



**Sharad Institute of Technology, College of Engineering,
Yadrav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**



(A) Personnel Data:

Title (Mr/Ms./Mrs./Dr./Prof.)	Mrs.
Name	Madhuri Sachin Mali
Programme (UG/PG)	UG
Course / Department	BE (ETC)
Area of Specialization	Image Processing
Exact Designation	Assistant Professor
Address (Residential) (with PIN code)	C/O Sachin Chandrakant Mali, Mali Lane Ward No.8 A/P, Tal: Shirol , Dist: Kolhapur 416103
E-mail ID	msachane@gmail.com
Mobile No.	9623963485

(B) Academic Qualifications:

Exam Passed	Name of the institute
Degree (U.G.)	TPCT COE Osmanabad
P.G.	MBES COE Ambajogai
Ph.D. Pursuing	Registration 2018-19 Shivaji University

(C) Experience:

Teaching Experience (In Years)	Professional / Industrial Experience(In Years)	Research Experience (In Years)
10 yrs	0.6	



**Sharad Institute of Technology, College of Engineering,
Yadrav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

(D) Conferences, seminars, symposia, training, workshop, STTP, FDP attended

(i) Conferences, seminars, symposia, Training, workshop, STTP, FDP attended:

Details of STTP's Attended –

Sr. No	Name of Course	Place	Period	Dates
1	“Workshop on Industrial Consultancy”	JJM COE Jaysingpur	One day	9 Sep. 2011
2	“Workshop on Engineering Education Towards Global Repute”	JJM COE Jaysingpur	One day	7 Oct. 2011
3	“Programmable Robotic Vehicle”	SBGI Miraj	Two days	29th -30th Dec. 2012
4	Network simulator 2 for wired & wireless network	IETE Approved	One Week	17th - 19th Oct 2013
5	Advance Trends in Video Engineering	SITCOE	One Week	12 May to 17 May 2014
6	“Control Systems” (IIT Kharagpur)	SITCOE	Two Week	2nd Dec, 2014 -12th Dec 2014
7	Introduction to Design of Algorithms (IIT Kharagpur)	SITCOE	One Week	25th May 2015 - 30th May 2015
8	Advanced techniques in research methodology	SITCOE	Two Week	15-26june2015
9	Advance Trends in PLC Automation	ISTE Sponsored SITCOE, Yadrav	One Week	30 th Nov-4 th Dec, 2015
10	GUI Design and ARDUINO Interfacing in MATLAB	SUK-LEAD College activity SGI	Two days	17 th -18 th Dec 2015
11	Pedagogy to Synergogy	SITCOE	One Week	7 th -11 th May 2016
12	“Recent Trends in Internet of Things”	SITCOE	One Week	6 th – 11 th June2016
13	Advanced Embedded Technology	SITCOE	One Week	8 th – 13 th Dec2016
14	Research Opportunities	SITCOE	One week	1 st -6 th Dec2016
15	CMOS, Mixed signal and	HT	One week	30jan to 4 feb 2017



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.
(Electronics and Telecommunication Engg,Department)**

16	Advance signal, Image & Video Processing on FPGA	IEEE(Student chapter) DKTE	One week	26 to 30 June 2017
17	FDP101x Foundation Program in ICT for Education	AICTE,IITB	4 Week	Aug 3to 7sep2017
18	Pedagogy for online and blended teaching learning process by IITB. (FDP201x)	AICTE,IITB	4 Week	14 Sept. to 12 Oct.2017
19	Orientation program on outcome based education	SITCOE	One Week	30 Oct to 4 Nov 2017
20	Outcome Based Technical Education	SITCOE Yadrav	One week	21 st -26 th May2018
21	Architectural Design of Digital Integrated Circuits	NPTTEL Online Certification	8Week	Aug- Sept 2018
22	Python Programming in Machine Learning	SITCOE Yadrav	One Week	08-13 th Oct.2018
23	Hands on Experimentation on Deep Learning	ADCET Ashta (AICTE-ISTE Approved)	One Week	17- 22 nd June 2019
24	“Fundamentals of C Programming”	SITCOE Yadrav	One Week	25 th -30 th Nov.2019
25	Academic Research Processes	SITCOE Yadrav	Two days	4 th & 5 th Dec 2019
26	Hands-on practices on Balanced Robotics and Rapid prototyping using 3D printing	Dr. JJMCOE Jaysingpur AICTE Sponsored	One Week	24 th to 28 th December 2019
27	MATLAB based Teaching –Learning in Mathematics, Science & Engineering- RamraoAdik Institute of Technology, Nerul, Navi Mumbai	Online	One Week	18 th -22 nd May 2020



