Sinhgad Technical Education Society's

Sinhgad College of Engineering

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

Prof. Sunita Shashikant Lokhande

BE ENTC

sslokhande.scoe@sinhgad.edu

9822947935

Significant Achievement

- SDP on Neural Network - Received funding from AICTE during 2010-11 as a Coordinator
- Development of IMC using Embedded Neural Network - Received funding from BCUD during 2009-10 as a principle investigator

Academic Qualification

Degree	Institute Name	University Name	Year of Passing	Percentage	Grade	Qualification Status
BE Electronics	PVPIT, Budhgaon, Sangli	Shivaji university	1992	65.8%	First Class	Completed
ME Electronics & Telecommunic	TKIET, Warananagar	Shivaji university	2006	66.63%	First class	Completed
Ph.D.	Shivaji university , Kolhapur	Shivaji university	2014	-	NA	Completed

Conference Details

Name	Venue	Date	Level	Category	Sponsored By
ICETE-2010.	Dr. J.J. Magdum College of Engineering ,JASINGPUR	20 Feb 2010 to 21 Jul 2010	International	Research	N
ICI-2009	Cummins College of Engineering , Pune	21 Jan 2010 to 23 Jan 2010	International	Research	N
NCRAE12)	Sanjeevani Engineering and technology Institute, Panhala, Maharashtra	22 Jun 2002 to 23 Jun 2012	National	Research	Na
Innovation -11	MAE, Alandi, Pune	19 Mar 2012 to 19 Mar 2012	Training	Research	University of Pune.
Process Automatio, Control and Computing ,-11	Coimbatore institute of technology , Coimbatore	20 Jul 2011 to 22 Jul 2011	International	Research	IEEE

ICETE -2010	International conference on Emerging trends in Engineering, Dr. J.J. Magdum College of Engineering , Jasingpur .	20 Feb 2010 to 21 Feb 2011	International	Research	Nil
ICSES10	S.E.S. college of Engineering , Navalnagar.	01 Apr 2010 to 02 Apr 2010	International	Research	Nil
ICI	Cummins college of Engineering,Pune	20 Jan 2010 to 23 Jan 2010	International	Research	no
ARTCON-2010	Annadsaheb Dange College of Engineering, Ashta.	15 Jan 2010 to 16 Jan 2010	National	Research	no
NSPC-10	Sinhgad College of Engineering, Pune	10 Apr 2010 to 11 Apr 2010	National	Research	N
ICCE	Maharashtra Academy of Engineering , Pune	21 Dec 2010 to 22 Dec 2010	National	Research	NA
Innovation-10	Sinhgad College of Engineering , Pune	06 Nov 2009 to 06 Nov 2009	National	Research	university of Pune
ORION-08	PravaraRural Engineering College, Loni,	29 Mar 2008 to 30 Mar 2008	National	Research	Na
NSI -28	College of Engineering, Pantnagar	17 Apr 2006 to 18 Apr 2006	National	Research	Na
e-PGCON-2008	PICT,Pune	28 Apr 2008 to 28 Apr 2008	National	Research	University of Pune
NCSE- 08	Ramaiah Institute of Technology, Bangalore	24 Apr 2008 to 24 Apr 2008	National	Research	NA
e-PGCON-08	PICT,Pune	28 Apr 2008 to 28 Apr 2008	National	Research	University of Pune
e-PGCON-2009	SInhgad College of Engineering,Pune	20 Apr 2009 to 20 Apr 2009	National	Research	University of Pune
e-PGCON-09	Sinhgad College Of Engineering,Pune	20 Apr 2009 to 20 Apr 2009	National	Research	University of Pune
e-PGCON -10	Rajshri Shahu College of Engineering, Pune	17 Apr 2010 to 17 Apr 2010	National	Research	Universiyu of Pune
e-PGCON-11	MIT, Pune	24 Apr 2011 to 24 Apr 2011	National	Research	University of Pune
e-PGCON-13	MAE, Alandi	28 Apr 2013 to 28 Apr 2013	National	Research	University of Pune
ICECE-12	IRNet,Pune	12 Apr 2012 to 12 Apr 2012	International	Research	NA
Development of Neural Linearisi Control Scheme (NLCS) based on Embe	Sinhgad College of Engineering, Pune,	09 Apr 2010 to 10 Apr 2010	National	Research	IEEE
International Journal on computer and communication technology	C.V. Raman College of Engineering, Bhubuneswar	03 Dec 2010 to 05 Dec 2010	International	Research	NA

Procedure for quality test measurement of convex mirror ICAE-15	College of Engineering and technology, Sadar ,Nagpur	25 May 2015 to 26 May 2015	National	Research	NA
Habitat impact on acoustic bio-sonar characteristics of Irrawaddy dolphins	national Institute of ocean Technology, Chennai	23 Feb 2015 to 25 Feb 2015	International	Research	IEEE
National conference on Mechatronics	SITES,Narhe	17 Feb 2016 to 18 Feb 2016	Technical	Research	SPPU, pune

