

## Resume



### Personal Data:

Title (Mr/Ms./Mrs./Dr./Prof.)	Ms.
Name	Priya Dilip Ghate
Program (UG/PG)	UG
Course / Department	Electronics and Telecommunication
Area of Specialization	Communication
Exact Designation	Assistant Professor and Dean Faculty Development
Address (Residential) (with PIN code)	'Arpan' apartment behind hotel Shivechha opposite market yard Sangli.416416
E-mail ID	priyadghate@gmail.com
Mobile No.	8485874858

### • Project Under Taken:

Sr. No.	Name of the Project	Academic Year
1	Acoustic Blind Library.	2014-15
2	Multitasking Home Security System	2014-15
3	IVRS based calling system	2014-15
4	Transformer coiling system	2013-14
5	Material handling using pneumatic pressure and conveyor belt control by using PLC	2013-14
6	Smart Bus System	2015-16
7	GSM based garbage waste management system	2015-16
8	Fracture Recovery System by stacking the assembly automatically	2018-19
9	IOT Based Cloth Process Control System	2019-20
10	Water Leakage Detection & Monitoring System using IOT	2019-20
11	Smart Wheel Chair	2020-21
12	Mistery Mirror	2020-21
13	Water quality monitoring system	2021-22

14	Automatic solar powered grass cutter	2021-22
15	Automatic path finding robot	2022-23
16	An approach to design a pupillometer for early detection of diabetes using Raspberry-Pi	2022-23
17	Smart Intelligent vehicle accident message system for emergency medical assistance	2022-23
18	Soldier Health monitoring and position tracking system	2022-23
19	Maximum power point presentation using ML/IOT	2022-23
20	Foot Temperature sensing system	2023-24
21	AI Powered smart traffic light system for emergency vehicles	2024-25
22	Pavement to Power Solar Roads Wireless Solution for Constant EV Charging	2024-25

• **Academic Qualifications:**

Exam Passed	Name of the institute	Name of the board/university	Mode Regular/Dis tance	Year of passing	% of Marks Obtained or Grade	Class/Division/Gr ade/Merit etc. obtained
Diploma	PVPIT Budhgaon	Shivaji University Kolhapur	Regular	2006	70.52%	Distinction
Degree (U.G.)	PVPIT Budhgaon	Shivaji University Kolhapur	Regular	2009	68.19%	Distinction
P.G.	RIT Sakharale	Shivaji University Kolhapur	Regular	2012	71.22%	Distinction
Ph.D.	MIT,Pune	World Peace University,Pune	Part time	2021	CGPA:9.50	persuing
Others	-	-	-	-	-	-

• **Experience:**

Teaching Experience (In Years)	Professional / Industrial Experience(In Years)	Research Experience (In Years)
15 Years	-	-

**Experience Details:**

- Worked as a Lecturer in Lathe Polytechnic, Kupwad from May 2010 to April 2011.
- Worked as a Lecturer in Padmabhooshan Vasanttrao dada Patil Institute of Technology, Budhgaon from July 2011 to April 2012.

