

# Mr. Sachin D. Latkar



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**Date of birth** 01-07-1972

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## Education

Sr. No.	Standard	School/College/University	Marks(%)	Remark	Period
1	SSC	Adarsh Vidyalaya, Deoghar	88	I class with distinction	1986-87
2	HSC	The New College, Kolhapur	90.33	I class with distinction	1988-89
3	BE ELECTRONICS	Walchand College, Sangli	60	I class	1990-93
4	ME (Electronics & Telecommunication)	KIT, Kolhapur	73.5	I class with distinction	2020

## Work Experience

Sr. No.	Name of the college/company	Designation	Experience in years	from	to
1	Gujrat HI-REL Controls Ltd.	Service & Production Engineer	1	16/5/94	30/4/95
2	Rajaram Shinde Institute of Engineering & Technology	Lecturer	1	1/8/95	31/7/96
3	Rajaram Shinde College of Engineering	Lecturer, Head of Electronics engineering department, Chief Conductor of Examinations, Controller of Examinations, In-charge Principal.	13	1/8/96	5/4/2009

4	Gharda Institute of Technology	Head of Information Technology Department, Chief Conductor of Examinations, Controller of Examinations, Training and Placement Officer, Admission In-charge, In charge Principal	13	6/4/2009	till date
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### Total Experience

28 years

### Membership

1	Life Member of Indian Society for Technical Education (ISTE), Membership No. LM76736.
2	Member of the International Association of Engineers (IAENG). Membership No. 160179.
3	Member of Institute of Doctors Engineers & Scientists (IDES). Membership No. 1184

### Subjects taught

1	Computer Communication & Networks
2	Computer Networks
3	Digital Image & Signal Processing
4	Digital Logic Design & Applications
5	Electrical Networks
6	Electronics System Design & Practice
7	Image & Video Processing.
8	Image Processing & Machine Vision
9	Information Technology & Management of Enterprises
10	Internet & Voice Communication
11	Internet Communication Engineering
12	Introduction to System Design
13	Microwave & Radar Engineering.
14	Operating Systems
15	Principles of Communication Engineering
16	RF Modeling & Antennas
17	Satellite Communication
18	Skill Lab: Python Prgoramming
19	Wireless Networks

### Papers Published

Sr. No.	Title of the paper	Journal/Conference	MONTH	YEAR	TYPE
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1	Cross Layer Design for Local Wireless Area Network	International Conference on Computing, Communication and Energy System	January	2016	Conference
2	Routing Protocols in Wireless Local Area Networks(WLANs)	Seventh International Conference on Recent Trends in Information, Telecommunication & Computing-ITC 2016	March	2016	Conference
3	Overview of 802.11 Power Saving Mechanisms	International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC)	November	2015	Journal
4	Image Compression using DCT	International Journal of Engineering Research & Industrial Application	July	2009	Journal

### Books

1	Worked in Marathi translation of the book “ Introduction to Operating systems “ of NPTEL <a href="https://drive.google.com/file/d/1dhlVo-cVrZ0MQrLrTxcd9pFXWEDLHa4W/view">https://drive.google.com/file/d/1dhlVo-cVrZ0MQrLrTxcd9pFXWEDLHa4W/view</a>
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### Courses Completed

- 1 [Automating Team Communication with Google Sheets and Apps Script](#)
- 2 [The seven-week course on “ The programming for everybody\(Getting started with Python\)” on the Coursera platform offered by University of Michigan](#)
- 3 [The six-week course on “ The bits & bytes of Computer Networking” on the Coursera platform offered by Google](#)

### Lectures delivered

- 1 Lecture delivered on “Employability of student & Role of a Teacher “in Gharda Institute of Technology

### Lectures attended

- 1 Lecture on " Anti Collision Device" delivered by Mr. S. N. Todkar ( Konkan Railway) at Gharda Institute of Technology.
- 2 Lecture on " CCNA Courses and Career " was delivered by Mr. Rohit Pardasiniya of ACIT Mahim at Gharda Institute of Technology

### Webinars Attended

- 1 A webinar on “Electric Vehicle “ by Dr. Vaiju Kalkhambkar (HOD-Electrical Engineering Department, Rajarambapu Institute of Technology, Rajaramnagar, Islampur) from 11 am to 1 pm.
- 2 Huawei Asia Pacific ICT Talent Forum 2020 | Webinar from 1.30 to 2.35 pm.| 4 August 2020
- 3 Systematic Data Organization in Revised Accreditation Framework of NAAC | 28 Feb 2021

**Seminars Attended**

1	"MATLAB & Simulink for Engineering Education" by Mathworks India Pvt. Ltd.
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**Seminars Delivered**

1	"Simulation of the Internet" at M.E. I semester
2	"IP over the wireless network" at M.E. II semester
3	"TCP/IP header compression" at M.E. III semester

**Conferences Attended**

Sr. No.	Name of the Conference	Venue	FROM	TO	DURATION
1	Towards Quality Engineering Education	(PIET,Pune)& (AISSMS's CoE,Pune)& (RSCOE,Pune)	12-Feb-2015	12-Feb-2015	One Day
2	Role of Institutes In Providing Quality Manpower To Oil & Gas, Petrochemical and Chemical Sector	MIT, Pune	2-Mar-2012	2-Mar-2012	One Day
3	Recent Advances in Engineering & Technology	Gharda Institute of Technology, Lavel	15-Nov-2013	16-Nov-2013	Two Days

