

PROFILE-SHIRISH ADAM

PERSONAL DETAILS

Full Name **SHIRISH GOVIND ADAM**

Postal Address Shirish G. Adam
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Date of birth 14-07-1979

Place of Birth Ahmednagar

Nationality Indian

Blood Group B Rh + ve

ACADEMICS

B.E. (Instrumentation), M.Tech. (Biomedical Engineering)

Year	Institution/Board	Degree/Qualification
2010-2011	Indian Institute of Technology Bombay, Mumbai	MTech (Biomedical Engineering) CPI : 8.05
1999-2000	D. N. Patel College of Engineering, Shahada North Maharashtra University	B.E. (Instrumentation Engineering) First Class (63 %)
1995-1996	Residential college, Ahmednagar Pune Board	H.S.C. (59 %)
1993-1994	Shri. Markandaya Vidyalay, Ahmednagar Pune Board	S.S.C. (79 %)

NPTEL online certification

Time Line	Course Name	Assignment Score out of 25	Exam Score out of 75	Final Score out of 100	Certification
Jul-Oct 2018	Digital Circuits	21.81	57	79	Elite
Jan-Apr 2019	Digital Electronic Circuits	19.91	40.5	60	Elite
Jul-Oct 2019	The Joy of Computing using Python	24.75	58	83	Elite + Silver
Aug-Sep 2019	Python for Data Science	21	40.73	62	Elite
Aug-Oct 2019	Accreditation and Outcome based Learning	16.75	46.01	63	Elite
Jan-Apr 2020	Introduction to internet of things	-	-	97	-
Jan-Apr 2020	Introduction to Industry 4.0 and Industrial Internet of Things	-	-	89	-
Feb-Mar 2020	Medical Image Analysis	-	-	70	-
Jan-Feb 2020	Regulatory requirements for medical devices including in vitro diagnostics in India (Version 2.0)	-	-	63	-

MEMBERSHIP OF PROFESSIONAL / INSTITUTIONAL / SOCIETIES

- ❖ Life Member of Indian Society for Technical Education (LMISTE), New Delhi (LM 36484 Year 2003)
- ❖ Life Member of Indian Meteorological Society, New Delhi (LM-2706 Year 2012)
- ❖ Life Member of Biomedical Engineering Society of India (LBMESOI), Manipal (LM 1044 Year 2013)
- ❖ Life Member of Instrument Society of India (LMISOI), Bangalore (LM 2120/30.01.2013 Year 2013)
- ❖ SPOC for SWAYAM-NPTEL Local chapter
- ❖ Institute level Coordinator for IIRS-ISRO outreach program.

PRESENT APPOINTMENT

Present Appointment	Name of Employer
Assistant Professor in Instrumentation Engineering	Government of Maharashtra Director of Technical education, Mumbai

Presently working	Position	Date of appointment
Government College of Engineering, Jalgaon	Assistant Professor (Selection Grade) in Instrumentation Engineering	22 May 2002

PREVIOUS APPOINTMENTS

From	To	Name and address of organization	Designations Held
09.09.14	Till Date	Government College of Engineering, Jalgaon	Assistant Professor in Instrumentation Engineering
14.07.11	08.09.14	Government College of Engineering, Chandrapur	Assistant Professor in Instrumentation Engineering
14.07.09	13.07.11	Indian Institute of Technology Bombay, Mumbai	Deputed for MTech (BME) under QIP
22.05.02	13.07.09	Government College of Engineering, Chandrapur	Assistant Professor in Instrumentation Engineering
15.01.01	21.05.02	MAEER's Maharashtra Academy of Engineering, Pune	Lecturer in Instrumentation Engineering

LIST OF ISTE/AICTE/DST/SHORT TERM PROGRAMME ATTENDED

Sr. No.	Name of Training/Refresher course Attended	Name of Organizing Institute	From	To	Duration of Course
1	STC on virtual Instrumentation and PC based Measurements	Indian Institute of Technology, Guwahati	01.11.04	06.11.04	01 week

