CURRICULUM VITAE

(A) Personnel Data:

Title (Mr/Ms./Mrs./Dr./Prof.)	Dr.
Name	Sharda Y.Salunkhe
Programme (UG/PG)	UG
Course / Department	Electronics Computer
Area of Specialization	Image Processing,
Exact Designation	Associate Professor
Address (Residential) (with P.I.N. code)	1327,near Datta mandir ,Patel chowk , sangli
E-mail ID	shardasalunkhe@gmail.com
Mobile No.	9975955219

(B) Project Under Taken:

Sr. No.	Name of the Project	Academic Year
1	Evaporator leakage detection controlling and monitoring	2010-11
2	Security-based system using random password generation	2011-12
3	Automation for state electric company	2013-14
4	Smart automation in Textile for fault detection and salary calculation	2013-14
5	Home Based Health Monitoring system using android Smartphone	2014-15
6	Patient monitoring system with GSM	2014-15
7	The PLC-based Boiler Sequence controller	2014-15
8	Automatic Dripping System	2015-16
9	Accidental fall detection and safety jacket	2018-19
10	Agriculture Diet	2019-20
11	Multipurpose Robot	2019-20
12	knock Controlled Automatic Smart Device	2020-21
13	Accident and Theft Detection System and Reporting Using G.P.S. and GSM	2020-21

14	Primary Water Source Detection	**2020-21**
15	Blood Group Detection Machine	**2021-22**
16	Gesture Control Robot using A.R.M.	**2021-22**
17	Cold storage system using IOT	**2022-23**
18	Underground Surveillance system	**2023-24**
19	IOT based Car Seurity System	**2023-24**
20	Licennse plate rechorition with tole collection	**2024-25**
21	Driver monitoring system	**2024-25**
22	Under Ground water Leakage Monitoring and Controlling with A smart City	**2025-26**
23	IOT based portable smart ventilator with Health monitoring system	**2025-26**

(C) Academic Qualifications:

Exam Passed	Name of the institute	Name of the board/university	Mode Regular/Distance	Year of passing	Class/Division/Grade/Merit etc. obtained
SSC	RSKS School	Kolhapur	Regular	2002	1st class
Diploma In Industrial Electronics	W.C.E., Sangli	M.S.B.T.E	Regular	2005	1st class
Degree (U.G.)	P.V.P.I.T B.E (Eln)	Shivaji University	Regular	2008	Distinction
P.G.	M.E (E & T.C.) K.I.T., Kolhapur	Shivaji University	Regular	2013	1st class
Ph.D.	Electronics Engg	Shivaji University	Regular	2025	Awarded
Others	-	-	-	-	-

(D) Experience:

Teaching Experience (In Years)	Professional / Industrial Experience(In Years)	Research Experience (In Years)
16 years	**0**	**0**

Experience Details:
- Worked as a Lecturer at Padmabhooshan Vasantdada Patil Institute of Technology, Budhgaon, from July 2009 to April 2012

- Worked as an Assistant Professor in Sharad Institute of Technology College of Engineering Yadrav, from July 2012 to till date.

(E) Conferences, seminars, symposia, Training, workshop, S.T.T.P., F.D.P. attended
(i) Conferences, seminars, symposia, Training, workshop, S.T.T.P., F.D.P. attended:

Sr. No.	Name of the conferences/ seminars/symposia /STTP/FDP/Workshop	Name of sponsoring agency	duration		Place	Academic Year
			from	to		
1	Training Program for Teaching faculty organized by E & T.C. Dept	P.V.P.I.T. Budhgaon	18th February 2012	18th February 2012	P.V.P.I.T. Budhgaon	2011-12
2	State level Workshop on ''Empowerment of Women in Science & Technology" organized by Dept of General Engineering.	P.V.P.I.T. Budhgaon	31st March 2012	31st March 2012	P.V.P.I.T. Budhgaon	2011-12
3	Better Enhancement of soft skills & Techniques for Engineering faculty sponsored by ISTE	SIT COE Yadrav	17th December 2012	27th December 2012	SIT COE Yadrav	2012-13
4	National Level Workshop on "Network Simulator2 for wired & Wireless Network organized by E & T.C. Dept.	S.I.T. Poly, Yadrav	17th October 2013	19th October 2013	S.I.T. Poly, Yadrav	2012-13
5	43rd I.S.T.E. National Annual Convention on" Empowering Technical Education to address sustainability and global competitiveness."	T.K.I.T.	19th December 2013	21st December 2013	I.S.T.E.	2012-13
6	ISTE-SRM Short Term Training	SIT COE Yadrav	12th May	16th May	SIT COE	2013-14

