



Dr. Suhas S. Gajre Ph.D.(IIT Delhi)

Dean (Industry Liaison) and I/C TPO





Secretary, SGGs Engineers' Alumni Association (SEAA)

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Education

Institute/ University / Board	Degree/Cert.	Year	%	Specialization/Achievement
Indian Institute of Technology, Delhi	Ph.D.	2006	NA	Biomedical Engineering
Dr. Babasaheb Ambedkar Marathwada Univ, Aurangabad	M.E.(Electronics)	1995	78.69	Electronics, Topper
Marathwada Univ, Aurangabad	B.E.(Electronics)	1990	77.53	Electronics, 2 nd in University
Aurangabad Divisional Board	H.S.C. (12 th)	1986	92.67	6 th in State, 2 nd in Board
Aurangabad Divisional Board	S.S.C. (10 th)	1984	88.71	12 th in Board

Awards and Distinctions

- World Eminence award 2017 for the category prominent research contribution in ICT for the year 2016 at WS4, London
- First Prize in the All India Student Academic Meet in Computer Science in Artificial Intelligence Section (held at University of Allahabad in 1991) for a technical paper
- Second Prize, National Level Symposium on Computer Science for Students (IEEE Students' Branch, Coimbatore, 1991) for a technical paper
- Gold Medal from the institute in First Year of Engineering

- Second Rank in Higher Secondary Certificate Examination from the same board in 1986
- Twelfth Rank in Secondary School Certificate Examination from Aurangabad Divisional Board in 1984 (among approximately 100,000 students)
- Second Rank in the University (among 150+) in Bachelor of Engineering (B.E.) Examination

International Visits

- London, UK, 2017 (Keynote Speaker, Chairing a Session, and presenting papers in International Springer/World Conference on Smart Trends in Systems, Security and Sustainability, WS4 2017, London, 15-Feb-2017 to 16-Feb-2017)
- Glasgow, Scotland, 2017 (To discuss joint research work at University of Glasgow, 17-Feb-2017 to 18-Feb-2017)
- Kuala Lumpur, Malaysia, 2014 (To attend International Workshop WISIBA 2014, 2-Oct-2014 to 3-Oct-2014)
- Seri Iskandar, Malaysia, 2014 (To discuss joint research work at Universiti Teknologi PETRONAS, Malaysia, 4-Oct-2014 to 5-Oct-2014)
- Shanghai, China, 2016 (To present paper in International IEEE/MTS Oceans 2016, 10-Apr-2016 to 13-Apr-2016)
- Hongkong, China, 2016 (To discuss joint research work with The State Key Laboratory of Brain and Cognitive Sciences, Hongkong, 14-Apr-2016 to 15-Apr-2016)

Membership of Professional Societies

- Fellow of The Institution of Engineers (India) [IEI] {F-118863-8}
- Fellow of Institution of Electronics and Telecommunication Engineers (IETE) India {F-235887}
- Life member of Indian Society for Technical Education (ISTE) {LM16480}
- Member, The Institute of Electrical and Electronics Engineers, USA (IEEE) {93823895}

Publications

International Journals:	13
International Conferences:	17
National Journals:	1
National Conferences:	8
Book Chapter:	1 (Praful D. Meshram and Suhas S. Gajre, "Cloud Based Authentication Framework for Mobiles," In Springer book titled "Cloud Computing for Optimization: Foundation , Applications, Challenges" <i>In Print</i>)

M.Tech./Ph.D. Guidance

M.Tech.:	>50
Ph.D.:	Completed: 4 Submitted: 1 Ongoing: 6

Research Project

- Funding Agency: RPS (Research Promotion Scheme) Funding from AICTE, New Delhi
- Duration: August 2012-July 2014 (2 Years)
- Funding Amount: Rs. 6.75 Lakhs
Title of the Project: "Denoising, Compression and Analysis of ECG Signals for Automated Diagnosis"
- Principal Investigator: Suhas S. Gajre
- Co-PI: Ramchandra R. Mathalkar
- AICTE sanction letter No.: 8023/RID/RPS-86/2011-12 dated December 14, 2011
- Funding Amount Sanction Letter No.: 8023/RID/RPS/86/11/12 dated August 6, 2012

A. Dean (Industry Liaison) and I/C TPO (11-June-2018 till date)

Roles:

- Institute-Industry Liaison
- Institute-Alumni Liaison
- Incharge Training and Placement activities
- Incharge of Technology Innovation and Entrepreneurship Center
- Incharge of Incubation activities
- Incharge Innovation Laboratory

Goal:

- To make our students "engineers" who would be able to contribute to the society by solving "real" problems

