Antenna using SIW technology, International Conference on Intelligent Computing and Smart Communication (ICSC), April 2019.

#### Workshops/ Webinars/FDP Attended

- Two day Workshop on Review of Available SWAYAM/NPTEL/MOOCs Courses in Electrical Engineering, Department of Electrical Engineering, GBPIET, Ghurdauri, Pauri, December 2019.
- National Webinar on Virtual Lab organized by IET Dr Rammanohar Lobia, Avadh University, Ayodhya on April 2020

3. FDP Webinar on Emerging Trends in IP: A Vehicle of Promoting Research & Innovation, June 2020.
4. One Week Online International Faculty Development Programme on Blockchain and its Applications, Department of Computer Science and Engineering, GBPIET, Ghurdauri, Pauri, July 2020
5. One Week Online International Faculty Development Programme on Deep Learning & Computational Intelligence in Internet Era, Department of Computer Science and Engineering, GBPIET, Ghurdauri, Pauri, July 2020

**Subjects Taught:**

1. Radar & Navigation (UG, EC 484), Spring-2020