			2014	2014	Yadrav	
	Programme on "Advanced Trends in Video Engineering" organized by E & T.C. Dept sponsored by Indian Society for Technical Education, New Delhi and S.R.M. University, Chennai					
8	I.S.T.E. Workshop on "Control Systems" conducted by Indian Institute of Technology Kharagpur.	Indian Institute of Technology Kharagpur.	02nd December, 2014	12th December, 2014	SIT COE Yadrav	2013-14
9	'Final Year Syllabus" Formation of B.E. (E & T.C.)at Dept of E & T.C.	AMGOI Vathar Tarf Vadgaon.	09th February 2015	09th February 2015	AMGOI Vathar Tarf Vadgaon.	2014-15
10	ISTE STTP on "Introduction to Design of Algorithms	by Indian Institute of Technology Kharagpur.	25th May,2015	30th May,2015	SIT COE Yadrav	2014-15
11	"Advanced Trends in Research Methodology "sponsored by ISTE	SIT COE Yadrav	15th June 2015	26th June 2015	SIT COE Yadrav	2015-16
12	"Advanced trends in P.L.C. "	SIT COE Yadrav	30th November 2015	04th December 2015	SIT COE Yadrav	2015-16
13	G.U.I. Design and Arduino interfacing in MATLAB	SGI college	17th December 2015	18th December 2015	S.G.I. college	2015-16
14	One week faculty development programme on "pedagogy to synergy."	SIT COE Yadrav	7th May 2016	11th May 2016	SIT COE Yadrav	2015-16
15	One week school to enterprise tie-up	SIT COE Yadrav	26th May 2016	30th May 2016	SIT COE Yadrav	2015-16

	(S.E.T.U.) workshop organized by the I.I.P.C. cell of SITCOE					
16	Faculty development program on "Recent Trends in the internet of things."	SIT COE Yadrav	6th june 2016	11th june 2016	SIT COE Yadrav	2015-16
17	One-week faculty training program on "research opportunities" under the lead college	SIT COE Yadrav	01st December 2016	06th December 2016	SIT COE Yadrav	2016-17
18	Faculty development program on "Advanced Embedded Technology."	SIT COE Yadrav	08th December 2016	13th December 2016	SIT COE Yadrav	2016-17
19	Orientation Program on outcome-based Education	SIT COE Yadrav	30th October 2017	4th nov2017	SIT COE Yadrav	2016-17
20	"python programming in machine learning	SIT COE Yadrav and Aedifico tech Pvt ltd	08th October 2018	13th October 2018	SIT COE Yadrav	2018-19
21	FDP101X foundation Program in I.C.T. for I.C.T. for Education	IIT BOMBAY	13th September 2018	18th October 2018	SIT COE Yadrav	2018-19
22	FDP201x Pedagogy for Online and Blended Teaching-Learning Process	IIT BOMBAY	30th October 2018	13th December 2018	SIT COE Yadrav	2018-19
23	Emerging Trends in Industry 4.0	Sponsored by A.C.M.	18th May 2020	29th May 2020	Online	2019-20
24	INNOVATIVE TRENDS IN ENGINEERING AND TECHNOLOGY	Shree. L. R. Tiwari College of Engineering	25th May 2020	29th May, 2020	Online	2019-20