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

28	Artificial Intelligence- BVRITHyderabad	Online	One Week	22 nd May-26 th May
29	Design of Drones- Shreenidhi Institute of Science and Technology, Hyderabad	Online	4 Days	26 th May- 29 th May 2020
30	Next Generation Electronics and Computer Networks- Bheemanna Khandre Institute of Technology, Bhalki	IETE Online	One Week	2 nd – 6 th June 2020
31	Industry 4.0 , Data Analytics, Disruptive Technologies- Sanjay Bhokare Group of Institutes, Miraj	TEQIP-III Online	One Week	26 th May- 31 st May
32	R- Programming – Sree Vidyaniketan Engineering College , Tirupati	SPOKEN TUTORIAL PROJECT, IIT BOMBAY	One Week	25 th -29 th May 2020
33	Recent Trends in Electronics and Telecommunication Engineering- JB Institute of Engineering And Technology,	Online	One Week	26 th -2 nd May 2020
34	Machine Learning and Deep Learning Hands On Experiments Using Python- SITCOE, YDRAV	IETE Online	Two Week	1 st -9 th June 2020
35	"Digital Transformation & Pedagogies"	Government College of Engineering, Karad (Satara) MS & Walchand College of Engineering, Sangli, Sponsored by AICTE, New Delhi & TEQIP III	1 Week	August 10-14, 2020
36	Global Navigation Satellite System	IIRS, ISRO, Dehradun	2 Week	Sept 14-25, 2020



**Sharad Institute of Technology, College of Engineering,
Yadrav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

37	Understanding of Coastal ocean processes using Remote Sensing and Numerical Modelling	IIRS, ISRO, Dehradun	1 Week	Sept 21-25, 2020
38	Geographical Information System	IIRS, ISRO, Dehradun	1 Week	28 September - 15 October, 2020
39	Internet of Things (IoT)	Sri Sairam Engineering College, ATAL FDP	1 Week	30 th November- 4 th December 2020
40	Robotics	KCG College of Technology ATAL FDP	1 Week	8 th December- 12 December 2020
41	Accreditation and Outcome based learning	ONLINE NPTEL	8 weeks	July to Sept. 2021
42	Research Methodology and research publication and patent filling	SITCOE Yadrav	One week	20 th -24 th sept. 2021
43	Machine Learning Applications on Image Processing	Nagarjuna College of Engineering and Technology, ATAL FDP	1 Week	17 January-21 January 2022
44	Machine Learning	Dr. J. J. Magdum College of Engineering, Jaysingpur under AQIS	1 Week	24 th January - 29 th January 2022
45	Data Analytics with Python	ONLINE NPTEL	12 weeks	Jan- April 2022
46	Python Data Science and Machine Learning	SITCOE YADRAV	One week	19 th – 23 rd July 2022
47	Effective Research Paper and Proposal writing	SITCOE, YDRAV Approved by IEEE Bombay	1 Week	4 th January-8 th January 2023
48	Computer Vision and Image Processing – fundamentals and Applications	Online NPTEL	12 weeks	Jan – April 2023
49	Applied Deep Learning	BITs Pilani, KK Birla Goa Campus	1 Week	12 th June -16 th June 2023



**Sharad Institute of Technology, College of Engineering,
Yadrav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

Details of Webinar/Quizzes Attended-

Sr. No.	Title	(Online)	Date
1.	G2v and V2G Techniques in Electric Vehicles	IEEE Photonics Society Student Chapter, Mangalam college of Engineering, Kottayam, Kerala, India	16 th June 2020
2.	Design of Analog Layout & Opportunities and Challenges in Semiconductor Domain	KLE College of Engineering & Technology, Chikodi	1 st to 2 nd June 2020
3.	VLSI- Standard Cell Design	Raj Rajeshwari College of Engineering, Bengaluru	24 th May 2020



