

Department of Electronics & Telecommunication.

FACULTY-PROFILE :



Name: Prof.Snehal Samrat Thorat(S.M.Gajbhiye)

Designation: Assistant Professor

Date of Birth: 25-Jun-1985

Residential Address : Sarasi & Suhan's Villa
Kamla park, Plot No.44,
Near Jajoo School,Yavatmal 445001

E-mail address : thorat.snehal@gcoey.ac.in, snehsnehu@gmail.com

Phone No. : 9766881817

Degrees Obtained:

Sr. No.	University	Degree	Division/Class	Year	Field of Specialization
1	Amravati University	M.E.	I st Division	2010-11	Digital Electronics
2	Amravati University	B.E.	I st Division	2005-06	Electronics and Telecommunication

Employment Record:

SNo	University/College /Organization	Designation	Period	
			From	To
1	Government College of Engineering, Yavatmal.	Assistant Professor	9-9-2021	Till the date
2	Government College of Engineering, Amravati.	Assistant Professor	19-09-2008	8-09-2021
3	Prof Ram Meghe Engineering College, Amravati	Lecturer	22-06- 2007	18-09-08
4	Government College of Engineering Amravati.	Lecturer	19-01-2006	21-06-07
5	Government polytechnic. college, Amravati	Lecturer	1-01-2007	21-06-07
6	P.D. Polytechnic Amravati	Lecturer	20-11-2006	21-06-07

Consultancy Activities: Nil

Research Interest: Medical Imaging, Signals and System Advanced Digital Signal processing and Digital Electronics.

Publication:

Journal		Conference	
National	International	National	International
Nil	08	05	06

Papers published in National and International Journals:

1. Prof.S.S.Thorat (Gajbhiye) ,International Journal on“ Review on Automatic Diabetic Retinopathy Detection using Pretrained Deep Neural Network ” at international journal of Research in Applied Science and Engineering Technology,Volume8,Issue5,May2020 (Paper ID :IJRSET28685) with Impact factor 7.429 and Index 45.98.
2. Prof.S.S.Thorat (Gajbhiye) ,International Journal on“ Computerized Method for Classifying Red Blood Cells using Boosting Technique” at international journal of Engineering Research and Technology,Volume9,Issue6, Jun2020 (ISSN 2278-0181).
3. Prof.S.S.Thorat (Gajbhiye) ,International Journal on“ A review on methods utilized for Classification of Mammographic Image” at SAMRIDDHI, A journal of Physical Sciences Engineering and Technology,Volume12,Issue3, 2020 (ISSN 2454-5767,pISSN 2229-7111).
4. Mr.S.R.Tongse and Prof. S.S.Thorat(Gajbhiye) ,International Journal on“ Acute Ischemic stroke detection and classification “at international journal of engineering and technology ,Volume6,Issue7,July 2019,(e-ISSN 2390-0056,p-ISSN 2319-0072).
5. Prof. S.M.Gajbhiye ,International Journal on “A review on Internet of thing based garbage bin detection system” at international journal of science and research ,Volume6,Issue4,April2017(Paper ID :ART20172362)(ISSN 2319-7064)

6. Prof.S.S.Thorat(Gajbhiye) ,International Journal on“ Review An automated brain tumor detection Technique” at international journal of science and research ,Volume6,Issue4,April2017(Paper ID :ART20171047) (ISSN 2319-7064)
7. .Prof. S.M.Gajbhiye ,International Journal on “A survey on wireless monitoring of human limb motion at international journal of research in information technology ,Volume2,Issue1,Janewary2014,pg182-185(ISSN 2001-5569)
8. Prof. S.M.Gajbhiye ,International Journal on “Design of ARM based embedded web server for agricultural application”, at international journal of research in computer science and information technology, Volume5,issue1,2014,pg no354-356(ISSN 0975-9646)

Papers Presented/published in Seminars / Conferences

1. Presented a review paper entitled “Classification of Diabetic Retinopathy Based on Hybrid Neural Network, 5th International Conference on Computing Methodologies and Communication organized by Surya Engineering College, Erode, Tamil Nadu, India during 08-10 April2021 (ISBN 978-0-7381-1204-6).
2. Presented a paper at 6th International Conference on Communication and Electronics Systems (ICCES 2021) organized by PPG Institute of Technology, Coimbatore, Tamil Nadu, India during 8-10 July 2021(IEEE Xplore ISBN: 978-0-7381-1405-7).
3. Presented a review paper entitled “Implementation of Multiclass Algorithm for Sickle cell identification and categorization-A Review, 2020,2nd International Conference on Innovative Mechanism for Industrial Applications (IEEE Publication).
4. Presented a review paper entitled “Breast Cancer Detection and Classification”. 2020 , International Conference on Emerging Trends in Information technology and Engineering. For Industrial Applications (IEEE Publication).
5. Presented a paper entitled “A Review on Techniques used for Grading Severity of Fundus Image , 2019,Innovations in Power and Advanced Computing Technology (IEEE Publication).