25	Overcoming the challenges in online technology in teaching and learning	Jhulelul Institute of technology Nagpur university	6th May 2020	11th May 2020	Online	2019-20
26	Recent trends in electronics and communication	J.B. institute engineering and Technology	26th April to	2nd May 2020	Online	2019-20
27	"Research, Funding Projects & I.P.R."	K. C. College of Engineering and Management Studies and Research, Thane (E)	7th May 2020	10th May, 2020.	Online	2019-20
28	Usages of technology in covid-19	Terna college of engineering neral, Navi Mumbai	28th May 2020	2nd June 2020	Online	2019-20
29	Artificial intelligence	Vignan's institute of engineering for women	22nd May 2020	26th May 2020	Online	2019-20
30	Scilab	A.D.C.E.T. college, Spoken tutorial	23rd may 2020	5th june 2020	Online	2019-20
31	Artificial intelligence	BVRT hydrabad college	22nd may 2020	to 26th may 2020	Online	2019-20
32	"M.A.T.L.A.B. based Teaching-Learning in Mathematics, Science & Engineering".	Department of Electronics Engineering, Ramrao Adik Institute of Technology, Nerul, Navi Mumbai in collaboration with DesignTech Systems Pvt. Ltd., Mumbai	18th may 2020	22nd May 2020.	Online	2019-20
33	Virtual Classroom	Kaizen futuertech	27-May 2020	30-May 2020	Online	2019-20
34	Arduino Programming	Kaizen futuertech	15th may 2020 to	20th may 2020	Online	2019-20
35	A.R.M. Cortex M4 F Based on Tiva Launchpad	Under Texas Instruments India University Program in association with EdGate Technologies Pvt Ltd Bangalore.	04th May 2020	06th May 2020	Online	2019-20

36	One Day Workshop on C and C++	Teaching Learning Centre (I.C.T.) at I.I.T. Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT), M.H.R.D., Govt. of India	29th February 2020	-	S.I.T.C.O.E.	2019-20
37	Information Theory and coding	Udemy	21/04/2020	-	Online	2019-20
38	M.A.T.L.A.B. Onramp	Mathwork.com	21/05/2020	-	Online	2019-20
39	Crypto currency and block chain	Chalapati institute of engineering	19/05/2020	-	Online	2019-20
40	"I.T. and I.P.R. 2020"	Organized by I.Q.A.C., Shree. L. R. Tiwari College of Engineering	05th May 2020	08th May, 2020.	Online	2019-20
41	Outcome based education software	Vmedulife software services	04/06/2020		Online	2019-20
42	World IRR Property rights day quiz -2020	School of life science,B.S.Abdue Rehmann crescent institute of Science and technology	26/04/2020	-	Online	2019-20
43	Intellectual Property Right (Basics and its types) Online Quiz	Shree L R Tiwari College of Engineering,	07/05/2020	-	Online	2019-20
44	"Faculty Awareness Program on National Assessment and Accreditation Council (N.A.A.C.)"	Department of Computer Engineering, J.S.P.M.'s Rajarshi Shahu College of Engineering, Tathawade, Pune - 411033,	06th May 2020.	-	Online	2019-20
45	nCOVID-19 awareness and prevention Program	Vidyabharti college ,Wardha	26/04/2020	-	Online	2019-20
46	Outcome based education paradigm among teachers	S.L.Tiwari college of engg ,Thane	11/05/2020	-	Online	2019-20

47	Research Opportunities Through MATLAB	VNR Vignana Joythi Institute of Engineering & Technology	25th November 2020	28th November 2020	Online	2020-21
48	Engineering Pedagogy in Post Covid-19 Paradigm	W.C.E.,Sangli	19th October 2020	20th October 2020	online	2020-21
49	Online F.D.P. on "Artificial Intelligence"(A.T.A.L.)	Manipal Institute of tech, Manipal area Higher manipal	07th December 2020`	11th December 20202	Online	2020-21
50	Machine Learning & Its Applications	SIT COE,Yadrav Ichalkaranji	16th March	20th March 2021	Online	2020-21
51	Role of IEEE in Engineering Education	Participated in IEEE Online Training	21st May-2021.	-	Online	2020-21
	NPTEL-Accreditation and Outcome Based Learning	by N.P.T.E.L.	July 2021	Sept 2021(8 week)	Online	2020-21
52	Online Elementary F.D.P. on "Artificial Intelligence in Image Processing(A.T.A.L.)	Indian Institute of Information Technology, Nagpur.	20/12/2021 to	24/12/2021	Online	2021-22
53	Online Elementary F.D.P. on "Applications of Remote Sensing and G.I.S. (A.T.A.L.)	Deenbandhu Chhotu Ram University of Science & Technology, Murthal.	27/12/2021 to	31/12/2021	Online	2021-22
54	Research Methodology, Research Publication and Patent Filing	SIT COE,Yadrav Ichalkaranji	20th September –	24th September 2021	Online	2021-22
55	Simulation Tools for Research	SIT COE,Yadrav Ichalkaranji	08-02-2022	14-02-2022	Online	2021-22
56	Introduction to Machine Learning	Sinhgad Institute of Technology,Lonavala Department of Information Technology Hosted by I.T. Business	8th to	22nd April 2022	Online	2021-22

