

RESUME

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Academic Record				
Year	Course	Board / University	% Marks	Division
2019-23	Ph. D (Mechanical Engineering)	VJTI, Mumbai University	(pursuing)	--
2007	M.E. (Mechanical -Heat Power Engg.)	Shivaji University/ Govt. College of Engg. Karad	74.80	First class with distinction
2003	GATE-2003	Organized by IIT, Madras	85.41	Percentile
2002	B.E. (Mechanical)	Amravati University, Govt. College of Engg. Amravati	70.80	First Class
1998	HSC (XII)	Maharashtra State Board	89.33 %	First class with distinction
1996	SSC (X)	Maharashtra State Board	77.06%	First class with distinction

Project undertaken during Graduation

- HC & SFC reduction using **Selective Exhaust Gas Recirculation** in two strokes SI engine.

Research work during Post-graduation

- Metamorphism dependent micro-structural model for effective thermal conductivity of Snow (Sponsored by **Institute of Armament Technology, DRDO, Pune**)

Research work during Ph. D (Undergoing)

- Numerical and Experimental investigation of heat losses from modified cylindrical cavity receiver of parabolic dish for high temperature application.

Book Publication

1. “Fluid Mechanics and Machinery”, S. Chand Publication, ISBN: 81-219-4024-9, Code: 10534A, Year of Publication: 2012.

International Visits:

1. Attended and presented paper at International Conference on Computational Heat Mass and Momentum Transfer **ICCHMT-2019**, organized by Roma Tre University and La Sapienza University of Rome, during September 3rd-6th, 2019 at **Rome, Italy**.

Paper Publications

❖ International Journals

1. “Computer Aided Fixture Design: A Review”, International Journal of Advanced Engineering Research and Technology "IJAERT", ISSN No: 2348-8190, Vol. 2 Issue 1, April 2014, pp. 33-36.
2. “Finite Element Analysis of a Developed Fixture for Shot Blasting and Zinc Coating Operation”, International Journal of Engineering Research and Technology "IJERT", ISSN: 2278-0181, Vol. 3 Issue 9, September 2014, pp. 589-591.
3. “Multi objective optimization of turning process parameters for EN353 material using Taguchi based Grey relational analysis”, International Journal of Engineering and Management Research “IJEMR”, Vol. 05, Issue 03, June 2015, pp. 789-796.
4. “Effect of Activating Flux on Gas Tungsten Arc Welding and Plasma Arc Welding for Stainless Steel”, International Journal for Scientific Research and Development, "IJSRD" e-Journal ISSN (online): 2321-0613, Vol. 05, Issue 02, April 2017, pp. 2188-2190.
5. “Multi objective Optimization of Process Parameters in TIG Welded Joints of Mild Steel”, International Journal for Scientific Research and Development, "IJSRD" e-Journal ISSN (online): 2321-0613, Vol. 05, Issue 05, July 2017, pp. 384-389.

6. "Multi-response Optimization of Process Parameters of TIG Welding for Dissimilar Metals (SS-304 and Fe-410) using Grey Relational Analysis", International Research Journal of Engineering and Technology, 'IRJET' e-Journal e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 06, June -2018, pp. 986-993.
7. "Weight reduction of Standard Steel Pallet by using Corrugated sheet instead of CRCA sheet & Evaluating its Strength through Finite Element Analysis", International Research Journal of Engineering and Technology, 'IRJET' e-Journal e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 07, July 2018, pp. 1105-1111.
8. "Multi-response Optimization of Machining Parameters In End Milling CNC Machine of AISI H13 Hot Die Steel By Using Grey Relational Analysis", International Research Journal of Engineering and Technology, 'IRJET' e-Journal e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 07 | July-2018, pp. 693-699.
9. "Optimization of process parameters of A-TIG welding for penetration and hardness of SS 304 stainless steel weld", International Research Journal of Engineering and Technology (IRJET), "IRJET" e-Journal e-ISSN: 2395-0056, p-ISSN: 2395-0072, Volume: 05 Issue: 10, Oct-2018, pp. 230-234.
10. "Study of wear behavior of Titanium grade 2 using Taguchi method", International journal for research in applied science and Engineering Technology, ISSN-2321-9653, Volume: 09, Issue: 12, pp 2214-2219.
11. "Multiobjective optimization of cobalt ferrite nanoparticle synthesis using microreactor system tension member using Ansys tool", International journal of Engineering Sciences and research technology, ISSN-2277-9655, Vol:12 issue:05, pp 25-32.

