

Name of Teaching Staff : Prof. Sanjay B. Deshmukh
Designation : Assistant Professor
Department : Electronics & Telecommunication Engineering
Date of Joining the Institution : 4.8.2003



Qualifications with Class / Grade : 1. M.E. (Digital Electronics) from Amravati University in June 2006 with 1st class 61.38%.
2. B.E. (Electronics & Telecomm. Engineering) from Amaravati University in June 1994 with 1st class 61.48%.
3. Ph.D.(Pursuing), Mumbai University.

Total Experience in Years : **Teaching: 20 years**
1. Assistant Professor, Dept. of Elect. & Telecom. Engg., D.J. Sanghvi College of Engg. from 1.1.2006 till date.
2. Lecturer, Dept. of Elect. & Telecom. Engg., D. J. Sanghvi College of Engg. from 4.8.2003 till 31.12.2005.
3. Lecturer, R.G.I.T., Versova, Mumbai, 1 year.
4. Lecturer, Muchhala Polytechnic, Thane, 5 years.

Industry: 2 years

Two years in Electronics Control System, Dadar, Mumbai.

Research: --

Papers Published : **National: 6**
1." Advanced Metering Infrastructure using ZigBee Technology and it's advantages", NCCT 2011,DJSCOE, 14th October 2011.
2."Comparison of open source RTOSs using various performance parameters",National Conference ,REACT-2013, B.D College of Engineering , Sevagram, Wardha,M.S, February 14th 2013.
3. "USB To USB Data Transfer without PC ",National Conference , REACT-2013, B.D College of Engineering , Sevagram, Wardha,M.S, February 14th 2013.
4. " Design and control of Mechanical Structure of Lego robot ", National Conference , REACT-2013, B.D College of Engineering , Sevagram, Wardha,M.S, February 14th 2013.
5."Application of speech recognition in Embedded Voice",National Conference,NIRMAN-2013, A.C Patil College of Engineering ,Kharghar , Navi Mumbai, February 23rd – 24th 2013.
6. "RC Servometer module for Humonoid Robot", National Conference on Wired and Wireless Communication, SIES Graduate School of Technology ,Nerul, March 15th– 16th 2013

International: 15

1." Performance parameters of RTOSs; comparison of open source RTOSs & benchmarking techniques", International

- Conference, NMIMS MPSTME Mumbai, January 23rd – 25th 2013
2. “Embedded Vehicle Control System based on Voice Processing using DSPIC”, International Conference, ICCT-2013, DJSCE Mumbai, October 17th-19th 2013.
 3. “Automation of water treatment plant using Raspberry Pi”, International Conference, IJPRET, 2014, IBSS Amravati, April 2014.
 4. “Raspberry Pi for Automation of Water Treatment Plant”, International Conference, ICACCI-2014, IEEE Digital Library, September 24-27, 2014.
 5. “Survey on Traffic Engineering using MPLS Technology”, International Conference, ICACIT-2014, RGIT, Mumbai, December 18-19 2014.
 6. “Raspberry Pi for Automation of Water Treatment Plant”, International Conference, ICCUBEA-2014, PCCOE Pune, Feb 26-27 2015.
 7. “Implementation of Traffic Engineering using MPLS Technology”, International Conference, ICWET-2015, TCET, Mumbai, Feb 27-28, 2015.
 8. “Energy efficient routing using wireless sensor network”, International Conference, ICONECT-2015, KCCOE, Thane, March 12-13, 2015.
 9. “Implementing QoS policy in MPLS Network”, International Conference, ICCT-2015, DJSCE, Mumbai, Sept 25-26, 2015.
 10. “Performance evaluation of PEGASIS and IEEPB Routing Protocols in wireless sensor networks”, CAE -2015, Nov. 2015.
 11. “Comparison of DSDV and PEGASIS Routing Protocol in Wireless Sensor Network”, International Conference, ICWET-2016, TCET, Mumbai, Feb 26-27, 2016.
 12. “Analysis of Circularly Polarised E-shaped Microstrip Antenna”, International Conference, APSYM 2016, CUSAT, Cochin, Dec. 15-17, 2016.
 13. “Modified Circular Monopole Antenna For Ultra Wideband Response”, International Conference, APSYM 2016, CUSAT, Cochin, Dec. 15-17, 2016.
 14. “Analysis and Design of Broadband Corner Truncated Rectangular Microstrip Antenna”, International Conference, APSYM 2016, CUSAT, Cochin, Dec. 15-17, 2016.
 15. “Wideband Designs of 60° Sectoral Microstrip Antenna Using Parasitic Angular Sectoral Patches”, International Conference on Wireless Communication ICWiCOM 17, DJSCE, Mumbai, Jan. 17-18, 2018

National: 01

International:03

- Papers Presented in Conferences :
- 1."Comparison of open source RTOSs using various performance parameters",National Conference ,REACT-2013, B.D College of Engineer , Sevagram, Wardha,M.S, February 14th 2013.
 - 2." Performance parameters of RTOSs; comparison of open source RTOSs & benchmarking techniques", International Conference, NMIMS MPSTME Mumbai, January 23rd – 25th 2013
 3. "Analysis and Design of Broadband Corner Truncated Rectangular Microstrip Antenna ", International Conference,APSYM 2016, CUSAT,Cochin, Dec.15-17,2016.
 4. ."Wideband Designs of 600 Sectoral Microstrip Antenna Using Parasitic Angular Sectoral Patches", International Conference on Wireless Communication ICWiCOM 17,DJSCE,Mumbai,Jan.17-18,2018

PhD Guide ? Give field & University : **Field:** --
University: --

PhDs / Projects Guided : **PhDs :**
Projects at Masters level:

Books Published / IPRs / Patents : 1. "Network Synthesis and Filter Design", Technmax Publication, Pune.
2. "Embedded Systems and Real Time Programming", Techmax Publication, Pune.

Professional Memberships : ISTE

Consultancy Activities : --
Awards : --
Grants fetched : Minor Research Grant from University of Mumbai for project Soil based data acquisition system & weather forecasting.
Interaction with Professional Institutions : --