

## SANTOSH KUMAR BODDUPELLI



**Qualification :** M.TECH Digital Systems and Computer Electronics (JNTU, HYDERABAD)

**Experience:** 6 YEARS

**Area of Interest:** BIOMEDICAL SIGNAL PROCESSING/INSTRUMENTATION, SMART STRUCTURE BASED SENSORS AND ACTUATORS

**Subjects Taught:** EMI, STLD, DLD & CO, EC, RS, SC, PDLIC, IE

### Research Publications:

- 1) B.Santosh kumar, G.Prashanth "Low-complexity wavelet based channel estimation with low leakage for OFDM system ISSN:2320-5547 IJITR, Vol-4, Issue No.5, September 2016.
- 2) B.Santosh kumar, N.Shravani "New VLSI BWA Architecture for finding the first W maximum/minimum values using sorting algorithms" ISSN(Online): 2347-4718, IJTRE, Volume 2, August-2015.
- 3) B.Santosh kumar, G.Niharika "Implementation of High Precision Fixed width Multiplier for DSP Applications" CSIT/ERKN/05/10/2402 5<sup>th</sup> October 2014.

UG	PG
11	04

**No of Projects guided:**

### Workshops/Seminars/FDP's Organized:

- 1) PCB workshop on February, 2016

### Workshops/Seminars/FDP's Attended:

- 1) Overview of Raspberry Pi, Arduino microcontroller boards, programming Applications at JNTU, Jagityal during April 3<sup>rd</sup> -4<sup>th</sup>, 2017
- 2) Advanced Photonics Technologies for Science and Engineering Applications organized by OSA Student Chapter, NIT Warangal on 12<sup>th</sup> April, 2015.
- 3) 42<sup>nd</sup> ISTE ANNUAL CONVENTION during 20<sup>th</sup>-22<sup>nd</sup> December, 2012.
- 4) AICTE Sponsored "Advanced Embedded And Real Time Operating Systems" Organized by Jayamukhi Institute of technological sciences, during 18<sup>th</sup> June to 1<sup>st</sup> July 2012.
- 5) Advanced plan Ahead Techniques Summit 2011-12, Hyderabad, India February 10, 2012.
- 6) Three days Workshop on "SIGNALS AND SIGNAL PROCESSING" Conducted at JNTUH College of Engineering, Hyderabad during 28<sup>th</sup> to 30<sup>th</sup> June-2010.

### Conferences Attended:

- 1) Presented paper "Design and Development of PCI Based add-on card for Data Acquisition" in the National Conference on "RECENT TRENDS AND ADVANCES IN NANO TECHNOLOGY" on 28<sup>th</sup> & 29<sup>th</sup> July 2011.