Path:

- To promote and administer National and international linkages with good Indian/foreign/multinational industries, alumni, professionals, and experts
- MoUs, adjunct faculty, visiting faculty, mentorship, project supervision, internship, incubation, interchange of faculty and students, training and placement, etc. with the help of Heads of the departments
- To play a key role in engaging students with industry/alumni/professionals/experts for professional success
- To make necessary efforts to motivate, foster and promote entrepreneurship and incubation to create job-givers instead of job-seekers
- Motivation, filling the gaps in education (aptitude, soft skill, core competency, human values, etc.)
- Make students ready for placements and professional success
- Inviting companies/organizations for students' placements and internship, and make necessary arrangement for the same.
- Proposals to funding agencies related to incubation, etc.
- To work closely with the SGGGS Engineers' Alumni Association (SEAA)
- For an active involvement of alumni for the progress of the Institute

Noteworthy events/processes during this period:

- *Incubation in Civil-Water-Environment started: "Hydro-Envi" (Proposed name) started operation on 27-Nov-2018, which is an alumni initiative, civil + water management area*
- *Three more incubations in pipeline: One in Energy harvesting/Battery management, and two in IOT/Industry 4.0*
- *MoU with megaproject in Solar Thermal Area Solace Cogen Pvt Ltd.: Signed on 19-Nov-2018, promoted by Mr. Mahesh Rane, megaproject worth Rs. 500+ crores upcoming in Nanded, need a huge ecosystem, opportunity to SGGGS stakeholders (students, entrepreneurs, alumni, etc.)*
- *MoU with John Deere India Private Ltd. Pune: In the area of image processing technology. To work on industry relevant projects/problems, students' internships, PI Dr. Manesh Kokare*
- *MoU with Indus Aviation Pvt Ltd.: Signed on 15-Oct-2018, Live project with Railways, Interdisciplinary team to work on IOT 4.0, promoted by an alumnus*
- *MoU with GIZ (Germany) + MASSIA: Signed on 19-Oct-2018, Students' Innovation projects on MSME live problems, Funding Rs. 2.25+ Lakh, 12 projects from 7 MSMEs in phase 1, 16 projects from 12 MSMEs in phase 2,*
- *Training in Indo-German Tool Room, Aurangabad: Students attending trainings + Internships, Skill development in fast growing areas*

- *SGGS-NIMA Skill development Center/Startup Helpdesk*: MoU with NIMA, Nashik was signed on 5-Feb-2019 for incubation, startup, entrepreneurship, Initiative by SEAA Nashik Chapter lead by Mr. Rajesh Pusadkar
- *Digital Impact Square (DISQ)*: TCS Foundation initiative, works in socially relevant problem statements, One girl student from IT department selection for 1st cycle of internship
- *MoU with CMIA-MAGIC (Chamber of Marathwada Industries and Agriculture- Marathwada Accelerator for Growth & Incubation Council), Aurangabad*: Signed on 6-Feb-2019 for promoting innovation, startup eco-system in Marathwada Region, and mentoring and nurturing startups
- *MoU with ChipSpirit, Bangalore*: Signed on 2-Feb-2019 in the field of VLSI Design
- *MoU with Shri Chakradhar Enterprises (Paint Mfg.), Bardoli, Surat*: Signed on 20-Nov-2018 for interaction with Chemical Engineering and Textile Engineering
- *Institute Innovation Council-MHRD*: Linked up with MHRD's Innovation Cell for nurturing for tomorrow's innovators, 15 students with one student leader + 1 alumnus + 1 local industry person + 1 Fund manager + faculty
- *Design Thinking Workshops*: Two workshops held in collaboration with CMIA-MAGIC and Y-Center to nurture design thinking for tomorrow's innovators, about 50 beneficiaries
- *E-Vehicle Project*: An interdisciplinary 30-member team is working on design and development of e-vehicle
- *Six week Summer Internship on "Ideas to Product Design to Development"*: 29 students/12 projects, Interdisciplinary teams, Main focus on Innovation + Product Development, Summer of 18
- *Internships at Industry/Research Organisation/etc.*: About 50%
- *Smart India Hackthon 2019 Software Edition*: Team "Shield" from our institute won first prize in MSME Foundry Cluster Belgaum (SU2) in Manipal center
- *SAE-BAJA 2019*: Team "Phoenix" from our institute won overall third prize and second prize in endurance in SAE-BAJA 2019 at IIT Ropar
- *DIPEX 2019*: Three teams won first prizes in their section in DIPEX 2019

