



Name: Dr Prasanna Gopal Shete

Designation: Head of the department &
Associate Professor in E & TC department

Contact Details:

pgs_entc@pvgcoet.ac.in

Phone Number with extension: 020- 24228258 / 65 / 79 Extn : 450

Educational Qualifications:

- PhD (E&TC), Savitribai Phule Pune University (SPPU), Mar 2018.
- MTech. (E&TC – Digital Systems), Pune University, Pune, May 2006.
- B.E. (Electronics), Shivaji University, Kolhapur, July 1991.

Experience:

- Teaching: 33 Years 01 Months

Research Interests:

- BioMedical Signal & Image Processing
- Devices and Integrated Circuits
- Computer Networks

Research Projects:

- SPPU - BCUD Funded Project: 2013-2015

Number of Publications: TOTAL: 23

International Journal:09

National Journal:04

International Conference:06

National Conference:04

Number of Books / Book chapters Published: 01

Recognition/ Awards:

- **Best Professor in E&TC Engineering by Business School & Dewang Mehta National Education**
- **CICTT Certification Mission 10 X by Wipro Pvt. Ltd and Cambridge Uni. UK**

Professional Society Memberships:

- **ISTE – LM26376**

Number of FDPs / STTPs organized: 10

Number of Workshops organized: 08

Number of Conferences / Seminars organized: 02

Number of FDPs / STTPs attended: 20+

Number of Workshops attended: 20+

Number of Conferences / Seminars attended: 10+

Number of Online Certification Courses done: 06

Number of Webinar attended: 04

Number of times served as a Resource Person:20+

Number of times served as a Reviewer / Judge: 05 + 15

SIGNIFICANT CONTRIBUTION:

- Working as Associate Professor & HoD in E&TC dept. at PVGCOET & GKPIoM, Pune
- Working as Institutions Innovation Council (IIC) as Convener-PVGCOET & GKPIoM
- Working as KPIT NOVA Coordinator at College level
- Working as FE Admission Committee member at College level
- Working as NEP 2020 – Coordinator for Multi – Multi / Inter Disciplinary Committee
- Working as NAAC Criteria 5 Co-Ordinator at E&TC dept level.
- Worked as Dean Academics from 2018 to March 21at PVGCOE, Nashik.
- Worked as Head in PVG's COET E&TC from April 12 to December 2017.
- Worked as IEEE /ICBSS International Conference Reviewer Conference Reviewer.
- Worked as Local Inquiry Committee Member and Staff Selection Committee.
- Worked as NBA/NAAC Co-Ordinator at department level at PVG COET, Pune
- Worked as Coordinator of Versatelia-09 in PVG's COET, Pune-09
- Worked as Vice President Gymkhana in PVGCOET, Pune-09.
- Worked as Assistant Director in CAP for UoP.
- Worked as Internal and External Senior Supervisor at SPPU. Worked as Master Trainer for Mission10x.
- Worked as EDCell Co-ordinator founder member.

Subjects taught till date:

- *FE (COMMON) - Basic Electronics Engineering*
- *SE (E&TC) - Electronic Circuits (EC) / Electronic Devices and Circuits (EDC)*
- *SE(E&TC) - Solid State Devices and Circuits (SSDC)*
- *SE (E&TC) - Integrated Circuits (IC)*
- *SE (E&TC) – Signals and Systems (SS)*
- *TE (E&TC) - Digital Signal Processing (DSP)*
- *TE (E&TC) – E-I -Computer Network (CN) / Computer Network Security (CNS)*
- *BE (E&TC) - Digital Image Processing (DIP)/ (DIVP)*
- *BE (&TC) – Audio Video Engineering (AVE)*
- *BE (E&TC) - Wireless Sensor Network (WSN)*
- *SE (Mech) - Industrial Electronics (IE)*
- *TE (Mech)- Mechanical Measurement and Control (MMC)*

2. EDUCATIONAL QUALIFICATION

Degree	Specialization	Year	Institute/University	Percentage
PhD (E &TC)	Biomedical Signal Processing	2018	Matoshri College of Engineering & Research Centre, Nasik. Savitribai Phule Pune University	Awarded on 22 nd March 2018
M.Tech (Digital Systems)	Electronics and Telecommunication	2006	PIET's College of Engineering, UoP	CGPA 7.92

