RESUME



Dr. GAURAV SUDHAKAR GADGE
gsgadge106@gmail.com; gsgadge@yahoo.co.in
https://orcid.org/0000-0001-6742-7824

Cell: **+91-770 901 7029;**
Cell: **+91-93 22 38 7029**

Objective:

I look forward to working in a challenging position, which offers the opportunity to learn further & want to achieve excellent growth in an organization where my knowledge and experience can be shared.

Summary of Qualification: (Academic Degrees)

Degree Completed	Year of passing	Percentage / Class
B.E. Electrical (Electronics & Power)	1999	Final Year - 76.38 % **Distinction** and Degree - 70.61 % First Class
M.E. Electrical Power System	2005	63.23 % First Class
PhD Electrical Vehicles *	2023	Sandip University, Nasik, Maharashtra State, India

*** PhD: -** Title - "Energy Management System for Hybrid Electrical Vehicles using Soft Computing Algorithms". Pre-Thesis - 12th Jan. 2023; Final Viva-Voce - 10th Apr. 2023; Notification - 15th Apr. 2023; Degree - 05th Jan. 2024.

Extra-Curricular Certificate:

Degree Completed	Year of passing	Percentage / Class
Certificate Course Ramayan Prabodh	2008-09	57 % Second class
Certificate Course Vedic Maths	2017	92.67 % **(Distinction)**
MH-CET (L.L.B.- 3 Years)	2024	65.1486 %

Work Experience:

Organization	Experience (Overall)			Experience (UGC)		
	Years	Months	Days	Years	Months	Days
SVPCET, Nagpur	17	10	00	17	10	00
FCRIT, Navi Mumbai	01	09	02	-----	-----	-----
PDKVP, Ahmednagar	-----	02	10	-----	-----	-----
Sipna COET, Amravati	02	06	25	02	06	25
PP, Nagpur	01	11	06	-----	-----	-----
Total	**24**	**03**	**13**	**20**	**04**	**25**
MSEB, Akola	-----	02	08	-----	02	08
Grand Total	**24**	**05**	**21**	**20**	**06**	**03**

R and D Profile:

Google Scholar ID	Scopus ID	ORCID ID	Vidwan ID
https://scholar.google.com/citations?user=MgGY7AQAAAAJ&hl=en	https://www.scopus.com/authid/detail.uri?authorId=57222153205	https://orcid.org/0000-0001-6742-7824	Profile URL: https://vidwan.inflibnet.ac.in/profile/507069

Teaching:

1. Assistant Professor, Electrical Engineering Department, St. Vincent Pallotti College of Engineering & Technology, Nagpur: (UGC Approved - 2007) July 09, 2007, to May 08, 2025 (17Y-10M-00D).

- Departmental/Administrative/Social work like Attendance records, Defaulter lists, Result analysis, Remedial Classes, Students Clubs, Guest lectures, Annual gatherings, Farewell, Parents meet, Counseling/Mentoring to the Students, Valuation-Revaluation, T&P, Alumni meet, Staff meetings, Conducting bridge courses, Internal marks, Framing Syllabus & Curriculum scheme, Attending University meetings, Exam committee meetings, Internship, University Exam/Invigilation/Paper checking/setting, NBA/NAAC, Students projects, Inter/Intra College/Inter School events, Seminars, Organizing Conference/Workshops, STTP/FDP, Publishing books, etc.

