

Mrs. Sonali Shailesh Bhosale

**M.E. (E&TC)**

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### Academic Qualification:

Degree	Institute Name	University Name	Year of Passing	Qualification Status
M.E.(E&TC)	G.S. Moze COE, Pune	SPPU	2014	Completed
B.E.(E&TC)	S.V.P.M.'s COE, Baramati	SPPU	2009	Completed

### Research Expertise

- Subject Areas: Image/Video Processing, Signal Processing, Computer Vision

### Training Details

Training Title	Arrange By	Venue	Date	Level	Category	Type
Innovative & Inventive Problem Solving	AISSMS, Pune	Online	29-04 July 2021	--	AICTE sponsored STTP for Faculty & Students	External
Digital skill development for Professionals	BSIOTR, Pune	Online	8-13 Feb 2021	--	AICTE sponsored STTP for Faculty & Students	External
Faculty Orientation Workshop on Revised Curriculum 2019 of the subject Control System	SPPU, Pune	Online	18-20 Jan 2021	--	FOW	External
One Day Online Workshop On "Virtual Labs: Hands on Outreach Workshop"	SKNCOE and AISSMS	Online	7 Oct 2020	--	Faculty	External

Train the Trainers	SINHGAD EDUCATION SOCIETY	SCOE, Pune	16-18 Dec 2019		TTT	Internal
Best Practices for Outcome based Education	SKNCOE, Pune	SKNCOE	19-24 Dec 2019	--	AICTE-STTP	Internal
Industry Speed 3D printing Technology	SITS Narhe	SITS, Narhe	27-31 Jan 2019	--	AICTE_ISTE-FDP	External
12 Week FDP on Digital Image Processing	NPTEL	Online	Jan to Mar 2019	--	AICTE-FDP	External
8 Week FDP on Introduction to Coding Theory	NPTEL	Online	Jul to Oct 2019	--	AICTE-FPD	External
Cyber Security	FDC PMMMNMIT	SKNCOE	10-16 June 2019	--	FDP	External
Ethics & Moral Values	SKNCOE, Pune	SKNCOE, Pune	5-18 Dec 2017 (Two Week)	--	AICTE Sponsored FDP for Faculties	Internal

### Workshop Attended

Workshop	Topic	Conducted By	Date	Level	Category	Type
FOW on TE E&TC/Electronics revised syllabus (2019 Course)	Digital Image Processing(304195)	SPPU	31-2 Feb 2022	University	FOW	External
One Week FDP on Research Methodology, Research Publications and Patent Filing	Research Methodology	SITCOE, Yadrav	20-24 Jul 2021		AICTE Sponsored FDP for Faculties	External
One Week FDP	UHV Refresher1	AICTE	30-5 Jul 2021		AICTE Sponsored FDP for Faculties	External
One Week FDP	GIT IIT Spoken	SKNCOE	1-5 Jun 2021		FDP	Internal
One Week FDP	Inculcating Universal Human Values in Technical Education	AICTE	3-5 May 2021		AICTE Sponsored FDP for Faculties	External
One Week FDP	Advanced Python programming	M.H. Saboo Polytechnic, Mumbai	6-12 Apr 2021		AICTE Sponsored FDP for Faculties	External
One Week FDP	New Emerging Trends in Data Analysis	Government Polytechnic, Nagpur	8-13 Feb 2021		STTP	External

FDP IIT Bombay	Python (Spoken Tutorial)	AVIT, Chennai	20-24 Mar 2020	National	AICTE Sponsored FDP for Faculties	External
One Week FDP	Advancements & Research Opportunities in Electronics & Telecommunication Engineering	Bharati Vidyapeeth	4-8 Aug 2020		AICTE Sponsored FDP for Faculties	External
One Week FDP	Future Advancements and Applications of Internet of Things	SIME, Nashik	12-14 Jun 2020		AICTE Sponsored FDP for Faculties	External
Two days National level Seminar	Women's Entrepreneurship: challenges and Opportunities	SKNCOE in Association with NCW	24-25 Feb 2020	National	NCW	Internal
Two days Workshop	Machine learning : Industry Exposure	SKNCOE	21-22 Sept 2019	National	Workshop	Internal
BCUD Sponsored Workshop	Recent advances in Remote Sensing and satellite Image Processing	JSPM's Rajarshi Shahu College of Engineering, Tathawade, SPPU, Pune	8-9 Feb 2019		Workshop	External
Faculty Orientation Workshop" BE (E&TC/ ELEX Revised Syllabus 2015 Course),SPPU Pune	Digital Image & Video Processing	Dr.D.Y.Patil Institute of Engineering, Management & Research,	13 Jul 2018	University	FOW	External
Three Day's Workshop on Sinal Processing	Auditory Signal Processing and MATLAB Programming	Pune Institute of Computer Technology, Pune	4-6 Oct 2018	State Level		External