**Workshops/STTPs attended**

Sr. No.	Name of the Workshop/STTP	Venue	FROM	TO	DURATION
1	Communication in English by Miss. Maya Putois	Gharda Institute of Technology, Lavel	22-Aug-2010	22-Aug-2010	Half Day
2	Spectrum- Developing Multidimensional Competencies in Teachers	Vishwakarma Institute of Information Technology, Pune.	6-Dec-2010	10-Dec-2010	One Week
3	Teacher's Training Program by Dr. Deodhar	Gharda Institute of Technology, Lavel	18-Apr-2011	18-Apr-2011	One Day
4	National workshop on LaTeX	Gharda Institute of Technology, Lavel	16-Mar-2012	17-Mar-2012	Two Days
5	Introduction to research methodologies Workshop	IIT,Mumbai	25-Jun-2012	4-Jul-2012	Two Weeks
6	Aakash for Education	IIT,Mumbai	10-Nov-2012	11-Nov-2012	Two Days
7	Loophole Ethical Hacking Workshop	Kyrion Digital Securities (P) Ltd.	11-Feb-2013	12-Feb-2013	Two Days
8	Database Management Systems	IIT, Mumbai	21-May-2013	31-May-2013	Two Weeks
9	Analog Electronics	IIT,Kharagpur	4-Jul-2013	14-Jul-2013	Two Weeks

10	National workshop on “ Cloud Computing”	Gharda Institute of Technology, Lavel	25-Jul-2013	27-Jul-2013	Two Days
11	Two Weeks ISTE workshop on "Signals & Systems"	IIT, Kharagpur	2-Jan-2014	12-Jan-2014	Two Weeks
12	Computer Programing	IIT, Mumbai	20-May-2014	21-Jul-2014	Two Weeks
13	Computer Networking		30-Jun-2014	5-Jul-2014	Two Weeks
14	Orientation Program on” Image & Video Processing	IIT, Mumbai	17-Jul-2015	17-Jul-2015	One Day
15	Basic Matlab & Simulink, Computer Vision Toolbox & Machine Vision Toolbox	Gharda Institute of Technology, Lavel	28-Sep-2015	28-Sep-2015	One Day
16	Satellite Communication"	Institute of Satellite Telecommunication Pvt. Ltd.	30-Jul-2016	1-Oct-2016	Two Days
17	Prime Minister Fellowship Scheme for Doctoral Research	DST-SERB & CII New Delhi & D. Y. Patil Education Society Deemed University, Kolhapur(M.S.)	25-Nov-2016	25-Nov-2016	One Day
18	CMOS, Mixed Signal and Radio Frequency VLSI Design	IIT, Kharagpur	30-Jan-2017	4-Feb-2017	Two Weeks
19	Internet of Things	Gharda Institute of Technology, Lavel	1-Jan-2018	5-Jan-2018	One Week
20	NETSIM:V10, A simulation platform for research in Wireless, Ad Hoc Network & Mobile Communication	D Y Patil college of engineering & Technology Kolhapur	2-Feb-2018	3-Feb-2018	Two Days
21	Moodle Learning Management System	Online	25-May-2020	30-May-2020	One Week
22	Accreditation	Gharda Institute of Technology, Lavel			Half Day
23	NBA orientation program on accreditation	Pune Vidyarthi Griha’s College of Engineering & Technology, Pune.			Two Days
24	Event Management	Gharda Institute of Technology, Lavel			Two Days
<b>Administrative activities:</b>					
1	Administrative work related to the yearly affiliation of University & AICTE.				
2	F.E. Engineering & Direct Second Year Engineering Admissions including Enrolments of students & preparation of Merit List of DTE, working for the Facilitation Center.				
3	Attended meetings of “Association of Unaided Engineering Colleges, Maharashtra State” on 12 & 13 september 2006				
4	Worked as a member of the organizing committee for arranging a workshop for Non-Technical Staff at Gharda Institute of Technology.				

5	Organizer for Two Day Workshop on “ For skill Enhancement for Tech. Assistants/Lab Assistants” organized by “ Department of Applied Sciences & Humanities from 16-17 July 2011.
<b>Co-Curricular activities:</b>	
1	Faculty orinetation program on " Skill Lab: Linux,Networking & Server Configuration " arranged by University of Mumbai on 15th January 2022
2	Faculty orinetation program on " Image Processing & Machine Vision " arranged by University of Mumbai on 13th January 2022
3	Data entry, Menu formatting & giving information & data inputs for College Automation Software.
4	Additional Course & Accreditation work
5	Coordinator for two days National Workshop on LaTeX conducted on 16 & 17th March 2012 at Gharda Institute of Technology, Lavel.
6	Worked as a chairman of Internal Quality Assurance Cell
7	Member of Local Enquiry committee(LIC) , University of Mumbai at Finolex academy of Management and Technology for academic year 2018-19 on 5th of April 2018.
8	Paper Setter in the University Examination
9	Alumni cordinator & arranged Alumni Meet
10	Electronics Lab Demo in Disha(Mission 2020) at Parshuram Education Society , Chilun on 8 & 9/12/2017.
<b>Extra-Curricular activities:</b>	
1	Arranged two days Dandiya Program in Navratri Utsav for students of Gharda Institute of Technology, Lavel acting as the main Coordinator (2010).
2	Arranged Blood Donation Camps under the Information Technology Department at Gharda Institute of Technology, Lavel.
3	Worked as a Chairman of Disaster Management Cell at Gharda Institute of Technology.
4	Participation in Blood Donation
5	Worked as an anchor for the annual GIT staff gathering on 20/02/2016.
<b>Mr. Sachin D. Latkar</b>	