Category	Work Description
Administrative	- Served as the First Polling Officer for the Lok Sabha Elections at Ramtek Constituency on April 19, 2024.
	- Attended three training sessions for the Lok Sabha Elections.
	- College-level Centralized Continuous Assessment Test (CAT) Examination Coordinator.
	- Worked as a Co-Officer In-charge for RTMNU Examinations.
	- Worked as an exam cell member in Summer 2009 & Summer 2010.
Departmental	- Department NBA Coordinator (Pre-Qualifier, eSAR, NBA visit coordination).
	- Worked as a Department Coordinator for ICTIA-24 Conference.
	- Recorded videos on High Voltage Engineering for ekeeda.
	- Worked as a Translator for NPTEL subjects.
	- Framed the Syllabus for the Subject, Switchgear, and Protection (RTMNU).
	- Guest faculty for Vedic Mathematics.
	- Conducted Technical and Non-Technical tests at the Department level.
	- Worked as a Class Counselor (2007-2012, Summer 2018, Summer 2022).
	- Coordinator for IEI Students Chapter (since 2012).
	- Member of III cell and IEDC (2009-2012 & since 2022).
	- Organized various seminars and industrial training.
Institute Level	- IQAC Member.
	- Staff Welfare Cell Member.
	- Bus Committee Coordinator.
	- Organized AICTE-Grant for Organizing Conference (GOC) (Rs. 3.16 Lacs) sponsored Scopus Indexed Springer International Conference (REEDeV-2022).
	- Organized IEEE Students Chapter Sponsored (50%) Virtual STTP in Collaboration with PRPCOEM, Amravati.
	- Worked as an Academic Coordinator (2020-21).
	- Conducted Internship cum placement for B.E. Final year EE, ME students by Force Motors in 2017.
	- Organized various college-level events, including TECHNEX'09 & TECHNEX'12.
	- Handled various activities under Gathering INSIGHT.
	- Coordinator for signing MoU between National Power Training Institute & SVPCET, Nagpur.
	- Appointed guest faculty at NPTI, Nagpur under MoU.

2. Lecturer, Electrical Engineering, Fr. Conceicao Rodrigues Institute of Technology, Vashi, Navi Mumbai: July 18, 2005, to April 19, 2007 (01Y 09M 02D).

- Worked in Exam Cell as a CAP Coordinator representing the Department.
- Submitted Research Proposal for R & D.
- Paper Presented and Published in National Conference.
- Organized seminar on 'Embedded System'.
- Attended a four-day National seminar on 'Spiritualism'.

3. Lecturer, Electrical Engineering, Padmashri Dr. Vithalrao Vikhe Patil's College of Engineering, Ahmednagar: February 28, 2005, to May 07, 2005 (02 M 10 D).

4. Lecturer, Electrical Engineering, Sipna's College of Engineering & Technology, Amravati: (UGC Approved - 2002) August 02, 2002, to February 26, 2005 (03 Yrs. 06 M 25 D).

- Charge of the Department (HoD) for a year while the regular head was on maternity leave.
- Coordinator for NSS - Organized student-centric activities in association with students.
- Paper Presented and Published at National and International Conferences.
- Attended short-term courses.
- Published notes & questionnaire.
- Worked in Exam Cell as a Team Member to Conduct University Exam for a Year.
- Organized Career Guidance Seminars for students and paper presentations for students at the college level during 2004 - 05.

5. Lecturer, Department of Electrical Engineering, Priyadarshini Polytechnic, Nagpur: August 27, 1999, to August 01, 2001 (01 Yr. 11 M 06 D).

- Worked in Exam Cell as a Team Member for Conducting Diploma Board Examination for Four semesters.

Industrial:

1. Junior Engineer, Urban Division - Fuse Call Center, MSEB, Amravati Zone, Akola Division, Akola: April 23, 2007, to June 30, 2007 (02 M 08 D).

Responsibilities: -

- Maintenance and Repair, Supervision, Installation
- Project Assistance, Fault Analysis
- Reporting, Compliance, Coordination
- Complaint Resolution

- Handled Additional Charge of Jr. Engineer, Urban Division - Fuse Call Center, MSEB, Akola for 15 days: May 17, 2007 to May 31, 2007.
- Handled Additional Charge of Dy. Executive Engineer, Urban Division, MSEB, Akola for 07 days: June 05, 2007 to June 12, 2007.
- Handled Additional Charge of Assistant to Information Officer, Urban Division, MSEB, Akola: May 25, 2007 to June 30, 2007.