B.E	Electronics	1991	Walchand Institute of Technology-Solapur Kolhapur University	70.00 %
-----	-------------	------	--	---------

2. EMPLOYMENT HISTORY

College	Designation	Year [Total Experience = 32 years]
Pune Vidyarthi Griha's College of Engineering & Technology & GKP(W) IoM, Pune - 411009	Working as Head of Dept. (Associate Professor in E&TC dept. from 1 st Jan 23 till date...)	Ref No./ Ref.No./CCO/Approval/35 Ref.No./CCO/928/22/03/2018
Pune Vidyarthi Griha's College of Engineering, Nashik	Worked as Asst. Prof. in E&TC dept. from 25 th June till 31 st March 2021.	Ref.No./CCO/Approval/35 Ref.No./CCO/928/22/03/2018
Pune Vidyarthi Griha's College of Engineering and Technology, Pune - 9	Assistant. Prof. in E&TC dept. till June 2018	Ref.No./CCO/Approval/273 / 275 / 35
Pune Vidyarthi Griha's College of Engineering Pune - 9	Lecturer in E&TC dept.	1 st July 1994 to 31 st July 2007 Ref.No./CCO/Approval/2189
S.S.V.P.S College of Engineering , Dhulia	Lecturer in E&TC dept.	1 st August 1991 to 28 th July 1994

2. RECOGNITIONS / APPRECIATIONS/PATENT FILED

Achievement	Title	Awarded by
Award	Best Professor in E&TC Engineering	Business School & Dewang Mehta National Education
Patent Filed	Innovative Breast Cancer Prognosis detection based on HER2 marker"	Govt. of India Mumbai

Patent Filed	Digital Signal Spectrum System”	Govt. of India Mumbai
Certification	CICTT Certification Mission 10 X	Wipro Pvt. Ltd and Cambridge Uni. UK
Certified Trainer	Newsletter for Mission 10X Nov.10	Wipro Pvt. Ltd.

REVIEWER

Name of the Conference	Organizer	Duration
ICBBS 2023	CBEES	29-31 October 2023
ICBBS 2020 -22	CBEES	29-31 October 2021-22
ASTEST	INTERNATIONAL	APRIL 2020
ICBBS 2019	CBEES	23-25 October 2019
ICCCC 2018	MCOER, Nashik	17 – 18 August 2018
ICIP 2015	VIT, Pune	16-19 Dec 2015

3. RESEARCH PAPERS PUBLISHED IN REFEREED JOURNALS

Publication	Title of paper	Year of Publication
ICGEWE - 2024 at PVGCOET, GKPIOM, Pune-09	Opportunities for Women Empowerment	9th March 2024 Best Paper of the Session award
1st International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIHI-2023) IEEE Conference Record No #57871.	Machine Learning-based Monitoring and Prognosis of Chronic Kidney Disease Patients (Paper ID: 272)	29th & 30th Dec 23 at SSIPMT, Raipur Chattisgarh, India