❖ **National Journals**

1. “Microstructure Based Model for Effective Thermal Conductivity of Snow”, Indian Journal of Pure and Applied Physics, Vol 47, March 2009, pp. 206-211. (**Scopus Indexed**)
2. “Analysis of a Combustion, Performance and Emission Characteristics of a CNG-B20 Fueled Diesel Engine under Dual Fuel Mode”, Carbon Science and Technology, Vol. 8, Issue: 03, May 2016, pp 52-59. (**Scopus Indexed**)

❖ **International Conferences**

1. “**Heat Transfer Mechanisms in Nanofluids**”, Presented at International Conference on “**Advances in Manufacturing and Technology Management**”, organized by Parshvanath college of Engineering, Thane in association with University of Mumbai. (18/01/07 to 20/01/07)
2. “Analysis of a Combustion, Performance and Emission Characteristics of a CNG-B20 Fuelled Diesel Engine under Dual Fuel Mode”, Presented at International Conference on ‘Alternative Energy Sources’ ‘**ICAES-2016**’ organized by **Birla Institute of Technology, Mesra, Ranchi-835215**, Jharkhand. (29 and 30 Jan 2016)
3. “Optimization of process parameters of TIG welding for Dissimilar metals: Review”, Presented at 3rd International Conference on "Innovative Design analysis and Development in automobile and air Craft Engineering" organised by VEL-TECH University, Avadi, Chennai. (22-24 Feb 2018)
4. “Study of Electric Arc Welding Processes on Stainless Steel: A Review”, Presented at International Conference on 'Advanced and Agile Manufacturing and Agile Software Development' (ICAM-ASD 2016) organized by Dept. Of Prod. Engg., S.G.G.S. College of Engineering, Vishnupuri, Nanded under Center of Excellence in Metal Forming (06-07 October 2016)
5. K. S. Wasankar, S C. Yadav, R. Sinha, N. P. Gulhane “Numerical investigation of heat losses through cascaded fully open cavity receiver at high temperatures up to 500⁰C”, Paper presented at International Conference on Computational Heat Mass and Momentum Transfer **ICCHMT-2019**, organized by Roma Tre University and La Sapienza University of Rome, during September 3rd-6th, 2019 at **Rome, Italy**. Published in Conference proceedings at E3S web of Conference (Scopus Indexed).

❖ **Poster Presentation:**

1. K. S. Wasankar, N. P. Gulhane, “Mathematical Models to Calculate Convective and Radiation Heat Losses from Solar Cavity Receiver”, Poster presented at: National Symposium on Applications of Mathematics in Science and Engineering, March 29th -30th 2019, VJTI, Mumbai
2. K. S. Wasankar, N. P. Gulhane, “Numerical Investigation of Natural Convection and Radiation Heat Losses for Fully Open Cavity Receiver at High Temperature”, Poster presented at: Ph. D Research colloquium, August 2nd 2020, VJTI, Mumbai.