Book Publications: (04 Books)

Title	Edition	Publisher	For	Publication Date	Authors	ISBN
Basic Electrical Engineering (an elementary concept)		Alliance Publication Co., Nagpur	B.E. II semester RTMNU, Nagpur	06/05/2022	Dr. C. Hiwarkar, Prof. S. Mude and Dr. V. Umale	978-93-91322-36-6
Basic and Advance		Electrotech Publications,	B.E. I year (1st & 2nd Semester) RTMNU	31/07/2013	Mr. Sumant Y	978-81-927881-

Electrical Engineering		Satara	Nagpur		Shingare & Saurabh S Shingare	3-5
Generation of Electric Power	2nd	Electrotech Publications, Satara	B. Tech II year JNTU Anantpur	13/12/2010		978-93-83752-19-5
Elements of Power Systems		Electrotech Publications, Satara	B. E. III year RTMNU, Nagpur; Shivaji University, Kolhapur and CSVTU, Bhilai	13/07/2009		No

1. Prepared printed notes on Switchgear and Protection for 4th year during 2008-09 for Nagpur University.
2. Prepared printed notes on Electrical Power System -I for 3rd year during 2008-09 for Nagpur University.
3. Prepared printed questionnaire on Electrical Engineering – 1 and 2 for 1st and 2nd semester during 2003-04 for Amravati University.
4. Prepared own notes on Electrical Engineering – 1 and 2 for 1st and 2nd semester during 2003-04 for Amravati University.

Paper Presentation:

1. G. S. Gadge, *et. al., "Supercapacitor-Based Metro Bus Transportation"* in International Conference on Technological Innovations and Applications in Industry 4.0 (ICTIA-2024) held at SVPCET, Nagpur on 24th and 25th April 2024.
2. G. S. Gadge, Vijay Kumar Sahu, and Dr. Yogesh Pahariya, *"Comparison of αβ0 and dq0 Transform for Power Transformer Protection"* in International Conference on Technological Innovations and Applications in Industry 4.0 (ICTIA-2024) held at SVPCET, Nagpur on 24th and 25th April 2024.
3. G. S. Gadge and Dr. Yogesh Pahariya, *"A Review of Energy Management Systems for Hybrid Electrical Vehicles"* in Scopus Indexed Springer International Conference on Recent Evolutions in Energy, Drives, and e-Vehicles (REEDeV-2022) held at SVPCET, Nagpur on 16th and 17th September 2022.
4. G. S. Gadge and Dr Yogesh Pahariya, *"Solarising India: Tapping the excellent potential by 2030"* in 1st International Conference on Sustainable Materials, Manufacturing and Energy Technologies (SMMET-2022) held at RKGIT, Ghaziabad on 24th and 25th June 2022.
5. G. S. Gadge, *"A Survey of Energy Management Systems for Hybrid Electrical Vehicles"* in International Conference on Smart Technologies for Energy, Environment and Sustainable Development (ICSTEESD-20) held at GHRCE, Nagpur on 4th and 5th December 2020.
6. G. S. Gadge, *"Multiple Solar Methods Liquid Desiccant Regeneration"*, International Conference on Green Energy for Sustainable Development-2019 (ICGESD-19) held at Government Polytechnic, Nagpur on 26th – 27th February 2019.
7. G.S. Gadge, *"Dynamic Simulation of HVDC System"* National Level Paper Presentation BLITZKRIEZ 2004 held at BDCOE, Wardha in March 2004.
8. G.S. Gadge & A.S. Telang, *"Tensor Technique-A Tool for Dynamic Simulation of HVDC System"* National Level Paper Presentation held at GTBKIET, Punjab in May 2004.
9. G.S. Gadge & A.S. Telang, "*Industry Institute Interaction"* National Level Paper Presentation held at YCCE, Nagpur in Nov. 2004.

10. G.S. Gadge & A.S. Telang, *"Energy Management: Conservation of Energy through Artificial Intelligence- A Case Study"* National Level Paper Presentation held at 19th Indian Engineering Congress, Mumbai in collaboration with IEI Dec. 2004.
11. G.S. Gadge & A.S. Telang, *"Energy Management: Conservation of Energy through Artificial Intelligence- A Case Study"* National Level Paper Presentation held at Kadi, Ahmedabad in Jan. 2005.
12. G.S. Gadge, *"Dynamic Simulation and Modeling of HVDC Transmission System"* National Conference held at Pondicherry Engineering College, Pondicherry in Sept. 2006.