6. Presented a paper entitled “WSN for earthquake detection and damage detection system” at international conference on emerging trends in electronics, electrical and mechanical engineering held at Pune on 29th May 2016.
7. Dr.V.T.Ingole and Miss S.M. Gajbhiye , National conference on “ Filtering Audio signal by using Blackfin Bf-533 EZ kit lite evaluation board and Visual DSP ++”at B.N. college of engineering ,Pusad on 20th February 2011 .
8. .Dr.V.T.Ingole and Miss S.M. Gajbhiye , National conference on “ Filtering Audio signal by using Blackfin Bf-533 EZ kit lite evaluation board and Visual DSP ++” at J.T.Mahajan college of engineering Faizpur on 2nd and 3rd February 2011.
9. .Miss S.M.Gajbhiye ,National conference proceeding with **ISBN number(988-93-80697-68-0)** on “ Filtering Audio signal by using Blackfin Bf-533 EZ kit lite evaluation board and Visual DSP ++” at Amrutvahini College of Engineering Sangamner on 23rd February 2011.
10. Miss S.M.Gajbhiye, National conference on “ Filtering Audio signal by using Blackfin BF-533 EZ kit lite evaluation board and Visual DSP ++”at Government College of Engineering ,Chandrapur on March -2010
11. Seminar on "AUDIOMETER" at H.V.P. Mandal's College of Engineering Technology, Amravati in 2006.

Conferences, workshops, and Courses attended:

Sr. No	Name of course	Organized By	Duration	Period	
				From	To
1	Developing Internet of Things Solution and Azure(Online)	Government college of Engineering, Department of Information technology Amravati(DTE sponsored one week Industrial training Program))	1 Week	14-02-2022	18-2-2022
2	Photonics and Its Applications(Online)	Sardar Vallabhbhai National Institute of Technology(AICTE training and Learning FDP)	1 Week	19-02-2022	23-2-2022
3	Opportunity, Challenges and Research Trends in WC	Guru Nanak Institutions Technical campus ,Hyderabad ,Telangana	1 week	12-3-2022	18-03-2022
4	Introduction to Machine Learning Research(online)	Government college of Engineering, Department of Information technology Amravati(FDP)	1 Week	21-03-2022	25-03-2022
5	Wearable Devices (Online)	Vignan Institute of Technology and Science (ATAL-FDP)	1 week	4-01-2021	8-01-2021
6	Internet of Things (online)	LBS College of Engineering, Kasaragod(ATAL)	1 week	11-1-2021	15-01-2021
7	Online FDP on Telemedicine(AICTE Training and Learning)	G.Pulla Reddy Engineering College(Autonomous)	1 week	19-1-2021	23-1-2021
8	Basic course in Animation Film Making (Online)	Film and television Institute of India (AICTE training and Learning FDP)	1 Week	17/05/2021	21/05/21
9	Serverless IOT for Societal	Indian Institute of	1 Week	24/05/2021	28/05/2021

	Products(Online FDP)	Information Technology, Kottayam (AICTE training and Learning FDP)			
10	Augmented Reality and Virtual reality(Online)	Gnana-Mani College of Technology (AICTE training and Learning FDP)	1 Week	7-6-2021	11-06-2021
11	Recent Trends in High Speed Optical Communication System and Its Applications	A STTP sponsored by ISTE,IETE, Ramrao Adik Institute of Technology, Nerul, Mumbai	1 week	27-06-2021	2-07-2021
12	Recent Trends in biomedical signal processing	Sipna College of Engineering and Technology, Amravati	1 week	23-11-2020	28-11-2020
13	Microsoft Multiple Faculty connect Training on Microsoft Azure	Government college of Engineering Amravati and Microsoft India	2 days	18/03/2016	19/03/2016
14	The Art of Teaching - Pedagogy	Government college of Engineering, Amravati (TEQIP-II)	1 Week	24/05/2016	28/05/2016
15	Open Source Tools Hands-on Course on Arduino Microcontroller,PLC and Sandhi, a LabVIEW alternative	Government college of Engineering, Amravati (TEQIP-II)	1 Week	26/11/2015	30/11/2015
16	Classical and Modern Optimization Techniques	Government college of Engineering, Amravati (TEQIP-II)	1 Week	21/09/2015	25/09/2015
17	Internet of Things-A Practical Approach,Recent Trends in VLSI Technology using EDA Simulation Tool	Government college of Engineering, Amravati (TEQIP-II)	2 Week	11/09/2015	20/09/2015