2	AICTE-ISTE sponsored STTP on Digital Design using FPGA's and CPLD's	Nirma University of Science and Technology, Ahmedabad	06.12.04	18.12.04	02 week
3	AICTE sponsored SDP on IT- A tool for effective curriculum implementation	Walchand College of Engineering, Sangli	12.12.05	24.12.05	02 week
4	AICTE sponsored STC on Interpersonal communication	Indian Institute of Technology, Kharagpur	13.02.06	18.02.06	01 week
5	Emerging Trends in Engineering and Technology	NITTTR, Chandigarh and JGIET, Jaipur	22.05.06	26.05.06	01 week
6	Industrial Training at RCF, Mumbai	DTE, Mumbai	16.11.06	10.01.07	8 weeks
7	AICTE sponsored STTP on Advanced DSP and Applications	NITTTR, Chandigarh and RITM, Jaipur	27.01.09	06.02.09	02 week
8	ISTE approved STTP on MATLAB and Its Engineering Applications	Government College of Engineering, Chandrapur	20.04.09	24.04.09	01 week
9	International winter school on Nano-scale Materials and Devices	Indian Institute of Technology, Bombay, Mumbai and Nanoscience and Nanotechnology at Cambridge	13.12.10	17.12.10	01 week
10	Faculty Development Programme in Geoinformatics	CDAC, Pune	04.06.12	23.06.12	03 week
11	TEQIP Sponsored STTP on Advances in Signal and Image processing	Government College of Engineering, Jalgaon	26.11.12	30.11.12	01 week
12	TEQIP Sponsored STTP on Industrial automation	Government College of Engineering, Chandrapur	03.12.12	07.12.12	01 week
13	TEQIP sponsored STTP on Object Oriented Analysis and Design	Government College of Engineering, Chandrapur	24.12.12	28.12.12	01 week
14	TEQIP sponsored STTP on Finite Element Analysis and its Engineering Applications	Government College of Engineering, Chandrapur	14.01.13	18.01.13	01 week
15	QIP STC on Variable Structure and Sliding mode Control- Concepts, Theory	Indian Institute of Technology, Bombay, Mumbai	21.01.13	25.01.13	01 week

	and Applications				
16	AICTE approved FDP on Best practices for Software Quality Engineering and 21st Century Teaching Learning System	Bharati Vidyapeetgh Institute of Computer Applications and Management , New Delhi	18.02.13	02.03.13	02 week
17	AICTE sponsored SDP on Power Electronics for Green Energy	Jerusalem College of Engineering, Chennai	15.04.13	27.04.13	02 week
18	CEP course on Energy Management	Indian Institute of Technology, Bombay, Mumbai	18.11.13	22.11.13	01 week
19	Effective Personnel Management	Government College of Engineering, Chandrapur	30.12.13	03.01.14	01 week
20	Computational Approaches to Memory and Plasticity	National Centre for Biological Sciences, TIFR, Bangalore	28.06.14	12.07.14	03 week
21	Contact Program under QIP	Indian Institute of Technology, Bombay, Mumbai	25.08.14	09.09.14	02 week
22	Contact Program under QIP	Indian Institute of Technology, Bombay, Mumbai	20.11.14	04.12.14	02 week
23	Contact Program under QIP	Indian Institute of Technology, Bombay, Mumbai	02.03.15	08.03.15	01 week
24	Contact Program under QIP	Indian Institute of Technology, Bombay, Mumbai	28.03.15	03.04.15	01 week
25	Contact Program under QIP	Indian Institute of Technology, Bombay, Mumbai	11.05.15	26.05.15	02 week
26	TEQIP STTP on “Pedagogy to Synergogy- An Innovative Strategy for Progressive Education (PS-AISPE)	Government College of Engineering, Jalgaon	22.06.15	26.06.15	01 week
27	LaTex Workshop	Government College of Engineering, Jalgaon	20.11.15	24.11.15	01 week
28	Management Capacity Enhancement Program	Government College of Engineering, Jalgaon and SkillCert Consultancy at Ooty, Tamilnadu	13.06.16	17.06.16	01 week