**Sharad Institute of Technology, College of Engineering,
Yadrav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

4.	National Level E-Quiz on 'BIOMEDICAL'	Bharatratna Indira Gandhi College of Engineering, Kegaon ,Solapur	13/06/2020
5.	Decoding of Artificial Intelligence	AGIMUS Technologies, RYMEC, Bellari	22/05/2020
6.	Crypto Currencies and Block Chain	Chalapathi Institute of Engineering and Technology, Lam, Guntur	19/05/2020
7.	Successful Steps towards High Quality Scientific Publications	Chalapathi Institute of Engineering and Technology, Mothadaka, Guntur	18 th May 2020
8.	Basics of Earth Testing	Megger	17 May 2020
9.	Knowledge Based Innovative MSME Schemes for Academic Institutions	IEEE Photonics Society Student Chapter, Mangalam college of Engineering , Kottayam, Kerala, India	16 th May 2020

Paper published in conferences/journals

Sr. No.	Name of the conference	Title of the paper	Name of sponsoring agency / institute	duration		Place
				from	to	
1	Conference on ComputerScience & Information Technology	Biometric Iris Recognition using wavelet maxima transform.		19 May 2012	19 May 2012	Bangalore
2	8 th international conferenceon Innovative Research in engineering Science and Management	CORDIC Based Trigonometric Computing using 'C' Language		18 th Dec16	18 th Dec 16	Delhi ISSN 2347 – 8616, DIIF Impact Factor Value 2.65,



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.**

(Electronics and Telecommunication Engg, Department)

3	2 nd International Conference on Recent Challenges I Engineering and Technology	MEMS Based Wheel chair for Physically Disabled Person		23 rd Feb 2017	24 th Feb 2017	SITCOE Yadav
---	--	---	--	---------------------------------	---------------------------------	--------------



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.
(Electronics and Telecommunication Engg, Department)**

4	National Conference on Recent Trends in Engineering & Technology	Secrete Systemfor Vehicle		24 th March 2018	24 th March 2018	SITCOE Yadrav
5	UGC journal IJESI	High speed algorithm for arithmetic operation in feature extraction in activity recognition		04.June 2018	04.June 2018	Vol-7, issue 5 e-ISSN: 2319 – 6734 p-ISSN: 2319 – 6726 IMPACT FACTOR 5.962
	JARDCS	Enhancement of RVM Using FPGA		12 Oct 2019		Vol 11, 2019, ISSN 1943-023X
6	International Research Journal of Engineering and Technology (IRJET)	IOT Based Advanced Greenhouse System				Volume: 07 Issue: 06 June 2020 e-ISSN: 2395-0056 p-ISSN: 2395-0072 Impact Factor : 7.529
7	IEEE 2022 International Conference on Edge Computing and Applications (ICECAA)	Adaptive Spotted Hyena Optimizer-enabled Deep QNN for Laryngeal Cancer Classification		13 October 2022	15 October 2022	Tamil Nadu
8	13 th INDIA-JAPAN SCIENCE AND TECHNOLOGY CONCLAVE: International Conference on Frontier Areas of Science and Technology (ICFAST-2023)	Laryngeal Cancer Detection		08 September 2023	09 September 2023	Shivaji University Kolhapur

(E) Professional Membership:

Sr.	Name of the	Membership no.	Type of membership	Name of membership	duration
-----	-------------	----------------	--------------------	--------------------	----------



**Sharad Institute of Technology, College of Engineering,
Yadav – Ichalkaranji.**

(Electronics and Telecommunication Engg, Department)

No.	membership		(annual / life)	body	from	to
1	ISTE	LM93427	Lifetime	----	---	----
2	IETE		Lifetime	-----	-----	-----

PAN Card no.BNRPM2531B

Adhar Card No 81794436330