- Working as an Assistant Professor and **Academic Coordinator** in Sharad Institute of Technology college of Engineering Yadrav, from 6<sup>th</sup> October 2017 to 6<sup>th</sup> June 2019.
- Working as an Assistant Professor and **Program Coordinator** in Sharad Institute of Technology college of Engineering Yadrav, from 7<sup>th</sup> June 2019 to 24<sup>th</sup> March 2021.
- Working as an Assistant Professor and **Dean Faculty Development** in Sharad Institute of Technology college of Engineering Yadrav, from 29<sup>th</sup> April 2021 to till date.
- Nominated as **Member of Local Committee** from 18<sup>th</sup> August 2018 to till date.
- Worked as a Judge for Poster Presentation in Computer Science Engineering Department SIT COE Yadrav on 15<sup>th</sup> October 2020.
- Worked as a Judge in National Level Project Competition(TECHNOKRAT 2021) in SIT Polytechnic Yadrav on 5<sup>th</sup> June 2021.
- Worked as a judge in Nurse's Week Celebration in Sharad College of Nursing Yadrav, Ichalakaranji.
- Worked as NSS coordinator in SIT COE Yadrav.
- Working as PG Coordinator in Sharad Institute of Technology college of Engineering Yadrav, from June 2021 to till date.
- Worked as paper Setter for Third Year End Semester Examination
- Working in Institute Exam Lapses Committee from AY 2021-22.
- Arranged Non Teaching Faculty Development Program arranged on "Trouble shooting and Maintenance" on 8<sup>th</sup> Sept 2021 to 13<sup>th</sup> Sept 2021.
- Arranged One Week Online Faculty Development Program on "Simulation Tools for Research" approved by ISTE New Delhi On 7<sup>th</sup> February to 12<sup>th</sup> February 2022.
- Visited "ISRO" Bangalore on 11<sup>th</sup> May to 15<sup>th</sup> May 2022
- Worked as IEEE department coordinator, and two groups got prize for Short video contest based on Women Personality of their region on the theme that "SHE: Share Her Experience" organized by IEEE Women in Engineering Affinity group,Bombay Section on 20<sup>th</sup> July 2022.
- Worked as a E-yantra Innovation Lab Coordinator.
- Arranged One Week Faculty Development Programme on "Python, Data Science and Machine Learning" approved by ISTE New Delhi on 19<sup>th</sup> July 2022 to 23<sup>rd</sup> July 2022.
- Workshop Arranged for 800 girls student in SIT COE and in association with Bhartiya Jain Sanghatana from 17<sup>th</sup> August to 18<sup>th</sup> August 2022.
- Workshop Arranged for 450 girls student in SIT COE and in association with Bhartiya Jain Sanghatana from 2<sup>nd</sup> August to 5<sup>th</sup> August 2023.
- Worked as Department NBA Corordinaor.
- Working as Head of NBA Crirerion 8
- Working as NAAC Cr 6 in department
- Working as President of Women Empowerment Cell in Institute.

- **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
			from	to	
1	Training Programme for Teaching Faculty	Electronics and Telecommunicati on Dept. PVPIT, Budhagaon Sangli India – 416 416.	18 <sup>th</sup> Feb2012	18 <sup>th</sup> Feb2012	PVPIT, Budhagaon
2	Impowerment of Women in Science & Technology	General Engg. Dept. PVPIT, Budhagaon Sangli India – 416 416	31 <sup>st</sup> March2012	31 <sup>st</sup> March2012	PVPIT, Budhagaon
3	Solar concentrating collector	SIT COE Yadrav,Ichalkara nji.	22 <sup>nd</sup> to March 2013	23 <sup>rd</sup> March 2013	SIT COE Yadrav
4	Better enhancement of soft skills and Techniques for teaching faculty.	SIT COE Yadrav,Ichalkara nji.	17 <sup>th</sup> to December 2012	27 <sup>th</sup> December 2012	SIT COE Yadrav
5	Workshop on “Solar Concentrating Collector”	SIT COE Yadrav,Ichalkara nji.	22 <sup>nd</sup> to March 2013	23 <sup>rd</sup> March 2013	SIT COE Yadrav
6	National Level Workshop on “Network Simulator2 for wired & Wireless Network organized by E & TC Dept.	SITP Yadrav	17 <sup>th</sup> to October 2013	19 <sup>th</sup> October 2013	SITP Yadrav
7	University Level Technical Event Master Presenter 2K12 organised by E & Tc dept	SIT COE Yadrav	14 <sup>th</sup> Sept 2012	14 <sup>th</sup> Sept 2012	SIT COE Yadrav
8	Natinoal Level Event Master Presenter 2K13 organised by E & TC Dept.	SIT COE Yadrav	30 <sup>th</sup> Sept 2013	30 <sup>th</sup> Sept 2013	SIT COE Yadrav