		Club				
57	N.B.A. Accreditation and Teaching and learning in Engineering (N.A.T.E.) (Jan-Apr 2022)	N.P.T.E.L.	Jan-2022	Apr 2022	online	2021-22
58	F.D.P. on "Python, Data Science and Machine Learning	S.I.T.C.O.E.	19th July 2022 to	23rd July 2022	Offline	2022-23
59	One week FDP " Effective Research Pepr and Proposal writing"	S.I.T.C.O.E.	4th January 2023	8th January 2023	Offline	2022-23
60	One week short training Course on Computational Intelligence Technologies and Application(CITA-2023)	NIT,Kurushetra	3rd june 2023	8th june 2023	Offline	2022-23
61	one week FDP on IPR,Patents & Research Writing	SITCOE	16 dec 2022	20 dec 2022	offline	2022-23
62	One week FDP on Advanced Data visualization with Microsoft Power BI	SITCOE	19th December 2023	23th December 2023	offline	2023-24
63	One week FDP on Emerging Trends in Electronics & Telecommunication Engineering	SBGI,Miraj	8th Jaury 2024	13th January 2024	online	2023-24
64	One week FDP on "Hands on Machine Learning Using Python"	Sharad Institute of Technology College of Engineering Ichalkaranji (Under ISTE)	21th Dec (1 week)	29th Dec 2023.	ISTE	2023-24
66	Next-Gen AI: Innovations in Machine Learning,	St. Joseph's college of engineering & Technology, palai	13/01/2025	18/01/2025	Online	2024-25

	Deep Learning, and Generative Models					
67	Ideas to Innovation: A Patent Landscape Approach to Science and Technology Correlations(ATAL)	Nagesh karajagi orchid college of Engineering and technology, solapur.	22/01/2025	28/01/2025.	Online	2024-25
68	Faculty Development Programe on "Digital Image Processing"	NPTEL	July 2025	October 2023	Online	2025-26
69	One week Faculty Development on "Next Gen AI Tools"	SITCOE	19th Jan 2026	23rd Jan 20036	SITCOE	2025-26

(F) ii: - Invited talks/Expert Lectures delivered:-

1. Delivered expert lectures on "D.S.P. filter design "on 1st oct 2018 at P.V.P.I.T. budhgaon
2. Delivered expert lectures on " Recent trends in digital communication" on 12th November 2015 at Datta polytechnic

Iii: - Industrial Training:-

1. One day industrial training at "Ratanath industry on 29th November 2018
2. One day industrial training at "Ratanath industry on 15th December 2017
3. One day industrial training at "Dukwen industry on 15th February 22
4. One day industrial training at "Anshuman tech Pvt. Ltd on 05th April 2023
5. One day industrial training at "Digitsat Skill India Pvt. Ltd on 2nd sepmtember 2025

(G) Paper published in conferences/journals
(i) Paper published in Journals:

Sr. No.	Name of the journal	Title of the paper	Vol. & Issue
1	I.I.J.E.R.A. journal	Mp3 Music File Protection Using Digital rights Management & Symmetric ciphering	Vol.3, issue 2, March-April 2013
2	IFRSA, INRSA international journal,	DRM Architecture to Distribute and protect Multimedia Content	Vol 4, Issue 3
3	I.J.R.A.R.	Emerging Steps in Mobile Network 5G to 7G: Review	Vol 6, Issue 2, 2019