❖ **National Conferences**

1. **“Metamorphism Dependent Micro-Structural Model for Effective Thermal Conductivity of Snow”**, presented at National Conference on **“Innovations in Mechanical Engineering IME-2007”**, organized by J. T. Mahajan College of Engineering, Faizpur, Dist: Jalgaon. (29/03/07 to 30/03/07)
2. **“Mathematical Models for Effective Thermal Conductivity of Snow”**, presented at National Conference **“NCME-2007”**, organized by Shri Ram College of Engineering and Management, Banmore, Gwalior. (28/04/07 to 29/04/07)
3. **“Mechanisms of Heat Transfer in Nanofluids”**, presented at National Conference **“PGFEST-2007”**, organized by NMAM Institute of Technology, NITTE, Udupi, Karnataka. (28/04/06 to 29/04/06)

Post Graduate Dissertation work completed under my Guidance:

1. “Design and Development of Fixture for Holding the Gun Used in Blasting and Zinc Coating Operations for Flow Tubes”, by Mr. Rahul M Jadhav, ME12F11F004, Sponsored by Endress and Hausser Flowtech Ind. Ltd. Aurangabad, Completed on 10/01/2015, External Examiner was Prof B A Patil , Asst. Prof. , Government College of Engineering, Avsari.
2. “Multi objective optimization of turning process parameters for EN353 material using Taguchi based Grey relational analysis” by Mr Rahul Saindane, ME13F11F15 completed on 14/10/2015, External Examiner was Dr V B Tungikar, Professor, Production Engineering Department, Shri Guru Gobind Singh College of

Engineering, Nanded. The experimental work was carried out at Indo-German Tool Room, Aurangabad.

3. "Effect of Activating Flux on Plasma Arc Welding for Austenitic Stainless Steel", by Mr Mangesh S Kulkarni, ME14F11F007 completed on 07/08/2017, External examiner was Dr A M Nikalje, Asso. Professor, Government College of engineering, Jalgaon. The experimental work is carried out at Endress and Hausser Flowtec India Pvt Ltd. Waluj, Aurangabad.
4. "Multi Response Optimization of Process Parameters for TIG Welding of IS 2062 Mild Steel" by Vaibhav V. Neman, ME15F11F009 completed on 07/08/2017, External examiner was Dr A M Nikalje, Asso. Professor, Government College of engineering, Jalgaon. The experimental work is carried out at RD Engineering Pvt. Ltd. Waluj, Aurangabad.
5. "Multi-response Optimization of Process Parameters of TIG welding for Dissimilar Metals (SS-304 and Fe-410) using GRA", by Aashish K Wahule, ME16F11F017 completed on 31/07/2018. The experimental work is carried out at Garware Polyester Pvt. Ltd. Waluj MIDC, Aurangabad.
6. "Weight reduction of standard steel pallet by using corrugated sheet instead of CRCA sheet and evaluating its strength by using Finite Element Analysis", by Chinmay D Kodape, ME15F11P003 completed on 24/12/2018. The experimental work is carried out at Bajaj Pvt. Ltd. Waluj MIDC, Aurangabad.
7. "Multi-response optimization of machining parameters in end milling CNC machine of AISIH13 hot die steel by using grey relational analysis", by Yogesh G Jadhav, ME15F11P001. The experimental work was carried out at Indo-German Tool Room, Aurangabad.
8. "Optimization of process parameters of A-TIG welding for penetration and hardness of SS 304 stainless steel weld, by Aakansha Jadhav ME16F11F001 completed on 24/12/2018.
9. "Study of wear behavior of Titanium grade 2 using Taguchi method" by Ajay K. Kahale ME19F11F004 completed on 04/05/2022.
10. "Development of Electromagnetic Microreactor for Improved Chemical and Pharmaceutical Processes for Cost Effective Conversion" by Yuvraj Subhashrao Mundhe, ME20F11F012 completed on 07/07/2023.

Membership of professional bodies:

1. Lifetime member of The Indian Society for Technical Education. (Membership No: LM 80215)
2. Corporate member of The Institution of Engineers (India). Membership No: M-1693764

Software knowledge

- MAT-LAB
- Modeling/Drafting Software's: CATIA V5 R13, Auto CAD, Solid Works
- ANSYS, Pro-E
- Solid-Edge

Work Experience

- 1. Company** :- Radheya Machining Ltd. Sanaswadi, **Pune**
Designation :- **Trainee Quality Engineer**
Duration :- **1.5 year**

Company Profile:- Radheya Machining Ltd., Sanaswadi is a manufacturing firm, produces Automobile Components like Gears blanks and Gears.

