

## FACULTY PROFILE

**Name** : MOVVA PAVANI

**Designation** : Assistant Professor

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



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

### Education:

- (PhD), Wireless Sensor Networks, GITAM University.
- M.E, Systems and Signal Processing, UCE, Osmania University, Hyderabad, 2009.
- B.Tech in Electronics and Communication Engineering, JNTUH, 2002.

### Professional Experience: (Total: 15.6 Years)

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

### Research / Selected Publications:

1. Kishore K Kumar and **Movva Pavani** "A New PCA Based Hybrid Color Image Watermarking Using Cycle Spinning-Sharp Frequency Localized Contourlet Transform for Copyright Protection." Springer CCIS series, Vol 628,PP. 55-364. Dec 2016.
2. **Movva Pavani** & Dr.P.Trinatha Rao "Real time pollution monitoring using Wireless Sensor Networks," IEMCON, IEEE Xplore, pp. 1-6, Nov 2016.
3. **Movva Pavani** & Dr.P.Trinatha Rao " End-End Delay Minimization Using Real Time Routing Protocol for Wireless Sensor Networks" IEMCON, IEEE Xplore, pp. 1-6, Nov 2016.
4. **Movva Pavani** & Dr.P. Trinatha Rao "Routing Protocols In Wireless Sensor Networks: A Survey", IJCNWMC, Volume 6, Issue 2, PP1-12, April 2016.