



**Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)**



**(A) Personnel Data:**

<b>Title (Mr/Ms./Mrs./Dr./Prof.)</b>	Ms.
<b>Name</b>	Ms. Swati Shreepal Halunde
<b>Programme (UG/PG)</b>	UG
<b>Course / Department</b>	Electronics & Telecommunication
<b>Area of Specialization</b>	Communication
<b>Exact Designation</b>	Assistant Professor
<b>Address (Residential) (with PIN code)</b>	A/p- mirajwes, Ashta Tal Walwa Dist- Sangli pin no 416301
<b>E-mail ID</b>	, <a href="mailto:halundeswati@sitcoe.org.in">halundeswati@sitcoe.org.in</a> , halundeswati@gmail.com
<b>Mobile No.</b>	7620181744

**(B) Experience:**

<b>Teaching Experience (In Years)</b>	<b>Professional / Industrial Experience(In Years)</b>	<b>Research Experience (In Years)</b>
<b>10.5 years</b>	<b>0</b>	<b>2</b>

**(C) Academic Qualifications:**

<b>Exam Passed</b>	<b>Name of the institute</b>	<b>Name of the board/univer sity</b>	<b>Mode Regular/Dist ance</b>	<b>Year of passing</b>	<b>% of Marks Obtained or Grade</b>	<b>Class/Division/Gr ade/Merit etc. obtained</b>
SSC	New English School ashta	Kolhapur	Regular	2005	83.60%	Distinction
HSC	MGV,ASHTA	Kolhapur	Regular	2007	73.17%	1 <sup>st</sup> class
Degree (U.G.)	A.D.C.E.T., ASHTA B.E (E& TC)	Shivaji University	Regular	2011	68.38%	Distinction
P.G.	A.D.C.E.T., ASHTA M.E (E& TC)	Shivaji University	Regular	2013	67.94%	1 <sup>st</sup> class
Ph.D.	Shivaji	Shivaji	Regular	2019-20	Pursuing	-



**Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)**

	University	University				
--	------------	------------	--	--	--	--

**(D) Projects Guided at UG Level:**

Sr. No.	Name of the Project	Academic Year
1	Android Based Home Appliances control	2016-17
2	Car Ignition control by face recognition using SIFT Algorithm	2016-17
3	Parameter Monitoring & controlling using Zig-bee	2017-18
4	A methodology to secure ATM system using microcontroller	2018-19
5	IOT based labour work monitoring system	2019-20
6	MONITERING Home appliance using machine learning & deep learning	2019-20
7	Footsteps energy generation	2020-21
8	MONITERING greenhouse appliance using machine learning & deep learning	2020-21
9	Smart Reader for visually impaired people	2021-22
10	Fire detection using image processing	2021-22
11	PV based multi-port charging station	2022-23
12	Smart mirror using raspberry Pi	2022-23

**(E) Paper published in conferences/journals**

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue
1	IJERA journal	Compression & reconstruction of colour image using wavelet transform & SPIHT Algorithm	Vol.1, issue 6, April 2013
2	National Conference At, SBGI, Miraj	Intelligent Automatic Street Light System	Vol 4, Issue 3 March 2014
3	ICRCET-17	Android based embedded system for handicapped people	Vol1,FEB 2017
4	ICRCET-17	Car Ignition Control by Recognition using SIFT Algorithm	Vol1,FEB 2017
5	IRJET	Recent Application & Future Development Scope in MEMS	Volume 4, issue 2 feb 2017
6.	MAT Journals	A Methodology to Secure ATM SYSTEM USING Microcontroller	Volume 5 issue 2 year 2019
7	JARDCS	Brain Signal Processing : analysis Technologies & application	VOL 11,NO.12,2019



**Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)**

8	IJERA	IOT Based Smart Labour Work Monitoring System	2020 Impact factor 5.179
9	IJERA	Smart Reader for visually impaired people	2022