Paper Published:

Journal - International = 2 (Scopus Indexed), International = 1, National = 2,
Conference - International = 2 National = 2

1. G. S. Gadge and Dr. Yogesh Pahariya, "**Grey Wolf Optimization Based Energy Management Strategy for Hybrid Electrical Vehicles**" Paper Published in **International Journal of Electrical and Electronics Research (Scopus Indexed)** (e-ISSN: 2347-470X) p. no. 772-778, Vol. 10 Issue 3, 30/09/2022, with Impact Factor: _____, DOI: https://doi.org/10.3739/IJEER.100359.
2. G. S. Gadge and Dr. Yogesh Pahariya, "**Fuzzy Logic-based Energy Management System in Hybrid Electrical Vehicle**" Paper Published in **International Journal Mechanical Engineering (Scopus Indexed)** (ISSN: 0974-5823) p. no. 1578-1589, Vol. 7 No. 5 May 2022, with Impact Factor: _____, DOI: https://doi.org/10.56452/181.
3. G. S. Gadge, "**The Light-On Project: Design and Construction of a Sun-Tracking System using Image Processing**" Paper Published in 3rd International Conference on the **Sustainable Energy and Environmental Development**, (ISBN: 978-83-954975-3-7) October 16 – 18, 2019, Krakow, Poland, with Impact Factor: _____.
4. G. S. Gadge, "**Novel Testing Kit for Automatic Power Factor Correction (APFC) Relay**" Paper Published in **International Journal of Trend in Research and Development**, (ISSN: 2394-9333), Volume 6 Issue 2, March-April 2019 with Impact Factor: 4.865.
5. G. S. Gadge & Dr. A. G. Thosar, "Tensor Technique-A Tool for Dynamic Simulation of HVDC System" Paper Published in Institution of Engineers, (India) Bathinda Branch in May 2004.
6. G. S. Gadge & A. S. Telang, "Energy Management: Conservation of Energy through Artificial Intelligence- A Case Study" Paper Published in Institute of Engineers (India) under 19th Indian Engineering Congress, Mumbai Branch in Dec. 2004.
7. G. S. Gadge & A. S. Telang, "INNATE / QUALMS: An Integrated Neural Network / Deep knowledge Expert System Approach to Fault Diagnosis in Chemical Process Plant" Paper Published in International Conference on Instrumentation (INCON 2004), Pune in Dec. 2004.
8. G. S. Gadge, "Dynamic Simulation and Modeling of HVDC Transmission System" Paper Published in National Conference held at Pondicherry in Sept. 2006.
9. G. S. Gadge, "Simulation and Modeling of HVDC System" Paper Published in National Conference held at NIRMA University at Ahmedabad in Nov – Dec 2006.

Patents Published: (<u>Published</u> / Granted)

 # The following list of Patents is Published and yet to be Granted. The parent institute is paid the required fees for granting the patent through R and D.

1. PATENT APPLICATION PUBLICATION: Application No.202421003485 A, INDIA
Date of filing of Application: 08/01/2024 Publication Date: 22/02/2024 (54)
Title of the invention: AN AUTOMATED RAILWAY SIGNALLING SYSTEM.
2. PATENT APPLICATION PUBLICATION: Application No.202321076444 A, INDIA
Date of filing of Application: 08/11/2023 Publication Date: 22/12/2023 (54)

Title of the invention: AN ENERGY MANAGEMENT SYSTEM FOR HYBRID ELECTRICAL VEHICLES.

3. PATENT APPLICATION PUBLICATION: Application No.201921012196 A, INDIA
Date of filing of Application: 08/03/2019 Publication Date: 10/05/2019 (54)
Title of the invention: NOVEL TESTING KIT FOR AUTOMATIC POWER FACTOR CORRECTION (APFC) RELAY.

