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Prof. B.Siva Prasad, Head of the Department – Electronics & Communication Engineering completed his schooling from Jawahar Navodaya Vidyalaya, Kommadi, Visakhapatnam and obtained his B.Tech (ECE) First Class from Sri Venkateswara College of Engineering & Technology, Tirupathi, M.Tech in Radar & Microwave Engineering First Class with Distinction from Andhra University and Pursuing Ph.D in the Antenna Arrays from Andhra University. He has published around 16 National & International Publications and attended National & International Conferences and Workshops.

He is dedicated, resourceful and goal-driven professional educator with a solid commitment to the social and academic growth and development of every child with a teaching experience of 13 years in engineering colleges.

Teaching Experience: Nearly 13 Years

- Working as Professor and HOD, Department of Electronics & Communication Engineering, BABA Institute of Technology and Sciences, Visakhapatnam from 27th May 2017 to till date.
- Worked as Associate Professor and HOD, Department of Electronics & Communication Engineering, Miracle Educational Society Group of Institutions, Vizianagaram from 12th August 2009 to 26th May 2017.
- Worked as Assistant Professor in Department of Electronics & Communication Engineering Sanketika Vidya Parishad Engineering College, Visakhapatnam from 25th June 2008 to 11th August 2009.
- Worked as Assistant Professor in Department of Electronics & Communication Engineering Viswanadha Institute of Technology & Management (VITAM), Visakhapatnam from 01st August 2005 to 20th June 2008.

Academic Qualifications:

- Pursuing **Ph.D** in the Antenna Arrays from Andhra University, Visakhapatnam.
- **M.Tech** - Radar & Microwave Engineering - **First Class with Distinction** from Andhra University, Visakhapatnam.
- **B.Tech** – Electronics & Communication Engineering - **First Class** from Sri Venkateswara College of Engineering & Technology, Tirupathi, Chittoor.

Areas of Research

- Antenna Arrays, Radar Navigation.

Subjects Taught at the Postgraduate level: M.Tech

1. Advanced Computer Architecture
2. CPLD and FPGA Architectures and Applications

Subjects Taught at the Undergraduate level: B.Tech

1. Electronic Devices and Circuits.
2. Electronic Circuit Analysis.
3. Microelectronics
4. Linear Integrated Circuits and Applications.
5. Switching Theory & Logic Design.
6. Pulse and Digital Circuits
7. Satellite Communications
8. Radar Systems
9. Electronic Measurements & Instrumentation
10. Optical Communications.

Labs Handled

1. Electronic Devices and Circuits Laboratory
2. Pulse and Digital Circuits Laboratory
3. Basic Electronics Laboratory
4. Electronic Circuit Analysis Laboratory
5. Linear Integrated Circuits Laboratory
6. ECAD Laboratory
7. Analog Communications
8. Working knowledge of C,C++, MATLAB, TASM, Microcontrollers and HFSS

Projects handled at the Undergraduate Level

1. Embedded Security System for banks using RF for final year ECE students
2. Industrial Robot for final year ECE students
3. Theft Intimation of Vehicle over SMS to Owner who can stop the engine remotely
4. Mission : RHEX Space ROVER
5. Monitoring Electrical Parameters using GSM
6. Robust Image based automated boiler flame monitoring using L*a*b* Segmentation

7. Mathematical Morphology based License Plate Number Recognition
8. Developing, Modeling and Controlling of Humanoid Robot
9. Hand Gesture Controlled Wheel Chair

Details of International Journal Publications

1. **"Comparison of PAPR using CDF Plots for QAM and QPSK"**, International Journal of Communication Engineering Applications (IJCEA), Volume- 02, Issue-08, Oct-2011.
2. **"Autonomous Cars and Vehicular Clouds Connected to Intelligent Grid"**, International Journal & Magazine of Engineering Technology, Management and Research, ISSN No: 2348-4845, Volume No: 2 (2015), Issue No: 7 (July), pp873-881.
3. **"Implement Green Wave system and Detection of Stolen Vehicles"**, IJMETMR, ISSN No: 2348-4845, Volume No: 2 (2015), Issue No: 9 (Sep), pp211-216.
4. **"Lab VIEW based Robotic Module"**, IJMETMR, ISSN No: 2348-4845, Volume No: 2 (2015), Issue No: 10 (Oct), pp167-169.
5. **"Automated Solar Powered Irrigation System"**, IJMETMR, ISSN No: 2348-4845, Volume No: 2 (2015), Issue No: 11 (Nov), pp20-25.
6. **"Implementation of IoT Based Design of a WSN Platform for Long-Term Environmental Monitoring"** IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 8 (Aug), pp1018-1032.
7. **"Development of a Laser-Range-Finder Based Human Tracking and Control Algorithm for a Marathoner Service Reboot"** IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 8 (Aug), pp1039-1045.
8. **"Multi-Sensors in Locomotives for Explosion Detection and Avoider through De-Clamping and WPAN"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 8 (Aug), pp971-975.
9. **"Smart Emergency Response System Using Voice Command and MEMS Technology"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 8 (Aug), pp988-994.
10. **"An IoT -Aware Architecture for Smart Healthcare Systems"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 9 (Sep), pp1436-1439.
11. **"Driver Safety and Assistance System in Automotive by Low Rate Wireless Personal Area Network"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 9 (Sep), pp1440-1444.
12. **"Motion Activated Smarty Robots in Cryogenic Conditions for Military Data Transmission using Encryption Algorithm"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 9 (Sep), pp1445-1451.
13. **"Swarm robotics: design of monitoring system for coal mine safety based on wireless sensor network"**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 9 (Sep), pp1452-1454.