B. Head, Department of Electronics and Telecommunication Engineering (9-July-2014 to 8-July-2016)

- Started M.Tech.(ES&VLSI) course with intake of 18 students to bridge the demand and supply gap in the core area of VLSI
- Increased the intake of existing M.Tech.(Electronics) course from 18 to 30 looking towards the expansion of PG education needs of the society
- Enhanced Industry-Institute interaction by calling people from industries. Prominent visitors: Mr. Vivek Pawar (Sankalp), Mr. Pradeep Dharne (APM), Mr. Sachin Pathak (Mentor Graphics), Mr. Ravi Boonapalli (Mentor Graphics), Mr. DVR Murthy (SoCtronics), Mr. Gangadhar Gude (Invecas), Mr. Shivraj Dharne (Intel), Mr. Shivraj Thakare (Intel), Mr. Vishwas Kurundkar (Eklakshya), Mr. Rajiv Mantri (Eklakshya), Mr. Satish Deshpande (Eklakshya)
- Appointment of 5 adjunct faculty (four from industry and 1 from university) for M.Tech. students
- MoUs with Mentor Graphics Inc., Eklaksha VLSI R&D Centre, IIT Roorkee
- M.Tech. students are getting Internship in various industries such as Synopsis, Seagate, SoCtronics, TCS, etc.
- Created a digital notice board on www.sggs.ac.in and reduced dependence on prints/photo copies saving a lot of stationary.
- Encouraged email communication among students and faculty

C. Alumni Association (Since 2010)

- Working as Secretary of SGGS Engineers' Alumni Association since 1-Jan-2018
- Worked as Alumni Meet coordinator for 2012
- Working as Executive Committee Member of SGGS Engineers' Alumni Association since 2010

D. Other

- Worked as Member of Board of Studies in SRTMU, Nanded in the board in Electronics Engineering during 30-October-2012 to 13-June-2015
- Worked as Faculty Coordinator for Swami Ramanand Teerth Marathwada University, Nanded coursework on “Research Methodology” at institute during AY1213, AY1314, and AY1415
- Working as Senate member of Institute academic senate since 2005
- Worked as one of the Editors for the Proceedings of National Conference on “TEQIP-II: Best Policies and Practices” organized by SPFU, Mumbai and SGGSI&T, Nanded during January 10-11, 2014
- Worked as Procurement In-charge for Center of Excellence in Signal and Image Processing (funds received under TEQIP-II) since October 2013 till the end of the TEQIP-II period
- Worked as DST-FIST coordinator for department of Electronics and Telecommunication Engineering and established laboratory for enhancing PG education in VLSI
- Worked as Website In-charge of official website of institute during 2007 to 2012 (built the first website for institute)
- Reviewer of various Conferences/journals
- AICTE Expert Committee member for different committees like Scrutiny of applications for new institute, Scrutiny of applications for increase in intake, Scrutiny of applications for extension of approval, consultancy for e-governance project, Physical Inspection of Engineering/Polytechnic colleges, Appellate Committee (SAC), etc.
- SRTMU Expert Committee member for different committees like Scrutiny of applications for new institute, Scrutiny of applications for increase in intake, Scrutiny of applications for extension of approval, Physical Inspection of Engineering/Polytechnic/Science colleges, etc
- Worked as Associate Controller of Examinations / CS of Exams / US of Exams.
- Worked as CAP coordinator/ CAP officer / FY Admission committee member
- Worked as NBA data in-charge for PG NBA of our department during 2009 to 2011
- Worked on various committees appointed by Hon. Director from time-to-time to improve teaching/ academic/education environment of Institution such as Canteen Committee (2011-2015), Branch change committee, Interview committee, etc.
- Editor of Departmental wall-magazines Patheya (non-technical) and Technopath (technical) since their inception in 1992
- Faculty Incharge of Drama Club “Gandharva”

Employment Record

Organisation	Designation	Period	
		From	To
SGGS Inst of Engg and Tech, Nanded	Associate Professor	06/10/2008	Till date
SGGS Inst of Engg and Tech, Nanded	Assistant Professor	31/05/2007	05/10/2008
SGGS Inst of Engg and Tech, Nanded	Lecturer (Selection Grade)	06/10/2005	30/05/2007
SGGS Inst of Engg and Tech, Nanded	Lecturer (Senior Scale)	06/10/2000	05/10/2005
SGGS Inst of Engg and Tech, Nanded	Lecturer	31/08/1995	05/10/2000
SGGS Inst of Engg and Tech, Nanded	Lecturer (Ad hoc)	13/10/1990	30/08/1995

Other Personal Details

Date of Birth: 20-Sep-1968

(Dr. Suhas S. Gajre)

Place: Nanded

Date: 11-Mar-2019