Research Projects

Project name	Description	Status	Budget	Project t type
Development of IMC using Embedded Neural Network -	BCUD funded project	Completed	Rs. 200000/	State level

Research Papers and Journals

ISSN/ISBN No	Paper Title	Publish Date	Journal/Conference Name	Level	Paper Status	Authors
0974-9675	*Intelligent Fingerprint recognition system Using Affine transformation*	*2012*	*CiiT international journal of Biometrics and BIoinformatics*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
0974-9675	*Comparison of iris segmentation methods for performance enhancement of recognition*	*2012*	*CIIT-IJ*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
0975-888	*Iris segmentation using Geodesic Active counter for improved texture extraction in recognition*	*2012*	*IJCA*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
0974-1518	*A novel Adaptive channel equalizer using DSP processor*	*2010*	*International Journal of Engineering research and Industrial Applications*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
2249-7838	*Rotation invariant Fingerprint identification System*	*2012*	*IJECCT*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
0974-9675	*Intelligent Fingerprint recognition system Using Affine ransformation*	*2012*	*CiiT international journal of Biomertics and Bioinformatics*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
0975 - 8887.	*Image compression using Neural network*	*2010*	*International Journal on computer applications*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*

2278-0181	*Iris Recognition for Biometric Identification using Wavelet Packet Decomposition*	*2012*	*IJERT*	*Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
4208	*wavelet Packet based iris texture analysis for person Authentication*	*2013*	*SIPIJ*	*Refereed and Indexed Journal*	*Accepted and Published*	*Sunita Lokhande*
2319-1813	*Detection of Glaucoma using optic disk segmentation from retina*	*2015*	*THE IJES*	*Journal - International level*	*Accepted and Published*	*Sunita Lokhande*
978-1-4799-6273-0	*Automatic Electric meter reading*	*2015*	*ICPC-15*	*Journal - International level*	*Accepted and Published*	*Sunita Lokhande*
2394-3696	*Missing sensor identification using Neural Network in concrete structure*	*2016*	*IJERT, ICITER-D153*	*Journal - International level*	*Accepted and Published*	*Sunita Lokhande*
2319-8753	*A review: Methods for sensor identification using neural Network.*	*2016*	*IJIRSET, vol 5 issuse 6*	*Journal - International level*	*Accepted and Published*	*Sunita Lokhande*
2319-8753	*A surveyon Anaglyph Generation*	*2016*	*IJIRSET, vol 5, issuse 6*	*Journal - International level*	*Accepted and Published*	*Sunita Lokhande*

2394-3696	Underwater object identification using ultrasound	2016	paper ID ICITER-D152	Journal - International level	Accepted and Published	Sunita Lokhande
2395-0056	Acoustic signal processing technique to classify reservoir sediments	2016	IRJET	Journal - International level	Accepted and Published	Sunita Lokhande
2394-3696	Classifications of underwater sedimentsusing Acoustics signal processing methods	2016	IJIERT	Journal - International level	Accepted and Published	Sunita Lokhande
2393-8021	PC based oscilloscope usong procesor	2016	vol3, issuse 6, 278-280	Journal - International level	Accepted and Published	Sunita Lokhande
2278-7798	Vocal vision Android application for visually impaired person	2016	IJSTER,vol 5 issuse 6 pp.2233-2239	Journal - International level	Accepted and Published	Sunita Lokhande

Membership Details

Membership Body	**Details**	**Duration**	**Level**
Indian society for Technical Education	58913	02 Jun 2008 to 17 Jul 2013	National
Institute of Electronics and Telecommunication Engineering	221168	10 Sep 2008 to	International

Self Contribution

Self Growth(2011-2012)			
Date	**Venue**	**Contribution**	**Category**
11,May - 11,Mar	PVPIT,Budhgaon,Sangli	Project Assessment of UG student	Project Evaluator

Institutional Development Contribution(2010-2011)			
Date	**Venue**	**Contribution**	**Category**
09,Sep - 10,Sep	Sinhgad College of Engineering,Pune.	Coordinator of Engineering Stream in AVISHKAR-2010.	Co-ordination

Institutional Development Contribution(2009-2010)			
Date	**Venue**	**Contribution**	**Category**
21,Oct - 22,Oct	Sinhgad College of Engineering,Pune.	Coordinator of Engineering Stream in AVISHKAR-2009.	Co-ordination

Organizational Development Contribution(2010-2011)			
Date	**Venue**	**Contribution**	**Category**
02,Jan - 17,Jan	STES, Vadgaon	Committee Member : Sinhgad Karandak	Member of Committee