STTP/Workshop/Seminar/Conference Organized/Attended:

STTP: -

1. Coordinated IEEE Bombay section sponsored Short Term Training Program on "Optimization-Tools and Techniques for Solving Real-World Problems in the field of Electrical Engineering" conducted in coordination with PRPCEM, Amravati from 06th to 18th June 2022.
2. Attended and completed the one-week STTP on "Emerging Trends & Innovations in Electrical Engineering for Sustainable Leaving" conducted by SVPCET, Nagpur from November 26 to December 01, 2018.
3. Attended and completed the one-week STTP on "MATLAB Programming for Pulse Width Modulating Voltage Source Inverters" organized by the Department of Electrical Engineering, VNIT, Nagpur from November 15th to November 19th, 2018.
4. Attended STTP on "Internet of Things (IoT)" under the Department of Electrical Engineering at SVPCET, Nagpur from 07th to 09th July 2017 in association with ExpertsHub™.
5. Organized and attended the 2nd STTP on "Green Energy Applications & Smart Industry Solutions" under the Department of Electrical Engineering at SVPCET, Nagpur from 21st to 25th November 2016.
6. Organized 1st STTP on "Emerging Trends and Simulation Software in Electrical Engineering" under the Department of Electrical Engineering at SVPCET, Nagpur from 21st to 25th April 2014.
7. Attended One Week MHRD sponsored STTP on Recent Trends in Power Systems at VNIT, Nagpur from 27 July to 01 August 2009.
8. Attended One Week ISTE approved Short Term Course on Recent Trends in Software Applications to Electrical Engineering at YCCE, Nagpur from 16 to 20 October 2007.
9. Attended Two Weeks 'AICTE Sponsored STTP on Staff Development Programme' from January 24, 2005, to February 05, 2005, Organized by Staff Development Cell, GCOE, Amravati.

Workshop/FDP: -

1. Attended and completed the AICTE-ISTE approved Orientation/Refresher Programme on "Introduction to Electric Vehicle" held from 14th to 21st March 2022 organized by SVPCET, Nagpur.
2. Attended and completed with rank 03 in the FDP on, "Aptitude Skill Development: Train the Trainer" held from February 14 to 25, 2022 organized by SVPCET, Nagpur.
3. Attended and completed the three-day Workshops on "Power and Energy Management in Industrial Utilities-Energy auditing, Power Saving Techniques, and Management" conducted at KEC, Nagpur, and organized by CISAT from October 29th to October 31st, 2018.
4. Attended and completed MeitY, Government of India, Sponsored One-week Faculty Development Programme (FDP) on "Power Quality Analysis and Improvement Techniques" organized by the Department of Electrical Engineering and E & ICT Academy, NIT, Warangal from 18th June – 23rd June 2018.
5. Organized and attended the three days Faculty Development Programs on "Building Industry – Teacher – Student Connect" held at SVPCET, Nagpur from 12th to 14th June 2018.
6. Attended the 4-day workshop on "Innovation Teaching Methodology & Use of ICT" at SVPCET, Nagpur on 20th to 23rd February 2018.

7. Attended and completed AICTE-approved FDP201x on "Pedagogy for Online and Blended Teaching-Learning Process" conducted by IIT, Bombay from 14th September to 12th October 2017.
8. Attended and completed AICTE-approved FDP101x on "Foundation Program in ICT for Education" conducted by IIT, Bombay from 03rd August to 07th September 2017.
9. Attended the 3-day Faculty Development Program on 'Outcome Based Education – Opportunities & Challenges' at SVPCET, Nagpur from 02nd to 04th June 2017 in association with the Institution of Skilled Professionals, New Delhi.
10. Attended the 3-day Faculty Development Program on 'Research & Teaching Methodology' at SVPCET, Nagpur from 17th to 19th November 2016.
11. Attended the 3-day Faculty Development Program on 'InstrucTonic Faculty Development Program' at SVPCET, Nagpur on 27th to 29th June 2016 trained by Focus Academy for Career Enhancement, Pune.
12. Organized and attended a day workshop on Revised curriculum development of BE Eighth Semester Electrical Engineering conducted jointly by RTMNU, Nagpur & Department of Electrical Engineering, SVPCET, Nagpur organized at SVPCET, Nagpur on 16th January 2016.
13. Attended the 2-day Faculty Development Program on 'Quest for the Best' at SVPCET, Nagpur on 12 & 13 June 2013.
14. Attended a day workshop on "Nanovolts to Gigahertz: Measurement Challenges & Applications", organized by The Institution of Engineers, Nagpur Local Center held on 17th April 2013 in Association with Tektronix & Keithley.
15. Organized and attended One day workshop on curriculum development of BE Second Semester for the subject 'Advanced Electrical Engineering' organized at SVPCET, Nagpur on 09th Jan 2013
16. Attended the Three days workshop on Labview Software at TGPCET, Nagpur from 29th Nov to 01st Dec 2012.
17. Attended one-day workshop on curriculum development of BE First Semester for the subject 'Basic Electrical Engineering' organized at NUVA, Nagpur on 14th Aug 2012.
18. Organized the 2-day workshop on 'Embedded System' at FCRIT, Navi Mumbai on 17th & 18th Feb 2006.