14. **“Debris and Eutrophication Control for Industrial Environmental Monitor in Plan to Control Shut the Industries”**, IJMETMR, ISSN No: 2348-4845, Volume No: 3 (2016), Issue No: 9 (Sep), pp1455-1458.
15. **“Frequency Reconfigurable Log Periodic Microstrip Dipole Antenna Array for Wide band Applications”** , International Journal for Innovative Research in Science & Technology, Volume 4 , Issue 3, August 2017, ISSN (online): 2349-6010
16. **“Design and Analysis of Frequency Reconfigurable Log Periodic Microstrip Dipole Antenna Array with different Substrates for Wide band Applications”** , International Journal of Advanced Engineering and Research Development , Volume 4, Issue 8, August 2017, ISSN (O): 2348-4470 , ISSN (P): 2348-6406.

National Conferences Attended

1. Presented a technical paper on **“Resource Management in Multi tasking RADAR”** in Zonal Seminar on Emerging and Converging Communication Technologies (SECT-07) organized by The Institution of Electronics and Telecommunication Engineers (IETE) and won Second Prize.

Workshops Attended

1. A three-day National workshop on **“Development of forecasting models for finance and market data prediction using computational intelligence techniques”** conducted by Center for Management Studies, National Institute of Technology, Warangal.
2. A two-day National workshop on **“Signal Processing Evolutionary Computation and Modeling”** at Dadi Institute of Engineering & Technology, Anakapalli.
3. A two-day **Faculty Development Programme** conducted by Sanketika Vidya Parishad Engineering College.
4. A one-day workshop on **“VLSI design”** at Vignan Institute of Information Technology, Duvvada, Visakhapatnam.
5. A two day National workshop on **“ Bio-informatics & Genomic Signal Processing”** at Dadi Institute of Engineering & Technology, Anakapalli.
6. A two day National workshop on **“Research Tools in Electronics & Communication Engineering (RTECE – 2015)”** at J.N.T.University, Vizianagaram Campus.
7. A one day workshop on **“ JNTUK Center for e-Resource Development & Deployment (CoEeRD)”** at J.N.T.University, Vizianagaram Campus.
8. A one day workshop on **“ MATLAB & Simulink for Engineering Education ”** by MathWorks India at Visakhapatnam.
9. A two day training Program on **“RF Circuit Design using ADS Software: Hands on Experience”** at Sri Vishnu Engineering College for Women, Bhimavaram.
10. A three day National Workshop on **“ Advanced Antenna Design (NWAAD-2k16)”** from 19th -21st October 2016 at Andhra University College of Engineering , Visakhapatnam

Administrative Activates:

1. **Head of the Department** – Working as Professor and HOD, Department of Electronics & Communication Engineering, BABA Institute of Technology and Sciences, Visakhapatnam from 27th May 2017 to till date and responsible for all the administrative works in the ECE department.
2. **Examination Cell In-charge** –Examination Cell In-charge in Miracle Educational Society Group of Institutions during August 2009 – May 2013 period and I was Responsible for conducting all the JNTUK External theory, Lab Examinations and Internal Examinations.
3. **Project Coordinator** – Worked as B.Tech Course Project Coordinator and I was Responsible for Undergraduate level projects for ECE department students at Sanketika Vidya Parishad Engineering College.
4. **NBA Coordinator** – Worked as ECE Dept. NBA Coordinator in VITAM College of Engineering and I was Responsible for NBA related works in ECE Dept.
5. **Lab In Charge** – I established EDC , ECA , AC , DC , DSP , MPMC Laboratories in Miracle Educational Society and Responsible for maintaining the Laboratory
6. **Class Coordinator** – Responsible for student counseling, Student problems solving, Academic Stress Handling, Student activates for ECE students at Miracle Educational Society Group of Institutions.