**(F) Conferences, seminars, symposia, training, workshop, STTP, FDP attended**

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

Sr. No	Name of the conferences/ seminars/symposia /STTP/FDP/workshop	Name of sponsoring agency	duration		Place	Academic Year
			from	to		
1	Subnetting & IP Routing	ADCET, Ashta	11 <sup>th</sup> march 2011	12 <sup>th</sup> march 2011	ADCET, Ashta	2011-12
2.	Image Processing & Computer Vision	Dr. J.J.M. Jaysingpur	3 <sup>rd</sup> Aug. 2012	3 <sup>th</sup> Aug. 2012	Dr. J.J.M. Jaysingpur	2012-13
3	High Speed Digital System Design	ADCET, Ashta	22 <sup>th</sup> march 2013	23 <sup>th</sup> march 2013	ADCET, Ashta	2012-13
4	Advances in wireless communication	ADCET, Ashta	24 <sup>th</sup> June 2013	28 <sup>th</sup> June 2013	ADCET, Ashta	2013-14
5	Network Simulator 2 for wired & wireless Network	SIT Poly, Yadav	17 <sup>th</sup> October 2013	19 <sup>th</sup> October 2013	SIT Poly, Yadav	2013-14
6	Recent Trends in PCB Designing	P.V.P.I.T. Budhagon	5 <sup>th</sup> Jan 2015	8 <sup>th</sup> Jan 2015	Budhagon	2014-15
7	Research Opportunities	SIT COE Yadav	1 <sup>st</sup> Dec,2016	6 <sup>th</sup> Dec,2016	SIT COE Yadav	2016-17
8	Advanced embedded technology	SIT COE Yadav	8 <sup>th</sup> Dec,2016	13 <sup>th</sup> Dec,2016	SIT COE Yadav	2016-17
9	CMOS ,Mixed Signal & Radio frequency VLSI Design	IIT, Kharagpur	30 <sup>th</sup> Jan 2017	4 <sup>th</sup> Feb 2017	SIT COE Yadav	2016-17
10	Foundation program in ICT For Education	IIT, Bombay	3 <sup>rd</sup> Aug ,2017	7 <sup>th</sup> Sep ,2017	SIT COE Yadav	2017-18
11	Python Programming in Machine Learning	SIT COE Yadav	8 <sup>th</sup> OCT 2018	13 <sup>th</sup> OCT 2018	SIT COE Yadav	2018-19
12	Hands –on Experimentation on Deep Learning	ADCET, Ashta	17 <sup>th</sup> June 2019	22 <sup>th</sup> June 2019	ADCET, Ashta	2019-20
13	Computer Programming in C	SIT COE Yadav	25 <sup>th</sup> Nov 2019	30 <sup>th</sup> Nov 2019	SIT COE Yadav	2019-20
14	Artificial Intelligence	BVRIT Hyderabad	22 <sup>th</sup> May 2020	26 <sup>th</sup> May 2020	BVRIT Hyderabad	2019-20



**Sharad Institute of Technology, College of Engineering,  
Yadrav - Ichalkaranji.  
(Department Name)**

15	Artificial Intelligence & Machine Learning	VEMU ,Chittoor	25 <sup>th</sup> May 2020	29 <sup>th</sup> May 2020	VEMU ,Chittoor	2019-20
16	Scilab	IIT Bombay	23 <sup>th</sup> May 2020	5 <sup>th</sup> June2020	ADCET ASHTA	2019-20
17	Technological Advances in power Switching Converters for Renewable Energy Sources & Fuel Cell Technology for E-Vehicles	Depart Of Electrical & Electronics Engineering Bapatla Engineering College, Bapatla	1 <sup>th</sup> June2020	5 <sup>th</sup> June2020	Depart Of Electrical & Electronics Engineering Bapatla Engineering College, Bapatla	2019-20
18	AI SOLUTIONS TO POWER SYSTEM PROBLEMS	St. PETET'S Engineering college ,Maisamma guda	2 <sup>th</sup> June2020	6 <sup>th</sup> June2020	St. PETET'S Engineering college ,Maisamma guda	2019-20
19	Advances and Research Opportunities in E & TC Engineering	Shri Vithal Education & Research Institute College of engineering pandharpur	10 <sup>th</sup> June2020	14 <sup>th</sup> June2020	Shri Vithal Education & Research Institute College of engineering pandharpur	2019-20
20	OBE E-QUIZ	GSSS IET FOR Women , Mysuru	2/6/2020	-	St. PETET'S Engineering college ,Maisamma guda	2019-20
21	NBA Awareness Quiz	Bharati Vidyapeeth's college of engineering	3/6/2020	-	Bharati Vidyapeeth's college of	2019-20



**Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)**

		pune			engineerin g pune	
22	Biomedical Quiz	Bharatratna Indira Gandhi college of engineering kegaon, Solapur	11/6/2020	-	Bharatratn a Indira Gandhi college of engineerin g kegaon, Solapur	2019-20
23	Webinar on “5G Technology & its Applicatios	RV College of Engineering ,Bengaluru, Karnataka with collaboratio n with EduXtech Global educational Technology Services	8/6/2020	-	RV College of Engineeri ng ,Bengalur u, Karnataka with collaborati on with EduXtech Global educationa l Technolog y Services	2019-20
24	Webinar on” SPACE ASTRONOMY”	Dept of mech.engine ering fiancis Xavier Engi. College Tirunelveli	30.6.2020	-	Dept of mech.engi neering fiancis Xavier Engi. College Tirunelvel i	2019-20
25	Webinar on “ EMPLOYMENT TRENDS POST COVID 19”	R.M.D. COLLEGE ,Tamilnadu	28.6.2020		R.M.D. COLLEG E ,Tamilnad u	2019-20
26	Webinar on “An Insight in to Piping Construction in Petrochemical Industry ”	FRANCIS XAVIER ENGINEER	29.6.2020		FRANCIS XAVIER ENGINEE	2019-20



**Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)**

		ING COLLEGE ,Tirunelveli			RING COLLEGE	
27	Webinar on “Acting the Professional Interaction in a virtual World ”	V-REACH’20 Mumbai	29.6.20		V-REACH’20 Mumbai	2019-20
28	Webinar on “Entrepreneurial Opportunities through Machine Learning & Big Data Analysis ”	FRANCIS XAVIER ENGINEERING COLLEGE ,Tirunelveli	29.6.20		FRANCIS XAVIER ENGINEERING COLLEGE ,Tirunelveli	2019-20
29	Webinar on “Dis –Aggregation of SW & HW in Networking - Trends”	BMS COLLEGE ,Bengaluru	6.7.20		BMS COLLEGE ,Bengaluru	2019-20
30	Webinar on “Trending Perspectives of AI in Robotics ”	St. Joseph’s college ,chennai	9.7.20		St. Joseph’s college ,chennai	2019-20
31	Swayam NPTEL Course “Academic Writing”	Swayam	16 week		swayam	March 2021
32	FDP on “research methodology ,research publications and petent filing”	Ieee bomby	1 week		sitcoe	20/9/21 to 24/9/21
33	Nptel course on “Accreditation and outcome based Learning “	NPTEL	12 week		IIT Madras	Jul-sept 2021
34	Completed online certification course on “Understanding of Coastral ocean processes using remote sensing and numerical modelling”	ISRO	5 DAYS		ISRO	21/09//20 TO 25/09/20 20
35	Completed online certification course on “Global Navigation satellite system”	ISRO	12 DAYS		ISRO	14/09//20 TO 25/09/20 20
36	Nptel course on “Patent Law for Engineering and Scientists “	NPTEL	16 week		IIT Madras	Jan-Apr2022



Sharad Institute of Technology, College of Engineering,  
Yadav - Ichalkaranji.  
(Department Name)

---

37	FDP on “Python data science and Machine Learning”	ISTE	1 WEEK		SITCOE	19/7/22- 23/7/22
38	FDP ON “ Smart Tools and Methodologies for Academic Research”	IETE	1 WEEK		SITCOE	25/12/22- 29/12/22
39	FDP on “Internet of things”	IETE	1Week		SITCOE	27/9/22 - 2/10/22
40	NPTEL Course on “JOY OF COMPUTING USING PYTHON”	NPTEL	16 WEEK		IIT Madras	Jun- April 2022

**Industrial Training:-**

1. Industrial Training at “ Trison Systems from 1 Dec.2009- 31 Dec.2009
2. Industrial Training at “S.N.R. Electronics from 10 Dec.2010- 24 Dec.2010
- 3.

**Personal Details:**

**PAN No:-AEDPH2016L**

**Aadhaar Card No:-263110363750**

**Election commission of India identity card no: XTX2263895**