Internship: -

1. Coordinated Internship Program for 4th & 6th Semester students of the Department of Electrical Engineering in Winter 2017, Summer 2018, and Winter 2018 under IIIC i.e. Sessions 2016-17, 2017-18 and 2018-19.
2. Coordinated with the Mechanical Department to conduct Force Motors Internship Interviews for EE and MECH students of the 8th Semester on 05th February 2018.
3. Coordinated Internship Program for 4th & 6th Semester students of the Department of Electrical Engineering in Summer 2017 under IIIC and 62 out of 72 have completed training and presented Industry topics in the Department.

Seminar: -

1. Attended an Engineering & Science Innovation Summit held on 2nd August 2014 at The Institution of Engineers (India), NLC, Nagpur in association with National Instruments & sponsored by AI Instruments Pvt Ltd, Pune.
2. Attended a complimentary seminar on MATLAB & Simulink for Engineering Education organized by Mathworks India at Nagpur on 25th Feb 2011.
3. Attended 'The National Seminar on Autonomy and Accreditation of the Technical Institution on 29th Feb 2004 at S. S. G. M. C. E., Shegaon.
4. Attended One Day Workshop on 'Bio-Diesel as a Bio Fuel' on 24th Jan 2004 at Sipna's C.O.E.T., Amravati.
5. Organized & attended a one-day seminar on Courier Guidance Seminar at JC's, Dhamangaon on 18th April 2003.

Conference: -

1. Coordinated 'Startup Mela' under IEDC conducted on 27th – 28th January 2019.
2. Organized and Coordinated the first "Industry Academy Interface" for Students, Faculty of other colleges, and Industry personnel on 07th September 2018 at SVPCET, Nagpur.
3. Organized a Second National paper presentation competition Technico Entrevista under IEI students' chapter SVPCET, Nagpur in March 2018.
4. Coordinated 'Startup Mela' under IEDC conducted on 23rd January 2018.
5. Coordinated 'Symposium 2k17' with Resolve (IIIC) and Innovate (IEDC) conducted on 5th & 6th October 2017.
6. Coordinated activities for Lemon Ideas and Wadhwani Group under IEDC on Campus and out of Campus from June 2017 to December 2017.
7. Organized Inventomania-4 for School, Diploma, and Engineering students of all branches with Two Inter-Collegiate, Four intra-college, and One School Events in September 2017.
8. Organized Inventomania-3 for engineering students of all branches with seven events in September 2016.
9. Organized a day ENERGIEBEHOUD: Energy Conservation Poster and Model Competition conducted jointly by The Institution of Engineers (India), NLC, Nagpur & Department of Electrical Engineering, SVPCET, Nagpur organized at IE (I), NLC, Nagpur on 31st January 2016.
10. Organized a First National paper presentation competition Technico Entrevista under IEI students' chapter SVPCET, Nagpur on 20th March 2014.

