



Sinhgad Technical Education Society's

Sinhgad College of Engineering
Vadgaon (Budruk) Off. Sinhgad Road, S.No. 44/1,



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BE ENTC

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Significant Achievement

- ➔ Assignment related to Data Structures published on Mission10x portal by Wipro Technologies This assignment was prepared as a part of one week teachers training program arranged by Wipro Technologies
- ➔ Appreciation Letter from College Authorities Received Appreciation letter from college authorities for successful organization of one week SDP on Troubleshooting and Maintenance of Electronic Instruments during December 3-7, 2012
- ➔ Appreciation Letter from College Authorities Received Appreciation letter from college authorities for successful organization of two week SDP on Soft Computing during June 01-13, 2015
- ➔ Appreciation Letter from College Authorities Received Appreciation letter from college authorities for successful organization of two week SDP on Neural Network Design arranged during June 13-15, 2011

Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
PhD	Sinhgad College of Engineering	University of pune(uop)	-	-	-	Pursuing
BE Electronics and TeleCommunications	Bharati Vidyapeeth's College of Engineering	Shivaji university	2005	70.52%	First class with Distinction	Completed
M.E. Electronics (Digital Systems)	Sinhgad College of Engineering, Pune	University of pune	2010	63.2%	First	Completed

Training Details

Training Title	Arrange By	Venue	Date	Level	Category	Type
Optical Fiber Technology	Sterlite Optical Technologies Ltd.	Sterlite Optical Technologies Ltd., Aurangabad, Maharashtra	07 Sep 2006 to 09 Sep 2006	Training	Industry Interaction	External

Faculty Training Program-TE E & TC Curriculum	Sinhgad Academy of Engineering, Pune	Sinhgad Academy of Engineering, Pune	09 Dec 2013 to 14 Dec 2013	Training	Quality Improvement Programs	Internal
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Conference Details

Name	Venue	Date	Level	Category	Type	Sponsored By
e-PGCON 2008	PICT, Pune	28 Apr 2008 to 28 Apr 2008	Institute	Research		Board of Studies, University of Pune
NCPC-2010	Dept. of E & TC, Sinhgad College of Engineering	09 Apr 2010 to 10 Apr 2010	National	Research		IEEE Pune Section
INNOVATION-2012	Maharashtra Academy of Engineering, Alandi	19 Mar 2012 to 19 Mar 2012	Institute	Research		BCUD, University of Pune
INNOVATION-2010	Sinhgad College of Engineering, Pune	26 Oct 2010 to 27 Oct 2010	Institute	Research		BCUD, University of Pune
INNOVATION 2009-10	Sinhgad College of Engineering, Pune	16 Dec 2009 to 17 Dec 2009	Institute	Research		BCUD, University of Pune
Global ICT Standardization Forum for India	SKN College of Engineering, Pune	29 May 2009 to 30 May 2009	International	Industry Interaction		Department of Technology, Government of India
NSPC-2013	Dept. of E & TC, Sinhgad College of Engineering	15 Mar 2013 to 16 Mar 2013	National	Research		IEEE Student Chapter, SCOE
International Conference on Advances in Engineering and Technology (ICAET-2013)	SKN Sinhgad Institute of Technology and Science, Lonavala	15 May 2013 to 17 May 2013	International	Research		SCMR
Student Awareness Contest 2012	Sinhgad College of Engineering	28 Dec 2012 to 28 Dec 2012	University of Pune	Extra-Curricular Activities		IEEE Pune Section & IEEE Student Branch, SCOE
National Conference on Latest Trends in Electronics and Telecommunication	Department of E & TC	23 Oct 2013 to 24 Oct 2013	National	Research		BCUD, Pune

Workshop Attended

Workshop Topic	Conducted By	Date	Level	Category	Type
VLSI Chip Design	Department of E & TC, Sinhgad College of Engineering, Pune	02 Feb 2006 to 04 Apr 2006	Quality Improvement Programs	Quality Improvement Programs	Internal
DSP System Design using FPGA	SKN College of Engineering, Pune	15 May 2006 to 17 May 2006	Quality Improvement Programs	Quality Improvement Programs	External
Syllabus Detailing for BE 2008 Course	BOS (Elex/E&TC), UoP & JSPM's ICOER, Pune	13 Jul 2011 to 13 Jul 2011	Co-Curricular Activities	Co-Curricular Activities	External
Neural Network Design	E & TC Dept, SCOE	13 Jun 2011 to 25 Jun 2011	Quality Improvement Programs	Quality Improvement Programs	Internal
MATRIX RELOADED	E & TC Dept. , SCOE	18 Feb 2012 to 19 Feb 2012	Other In House Event	Other In House Event	Internal