9	ISTE-SRM Short Term Training Programme on “Advanced Trends in Video 10Engineering”organized by E & TC Dept sponsored by Indian society for Technical Education,New Delhi and SRM University,Chennai	SIT COE Yadrav	12 <sup>th</sup> to May,2014	16 <sup>th</sup> May,2014	SIT COE Yadrav
10	“Measurement Techniques in RF Agilent Technologies”organized by E & TC Dept.in collaboration with Procom Enterprises and Technofield solutions	Bharti Vidyapeth’s COE,Kolhapur	16 <sup>th</sup> July 2014	16 <sup>th</sup> July 2014	Bharti Vidyapeth’s COE,Kolhapur
11	ISTE Workshop on “Control Systems” conducted by Indian Institute of Technology Kharagpur.	SIT COE Yadrav	2 <sup>nd</sup> to December, 2014	12 <sup>th</sup> December, 2014	SIT COE Yadrav
12	‘Final Year Syllabus’ Formation of BE(E & TC)at Dept of E & TC	AMGOI Vathar Tarf Vadgaon.	9 <sup>th</sup> February 2015	9 <sup>th</sup> February 2015	AMGOI Vathar Tarf Vadgaon
13	ISTE STTP on “Introduction to Design of Algorithms conducted by Indian Institute of Technology Kharagpur.  It was held under the National Mission on Education through ICT(MHRD)	SIT COE Yadrav	25 <sup>th</sup> to May,2015	30 <sup>th</sup> May,2015	SIT COE Yadrav
14	“Advanced Trends in Research Methodology” sponsored by ISTE	SIT COE Yadrav	15 <sup>th</sup> to June 2015	26 <sup>th</sup> June 2015	SIT COE Yadrav
15	“Advanced trends in PLC “	SIT COE Yadrav	30 <sup>th</sup> Nov to 2015	4 <sup>th</sup> Dec 2015	SIT COE Yadrav
16	Faculty Development workshop on”GUI Design		17 <sup>th</sup> to December,	18 <sup>th</sup> December,	SIT COE Yadrav

	and ARDUINO Interfacing in MATLAB organized by E & TC Dept under SUK-LEAD college activity	SGI,Atigre	2015		
17	Pedagogy to Synergogy(FDP)	SITCOE,Yadrav	31st December 2015 to	4Th January 2016	SITCOE,Yadrav
18	Recent Trends in Internet of things	SITCOE,Yadrav	6 <sup>th</sup> June	to 11 <sup>th</sup> June 2016	SITCOE,Yadrav
19	" Orientation Program on Outcome Based Education"	One Week FDP, Organized by ETC Department, SITCOE	30th Oct 2017 to	04th Nov 2017	SIT COE Yadrav
20	Outcome Based Education	SIT COE Yadrav	21 <sup>st</sup> May to	26 <sup>th</sup> May 2018 One Week 2018	SIT COE Yadrav
21	Foundation program in ICT for education	IIT Bombay	13 <sup>th</sup> Sept 2018	18 <sup>th</sup> October 2018	AICTE Approved
22	FDP on “Python Programming”	SIT COE Yadrav	3 <sup>rd</sup> October to	8 <sup>th</sup> October 2018	SIT COE Yadrav
23	Pedagogy for online and Blender Teaching – Learning Process	IIT Bombay	30 <sup>th</sup> October 2018	13 <sup>th</sup> December 2018	AICTE Approved
24	FDP on Product Design Engineering	AMGOI Vathar	20 <sup>th</sup> December 2018	24 <sup>th</sup> December 2018	AMGOI Vathar
25	C and C++	SIT COE Yadrav	29 <sup>th</sup> February 2020	-	SIT COE Yadrav
26	“Machine Learning and deep learning hands on experiments using python”	SIT COE Yadrav	1-6-2020	9-6-2020	SIT COE Yadrav
27	FDP on “Artificial Intelligence”	Online	7 <sup>th</sup> Dec to 2020	11 <sup>th</sup> Dec 2020	Online mode
28	“Machine Learning and Its applications”	SIT COE Yadrav	16 <sup>th</sup> March 2021	20 <sup>th</sup> March 2021	SIT COE Yadrav
29	“Introduction to Machine Learning”	Sinhgad Institute of Technology Lonavala.	18 <sup>th</sup> April 2022	22 <sup>th</sup> April 2022	online
30	Webinar on “Role of IEEE in Engineering Education”	SIT COE Yadrav	21 <sup>st</sup> May 2021	-	SIT COE Yadrav