Activity Handled:

- # Ensure the quality of products manufactured meet the product specification.
- # Monitoring of In-process quality to eliminate problems.
- # Preparation of daily rejection reports.
- # Control of measuring instrument & gauges.
- # Work closely with production department in achieving production targets by continually supporting the production team.
- # Continuous improvement activities to improve product quality and throughput, scrap reduction and cost reduction goals.
- # Making list & control of drawing & updating it.

- 2. Institute** :- Government College of Engineering, **Karad**
Designation :- Teaching Assistant in Mechanical Engg. Department
Duration :- **1 year 06 Months**
- 3. Institute** :- Government Polytechnic, **Osmanabad**
Designation :- Lecturer in Mechanical Engg. Department
Duration :- **1 year 06 Months**
- 4. Institute** :- Government Polytechnic, **Washim**
Designation :- Lecturer in Mechanical Engg. Department
Duration :- **2.5 year**

- 5. Institute** :- Acharya Shrimannarayan Polytechnic, **Wardha**
Designation :- Lecturer in Mechanical Engg. Department
Duration :- **1 year 08 Months**
- 6. Institute** :- Government College of Engineering, **Aurangabad**
Designation :- Assistant Professor in Mechanical Engg. Department
Duration :- **11 year 09 Month**
- 7. Institute** :- Government College of Engineering, **Amravati**
Designation :- Assistant Professor in Mechanical Engg. Department
Duration :- Joined on 14/07/2023

Student Training/FDP/STTP/Functions/activities coordinated/organized:

1. Coordinated Faculty Development Program on “Computational Fluid Dynamics: Development, Applications and Analysis” under TEQIP II grants, in collaboration with Indian Institute of Technology, Bombay during March 8th to 12th, 2017.
2. Conducted/coordinated and delivered most of the expert sessions in student training program on “Internet of Things (IoT)” under TEQIP III grants, during July 13th to Sept. 20th, 2020 in online mode. During this training two sessions were conducted by industry experts from NDE Lab, GE Global Research, Bangalore and Siemens Ltd. RC-IN DI FA TECH SUP, Kalwa Works, Thane.
3. Co coordinated the ABHIYANTRAM 2K18 program which aimed to acquaint high school students with machinery and equipment’s from mechanical engineering domain.
4. Coordinated First Year Engineering Admission process for the academic year 2016-17.
5. Organized DTE sponsored one-week Faculty Development Program on “Product Development and Analysis (PDA-2022)”, during 21st to 25th Feb 2022 at Govt. College of Engineering, Aurangabad.

Trainings Attended:

Sr No	Course Name	From	To	organizing Institute/ Agency
Academic year 2008-09				
1	Computer Aided Drafting	16-Jun-08	21-Jun-08	Government Polytechnic, Amravati
Academic year 2009-10				
2	Induction Program Phase-I	26-Oct-09	06-Nov-09	NITTTR, Extension Centre, Pune
	Induction Program Phase-II	12-Apr-10	23-Apr-10	NITTTR, Extension Centre, Pune
Academic year 2010-11				
3	CAD/CAM through AutoCAD/CATIA/ Pro-E/UG-NX-6.5	13-Sep-10	24-Sep-10	Central institute of Plastic Engineering and Technology, Aurangabad
Academic year 2011-12				
4	Skill matrix enhancement and effective teaching learning for quality technical education.	28-Nov- 11	09-Dec-11	Government college of Engineering, Aurangabad (ISTE approved)
	Engineering Optimization techniques and its application in Research EOTAR-2012	02-Jan-12	12-Jan-12	Government college of Engineering, Aurangabad (ISTE approved)
Academic year 2012-13				
5	Self-Management and Team Management- Breaking the Barrier	18-Sep-12	18-Sep-12	Govt. College of Engg. Aurangabad
	E-learning tools and technologies in PG education	29-Oct-12	02-Nov-12	Government College of Engineering, Amravati
	Genetic Algorithm and Neurofuzzy applications in Engineering "GANEUF AE-2012"	17-Dec-12	21-Dec-12	Government college of Engineering, Aurangabad (ISTE approved)
	New trends for Teachers in Digital Age	04-Feb-13	08-Feb-13	Government Polytechnic, Amravati
	Performance Improvement and Emmission reduction of Internal Combustion Engines using alternative fuels	13-May- 13	17-May-13	IIT Delhi
Academic year 2013-14				
6	Combustion Modelling and Diagnostics	7-Oct-13	11-Oct-13	IIT Indore

