FACULTY PROFILE		

Name : **Mr. Somu P. Parande**

Designation : **Assistant Professor**

Department : **Electronics and Communication Engineering**

Employee ID : 1-462384621

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Qualification : M.E

Professional Experience

Teaching experience : 15 Years

Administrative Responsibilities :

1. *Department Association Coordinator*
2. *Anti-ragging Coordinator*

Teaching : UG and PG

No. of Projects Guided

UG : 20

PG : 06

Research

Interest Area	:	*Wireless Sensor Networks (WSN)*
Publications	:	
Journals : (with citations)	:	

1. **Somu P. Parande**, Jayashree D. Mallapur, Research Trends in Secure Routing Protocols and Communication System in WSN' Blue Eyes Intelligence Engineering and Sciences Publication' which has published in 'International Journal of Innovative Technology and Exploring Engineering (IJITEE)', ISSN: 2278–3075 (Online), Volume-9 Issue-1, November 2019, Page No. 3413-3421.

2. **Somu P. Parande** , Jayashree D. Mallapur, International journal of advanced computational engineering and networking, issn(p): 2320- 2106, issn(e): 2321-2063 volume-6, issue-10, oct.-2018, http://iraj.in. Defending against eavesdropping attack in wsns: a co- operative beam forming & jamming approach**.**

3. **Somu P. Parande** , Jayashree D. Mallapur, Secure Authentication Technique for Cluster Based WSN,May 2016 IJIRT Volume2 Issue ISSN:2349-6002.

4. **Somu P. Parande,** Jayashree D. Mallapur, Advanced analysis and development of hierarchical routing protocols International Research Journal of Engineering and Technology,Volume :05 Issue :06 June 2018.

5. **Somu. P. Parande,** Jayashree D. Mallapur**,** Tactical approach to identify and quarantine spurious node participation request in sensory application. International Journal of Electrical and Computer Engineering, Vol. 10, Issue 4-2020, pp 3451-3459.

| **Conferences** | : | |

1. **Somu P. Parande**, Shikha Nema , Digital Signal Process based software defined radio: Proceedings of the International Conference on communication computational control and Nano Technology ,ICN 2010 held during October 29-30 2010 REC, Bhalaki.

2. **Somu P. Parande**, Shikha Nema Architecture of Software Defined   Radio with the help of analog to digital ,digital to analog using digital signal processor. Organized by Educational and research institute University, Maduravoyal Chennai conducted on 6th -7th of October 2010.

3. **Somu P. Parande**, Jayashree D. Mallapur, *"Angular Variation Methodology for Landslide Measurement,"* Fourth International Conference on Computational Intelligence Communication Systems and Networks, 24 - 26 July Pucket 2012. 978-0-7695-4821-0/12© 2012 IEEE, DOI 10.1109/CICSyN.2012.19 **Citations 4**.

4. **Somu P. Parande,** Jayashree D. Mallapur, Ashwini V Mannapur, [Efficient adaptive routing algorithm for WSNs with sink mobility](#)   Publication date 2015 Book Intelligent Computing and Applications Pages 167-176, Publisher, Springer, New Delhi, **Citations 1**.

5. **Somu P. Parande**, Jayashree D. Mallapur "Modified RSA for Mobile Communications" 2018 2nd IEEE International Conference on Power Electronics ,Intelligent Control and Energy Systems October 22-24, (ICPEICES-2018)"978-1-5386-6625-8/18/$31.00 ©2018 IEEE" 2018 organized   by Department   of Electrical Engineering, DTU, Delhi ,India.

6. **Somu. P. Parande**, Jayashree D. Mallapur**,** Simplified Framework for Resisting Lethal Incoming Threats from Polluting in Wireless Sensor Network Computer Science On-line Conference", Springer 8th Computer Science On-line Conference, pp 21-30, 2019.

7. **Somu. P. Parande**, Jayashree D. Mallapur, "Adaptability against Eavesdropping attack in WSN: Co-operative Beam forming and Relays Approach", 3rd International Conference on Computer Networks and Inventive Communication Technologies ICCNCT 2020, RVS Technical Campus, International Conference, COIMBATORE, Tamil Nadu, 23rd - 24th July 2020.

Events Organized	:	1. SDP on "Image Processing using MATLAB" on 22-25 June 2013.

Conferences/ Symposiums/ Workshops/ Training Programs Attended	:	

1. FDP on Recent Advances in E&CE at BLDEA'S Bijapur during 21 Sep to 23 Sep 2007
2. FDP on Arm processor BVB, CET, Hubli 15 Dec to 16. 2008
3. FDP on Embedded Systems at BEC, Bagalkot during 05 Feb to 10 Feb 2007.
4. FDP on Computer Networks at BEC, Bagalkot 21 Feb to 23 Feb 2008.
5. FDP on Wireless Sensor Networks at BEC, Bagalkot, 24 Feb to 28
6. Robotics and Nano technology at BEC, Bagalkot 03 Feb to 08 Feb 2009
7. Mission 10X at BEC, Bagalkot 2nd aug to 6th aug 2010
8. FDP on Intelligent Instrumentation and Robotics at Dept. of IT,BEC, Bagalkot during 26 – 30 March, 2012
9. FDP on Micro and Nano Technology at MSRIT, Bengaluru during 17 – 19 April, 2013
10. FDP on Recent Advances in Wireless Networks at BEC, Bagalkot during 16 – 18 May,2013.
11. FDP on Implementation of signal processing algorithms using FPGA at BEC, Bagalkotduring 21 – 23 May, 2013
12. FDP on Technical Documentation using Latex at BEC, Bagalkot during 27- 29 May, 2013.
13. FDP on Design, Modeling and Simulation of MEMS devices at BEC, Bagalkot during 10 -12 July, 2013.
14. Sustainable Energy Resources for Academic Campuses at BEC, Bagalkot during 5-6 June,2015.
15. Outcome Based Education at BEC, Bagalkot 18 Dec 2015.
16. Workshop on IEEE APS Region Distinguished Speaker Programme at BEC, Bagalkot on 11September, 2015.
17. Management Development Programme IIM Kozhikode Sep 26th-28th 2016.
18. Recent Advances in Signal Processing and Communication networks at BEC, Bagalkot 17 Mar -19th Mar 2017
19. Engineering   Education & the Industry: A Post COVID -19 Perspective, at MCT's Rajiv Gandhi Institute of Technology, Mumbai, 1 June, 2020 to 5 June, 2020
20. Digital Transformation in Teaching Learning Process an e-Certification course from IITB,Mumbai during 6-22 April, 2020.
21. Mathematical and Statistical Modelling Godavari Institute of Engineering and Technology Andhra Pradesh, 26/05/2020 to 30/05/2020
22. Evolution from Offline to Online Teaching, at Satish Pradhan Dnyanasadhana College ,Thane. 30th May 2020 to 3rd june 2020
23. FDP on MOODLE Learning Management Systems at Tagore Institute of Engineering and Technology, Deviyakurichi, under Spoken Tutorial, IITB, Mumbai during 4-9th May, 2020.
24. Electronics e-Quiz by PIT, Hospete on 2nd June, 2020
25. Electronics e-Quiz by BLDEA's VPDPGHCET, Vijayapura on 3rd June, 2020
26. FDP on Python by IIPS-DAVV with Spoken Tutorial, IITB, Mumbai during 1-5^{th}June,2020