29	TQM and Six sigma	Government College of Engineering, Jalgaon and Engineering Staff College of India, Hyderabad	06.10.16	10.10.16	01 week
30	Mentoring for faculty of Technology and Engineering Institute	Institute of Chemical Technology ICT, Mumbai and SPFU	12.12.16	16.12.16	01 week
31	Choice Based credit system, OBE, Curriculum Design, IPR and Industry-Institution Partnership	Government College of Engineering, Jalgaon and Engineering Staff College of India, Hyderabad at Allepy, Kerala	29.12.16	02.01.17	01 week
32	E-learning tools and Technology	Government College of Engineering, Jalgaon	30.01.17	03.02.17	01 week
33	Task Based Training under e-Yantra Lab Setup Initiative	Indian Institute of Technology Bombay, Mumbai	11.12.17	31.03.18	03 Month
34	Professional Development Training for Heads of Departments	Indian Institute of Management Udaipur	10.06.19	14.06.19	01 week
35	MATLAB Fundamentals and Applications	Government College of Engineering, Kalahandi, Bhawanipatna	08.07.19	12.07.19	01 week
36	Summer School: Machine Learning and Deep Learning for Biomedical Applications	Centre for Intelligent Signal and Imaging Research (CISIR) Universiti Teknologi Petronas, Malaysia	19.08.19	23.08.19	01 week
37	Biomedical Engineering	Government College of Engineering, Jalgaon	05.08.19	09.08.19	01 week
38	Finite Element Applications in Engineering	Government College of Engineering, Jalgaon	24.02.20	28.02.20	01 week

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CONFERENCES/SEMINAR/WORKSHOPS ATTENDED

- ❖ "NI DAYS 06 Worldwide Virtual Instrumentation Conference "attended at Hotel Leela, Andheri, Mumbai on 23 Nov 2006.
- ❖ "3rd NanoToday International conference "attended at Biopolis, Singapore 8-11 December 2013
- ❖ "International Conference on Recent Trends in Engineering and Science "attended at Government College of Engineering, Jalgaon 20-21 January 2017
- ❖ Team member for completing all the assigned tasks in Task Based Training (TBT-2017) during 11 December 2017 to 31 March 2018 as a part of Teacher Training through the e-Yantra Lab Setup Initiative (eLSI)
- ❖ International Conference on Digital Pedagogies at AICTE, New Delhi, 1-2 April 2019 convened by MHRD, NPIU, AICTE.

Sr. No.	Name of seminar/Workshop course Attended	Name of Organizing Institute	From	To	Duration of Course
1	Two-day workshop on the Curriculum	Pravara Rural Engineering College, Loni	16.02.02	17.02.02	02 days
2	Maharashtra State Certificate Course in Information Technology (MSCIT)	Maharashtra State Board of Technical Education	21.09.02	21.10.02	30 hours
3	German Junior Certificate Course	Symbiosis Institute of Foreign Languages	20.01.02	21.03.02	50 hours
4	Central RTI 2005	Collectorate office, Chandrapur			01 day
5	Leadership, Motivation and staff Development	Government College of Engineering, Chandrapur	22.08.07	24.08.07	03 day
6	Practical and Field orientation through training in Satellite Communications	Institute of satellite Telecom Pvt. Ltd, Pune	05.01.08	05.01.08	01 day
7	Joint Indo-Canadian meeting on Low cost Lab-on-chip Medical Devices for Healthcare monitoring	Indian Institute of Technology, Bombay, Mumbai and University of Alberta	09.01.11	11.01.11	03 day