	Management of Renewable Energy Technologies	02-Dec-13	06-Dec-13	IIT Delhi
	Enhancement of material properties by nanotechnology	07-Feb-14	08-Feb-14	College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology, Udaipur, Rajasthan.
Academic year 2014-15				
7	Recent Advance in Utilisation of Hydrogen in Internal Combustion Engines	7-Jul-14	11-Jul-14	IIT Delhi
	Use of Design Softwares in Mechanical Engineering	08-Dec-14	19-Dec-14	NITTTR Bhopal
	Certified Cleanroom Professional	01-Apr-2015	04-Apr-2015	ISHRAE Ahmadabad Chapter
	Effective Mentoring of Online Students in Thermodynamics-WME209X	05-Feb-2015	29-Apr-2015	IIT Bombay (online) @ www.iitbombayx.in
	Two Phase flow, Boiling and Condensation: In Conventional and Miniature Systems	01-Jun-15	05-Jun-15	IIT Roorkee
	Computer Aided Product Design	15-Jun-15	27-Jun-15	SSN College of Engineering, Kalavakkam – 603110, Chennai Tamil Nadu, India
Academic year 2015-16				
8	STP: Foundation Training Programme for Class-I officers of Technical Education Department	30-Jun-15	20-Jul-15	Yashwantrao Chavan Academy of Development Management, “YASHADA” Baner Road, Pune
	Advancements in Energy Conservation, Environment Protection and Productivity Enhancement Techniques	28-Sep-15	02-Oct-15	Government College of Engineering, Amravati
	Computer aided product design and development	13-Oct-15	15-Oct-15	Government College of Engineering, Aurangabad
	Pedagogy to Synergogy	07-Dec-15	11-Dec-15	Government College of Engineering, Aurangabad
	Exposure on MATLAB	28-Dec-15	08-Jan-16	National Institute of Technical Teachers Training and Research, Kolkata
	COMSOL Multiphysics CFD and Heat Transfer	21-Apr-16	22-Apr-16	COMSOL, Hinjewadi, Pune
	Bioheat Transfer	06-Jun-2016	17-Jun-2016	IIT Bhubaneswar (GIAN)

Academic year 2016-17				
9	Advancement in Industrial pollution control Techniques	22-Aug-2016	26-Aug-2016	Govt. College of Engineering, Amravati
	Computation and Optimization with MATLAB	26-Dec-2016	06-Jan-2017	NITTTR, Kolkata
	Fuels and Combustion	20-Feb-17	24-Feb-17	GECA in Collaboration With IIT Bombay
	3D Printing: A Disruptive Technology of this Era	20-Mar-17	22-Mar-17	GECA in Collaboration With IIT Bombay
	Computational Fluid Dynamics: Development, Application, Analysis	08-Mar-17	12-Mar-17	GECA in Collaboration With IIT Bombay

Academic year 2017-18				
10	Foundation Programme in ICT for Education	03-Aug-17	07-Sep-17	IIT Bombay (online) @ www.iitbombayx.in Remote Center: MIT College of Engineering, Aurangabad
	Pedagogy for Online and Blended Teaching-Learning Process	14-Sep-17	12-Oct-17	IIT Bombay (online) @ www.iitbombayx.in Remote Center: MIT College of Engineering, Aurangabad
	Engineering Exploration	14-May-18	18-May-18	Center for Engineering Education Research, KLE Technological University, B V B Campus, Vidyanagar,Hubballi-580031
	Mentoring Educators in Education Technology	17-May-18	27-Jun-18	IIT Bombay (online) @ www.iitbombayx.in Remote Center: MIT College of Engineering, Aurangabad