IEEE International Carnahan Conference on Security Technology	Accounting for the Unaccounted Vulnerabilities Found in Endpoint ISP SOHO Router	11-15 Oct 2023 IEEE xplore
International Journal of Scientific Research in Engineering & Management Vol:07, Issue:05, May 23,	Smart Document Classification (IF: 80176) SJIF 2023: 8.176	May 2023 ISSN:2582-3930 UGC:Yes
International Journal for Research in Applied Science & Engineering Technology Vol:11, V, May 23,	Diagnosis of Diabetic Retinopathy using Fundus Images and Image Processing Methods (IF - 7.538)	May 2023 ISSN:2321-9653 UGC: Yes
IJSREM '2022 VOL 06, Issue 06, pages - 06	Brain Tumor Classification using Deep learning	June 2022, ISSN: 2582-3930 UGC : Yes
IJARCT '21 Vol. 6, Issue 1 DOI:10.48175	“Severity of Wheeze detection using Hybrid Algorithm”	June 2021 ISSN (online) 2581-9429 Pages-6
IJSRET '21 Vol. 7, Issue 3	“Generation of High Frequency Bat Voice for Avoiding Locust Attack in Field”	May – June 2021, ISSN (online) 2395-566X Pages-3
IJSR, Jan 2021 Vol:10, Issue:01, Pages-2	Evaluation of Breast Cancer UGC Sr.No. 49217	January 2021 ISSN:2277-8179, DOI:10.36
EJHEA - 2021 - (20) Vol: 01, 07 pages, Scholarzest,	Step towards Achieving Gender Equality	ISSN:2660-5589 Sept 2021
WJAHR 2019 Vol-3, Issue 3, Pages-11	Automatic Breast Cancer detection based on IHC markers	May- June 2019 ISO-2015 Certified Int. Jr. ISSN-2457-0400
EECCMC 'Jan 18, IEEE International Conference Page-5	Classification and Correlation of IHC markers in Breast Cancer	26 th – 27 th January 2018 (Sub-IEEE Digital xplore) ISSN – 979-1-5386-4304/2018 IEEE
ICCCC '17 International Conference	Evaluation of IHC–ER and HER2 in Breast Cancer	18 th & 19 th August 2017
ICTACT '2016, International Conference Vol. 07, Issue 01,	Evaluation of IHC marker HER2 in Breast Cancer	August 2016 ISSN- 0976-9102 (online) pg 1318-1323, Pages-6

ICBBS ' 2015 , International Conference	Evaluation of IHC biomarker for BC detection	25 th , 26 th June 2015 ISSN- 2301-3672, Pages-7
PISER , International Journal Vol-02, Issue-03/06	A Review of Breast Cancer cell Evaluation Technique and Biomarkers	May-June 2014 ISSN- 2347- 6680(E) Pg- 230- 235, Pages-6
IJSTR Vol: , Issue:	Android based Spectrum Analyzer	October 2013 ISSN 2277-8616 Pages-
CiiT - DIP, International Journal, Vol:04, Issue No.16,	ER cell Detection in Breast Cancer Using Modified Watershed Algorithm	December 2012. ISSN: 0974-9691 Pages-7
IJERT, International Journal Vol-01, Issue 9,	Breast Cancer Cell Detection Using Image Processing	November 2012. ISSN – 2278-0181 Pages-7

TECHNICAL ON-LINE COURSES – NPTEL / IIT - B SPOKEN TUT.

Name of the course	Organization	Duration
Introduction to Computer Network & Internet Protocol	NPTEL SWAYAM	July – Nov 2021
Python, Scilab , Arduino , eSIM	IITB Spoken English	FDP - April 2020
Entrepreneurship	SWAYAM	Jan to April 2020
Digital Image Processing	NPTEL	Jan to April 2019
Introduction to Machine Learning	NPTEL	April to Sept 2019

5. AICTE – Universal Human Values – FDPs

Name of the course	Place	Duration
5-day Face-to-Face UHV-II FDP organized by AICTE	Face to Face	16th to 20th January 2024
SI UHV Online – AICTE Initiative	ONLINE in Hindi	21 to 25 June 2021
Inculcating UHV in Technical Education (Engineering) - AICTE	ONLINE in English	30 Nov to 4 th Dec 2020
Student Induction - AICTE	DYP COE, Akurdi, Pune	13 to 15 May 2019
Student Induction – AICTE	DYP COE, Akurdi, Pune	10 to 16 June 2019

5. ORGANIZED - TECHNICAL WORKSHOP/STTP/SEMINARs

Name of the Course	Venue	Duration
ALUMNI TALK SERIES - 2024	Dr P G Shete Prof M P Potdar	2024
GUI Implementation using MATLAB APP Designer	Dr P G Shete Prof M P Potdar Prof N D Chaudhari	01st March 24 for TE -E-II - DIP Students
ALUMNI TALK SERIES - 2023	Dr P G Shete Prof M P Potdar	20-23 September 2023
MATLAB Hands On SDW on ML & DL	Dr P G Shete Prof M P Potdar Dr Mrs M P Atre Prof N D Chaudhari	8th Aug to 12th Aug 2023

