

**Dr.K.Phaninder Vinay**  
Professor and H.O.D  
ECE Department

Phanindervinay.k@raghuenggcollege.in

#### **Academic Background:**

Ph.D.-Andhra University

M. Tech-Andhra University

Dr. K. Phaninder Vinay has rich experience in the field of Antennas and electromagnetic fields. He has been proficient in teaching subjects like Electronic Devices and circuits, Electromagnetic fields, Antennas, Microwave Engineering and Bio-Medical Engineering.

He has published more than 15 papers in various International Journals and conferences which are UGC Approved.

He is a member of various professional bodies like IEEE, ISOI (Instrument Society of India).

#### **Research Interests:**

Microwave and RF antennas  
Electromagnetic fields  
Smart sensors

#### **Achievements:**

Published paper on," Circularly Polarized Microstrip Patch Antenna Using PBG Structures", International Journal of Innovative Technology and Exploring Engineering,8(6), pp 491-494,4/2019.

- Published paper on, "Design of Textile Microstrip Patch Antenna for Aeronautical & X-Band Applications", International Journal of Electronics Engineering,10(2), 681-684,11/2018.
- Published paper on, " Design and Implementation of Multi Band Microstrip Patch Antenna for Wireless Applications", Advanced Electromagnetics, 7(3), pp 104-107, 11/2018
- Published paper on,"Micro Strip Patch Antenna with Multi-Split Ring Resonator Using DGS for Multi Band Applications", IOSR Journal of Engineering,8(6),pp 52-57,6/2018
- Published paper on," Fan Shaped Patch with Fan Shaped Defected Ground Structure is designed for X-band applications", International Journals of Advanced Research in Computer Science and Software Engineering, 8(4),57-60,4/2018.
- Published paper on, Design of Microstrip Patch Antenna for RFID Reader Applications", Proceedings of 2nd International Conference on Micro-Electronics, Electromagnetics and Telecommunications, 529-536, 2018.
- Published paper on," Novel Multi Band Circular Microstrip Antenna with DGS For X-Band Applications", International Journal of Applied Engineering Research, 11(3), 3 , 2016.
- Published paper on, Design of 1X2 Triangular Shaped Microstrip Patch Antenna Array for WLAN Applications with DGS Structures", International Journal of Innovative Research in Computer and Communication Engineering, 3(3), 6, 3/2015.
- Published paper on, Design of Microstrip Patch Antenna for GPS applications using EBG structures", International Journal of Innovative Research in Computer and Communication Engineering", 3(3),3/2015. "
- Published paper on, Design and Analysis of Slot Antenna Parameters Using HFSS", International journal of Innovative Technology and Exploring Engineering,3(12), 103-106, 5/2014.