


DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

Name	Mr. Jarande Pravin B.	
Designation	Assistant Professor	
Date of Birth	29/04/1982	
Highest Qualification	M. E.	
Specialisation	Electronics and Telecommunication	
Teaching experience	9.5 Years	
Industrial Experience	1.3 Years	
Email id	pravin.jarande@yahoo.co.in	
Date of joining	13/07/2010	

No .of Papers presented/published (National conferences)	01
Details	<ol style="list-style-type: none"> 1. “Restricted Flooding and Directional Routing for Wireless Mobile Ad-hoc Networks”, National Conference on Emerging Trends in Electronics and telecommunication- Dec-2013, at SVERI COE Pandharpur, Dist-Solapur. M.S.

No.of Papers presented/published (International conferences)	04
Details	<ol style="list-style-type: none"> 1. “Restricted Flooding and Directional Routing for Wireless Mobile Ad-hoc Networks”, International Journal of computer Application (IJCA),NCET- Volume-2, Issue-7,March -2013. 2. “Limited Flooding and Directional Routing for Wireless Mobile Ad-hoc Networks”, International Conference on Science and Technology(ICST-2K13)- Feb-2014, at S. B. Patil COE Indapur, Dist-Pune. M.S. 3. “Automatic Vaccum Cleaner Using Arduino”, International Journal of Innovative Reasearch Explorer (IJIRE), Volume 5, Issue 3, March-2018. 4. “Robotic Vaccum Cleaner Using Arduino With Wifi”, International Conference on Inventive Communication and Computational Technologies (ICICCT 2018)- 21April2018. IEEE Xplore Compliant - Part Number: CFP18BAC-ART; ISBN:978-1-5386-1974-2

No.of seminars	-
Details	-

No.of STTP/Workshops	09
Details	<ol style="list-style-type: none"> 1. STTP on “Advanced Engg. Materials” at SSPM college of Engg. Kankavali. (13 to17 December 2010) 2. STTP on “PYLONS” at SSPM college of Engg. Kankavali.

	<p>(27 to 31 December 2010)</p> <ol style="list-style-type: none"> 3. STTP on “Solar, Power, Renewable Energy” at SSPM college of Engg. Kankavali. (30 May to 3 June 2011). 4. STTP on” Advanced Digital Signal Processing” at SSPM COE Kankavali. (26 to 30 December 2011) 5. STTP on “Mobile Adhoc Network” at SSPM college of Engg. Kankavali (09 to 13 January 2012) 6. STTP on “MATLAB for Signal Processing” at SVERI college of Engg. Pandharpur (26 to 30 November 2012) 7. STTP on Arduino Based Systems Conducted by SYS Computer, Mumbai at SSPM College of engineering Kankavali.(5th January 2018)) 8. AICTE Approved Faculty Development Programme (FDP101X) on “Foundation Program in ICT for Education” Conducted by IIT Bombay. (8 March to 12 April 2018) 9. AICTE Approved Faculty Development Programme (FDP201X) on “Pedagogy for Online and Blended Teaching-Learning Process” Conducted by IIT Bombay.(4 May to 18 June 2018)
No. of projects guided at UG level	13
Details	<ol style="list-style-type: none"> 1. Electricity Theft detection using power line communication.(2010-11) 2. PAPR reduction of OFDM using clipping and Filtering.(2011-12) 3. Zigbee Network for railway using GPS for collision warning & obstacle avoidance.(2012-13) 4. Detecting Packet dropping fault in Mobile Adhoc Network.(2012-13) 5. Two factor Authentication.(2012-13) 6. Implementation of WPAN in NS-2.(2013-14) 7. Secure Speech transmission using audio steganography.(2013-14) 8. Performance analysis of Gi-Fi Technology.(2014-15) 9. Appliances control for handicap(2015-16) 10. Automatic speed control in restricted areas.(2015-16) 11. Rough Terrain Beetle Robot using Arduino.(2016-17) 12. Vacuum Cleaner Robot using Arduino.(2017-18) 13. WiFi Based Home Automation System(2018-19)
Membership in Professional Bodies	—
Research / Sponsored / Consultancy Projects	—
Awards / Honours / Prizes	-
No.of Books published	-
Details	-