	Microwind,TIVA Platform and Web Bench Software				
18	Digital control from scratch ”(Under TEQIP)	Government college of Engineering, Amravati and IITB	1 Week	09/09/2014	13/09/2014
19	A training on “Data Mining (Covering Basics and Advanced Technique of data mining)Trough Software Statistica”(Under TEQIP)	Government college of Engineering, Amravati	1 Week	30/12/2013	3/01/2014
20	Embedded Systems Hardware and Software-A practical approach	Government college of Engineering. Amravati	1 Week	02/12/2013	06/12/2013
21	Digital signal Processing-A practical approach	Government college of Engineering. Amravati	1 Week	25/11/2013	29/11/2013
22	A training on “Teaching Method in Engineering Programmes”(IIT Bombay, under TEQIP)	Government college of Engineering, Amravati	1 Week	12/11/2013	16/11/2013
23	A training on” Digital signal Processing-A practical approach”(TEQIP)	Government college of Engineering, Amravati	1 Week	25/11/2013	29/11/2013
24	A training on Embedded Systems Hardware and Software-A practical approach”(TEQIP)	Government college of Engineering ,Amravati	1 Week	02/12/2013	06/12/2013
25	A short term training on “Image and Video Processing”(TEQIP)	Government college of Engineering, Amravati	1 week	18/03/2013	22/03/2013
26	Training on MATLAB	Government college of	1 week	6/5/2013	10/05/2013

	FUNDAMENTALS” and “Simulink for system and algorithm modeling” by math work training services .	Engineering, Amravati			
27	A Short term training program on (Faculty and Staff Development program cell of TEQIP) Induction program for engineering teachers.	Government college of Engineering, Amravati	1 Week	27/11/2012	1/12/2012
28	A Short term training program on Embedded System-A practical Approach.(TEQIP)	Government college of Engineering, Amravati	1 Week	3/07/2012	7/07/2012
29	A workshop on Candence – OrCAD EDA Technology	Government college of Engineering,Amravati	1 day	20 /8/2010	20/08/2010
30	VLSI &EDA Tools &Technology in Education	Government college of Engineering,Amravati	1 day	18/9/2010	18/9/2010
31	A Pedagogical training in Engineering Methodology	Shegaon Engineering. College,Shegaon	3 days	4/03/2009	6/03/2009
32	Training on DSP & its Application (IIT Bombay)	Government college of Engineering, Amravati	3 days	25/12/2009	27/12/2009
33	A Short term ISTE-STTP training of DSP and its application	P.R.M.I.T.&R college of Engineering. Amravati	1 week	21/04/2008	25/04/2008
34	Pedagogical training on Engineering Education.(TEQIP)	Government college of Engineering ,Amravati	3 days	22/10/2008	24/10/2008

Community Service Programmed:

1)Coordinate Tree Plantation program under celebration of 75th year Independence Day of India government engineering college, Yavatmal 2022-23

2)Co-ordinate the CSP program imparting computer literacy programs for school students along with CSP girls of second year electronics in 2009-10.

Other Activities/ Portfolios /Information:

1. Won First prizes in singing in college and at state level.
2. Won First prize essays writing state level.
3. Won prizes in best drama at college level
4. Represented school at national level singing competition.
5. Departmental library in charge in Electronics and Telecommunication department.
6. Worked as Class teacher of Second year electronics.
7. In charge of Electronics Design And Circuit laboratory.
8. Monitoring and guiding project at UG and P.G. level.
9. Teaching the subject Satellite and Mobile Communication and FOC to PG Students
10. In charge of result and grade moderation.
11. Worked as a feedback In charge.
12. Worked as end semester examination paper setter and Checker.
13. Design syllabus for different subjects in autonomous pattern.
14. Worked as Drama in charge faculty in annual gathering.
15. Worked as in charge of angry bird event in Prajwal an from 2012 to14
16. Working as a departmental garden in charge.
17. Worked as a warden for new girls hostel, Government Engineering College, Amravati.
18. Worked as a Professor in charge for central library, government engineering college Amravati.
19. Worked as departmental exam coordinator for UG and PG (Online/Offline) in Government Engineering College, Amravati.
20. Worked Board of Study, Member for electronics department, Government Engineering College Amravati.
21. Working as Worked as departmental exam coordinator for UG (Online/Offline) in Government Engineering College, Yavatmal from 2022.