

## Dr. S P V SUBBARAO

Professor and Head ,ECE Department  
B.Tech (ECE), M.Tech, Ph. D



### Career Highlights

**18+ years** of academia teaching (U.G and P.G) experience

- **ECE Department, Sreenidhi Institute of Science and Technology (SNIST), Hyderabad, India**

### Patents Filed& Published

1. **Patent Ref. No./Application No. – 322959 – Patient Monitoring System based on EEG Signal Acquisition Mobile Computing device Application Year 2019**
2. **Patent Ref. No./Application No. — Bit Synchronizer for Biphase Input with Variable Bit-Rate - Application Year 2019**

### Research Interests

Wireless Multimedia Networks. Wireless Communication Technologies, MIMO Technologies, 6G Networks

### Courses Taught

Digital Communications, Cellular & Mobile Communications, Computer Organisation, Probability Theory and Stochastic Process, DSP, Wireless Communications, DSPA, Data Communications, Telecommunication Switching Systems and Networks

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### Books Published

1. Co-Authored Book: Performance analysis of spectrum sensing methods for cognitive radio, ISBN – 978-3-659-86978-5
2. Authored Book: Simulation of DSCDMA and WCDMA system for multiuser image transmission ISBN 978-3-659-87962-3
3. Co-Authored Book Chapter: Analysis of rate control video transmission over wireless networks ISBN 978-3-659-90474-5

### Education

**Ph.D. - ECE Dept., Wireless Communications , JNTUH ,Hyderabad 2014**

Ph.D.I Dissertation – Development Of MAC Protocol With Adaptive Power Control And Call Admission Control For Wireless Multimedia Networks

**M.Tech ( Communication & Signal Processing) ECE Dept.GPREC, SK university , Anantapur 2005**

**B.Tech (ECE) .RGM CET, JNTUH , 2000**

## Research and Consultancy

### Publications

#### **Scopus Indexed publications :12**

#### **Research projects**

1. RCI, DRDO – Hyderabad , Rs. 7,80,000, Design and Development of Adaptive Notch filter for Real Time Signal Processing, June 2019
2. Nexgen IT- Hyderabad Rs 1,00,000 Implementation of Software Defined Networks using ODL Controller, July 2018

#### **Grants received**

1. AICTE sanctioned an Amount of Rs 599775 (Rupees Five Lakhs Ninety Nine Thousand Seven Hundred and Seventy Five only) as coordinator for Faculty Development Program on Simulation Of Wireless Sensor Networks during June 2017.
2. AICTE sanctioned an Amount of Rs 618000 (Rupees Six Lakhs Eighteen Thousand only) under MODROBS scheme during January 2019.