Troubleshooting and Maintenance of Electronic Instruments	E & TC Dept., SCOE	03 Dec 2012 to 07 Dec 2012	Quality Improvement Programs	Quality Improvement Programs	Internal
FDP on SE (E & TC/Elex.) Revised Syllabus	Board of Studies, University of Pune & RSCOE, Pune	17 Jun 2013 to 22 Jun 2013	Quality Improvement Programs	Quality Improvement Programs	External
Embedded Image Processing	Department of E & TC, Sinhgad College of Engineering	06 May 2013 to 10 May 2013	Quality Improvement Programs	Quality Improvement Programs	External
Soft Computing	Department of E & TC and Sponsored by AICTE, New Delhi	01 Jun 2015 to 13 Jun 2015	Research	Research	External
Train the Trainer Program of SE (E & TC)	Sinhgad Academy of Engineering, Kondhwa	04 Dec 2014 to 06 Dec 2014	Quality Improvement Programs	Quality Improvement Programs	Internal
Faculty Orientation Workshop on TE revised Syllabus Sub: SPOS	BoS-UoP and MMCOE, Pune	12 Jun 2014 to 14 Jun 2014	Quality Improvement Programs	Quality Improvement Programs	External
Staff Development Programme on Advanced Digital Signal Processing	Department of E & TC, sponsored by AICTE, New Delhi	03 Dec 2007 to 13 Dec 2007	Research	Research	Internal
SE E & TC/ELEX Syllabus Structure Finalization	E & TC Dept., AISSMS in association with SPPU	14 Mar 2016 to 14 Mar 2016	Co-Curricular Activities	Co-Curricular Activities	External

Research Projects

Project name	Description	Status	Budget	Project type
To Design Circular Microstrip Antenna using Various Optimization Techniques	A Research Project funded by BCUD, University of Pune	100	200000	Sponsored Projects

Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
0974-9667	Design of Circular Microstrip Antenna for Circular Polarization using ANN	2010	CiiT International Journal of Artificial Intelligent Systems and Machine Learning	Indexed Journal	Accepted and Published	Sachin Takale, Dr. S. D. Lokhande
2278-2834	Design of CA-AOMDV Protocol using ANN	2014	IOSR Journal of Electronics and Communication Engineering	Journal - International level	Accepted and Published	Sachin Takale
2319-7242	Reversible Data Hiding Technique with Improved reversibility in Encrypted Images	2015	2015, vol 4	Journal - International level	Accepted and Published	Sachin Takale
2347-6710	Data Hiding Technique with Improved Erasability of Distortion Introduced	2015	International Journal of Innovative Research in Science, Engineering and Technology	Journal - International level	Accepted and Published	Sachin Takale

2217 128	A Review of Development of Routing Protocols using Ant Colony Optimization in MANET	2015	International Journal of Advanced Research in Computer Science and Software Engineering	Journal - International level	Accepted and Published	Sachin Takale
2319-5940	Survey on Data Aggregation Techniques	2016	International Journal of Advanced research in Computer and Communication Engineering Vo.5, Issue 5, May 2016	Journal - International level	Accepted and Published	Sachin Takale
2347-6710	Implementation of Ant Colony Based Energy Aware Routing Protocol in MANET	2015	International Journal of Innovative Research in Science, Engineering and Technology	Journal - International level	Accepted and Published	Sachin Takale
2347-6710	Data Hiding Techniques with Improved Erasability of Distortion Introduced	2015	International Journal of Innovative Research in Science, Engineering and Technology	Journal - International level	Accepted and Published	Sachin Takale
2395-0072	Smart Irrigation System using FPGA Based Wireless Sensor Network	2016	International Research Journal of Engineering and technology	Journal - International level	Accepted and Published	Sachin Takale

Membership Details

Membership Body	Details	Duration	Level
THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS	AM-221206	01 Jul 2014 to 30 Jun 2015	National

Post Held

Organization Name	Post	Organization Category	Appointment Status	Duration
Sinhgad College of Engineering	Lecturer	STES	Full Time	Dec 07,2005 to Jun 01,2010
Sinhgad College of Engineering	Assistant Professor	STES	Full Time	Jun 02,2010 to Apr 09,2014

Declaration

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date :15-Oct-2016

Prof. Sachin Takale