

## Faculty Profile

**Name:** MOVVA PAVANI

**Designation:** Assistant Professor in ECE Department

**Teaching Areas:** Signals and Systems, Linear IC Applications, Digital IC Applications, Analog Communications, Digital Signal Processing.



**Research Interests:** Wireless Sensor Networks, Heterogeneous Networks

### Education:

- Pursuing PhD in the area of Wireless Sensor Networks from GITAM.
- M.E in Systems and Signal Processing, UCE, Osmania University, Hyderabad, 2009.
- B.Tech in Electronics and Communication Engineering, JNTUH, 2002.

### Professional Experience: (Total: 15 Years 6 Months)

- 2014- Till date: Assistant Professor, Faculty of Science & Technology, IFHE, Hyderabad.
- 2012-2014: Associate Professor , Auroras Technical and Research Institute, Hyderabad
- 2006-2012:Sr.Assistant Professor,Vignan Institute of Technology & Science, Hyderabad
- 2005-2006: Lecturer (University Ratified), RVR &JC College of Engineering, Guntur
- 2002-2005: Software Engineer ,Wipro Technologies, Bangalore, Karnataka

### Research / Selected Publications:

- **Movva Pavani** and P.Trinatha Rao, " Urban Air Pollution Monitoring Using Wireless Sensor Networks: A Comprehensive Review," International Journal of Communication Networks and Information Security (IJCNIS), Vol. 9, No. 3, pp 439-449, December 2017 (**Scopus**).
- Kishore K Kumar and **Movva Pavani** "Design of a Compact Rectangular Patch Antenna Using Defected Ground Structure "International Journal on Communications Antenna and Propagation (IRECAP) Vol 7, Issue 4, pp. 282-289, August 2017 (**Scopus**).
- **Movva Pavani** and Nilesh Sharma," Li-Fi Technology in Wireless Communication" The IUP Journal of Telecommunications Vol 9, Issue 3, pp.31-37, August 2017.
- **Movva Pavani** and P.Pradeep "RFID Smart Security Access Control System" International Journal & Magazine of Engineering Technology, Management and Research, Vol 4, Issue 4, pp.489- 493, April 2017.
- **Movva Pavani** & P. Trinatha Rao "Routing Protocols In Wireless Sensor Networks: A Survey", International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC), Volume 6, Issue 2, pp 1-12, April 2016.