

Mr.B.Vamsi Krishna

Personal Information



Designation: Assistant Professor

Qualification: M.Tech

Experience: 7.5 years

Specialization: Communications & Signal Processing.

Subjects Taught: DSP, SS, SSP, EDC, BEEE, CN, OC, CO, MN, WCN, WC, TSSN, DCS, DC, CMC, PDC, LDIC, MCS.D.

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Achievements/Publications/workshops/Seminars/Guest Lectures

Publications:

1. B.Vamsi Krishna, P.Nagarjuna, "A Game Theoretic Analysis Of Fixed Channel Allocation For Multiple Radios In Multihop Wireless Networks", IJCST, Vol 3 Issue 2 Apr-June 2012, ISSN : 0976-8491 (Online) | ISSN : 2229-4333 (Print)
2. B.Vamsi Krishna, P.Nagarjuna, "Reducing the jitter noise power by oversampling in High speed OFDMSytem", IJESI, Vol 2 Issue 3 March 2013, ISSN(online): 2319 – 6734 | ISSN (Print): 2319–6726
3. B.Vamsi Krishna, D.Girish Kumar, "A Novel Nash equilibrium technique for Channel allocation in Multihop wireless networks", Advanced Communication systems & Applications, National Conference at MITS, Madanapalle, 25 to 26 june 2013, ISBN 978-93-82829-39-3.
4. B.Vamsi Krishna, K.Priyanka, "Soil Moisture Sensor Design for Crop Management System by Using Cellular Communication" in IJIRSET, Volume 4, Issue 1, January 2015, ISSN (Online) : 2319 – 8753, ISSN (Print) : 2347 – 6710.**DOI: 10.15680/IJIRSET.2015.0401069**
5. B.Vamsi Krishna, B. Muniswamy Naik, "Speech Recognition Module for Home Automation System Based On ZigBee" in IJCSMC, Vol. 3, Issue. 8, August 2014, pg.737 – 744, ISSN 2320–088X.

6. B.Vamsi Krishna, C.H.Aparna, "Arduino based Wireless Security System for Emergency Reporting" Recent Trends in Signal Processing, National Conference at MITS, Madanapalle, 18 to 19 February 2015, ISBN 978-93-85100-01-7.
7. B.Vamsi Krishna, C.H.Aparna, "ARDUINO Based Wireless Security System For Coal Mining Workers" in IJARCE, Vol. 2, Issue 8, August 2015, PP 28-31, E-ISSN: 2348-5523
8. B.Vamsi Krishna, Nara Ida Joslin, "Secured ATM card accessing system using RFID", in IJCSME, Vol. 2, Issue 11, Nov 2015, PP 16-18, E-ISSN: 2349-8439, **DOI:10.18645/IJCSME.211.005**
9. B.Vamsi Krishna, K.Reddy Divya, "Raspberry Pi Based Bluetooth Communication with GUI", in IJESC, Vol. 6, Issue 8, Aug 2016, PP 2811-2814, ISSN 2321 3361.
10. B.Vamsi Krishna, A,Shireesha, "PAPR Reduction In Wavelet Based Lte Ofdm Using Pts Scheme", in IJRDT, Vol. 6, Issue 2, Sep2016, PP 7-11, ISSN (O) : 2349-3585.
11. B.Vamsi Krishna, D.Rama Krishna, "Effective Utilization of band width in Blind Channels" in IJPAM, **scopus indexed journal**, February 2018.
12. B.Vamsi Krishna, K.Aparna, "IOT Based Indoor Navigation Wearable System for Blind People." in AISC, Springer, **scopus indexed journal**, March 2018, PP-413-421, Online ISBN:978-981-10-7868-2 **DOI:10.1007/978-981-10-7868-2_40**

Workshops / FDPs:

1. Participated in a two day National workshop on "Simulation of Wireless Networks" Jointly organised by JNTUH, College of Engineering, Hyderabad and Nihon communications pvt Ltd, Bangalore under TEQIP during 15th and 16th April 2013.
2. Participated in two day national Workshop on "Current Trends in Wireless Communications" Organized by School of Electronics Vignan University, Vadlamudi, Guntur Dist, during 8th - 9th January 2013.
3. Participated in three day national Workshop on "Wireless Networks" Organized by MITS, Madanapalle, during 18th - 20th June 2013.
4. Participated in two day national Workshop on "Mentoring & Thinking skills for Engineering Faculty" organized by JNTUHCEH, Hyderabad, during 18th - 19th July 2014.
5. Participated in five day national Workshop on "Instructional Design & Delivery", a pedagogy training Organized by MITS, Madanapalle in association with NITTTR, Chennai, during 22nd-26th Dec 2014.
6. Participated in one day national Workshop on "IC Applications using ASLK Kits", at dept of ECE, JNTUCEH, Anantapuram on 15th July 2015.

7. Participated in two day national Workshop on “Wave Maker – Platform”, at MITS, Madanapalle, 20th – 21st Nov 2015.
8. Participated in three day faculty development programme on “Application oriented Teaching Methodologies”, at MRECW, during 3rd – 5th July 2017.
9. Participated in one week faculty development programme on “Digital Signal Processing”, at SIT, JNTUH, organized by AAC, JNTUH, during 11th – 16th Dec 2017.
10. Participated in one week faculty development programme on “DSP & SENSORS”, at CMREC, jointly organized by Electronics & ICT academy & NIT Warangal, during 10th – 14th Dec 2018.