

## SURESH RAM BETHAPUDI

### Personal Information

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**Designation** : Associate Professor  
**Qualification** : M.Tech (Ph.D)  
**Experience** : 13 Years  
**Specialisation** : Microwave Engineering  
**Email Id** : [bsureshram@cmrcet.org](mailto:bsureshram@cmrcet.org)  
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#### Courses Taught:

**UG** : PTRP, ETTL, SS, DC, AC, WCN, TSSN  
**PG** : WCN

**Laboratories Handled:** BS Lab, DSP Lab, DC Lab, AC Lab, EEP, ISI and SIP

#### Publications:

- 📖 B.Suresh Ram, P.Siddaiah “Symbol Error Probability Analysis of Quadrature Phase Shift Keying Using Hybrid Diversity Technique Over Rayleigh Fading”, International Journal of Applied Engineering Research(IJAER),ISSN 0973-4562,Volume 12, Number 14, 2017, pp 4138-4140.
- 📖 B.Suresh Ram,P.Siddaiah “ Performance Evaluation of Hybrid Diversity Technique Using Minimum Shift Keying Over Rayleigh Fading Channel”, International Journal of Applied Engineering Research(IJAER),ISSN 0973-4562,Volume 12,Number 11, 2017, pp 2 Using 728-2730.
- 📖 B.Suresh Ram, P.Siddaiah, A.Kishore Reddy “Performance Analysis of M-ary Phase Shift Keying Using Hybrid Selection/Maximal Ratio Combining Over Rayleigh Fading”, in Int.Journal (IJSETR),Volume 5, Issue 12,May 2016, pp 2340-2342.
- 📖 B.Suresh Ram,P.Siddaiah “ Symbol Error Probability Analysis of M-ary QAM Using Hybrid Diversity Technique in Rayleigh Fading Channel”, Int.Journal(IJETT),Volume 35,Number 6,May 2016, pp 274-277.
- 📖 B.Suresh Ram,P.siddaiah, A.Kishore Reddy “Hybrid diversity technique for minimizing fading”, in Int.Journal(IJETT),Volume 22,Number 2,April 2015, pp 89-92
- 📖 B.Suresh Ram,P.siddaiah, “Performane evaluation of hybrid diversity technique using pulse amplitude modulation”, in Int.Journal(IJETT),Volume 22,Number 7,April 2015, pp 335-338.
- 📖 B.Suresh Ram,P.siddaiah “Design of most effective method for minimizing the fading and SEP analysis using DPSK over Rayleigh fading channel”, in Int.Journal (IJECET),Volume 4,Issue 3,May-June 2013, pp 227-231

- 📖 B.Suresh Ram,P.siddaiah “A Novel approach to minimize fading using hybrid selection /Maximal ratio combining and SEP analysis with BFSK over Rayleigh channel”, in Int.Journal (IJEER),Volume 4, Number 2,2012, pp 165-170
- 📖 M.A Khadar Baba, Dr.V.Malleswara Rao, B.Suresh Ram, “BER Estimation for variable SNR- A GAGAN Application”, In proc. Nat.Conf.(NCCCI'12), December 2012, pp 12062, GITAM University, Hyderabad,A.P,India.
- 📖 Syed Ateeq, B.Suresh Ram, K.Udaya Kumar “Smart drip irrigation system for cotton cultivation” in Int.Journal (IJATIR),Volume 8,Issue 21, November 2016, pp 4089-4091
- 📖 Praveen Pattanand, B.Suresh Ram“Internet of Things explained with vehicle anti-theft tracking system”, In Int.Journal (IJSETR),Volume 4, Issue 42, Oct 2015, pp 9286-9288 , December 2012, pp 12062, GITAM University, Hyderabad,A.P,India.
- 📖 V Naga Phanindra, B.Suresh Ram “Wireless remote control car based on ARM7 ”, in IJETT, volume 5, Number 5, Nov 2013, pp 221-225
- 📖 Peddi Varun Kumar, B.Suresh Ram “Implementation of highly secured multipurpose electronic card”, in IJSETR, volume 3,Issue 49, Dec 2014, pp 9966-9973
- 📖 K.Satti Babu, B.Suresh Ram“Fingerprint based secured flexible system for ATM transactions”, in IJSETR, volume 3,Issue 49, Dec 2014, pp 9988-9993
- 📖 G.Vijaya Lakshmi, B.Suresh Ram,T.Ramakrishna “Health monitoring system using Wi-Fi as a communication medium on ARM7”, in IJESRT, volume 2,Issue 9,Sept 2013, pp 2455-2458
- 📖 V.Prasanthi, B.Suresh Ram, Abdul Subahni Shaik “Implementation of the ATM Security system using ZIGBEE”, in IJESRT, volume 2,Issue 9,Sept 2013, pp 2404-2406
- 📖 Y.Ramgopal, B.Suresh Ram “Design of vehicle bus data acquisition and fault diagnosis system using CAN”, in IJETT, volume 4,Issue 9,Sept 2013, pp 3801-3804
- 📖 P.Mahesh, B.Suresh Ram “Realtime vehicle tracking and accident alarm system using embedded system”, in International Conference(ASAR'13), pp 20-22

**Workshops and FDPs Attended:** 15 workshops and 15 FDPs

**Projects Guided:** 35 B.Tech Projects and 20 M.Tech Projects

**(B. Suresh Ram)**