SYMPOSIUM ON ML/DL & AI HACKATHON	Dr P G Shete Dr Mrs M P Atre	20th Jan - 23rd Jan 2022
ALUMNI TALK SERIES - 2022	Dr P G Shete Prof M P Potdar	31st Oct - 4th Nov 2022
ALUMNI TALK SERIES - 2021	Dr P G Shete Prof Mrs T S Khatavkar Prof M P Potdar	20-23 September 2021
GUI building with MATLAB APP Designer	Dr P G Shete Prof Mrs N D Chaudhary Prof M P Potdar	1st March 2024

5. ATTENDED - TECHNICAL WORKSHOP/STTP/SEMINARs

Name of the Course	Venue	Duration
Design Thinking & idea Lab	PVGCOET & GKPIOM, Pune	10th to 14th June 2024
ML and its Applications (ISTE STTP FDP)	CWCOE, Pune (On - Line)	31st April to 3rd May 2024
National Intellectual Property Awareness Mission	Intellectual Property Office, Pune, India	8th Sept. 2023
Advances in Biomedical and Image Processing – TEQIP – STTP	GCOE- Raipur (ONLINE)	8-12 Mar 2021
Design and Fabrication of VLSI circuits – TEQIP - STTP	GCOE- Raipur (ONLINE)	1-5 Mar 2021
Advances in Biomedical Signal Processing with hands-On – AICTE	CCOEW- Pune (ONLINE)	02-07 Nov 2020
FDP- Signal Image Video Processing: A Practical Approach - TEQIP – STTP	GOE Karad (ONLINE)	26-30 May 2020
MATLAB EXPO '17 and '19	J W Marriott, Pune	25 th April 2017, 2 nd May 2019
TI Embedded system design using TIVA	PVG's COET, Pune	15 th to 17 th December 2016

Signals and Systems	PVG's COET, Pune	2 nd January to 10 th January 2014
Automotive Electronics	PVG's COET, Pune	May 2012
MATLAB in Engineering Education	Le Meridien Pune	14 th March 2012
“Technical Report Writing using LaTeX”	PVG's COET Pune	24 th ,25 th Feb.2012
“Writing Effective Conference Papers”	PVG's COET (Videoconferencing)	18 th ,19 th Feb.2012

6. EFFORTS -IMPROVING TEACHING LEARNING PROCESS

Innovative Teaching Learning Methods - FDP	KBT COE, Nashik (ONLINE)	10-12 May 2021
Faculty Development Program Student Induction – AICTE Sponsored	DYP COERC, Akurdi, Pune	13-15 May 2019
Faculty Development Program Student Induction – AICTE Sponsored	DYP COERC, Akurdi	10-16 June 2019
“Mission 10X – Teaching Methodology” at Mukangan English School.	Muktangan English School, Pune -09.	11 th Feb 2012
“ Mission 10 X – Master Trainers Workshop“ at WIPRO Pvt. Ltd.	Wipro Technologies, Pune	4 th & 5 th January 2012
CICTT Certification Mission 10 X	Wipro & Cambridge. UK	June 2011
“Mission 10X “AARAMBHA” for college staff.	PVG COET, Pune	23 rd March 2011
“Mission 10X – Teaching Methodology” at Naval COE, Lonavala.	Naval COE Lonavala.	29 th June 2010

7. CONTRIBUTIONS AS RESOURCE AT UNIVERSITY LEVEL:

Year	College	Duration	Worked as
SE (ETC) - EC	PVGCOE & SSDIM Nashik	May 23	Resource Person
SE (ETC) - EC	PVPIT & DYP DOE	May 23	Resource Person
SE (ETC) - EC	DYP DOE, Pimpri	May 23	Resource Person
TE (ETC) FOW - 2019 E-1, CN	AISSMS COE IOIT & BoS, SPPU	26 – 28 July 2021	TE – E-I -CN Resource Person
SE (ETC) FoW syllabus Revision	JSPM & BoS SPPU	22-26 June 2020	SE – EC Subject Expert - Attended
SE (ETC) Syllabus FoW, BoS, SPPU	D.Y. Patil, COE, Akurdi , Pune	DEC 2016	SE – IC Resource Person
SE (ETC) Syllabus	MES Wadia, Pune	June 2015	SE – EDC Subject Expert
F.E (ETC) Syllabus	SITS, Narhe, Pune	04 th August 2012	BElex Subject Expe rt
F.E (ETC) Syllabus	AISSMS COE Pune	06 th Marc h 2012	BEE Syllabus Reform
B.E (E&TC) syllabus Restructur e	BSCOE & R, Narhe Pune	25 th March 2011	Subject member
T.E (E&TC) syllabus Detailing	MMIT, Lohgaon, Pune	13 th July 2010	Subject member