Sr. No.	Name of seminar/Workshop course Attended	Name of Organizing Institute	From	To	Duration of Course
8	Techconnect, Techfest 2011	Indian Institute of Technology, Bombay, Mumbai	07.01.11	09.01.11	03 day
9	Workshop on Swarm Robotics	Aagomani 11, IITB	06.03.11	06.03.11	01 day
10	German Language course	Indian Institute of Technology, Mumbai and DAAD	08.09.12	08.12.10	50 hours
11	German Language course	Indian Institute of Technology, Mumbai and DAAD	12.01.12	12.04.11	50 hours
12	Workshop on Syllabus reframing for IT/CE/CSE/CT/ME/EE	Smt. Radhikatai Pandav College of Engineering	02.12.11	02.12.11	one day
13	Procurement Management Support System	Government College of Engineering, Chandrapur	17.02.12	17.02.12	one day
14	IBM SEED Program - Rational Software Architecture	Government College of Engineering, Chandrapur	21.10.13	24.10.13	04 day
15	NAAC Awareness workshop under National Quality Renaissance (NQRI)	Internal Quality Assurance cell of North Maharashtra University Jalgaon	23.03.15	24.03.15	02 day
16	Orientation of NAAC and Grade Calculation Methodology	Government College of Engineering, Jalgaon	02.12.16	03.12.16	02 day
17	Participated in International Conference on Recent Trends in Engineering and Science (ICRTES-2017)	Government College of Engineering, Jalgaon	20.01.17	21.01.17	02 day
18	Workshop on Introduction to Robotics	ERTS Lab, Indian Institute of Technology Bombay, Mumbai	08.05.17	09.05.17	02 day
19	Workshop on Introduction to Robotics	eYantra, Indian Institute of Technology Bombay, Mumbai	19.01.18	20.01.18	02 day
20	NPTEL workshop	Chh. Shahu College of Engineering, Aurangabad	01.12.18	01.12.18	01 day

Sr. No.	Name of seminar/Workshop course Attended	Name of Organizing Institute	From	To	Duration of Course
21	IELTS (International English Language Testing System) qualified. Test report form number 18IN346427ADAS001A	British Council, idp and Cambridge Assessment English	12.01.19	12.01.19	01 day
22	NPTEL workshop	Indian Institute of Technology Bombay, Mumbai	25.01.19	25.01.19	01 day

CONTRIBUTION TO ACADEMIC ENVIRONMENT/INSTITUTION /CORPORATE LIFE

- ❖ Assessment/Inspection Committee member for approval proposal submitted by Manohar Bhai Patel Institute of Engineering and Technology, Gondia 2003-04.
- ❖ Coordinator and Institute representative for MSCIT online examination center at Government College of Engineering, Chandrapur 2003-04.
- ❖ Institute level Purchase committee member at Government College of Engineering, Chandrapur 2004-05.
- ❖ Member of report preparation committee for Local Enquiry Committee visit at Government College of Engineering, Chandrapur, AY 2005-06
- ❖ Member of committee for preparation of yearly plan and 11th five-year plan report at Government College of Engineering, Chandrapur 2006-07.
- ❖ Moderation Committee member at Rashtrasant Tukdoji Maharaj Nagpur University. 2004-2013
- ❖ Co-opted member for Subject Examination Committee under Faculty of Engineering and Technology at Gondwana University Gadchiroli. Academic Year 2013-14
- ❖ Organized and coordinated one-week workshop for students on “Embedded Trends for Adaptive Instrumentation” during 28 sep -2 oct 2013 under TEQIP
- ❖ Organized and coordinated three day workshop by IIT, Bombay faculty for students on “Mathematical Modeling for Neurophysiology using Open Source software – NEURON and SciLAB ” during 11 Feb -13 Feb 2014 under TEQIP
- ❖ Prepared and submitted the proposal under MODROB Modernization of Virtual Instrumentation Laboratory.