Student Development Contribution(2009-2010)			
Date	**Venue**	**Contribution**	**Category**
01,Jul - 30,Apr	DIAT	To arrange the visit and accompanied to the student for same	Coordinator of Industrial Visit
01,Jul	KPIT Cummins,Pune	To Guide the student about the topic as per directions from company	Research Project

Student Development Contribution(2012-2013)			
Date	**Venue**	**Contribution**	**Category**
01,Jul - 30,Apr	Gas trubine power station, Uran	to organize and accompanied the student for visit t	Industrial Visit
01,Jul - 30,Apr	GMRT, Narayangaon	To arrange the visit and discussion about sponsorship	Industrial Visit

Student Development Contribution(2009-2010)			
Date	**Venue**	**Contribution**	**Category**
01,Jul - 31,May	KPIT Cummins ,Pune	guide the student on topics Distance estimation between two moving vehicles	Research Project

Student Development Contribution(2010-2011)			
Date	**Venue**	**Contribution**	**Category**
01,Jul - 31,Mar	Electromagnet, Hydrabad	To plan and organization of visit	Industrial Visit
01,Jul - 31,May	KPIT, Cummins	To guide the student on project sponsored by company	Research Project

Student Development Contribution(2012-2013)			
Date	**Venue**	**Contribution**	**Category**
01,Jun	Image provision ,Pune	Guide the student for getting sponsorship for project	Research Project

Self Growth(2013-2014)			
Date	**Venue**	**Contribution**	**Category**
17,Jun - 17,Jun	SAE, Kondhva	EXpert lecture on DSP	Expert Session

Self Growth(2008-2009)			
Date	**Venue**	**Contribution**	**Category**
03,Nov - 05,Nov	Bharti ViOE, Pune	Practical Exam of UG students	Examiner
06,Oct - 06,Oct	Bharti Bhavan <pune	paper setting	Paper Setter

Self Growth(2007-2008)			
Date	**Venue**	**Contribution**	**Category**
10,Aug - 10,Aug	Bharti Bhvan,Pune	paper setting	Paper Setter
08,Dec - 11,Dec	Bharti Vidyapeeth, Pune	paper checking	Evaluator
08,Dec - 11,Dec	Bharti Vidyapeeth, Pune	paper checking	Evaluator
Self Growth(2005-2006)			
Date	**Venue**	**Contribution**	**Category**
14,Apr - 20,Jul	PICT,Pune	Senior Supersior for UG university exam	Senior Supervisor

Self Growth(2006-2007)			
Date	**Venue**	**Contribution**	**Category**
15,Sep	SCOE,Pune	Received Recognition as PG Teacher	Guide / Mentor

Academic Development Contribution(2014-2015)			
Date	**Venue**	**Contribution**	**Category**
08,Jan - 09,Jan	Sinhgad College of Engineering,Pune	Worked as judge and member of core committee	Judge
01,Jun - 13,Jun	SCOE,Pune	As a coordinator	Faculty Development Programme
01,Jul	SCOE,Pune	To arrange the industrial visits for students	Industrial Visit
05,Jul	SCOE.Pune	Class monitor, Arranging seminar, project coordinator	PG coordinator

Student Development Contribution(2015-2016)			
Date	**Venue**	**Contribution**	**Category**
01,Jun - 31,Jul	Sinhgad college of Engineering	ME project coordinator-University level exhibition, Attanagment of Presentation .	project coordinator
01,Jul - 30,Jun	SCOE, Pune	Guiding the students for getting sponsored project from CWPRS, Image provision	Researcher
01,Jul - 30,Jun	Wonder Automation , Chandigrah	Visit is arranged and accompained the students for same	Industrial Visit

07,Feb - 07,Feb	NBN, Ambegaon	Lecture on STP IV for TE	Guest lecture
27,Jan - 27,Jan	BVCOE, Pune	Evaluation Of PG project work	Examiner
19,Jun - 19,Jun	RSCOE, Pune	ePGPEX-16 organized by SPPU, Pune	Judge
26,Mar - 26,Mar	SCOE (Computer dept.)	FInepro-16, Project competition	Judge
01,Jul - 30,Jun	SCOE, Pune	PG Coordinator for ME(Signal processing)	PG coordinator

Institutional Development Contribution(2015-2016)			
Date	**Venue**	**Contribution**	**Category**
01,Jan - 31,Mar	SCOE, Pune	Project, seminar report format committee	coordinator

Institutional Development Contribution(2014-2015)			
Date	**Venue**	**Contribution**	**Category**
26,Sep - 31,Oct	SCOE,Pune	Compilation normalization of Various parameters related to awards of different categories of SCOE	commitee member

Declaration

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

Date :01-Aug-2016

Prof. Sunita Lokhande