Academic year 2018-19				
11	Introduction To Research	06-Aug-18	28-Sep-18	NPTEL Coordinated by IIT Madras
	Convective Heat Transfer	24-Feb-19	20-Mar-19	NPTEL Coordinated by IIT Madras

Academic year 2019-20				
12	Energy Management and Waste Heat Recovery	29-Jul-19	23-Oct-19	SWAYAM
	Advanced Data Analysis and Decision Making	30-Dec-19	03-Jan-20	VJTI, Mumbai under the agis of PMMMNMTT, MHRD
	Internet of Things	24-Feb-20	28-Feb-20	IIT Bombay and NPIU TEQIP III, Delhi
	I C Engines and Gas Turbines	21-Jan-20	22-Apr-20	SWAYAM
	Digital Transformation in Teaching Learning Process	06-Apr-20	22-Apr-20	IIT Bombay and NPIU TEQIP III, Delhi
	“Machine Learning and Deep Learning Applications in Engineering and Science (MLDLAES-2020)	16-May-20	20-May-20	ONLINE Coordinated by Government College of Engineering, Karad
	Moodle: Learning Management System	27-May-20	31-May-20	ONLINE Coordinated by Aligarh Muslim University and Spokentutorial IIT Bombay
	3 Days Online Workshop on BestPractices of Research Paper writing BPRPW-2020	29-May-20	31-May-20	E4S Quad Editing Services
	Covid-19 Contact Tracing	28-May-20	02-Jun-20	ONLINE Coordinated by Coursera
Academic year 2020-21				
13	Scilab	08-Jun-20	14-Jun-20	AISSMS COE Pune in Association With Spoken Tutorial Project IIT Bombay
	Internet of Things (IoT) using Amazon AWS	13-Jul-30	17-Jul-20	Finland Labs in Association with National Social Summit, IIT Roorkee
	Convective Heat Transfer: Fundamentals and Applications	01-Dec-20	31-Mar-21	SWAYAM and IIT Bombay
	Alternate Fuels	08-Dec-20	12-Dec-20	University College of Engineering, Anna University

	Electric Vehicles	01-Feb-21	05-Feb-21	Veermata Jijabai Technological Institute Mumbai
	Introduction to Uncertainty Analysis and Experimentations	18-Jan-21	12-Mar-21	SWAYAM
	Elements of Solar Energy Conversion	18-Jan-21	09-Apr-21	SWAYAM
	Two Weeks Industrial Training on MATLAB for image processing and DSP	26-Apr-21	10-May-21	NSIC A Government of India enterprise
Academic year 2021-22				
14	Refresher Training Program for Class-1 officers of Higher and Technical Education Department	7-Jun-21	11-Jun-21	Yashwantrao Chavan Academy of Development Management, "YASHADA" Baner Road, Pune
	Advances in Materials processing and characterisation	5-Jan-22	11-Jan-22	DAV Institute of Engineering and Technology, Jalandhar, Panjab
	Product development and Analysis PDA 2022	21-Feb-22	25-Feb-22	Government college of engineering, Aurangabad
	Mechanical Measurement Systems	24-Jan-22	18-Mar-22	SWAYAM
Academic year 2022-23				
	Trends and Challenges in the development of Electric vehicles and Hybrid Electric Vehicles (Series-1)	26-Sep-22	30-Sep-22	Lendi Institute of Engineering and Technology, Vizianagaram, Andhra Pradesh
	Module 1 -Orientation Towards Technical Education and Curriculum Aspects	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 2 -Professional Ethics &Sustainability	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 3 -Communication Skills, Modes& Knowledge Dissemination	1-Oct-22	30-Nov-22	NITTT via SWAYAM