- ❖ Member of Institute level committee for AICTE EOA (Extension of Approval) proposal preparation.
- ❖ Organized Seminar for students on recent topics such as Nuclear Power: Need and Opportunities at Government College of Engineering, Chandrapur.
- ❖ Acted as Coordinator, for first year Degree in Architecture and pharmacy, Direct second year Engineering and MBA/MMS online admission process at application receipt center.
- ❖ Worked as Head of the Department (Computer Science and Engineering) during 2006-2009 at Government College of Engineering, Chandrapur
- ❖ Institute Library In charge 2011-12
- ❖ ARC Co-Ordinator for the admission to the Two-Year Full-Time PG course in Master of Engineering & Technology for the academic year 2013-2014.
- ❖ Organized and coordinated one-week workshop for students on “Embedded Trends for Adaptive Digitization in Electronic Instrumentation” during 15th - 19th Feb 2015 under TEQIP
- ❖ Organized and coordinated one-week workshop for students on “ARDUINO Uno/Genuino for Instrumentation and Control Basics” during 23rd - 27th Sep 2016 and 15th - 19th Sep 2018 under TEQIP.
- ❖ Worked as a Controller of Examination (CoE) for academic year 2015-16 at Institute level.
- ❖ MIS Contact officer for the customization of Academic and examination software.
- ❖ Member Secretary of Board of Studies Instrumentation Engineering under Autonomy at Government College of Engineering Jalgaon
- ❖ Departmental NBA Coordinator and department got NBA accreditation for Academic Year 2018-19, 2019-20 and 2020-21, i.e., upto 30-06-2021
- ❖ Mentor for the NPTEL online certification course offering Digital Electronic Circuits. Mentees 62.
- ❖ Mentor for the NPTEL online certification course offering The Joy of Computing using Python.
- ❖ SPOC (Single point of contact) for SWAYAM-NPTEL local chapter and Government College of Engineering, Jalgaon
- ❖ Coordinator for IIRS (Indian Institute of Remote Sensing)- ISRO outreach program.

UNIVERSITY/AUTONOMOUS ASSIGNMENTS

- ❖ Acted in examination Moderation committee member, Electronics Board, RSTM Nagpur University, Nagpur.
- ❖ Acted in examination Moderation committee member, Instrumentation Engineering Board, Gondwana University, Gadchiroli.
- ❖ Acted as Officer in Charge Examination of RSTM, Nagpur University, Nagpur at Government college of Engineering, Chandrapur Centre.
- ❖ Co-Ordinator for MSCIT online Examination Centre at Government College of Engineering, Chandrapur
- ❖ Chairman and member for paper setting committee for various courses under Instrumentation Engineering Department at KBC North Maharashtra University, Jalgaon

PRESENTATIONS IN OTHER INSTITUTES

- ❖ Conducted session/delivered lecture in Maharashtra State Board of Technical Education (MSBTE) sponsored one-week faculty development training program, organized by Department of Pharmacy, Government Polytechnic, Jalgaon during 22-26 Oct 2018.
- ❖ Conducted session/delivered lecture in TEQIP sponsored one-week workshop on NBA: Norms and Preparation organized by University Institute of Chemical Technology KBC North Maharashtra University during 3-7 Oct 2019

AWARDS

- **Finalist in SUSHRUTA Innovation Award (SIA)** 12 Feb 2011. It is a nationwide competition in India for the most innovative Medical Device Idea / Prototype by the students of Biomedical Engineering.

PUBLICATION/PAPER/POSTER

- ❖ Participation in national level technical paper presentation competition organized during 8-9 January 2005 at Kadi. Presented paper on “Computer Simulated PLC”
- ❖ Poster Presented on “Magnetic Nano-In-Micro Optical Biosensor for Determination of Renal Clinical Analytes” at "3rd NanoToday International conference " at Biopolis, Singapore 8-11 December 2013