S.E (E&TC) Syllabus Detailing.	SGR College Engg. & Managemen t. A Nagar	12 th January 2010	Subject member AIC
--------------------------------------	---	----------------------------------	--------------------

8. WORKED - EXAMINER / CHAIRMAN/ FOR BOARD OF STUDIES

Name of the course	Place	Duration
SE(E&TC) – Electronics Circuits – Chairman (2019)	Savitribai Phule Pune University (SPPU)	Nov/May 2021 Online, 2022 & 23 - OFFLine
FE (E&TC) – Basic Electronics Engineering – Chairman (2015/2019)	Savitribai Phule Pune University (SPPU)	Nov/May 2017, 18, 20 (Online)
FE (E&TC) – Basic Electronics Engineering - Chairman	University of Pune	May 2013
SE (E&TC) – Electronics Devices and circuits (EDC) - Chairman	University of Pune	May 2012
F.E Online Exam 2010-11 Core Committee member	University of Pune	May 2011
F.E Online Exam Senior Supervisor	University of Pune at VIIT Pune	11 th Jan.2011
Senior Supervisor and Custodian for SPPU	University of Pune	17 th to 28 th May 2010

9. WORKED AS RESOURCE PERSON/WORKED AS JUDGE

Year	Subject	College	Duration
FE All	Awareness of Entrepreneurship	PVGCOET & GKPIOM, Pune	13 th April 2022
FE All	Entrepreneurship	PVGCOE & SSDIOM, Nashik	21 st May 2021
FE	Basic Electronic Engg.	AISSMS, COE, Pune	27 th July 2021
Avishkar 16	Project Competition	SPPU, VIIT, Pune	November 2016
Momentum 16	Paper Presentation Competition	Shahu COE, Pune	January 2016
SE (E&TC)	EDC	MIT COE, Pune	04 th September 15
Project Conclave 15	Project Competition	COE Pune	27 th March 2015
Impetus and Concepts 15	Paper Presentation	PICT Pune	23 rd March 2015
Project Competition	DIPEX 14	VCOE, Pandharpur	04 th to 07 th March 2014
Project Competition	IEEE Communication Society	PVGCOET, Pune	24 th March 2014
Electrical Workshop	Integrated Circuits	PVG's COET Pune	16 th to 18 th Dec 2014
Project Competition	IEEE Comm. Society	PVGCOET, Pune	24 th March 2014
Electrical Workshop	Integrated Circuits	PVG's COET Pune	16 th to 18 th Dec. 2014
SE (E&TC)	Electronics Devices and Circuits	Universal COER, Pune	23 rd Sept.2013

SE (E &TC)	Basics of BJT and FET/MOSFET	BSCOER, Narhe Pune	22 nd and 29 th March 2012
SE (E &TC)	'h' parameter in op- amp	PVG's COET Pune	19 th March 2012
Technovision 12	Circuit Design Competition	JSCOE Pune	28 th to 29 th February 2012
Tesla '12	Paper Presentation TESLA 12	MIT COE Pune	27 th February 2012
SE (E &TC)	Design of Voltage Regulator	PVG's COET Pune	12 th April 2011
WIT-Char Project Exhibition	Judge for Projects	WIT-char Solapur	19 th & 20 th March 2011
S.E (E&TC)	Integrated circuits & Application	AISSMS IOIT COE Pune-05	25 th March 2011

The above data and information are true and after 2010.

Dr Prasanna G. Shete Date: 26th JULY 2024

PVGCOET & GKP(W)IOM, PUNE -411009