4	J.A.R.D.C.S.	Enhancement of R.V.M. Using FPGA	Vol 11, 2019
5	I.J.R.T.E.	Detection and Labeling of Vertebrae using Deep Learning	ISSN: 2277-3878, Volume-9 Issue-1, May 2020
6	I.J.E.T.C.S.	Advanced authenticated multipurpose robot	Volume-5 Issue-2, May 2020
7	I.J.E.T.C.S.	Agriculture Diet	Volume 5 Issue 2 June-2020
8	M.A.T.	Knock Controlled Automatic Smart Device	Volume 6 Issue 2 Year 2021
9	IEEE	Prediction of Alzheimer's disease using Machine Learning Algorithm(ECTI IEEE Conference)	Publication Year: 2022,Page(s):400 – 405
10	Journal of Artificial Intelligence, Machine Learning and Neural Network (JAIMLNN)	Survey of different techniques to detect alzheimer's disease	Publication Year 2022-Aug-Sept 2022,vol 2.no.05
11	Eur. Chem. Bull. 2023, 12(Special Issue 5), 3219 – 3227	Performance Study of machine learning algorithms Used for Alzheimer's Disease Detection	Publication Year 2023
12	40th GISFI at KIT Conference	A Novel Feature Selection Method for Alzheimer's disease Detection Using Genetic Algorithm	Publication Year 2023
13	International Conference on Frontier Areas of Science and Technology (ICFAST-2023)	Detection of Alzheimer's Disease Using Genetic Algorithm	Publication Year 2023
14	International Research Journal of Modernization in Engineering Technology and Science	IOT based Car Security System	Vol 04,Issue-11 Nov 2023
15	International Journal on Recent and	Enhancing Alzheimer's Detection Using a Multi-Modal Approach Hybrid Fe from MRI Images	ISSN 2321-8169 Volume: 11 Issue: 9

	Innovation Trends in Computing and Communication			30 September 2023
16	Network: Computation in Neural Systems	ZF-QDCNN: ZFNet and quantum dilated convolutional neural network based Alzheimer's disease detection using MRI images		https://doi.org/10.1080/0954898X.2025.2452288 Published online: 11 Feb 2025.

(H) Patent Details

Sr. No.	Name of the Patent	National / International	Published	Granted	Application No.	Date of Publication
1	Reinforcement Learning -Guided Quantum Inspired Framework For Feature Selection and Hyperparameter Optimization	National	Published	-	202521103093	14/11/2025
2	Monitoring milk quality using mobile app (image processing technology).	National	Publishe	-	202121006118 A	26/02/2021

(I) Book Chapter

Sr. No	Title of Book / Book Chapter	Name of Publisher	Date of publications	ISBN No	Title of Book / Book Chapter	Name of Publisher
1	Anomaly Detection and Downtime Prediction in Server Logs Using Hybrid Machine Learning	IGI Global	January, 2026	9798337348988, DOI: 10.4018/979-8-3373-4898-8	Anomaly Detection and Downtime Prediction in Server Logs Using Hybrid Machine Learning	IGI Global

(J) Administrative work:

1. Working as "**Head of Basic Science and Humanities Department**" at Sharad Institute of Technology College of Engineering, Yadrav.

2. Working as College "**Deputy NBA Coordinator"** at Sharad Institute of Technology College of Engineering, Yadrav.
3. Working as **"Chairmen, Board of Studies"** of Basic Science and Humanities Department at Sharad Institute of Technology College of Engineering, Yadrav.
4.Worked as **"Technical Event Head"** at Sharad Institute of Technology College of Engineering, Yadrav (An Autonomous Institute), Dist. Kolhapur
5. Worked as **"Programme Coordinator"** of Department of Electronics and computer Engineering at Sharad Institute of Technology College of Engineering, Yadrav (An Autonomous Institute), Dist. Kolhapur
5.Working as **"Member in Internal Compliance Committee (ICC)"** at Sharad Institute of Technology College of Engineering, Yadrav
3. Working as **"Chairmen for DAAB committee"** in the Basic Science and Humanities Department at Sharad Institute of Technology College of Engineering Yadrav.
5. Working as **"Member of Academic Council"** at Sharad Institute of Technology College of Engineering Yadrav.
6. Worked as Visit Co-Ordinator, Exam Coordinator, event Coordinator, in different College level Committees
7.Worked as Event Coordinator Cultural and Sports Committees

(K) Professional Membership:

Sr. No.	Name of the membership	Membership no.	Type of membership (annual / life)	Name of membership body	duration	
					from	to
1	ISTE	LM84751	Life time	Member	2012	Onwards
2	IEI	M-1821878	Life time	Member	2024	Onwards