### Conference Details

Name	Venue	Date	Level	Category	Sponsored By
ICHIIST	SKNCOE	17th June 2021	International	International	SKNCOE
ICHIIST	SKNCOE	2020	International	International	SKNCOE
6 <sup>th</sup> National Conference on Advancement in Communication, Computing and Electronics Technology	Modern Education Society's, Coe, Pune,	March 25-26 , 2019	National	National	IETE Pune Centre Approved

ISSN/ISBN No	Paper Title	Publis h Date	Journal/Confer ence Name	Level	Paper Status	Authors
2233-7853 IJFGCN	Devanagari Character Recognition Using Neural Network	August 2021	International Journal of future Generation, Communication and Networking	Inter-national	Published	Ms.Priyanka Deshpande, Ms.Ankita Bondre, Ms.Vaishnavi Bhise Mrs.Sonali Bhosale
2233-7853 IJFGCN	Automated Skin Diseases Recognition using CNN	August 2021	International Journal of future Generation, Communication and Networking	Inter-national	Published	Mr.Prashant Kamble, Mrs.Sonali Bhosale Ms.Trupti Borse, Ms.Tanvayee Inamdar
2233-7853 IJFGCN	Deep Joint Demosaicking Using Convolutional Neural Network	August 2021	International Journal of future Generation, Communication and Networking	Inter-national	Published	Mr.Karan Matke, Mr.Viraj Vaidya, Mrs.Sonali Bhosale Mr.Zahid Warne
2233-7853 IJFGCN	Deep Learning based Detection and Classification of Bone Fractures	August 2021	International Journal of future Generation, Communication and Networking	Inter-national	Published	Mr.Anmol Kumar, Ms.Arya Tode, Mrs.Sonali Bhosale Mr.Aniket S.Laichettiwar
2233-7853 IJFGCN	Fruit Classification Using Convolutional Neural Network	2021	International Journal of future Generation, Communication and Networking	Inter-national	Published	Ms.Pooja Khandare, Ms.Rutuja Cheke Mrs.Sonali Bhosale
ISSN No.- 2233-7857 IJFGCN	Categorization of Tiles using Image Processing	July 2020	International Journal of future Generation, Communication and Networking	Inter-national	Published	Mr.Sumit Kumar, Mrs.Sonali Bhosale, Mr. Sneh Verma, Mr.Survesh Jha
ISSN No.- 2233-7857 IJFGCN	Automatic Classification of Overian Cancer Tpyes using cytological Images With the help of DCNN	July 2020	International Journal of future Generation, Communication and Networking	Inter-national	Published	Mr.Raubins Raj, Mrs.Sonali Bhosale Ms.Arati Role, Ms.Pooja Prajapat
ISSN No.- 2233-7857	Nutrition & Calories within	July 2020	International Journal of	Inter-national	Published	Ms.Gautami Sarode,

IJFGCN	the Food Measured using Processing & CNN Methods		future Generation, Communication and Networking			Mrs.Sonali Bhosale Ms.Nikita Kulkarni, Ms.Aarti Kakade
ISSN No.- 2348-1269,2349-5138	Musical Instrument recognition using LPC and K-nearest neighbor classifier	March 2019	Advancement in communication, Computing and Electronics Technology	Inter-national	Published	Mrs.Rutuja Kothe, Mrs. Sonai Bhosale
ISSN No.- 1076-5131	Marine Border Alert System	March 2019	National Journal of applied science and computations	National	Published	Mrs. Sonai Bhosale, Mrs.Rutuja Kothe

### Membership Details

Membership Body	Details	Duration	Level
ISTE LMT	LM 121918	Life Member	National

### Declaration

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

Date: 03 March' 2022

Name: Sonali Shailesh Bhosale