Projects: -

1. Worked on a water harvesting project in the NSS camp from 19th Nov to 05th Dec 2004 at Sipna's COET, Amravati.

Expert Lectures: -

1. Delivered an Expert Lecture on "Data Visualization and Presentation Skills" on 27th October 2023 to DRAAO's CGLE 2021 batch at RTI, Nagpur.
2. Delivered Expert Lecture on Vedic Mathematics in Online mode for
3. Delivered Expert Lecture on High Voltage Engineering for B.E. 6th Semester students on 03rd March 2016 at Shri Sai College of Engineering & Technology, Bhadrawati.
4. Delivered Guest Lecture on Transmission and Distribution in Electrical Power System for B.E. students on 17th February 2016 at Wainganga College of Engineering and Management, Nagpur.
5. Delivered Expert Lecture on High Voltage Engineering for B.E. 6th Semester students on 18th March 2015 at Shri Sai College of Engineering & Technology, Bhadrawati.
6. Expert technical faculty on Electrical Basics for U.G. students in March 2016 at SYNERGEM, Nagpur.
7. Delivered Expert Lectures for Post Diploma Course for 10th Batch - Jan 2009, 11th Batch - Feb 2010, 12th Batch - Mar 2011 & 14th Batch – Dec 2014 at National Power Training Institute, Nagpur.
8. Expert faculty from the Electrical Department for subjects - Basic Electrical Engineering for 1st sem batch of Winter 2013, Winter 2014 & Advanced Electrical Engineering for 2nd sem batch of Summer 2013, Summer 2014, Summer 2015 of Power Engineering students at National Power Training Institute, Nagpur under MoU signed between NPTI & SVPCET, Nagpur.

Membership of Professional & Scientific Bodies / Societies:

1. Member of the Institute of Electrical and Electronics Engineers (IEEE) from 13th December 2023.
2. Life Time Membership of The Institution of Engineers (India) from August 2010.
3. Life Time Membership of Indian Society for Technical Education (ISTE) from 2003.

4. Life Time Membership of the International Association for Scientific Spiritualism (IASS) from 1999.

Award and Honors:

1. Mentor Award received from IIT, Powai, Mumbai on 01st February 2025 for mentoring 72 students, 15 appeared for the examination, and 01 cleared on topic, *"A Basic Course on Electric and Magnetic Circuits"*.
2. Best teacher award from the department on the college level for the year 2017-18 in SVPCET, Nagpur
3. Best performance award from the department on the college level for the year 2008-09 in SVPCET, Nagpur.
4. Best teacher award from the department on the college level for the year 2008-09 in SVPCET, Nagpur
5. Best Paper Award at National Conference BLITZKRIEZ 2004 for *"Dynamic Simulation of HVDC Systems"* held at BDCOE, Wardha in March 2004.
6. Coordinated with the Mechanical Department to install a Rooftop Grid Tie Solar Power Plant in the SVCPET campus 96 kW in session 2017-18 and inaugurated on 14th January 2018.
7. Developed four videos on different topics related to ICT and uploaded them on YOUTUBE.

Additional Information:

- Translated NPTEL-SWAYAM files of the course Basic Electrical Circuits (108104139) offered by IIT, Kanpur in the Marathi language for 5.25 hours.
- Attended 15 days of NSS camp during graduation as an NSS student volunteer at SSGMCE, Shegaon in 1997-98 & 1998-99.
- Attended 5 days of NSS camp during graduation on AIDS as an NSS student volunteer at SSGMCE, Shegaon in 1998-99.
- Organized NSS camp of 15 days as a NSS Faculty Co-coordinator on 19th Nov 2004 to 05th Dec 2004 at Sipna's COET, Amravati.

Industrial Training:

- Completed Master Class on EV Design using MATLAB at Pantech e-Learning Pvt. Ltd., Chennai from August 23, 2021, to September 21, 2021.
- Completed dissertation work & training at HVDC Substation, Chandrapur on dynamic simulation of HVDC system using MATLAB on 30th May 2005.
- Completed training at Hi-Voltrance Electricals Pvt. Ltd., Halol, Baroda from 08th May 98 to 31st May 98.
- Completed training at Colt Cable Pvt. Ltd., Pen, Mumbai from 01st Jun 97 to 26th Jun 97.