31	“Research Methodology, Research Publications and Patent Filling”	SIT COE Yadrav	20 <sup>th</sup> Sept 2021	24 <sup>th</sup> Sept 2021	SIT COE Yadrav
32	‘Simulation Tools for Research’	SIT COE Yadrav	8 <sup>th</sup> Feb 2022	14 <sup>th</sup> Feb 2022	SIT COE Yadrav
33	FDP on “ NBA Accreditation and Teaching and Learning in Engineering”	NPTEL Online Certification	Jan	April 2022	-
34	One Week faculty Development Program on “Effective Research Paper and Proposal Writing”	SIT COE Yadrav	4 <sup>th</sup> January 2023	8 <sup>th</sup> January 2023	SIT COE Yadrav
35	One Week Short Term Course on “Computational Intelligence Technologies and Applications”(CITA-2023)	SIT COE Yadrav	3 <sup>rd</sup> June 2023	8 <sup>th</sup> June 2023	NIT Kurukshetra, Haryana
36	ISTE Approved online/SF-STTP/FDP Program on "Emerging Trends in Electronics and Telecommunication Engineering" organised by ATS's Sanjay Bhokare Group of Institutes, Miraj, Maharashtra	Online	8th January 2024	13th January 2024	Online
37	One Week FDP on"Advanced Data Visualisation with Microsoft power BI"	SIT COE Yadrav	19th December 2023	23rd December 2023	SIT COE Yadrav
38	ATAL FDP on "Ideas to Innovation: A patent Landscape Approach to science and Technology Correlations" at Nagesh Karajagi College of Engineering and Technology Solapur	ATAL FDP	22nd Jan 2025	28th Jan 2025	Online

- **Paper Publication**

1	Detection and Labeling of Vertebrae using Deep	International Journal of Recent Technology and Engineering (IJRTE)	ISSN: 2277-3878, Volume-9 Issue-1, May
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	Learning		2020
2	IoT Based cloth Process Control System	IJETCS	Volume-5 Issue-2, May 2020
3	Water Leakage detection Monitoring and controlling system using IoT	IJETCS	Volume 5 Issue 2 June-2020
4	Emerging Steps in Mobile Network 5G to 7G: Review	IJRAR	Vol 6, Issue 2, 2019
5	Enhancement of RVM Using FPGA	JARDCS	Vol 11, 2019
6	Automatic Fracture Recovery and Limb Lengthening system using Ilizarov	MAT Journals	Journal of Telecommunication study Vol 4, Issue 1 2019
7	Detection of Routing Misbehavior in MANETs using 2ACK Approach	NCRTI, PVPIT bughgaon	NCRTI, PVPIT bughgaon
8	2 ACK Based Routing Misbehavior Detection in Ad Hoc Networks Using NS2	NCRTI, PVPIT bughgaon	NCRTI, PVPIT, Budhgaon
9	Parkinson Disease Assessment Using Dominant Voice Features	7 <sup>th</sup> International Conference on “Intelligent Computing and Communication (ICICC 2024) organised by CMR Technical Campus (CMRTC), Hyderabad, Telangana	Volume 2 (ICICC 2024) Hyderabad, Telangana

• **Invited talks/Expert Lectures delivered:-**

Sr. No.	Name of Faculty Member	Award/Achievements	Award Details	Place	Date
1	MS P D Ghate	Expert Lecture on Basic Electronics	CSE Students for Campus (Aptitude)	SIT COE Yadrav	25 <sup>th</sup> Sept 2018
2	MS P D Ghate	Expert Lecture on Basic Electronics	Under E –Yantra Competition, (For Mechanical, CSE, E&Tc students)	SIT COE Yadrav	21 <sup>st</sup> -22 <sup>nd</sup> Sept 2018

• **Industrial Training:-**

1. One day industrial training at “Ratanath industry on 29<sup>th</sup> nov 2018

2. One day industrial training at “Ratanath industry on 15<sup>th</sup> December 2017.
3. One day industrial training at “Dualtek on 15<sup>th</sup> February 2022.
4. One day Industrial training at Anshuman Tech Pvt.Ltd Pune on 5<sup>th</sup> April 2023.

• **Extra Curricular Activities:**

1. Participated and worked as a Volunteer in Cervical Cancer Screening Camp on 20<sup>th</sup> August 2017 in SITCOE Yadav
2. Participated in Shardotsav2k22 and Winner in Cricket
3. Participated and worked as a Volunteer in Mega Health Camp arranged on 5<sup>th</sup> May 2022 in Kavathe Guland.
4. Participated and worked as a Volunteer in Mega Health Camp arranged on 5<sup>th</sup> May 2023 in SIT COE Yadrav.

• **Professional Membership:**

Sr. No.	Name of the membership	Membership no.	Type of membership (annual / life)	Name of membership body	duration	
					from	to
1	ISTE	LM 84752	Lifetime	ISTE	Academic Year 2013	Lifetime
2.	IEEE	98051189	-	Active IEEE Member	January 2022	December 2022
3	IEI	M-1820812	Lifetime	IEI	29 <sup>th</sup> March 2025	

Place:

Date:

Signature of Candidate