Dr. Pravesh Pal
Asst. Professor
Electronics and Communication
Engineering Department
(Under the mentorship of IIST-ISRO)
Central University of Jammu
pravesh.ece@cujammu.ac.in

Academic Details:

PhD
(Electronics and Communication Engineering)
NIT Jamshedpur
Year: 2019-2023
Project Title: Performance Enhancement of Compact microstrip filtenna based on co-design approach for RF Front-end Applications

ME
(Electronics and Communication Engineering)
BIT Mersa, Ranchi
Year: 2010-2012
Project Title: Design of RF MEMS Filter

BE
(Electronics and Telecommunication)
RIT Raipur
Year: 2005-2009

Short term course:

IIT Kharagpur
Title: Current Trends in Antenna Design
Coordinator Prof Bratin Ghosh

Workshop/FDP Attended:

1. As a resource person in FDP program on "Modern Electronics Engineering for Advanced Wireless Communication" at VIT, vellore, Dec 2023.

2. Participated on ATAL FDP on "Internet of Things (IOT)" at NIT Jamshedpur.

3. Participated on SERB (DST) sponsored High End Workshop (Karyashala) on Soft computing and its application in Electromagnetics at IIT Ranchi, Jan 2023.

Technical skills:

Programming: Verilog HDL, C, C++.
Platform: Linux, Windows.
Tools: HFSS, CST, ADS, CADENCE.

Research Area:

Filter, antenna, metamaterial absorber, frequency selective surface, MIMO etc.

Awards:

MHRD Scholarship for MTech Program
BIT Mesra, Ranchi 2010-2012.

MHRD Scholarship for PhD Program
NIT Jamshedpur 2019-2023.

Publications:

1. "Synthesis approach to design a compact printed monopole filtenna for 2.4 GHz Wi-Fi application," International Journal of RF and Microwave Computer Aided Engineering, May 2021, Wiley publication, **Pravesh Pal**, Rashmi Sinha, Santosh Kumar Mahto. (**SCIE**)
2. "A compact wideband circularly polarized planar filtenna using synthesis technique for 5 GHz WLAN application," AEU, International Journal of Electronics and Communication, May 2022, **Pravesh Pal**, Rashmi Sinha, Santosh Kumar Mahto. (**SCIE**)
3. "A wideband omnidirectional planar filtenna for 5 GHz WLAN application," Journal of electromagnetic wave and Application, Journal of Electromagnetic waves and Applications, 2022, Taylor and Francis, **Pravesh Pal**, Rashmi Sinha, Santosh Kumar Mahto. (**SCIE**).
4. "A Monopole Filtenna Based on Square Loop Resonator for Wireless Communication," IEEE Microwaves, Antennas, and Propagation Conference (MAPCON), **Pravesh Pal**, Rashmi Sinha, Santosh Kumar Mahto. (**International Conference**)
5. "Filter Synthesis-Based Compact Dual-Band Filtenna for C-Band Applications" Advances in Microwave Engineering, **Pravesh Pal**, Rashmi Sinha, Ranjeet Kumar, Praveen Kumar, Santosh Kumar Mahto. (**Conference**)
6. "A Microstrip Line Fed Hexagonal Square Shaped Fractal Monopole Antenna for Ultra-Wide Band Applications", Smart Energy and Advancement

in Power Technologies, R Kumar, R Sinha, A Choubey, SK Mahto, **P Pal. (Conference)**

7. "Miniaturization of Dual Shaped Monopole Antenna for UWB Application, Advances in Communication, Devices and Networking**,"** R Kumar, R Sinha, A Choubey, SK Mahto, **P Pal**. **(Conference)**

Professional Experience:

Organisation Name: Chouksey Engineering College, Bilaspur

Role: Assistant Professor

26 Nov 2012 to 31 Dec 2018.

References:

1. Dr. Rashmi Sinha
Associate professor, NIT Jamshedpur
rsinha.ece@nitjsr.ac.in

2. Dr. Santosh Kumar Mahto
Assistant Professor, IIIT Ranchi
skumar@iiitranchi.ac.in

3. Dr. Prashant Kumar
Assistant professor, NIT Jamshedpur
prashant.ece@nitjsr.ac.in