Computer Skills:

Languages : C, C++, JAVA Other Tools : MATLAB – Power System Toolbox

Personal Information:

Date of Birth	: 21st March 1978	Sex	: Male
Marital Status	: Married	Nationality	: Indian
Category	: General / Open		

Subjects Taught:

1. Diploma Mechanical Engineering – Electrical Technology (BTE, Mumbai - Nagpur).

2. Diploma Electrical Engineering – Utilization & Traction System, Electrical Installation System-1 (BTE, Mumbai-Nagpur), Electrical Technology.
3. Part-time BE–Computer-Aided Design (Nagpur University), Electrical Machines (Rajasthan University)
4. 1st Year Common-Electrical Engineering-1 and Electrical Engineering-2 (Amravati University & Mumbai University), Electrical Engineering (Yearly), Basic Electrical Engineering & Advance Electrical Engineering (CBS) (Nagpur University and NPTI, Nagpur).
5. Electronics & Telecommunication Engineering-Electrical Engineering-3 (Amravati University).
6. Instrumentation Engineering-Electrical Machines & Electrical Measurement and Measuring System (Amravati University).
7. Computer Engineering-Drives & Control (Amravati University), Electrical Network (Mumbai University).
8. Mechanical Engineering-Control System (Shivaji University)
9. Electrical Engineering-Analog & Digital Integrated Circuits (Nagpur University & Mumbai University), Electrical Measurement (Pune University), Renewable Energy Sources, Electrical Machines-1, Electrical Power System-1, High Voltage Engineering, Switchgear & Protection (Nagpur University),

Presently teaching -

Autonomy Courses: - Engineering Practices – 1, Network Analysis, Electrical Power System.

Laboratory Developed:

1. BE Instrumentation Engineering-Electrical Machines Lab - Four Experiments (Amravati University).
2. BE Electrical Engineering-7th Sem-High Voltage Lab - Eight Experiments (Nagpur University).
3. BE Electrical Engineering-8th Sem-Switchgear & Protection Lab-Eight Experiments (Nagpur University).

Extra-Curricular Activities:

- Certified for Yoga Competition at College Level and represented college at University level in 1997 – 98 and 1998 – 99.
- N.S.S Volunteer for 3 years from 1997 to 1999 at college level.
- NSS Coordinator for 1 year at Sipna's COET, Amaravti in 2004.
- Winner in Badminton singles and doubles at club level in March 2013.
- Secured 2nd position in Faculty cricket matches at SVPCET, during Insight 2013-14.
- Winner in Faculty Badminton in Singles and won the title of Mister Insight (Gathering) in 2023-24.

Address for Correspondence:

Flat No 402; Plot No 77 / 78, Vrundavan 2 Apartment, Prabhu Nagar, Kotwal Nagar, New Manish Nagar, Back to Jayanti Mansion 9; Nagpur – 440 025; Maharashtra State; India.

References:

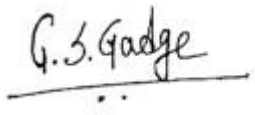
1. Dr. Yogesh Pahariya (PhD Guide); Vice Chancellor, Rai Technology University, Bangalore; Karnataka, India; Mob: 9406834318, email ID - ypahariya@yahoo.com
2. Mr. Sameer Manohar Hardas, Refinery Manager, OCB Foods & Feeds Pvt. Ltd. Parwanipur-4 Bara – Nepal, Mob: +977 9815201254, email ID: sameerhardas68@mail.com
3. Dr. Kawita D Thakur, Assistant Professor (Selection Grade), Government College of Engineering Yavatmal, Mob: 9096621113, email ID: kawitadthakur@gmail.com

4. Dr. Rohini Suhas Ochawar, Associate Professor and Head of the Department, Electronics and Communication Engineering, Ramdeobaba University, Ramdeo Tekdi, Nagpur 440013, Maharashtra, India; Mob: 8329495047, email ID - ochawarrs@rknec.edu
5. Mr. Shrikant Dharmadhikari; Deputy Director, Electrical Engineering; National Power Training Institute, Nagpur; Res: Plot no 51, Gajanan Dham, Sahakar Nagar, Khamla, Nagpur - 440025; Maharashtra State; India; Mob: 9423073964 email ID - d_shrikant@yahoo.com

Declaration:

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date: 08th May 2025



Place: Nagpur **Dr. Gaurav S. Gadge**