



Name: Dr. Sanjivani Pravin Munot

Designation : Associate Professor

Department: Electronics & Telecommunication

Qualification:

S r. N o	School /Diploma / Degree /SET /NET	Name of the School / College /Institute	Board / University	Year of Passing	Class/ CGPA / Percentage	Subjects / Specialization
1	Ph.D (E&TC)	M.C.O.E& R,Nasik	SPPU,Pune	2020		Speech processing
2	M.E.(Electronics)	T.K.I.E.T.C.O.E, Warananagar	Shivaji University	2001	First Class 65.68%	
3	B.E(Electronics)	K.K.W.C.O.E Nasik	Pune University	1991	First Class 60%	

Professional body membership: LMISTE

Projects guided at PG Level: 10

Projects guided at UG Level: about 50

Any other Information / Achievements:

- a. Developed Virtual Lab For Laboratory Experiments.
- b. Prepared a Printed Journal For Practical.
- c. Paper setter & Examiner for Pune University, North Maharashtra University & Y.C.M.O.U.
- d. Worked In Different Committees of Annual Social Gathering.
- e. Worked As a Class coordinator
- f. Worked As A Departmental Practical Examination Coordinator.
- g. Lab Incharge of Basic electronics lab.
- h. Working as a Alumni coordinator.
- i. Worked as a NBA coordinator.
- j. Guided various projects for under graduate level.
- k. Working as a N.S.S coordinator.
- l. Recognized as a Post graduate teacher.
- m. Working as anti ragging committee member.
- n. Working as a NAAC coordinator.
- o. Invited as a session chair for Conference on Wireless Communication & Android Applications “WiCAA-15” at KVNNEER.
- p. Invited as a judge for National level project competition ProUtsav at K. K. Wagh Polytechnique Nashik.

Grant Obtained:

- 1) Grant sanctioned form AICTE for skill and personality development center of Rs 16, 65,000/-
- 2) Grant of Rs 2, 00000/- sanctioned form SPPU to organize National level .

Subject Taught at UG level:-

1. Electronic circuit & devices-I
2. Electronic circuit & devices-II
3. Digital electronics
4. Network Theory
5. Linear integrated Circuit
6. Basic electronics
7. Digital Communication
8. Analog communication
9. Industrial electronics
10. Signals & system
11. Component & devices
12. Digital signal processing
13. Electromagnetics
14. Network Analysis
15. Electrical circuits and machines

Subject Taught at PG level:-

1. Research methodology
2. Reconfigurable computing

Paper presented at National Level & International Level

Sr.No	Title of paper	Publication detail	Date
1.	Curriculum development under modern challenges	International conference at Bhuvaneshwar	
2.	Quality engineering education through networking of institutions	International conference at Coimbatore.	
3.	Attributes of engineers	International conference at Coimbatore	
4.	Automatic Greenhouse controller	National conference at Nashik	
5.	Electronics In Agriculture	National conference at Mumbai	
6.	Adaptive noise filtering using LMS algorithm	International conference at Dhule	
7.	Bandwidth management for QoS support in wireless network under Smooth Random Mobility Model	International conference on Recent Trends in Engineering & Technology	24 th & 25 th Mar 2012.
8.	Embedded polyhouse an application of wireless sensors and fuzzy logic	International conference on Recent Trends in Engineering & Technology	24 th & 25 th Mar 2012.
9.	An Overview of Technical Progress in Speech Recognition	International Journal of Advanced Research in Computer Science and Software Engineering Volume 3, Issue 3, March 2013 ISSN: 2277 128X	March 2013
10.	Pitch Detection in Time Frequency and Cepstral domain for Articulatory Handicapped People	IEEE Conference 978-1-4799-1626-9/13 ,	Dec-13
11.	Review on Feature Extraction in Speech Processing	International Conference on Recent Trends in Engineering & Technology ICRTET	July 2015

12.	De noising of speech using wavelets	IJMTER e-ISSN No-2349-9745	24/7/15
13.	Prediction of speech for articulation disorder	IJETT VOLUME 25 NO-2	2/7/15
14.	Review of Feature Extraction in speech processing	IJMTER e-ISSN No-2349-9745	24/7/15
15.	Rasta-PLP for speech recognition of articulatory handicapped people	IJSAE ISSN NO-2321-7545 Vol-2 Impact factor-3.599	11/11/14
16.	Speech recognition of articulatory handicapped people using LPC	IJSAE ISSN NO-2321-7545 Vol-3 Impact factor-3.599	3/2/15
17.	Effect of combination of different feature on speech recognition for abnormal speech,	International Journal of Engineering and Computer Science, ISSN: 2319-7242, Volume 5 Issues 8 , Page No. 17590	Aug-16
18.	Effect of preprocessing along with MFCC parameters in speech recognition	International Journal of Engineering Development and Research, Volume 4, Issue 3 ISSN 2321-9939, Page No. 563	Aug-16
19.	Speech Recognition using MFCC and various segmentation Parameters for Deaf People	International Conference on contents, computing and communication 2017 at Matoshri COE research centre ,Nashik.	18-Aug-17
20.	Feature selection of abnormal speech using binary tree	International Journal of Innovative Research in Science , Engineering & technology ,Vol. 5, Issue 8, ISSN 2319-8753, August 2016	May-17
21.	Communication Aid for People With Severe Speech Disability	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)	Oct-18
22.	Computer aided Detection of Parkinson's disease using speech signal	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP)	Oct-18

23.	Parameter Estimation Using HMM for Disordered Speech	2018 IEEE Workshop on complexity in engineering, Florence (Italy)	10-Oct-18
24.	Effect of performance parameters of SVM and k-NN on speech recognition for articulatory Handicapped people	International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-04, Issue-04, July 2018	July 2018
25.	Heart Rate Monitor using IOT	International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075	Jul-19

Patent Filed

Sanjivani S. Bhabad,(Munot) Indian Patent (Filed), 201621039304, “Speech recognition and correction for articulatory handicapped people”.

Course Developed:- Udemy Course developed on “ Design of FIR filter using windowing technique in Matlab”

You tube channel created more than 30 videos are uploaded on different course.

<http://ssbhabad.blogspot.com/2020> is created to help the students to do practical virtually at any time.