	Module 4 -Instructional Planning and Delivery	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 5 -Technology Enabled Learning& Life Long Self Learning	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 6 -Student Assessment andEvaluation	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 7 -Creative Problem Solving ,Innovation and Meaningful R& D	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Module 8 -Institutional Management &Administrative Procedures	1-Oct-22	30-Nov-22	NITTT via SWAYAM
	Innovation Research and IPR- Journey towards Excellence	1-Mar-23	5-Mar-23	IQAC of Sardar Patel College of Engineering, Mumbai
	Research & Development to Intellectual Property Rights – A Roadmap"	22-May-23	26-May-23	Bajaj Institute of Technology, Wardha In association with Rajiv Gandhi National Institute of Intellectual Property Management, (RGNIIPM) Nagpur

Other Achievements/Activities

- Certified “**ISHRAE Cleanroom Professional-** Introductory level” (April 2015-2020)
- Worked as Primary Evaluator for “**TOYCATHON-2021**” organized by AICTE in collaboration with Ministry of Educations Innovation Cell, Govt. of India.
- Received ‘**Certificate of Excellence from IIT Bombay**’, for being the top performers in 2-week Faculty Development Program on “Foundation program in ICT for Education FDP101x” and “Pedagogy for online and Blended Teaching Learning Process FDP201x”, conducted by Indian Institute of Technology, Bombay.
- Worked as a **mentor for the participants** of FDP201x during the Faculty Development Program “Mentoring educators in Education Technology (FDP301x)” conducted by IIT Bombay, May-July 2018.

- Worked as **First year admission coordinator** for B Tech and M Tech programs for year 2016-17
- University Topper in First year of ME from Shivaji University, Kolhapur during year 2004-05.
- Won First Prize for scoring highest marks in HSC-1998 from Mali Seva Samitee, Amaravati.
- Project “Unconventional Water Heater” completed under my supervision, has been selected for “**DIPEX-2007**” competition.
- Technical paper “Wireless world of Automation” presented by Mr. A R Lande, guided by me, presented at “**PROBE2K9**” 2nd national level technical paper presentation and quiz contest organized by PVPIT, Budhagaon, Sangali, has won first prize.
- Project “Solar Water heater using plastic containers” guided by me during 2015-16 has won the “**Gopalrao Kandlikar Best Project Award**” for year 2015-16.
- Worked as **Assistant Dean, Quality Assurance** during 2017 to 2018.
- Worked as **Departmental Controller of Examinations** for Mechanical Engineering Department from 2014 to 2018.
- Worked as **Training Need Analysis In-charge** for Mechanical Department during TEQIP II and TEQIP III.
- Worked as **coordinator for SAE Baja 2018** and team won first ranking at All India Level and participated in SAE competition at Baja, USA in 2018. Sponsored by AICTE (Rs. 10 Lacs) and GECA (Rs. 25 Lacs).
- Carried out **IRG activities of Testing equipment’s** for Agricultural Development officer, District Council (Zila Parishad) Aurangabad, District social welfare officer, District Council, Aurangabad, and Civil surgeon, Ghati, Aurangabad.
- Worked as a **DTE representative** in Engineering college inspection Committee.
- Worked as **NTA observer** for **NEET UG** 2018, 2021 and 2022
- Worked as **NTA Observer for CMAT and GPAT** 2018
- Worked as **District Liaisoning Officer (DLO)** for MHT-CET (PCM and PCB)
- Worked as **UPSC-2017 exam Center In-charge**.
- Worked as **MPSC Exam coordinator and Center In-charge** for various MPSC examination.

- Worked as **Representative of Joint Director in UGC selection committee** for faculty interviews at Hi-Tech Engineering College, Aurangabad.
- Worked as **Member of Board of Studies** for Mechanical Engineering Department, GECA
- Worked as **Laboratory In-charge** for Engineering and Applied Thermodynamics Laboratory from 2012 onwards
- Worked as **EVM machine trainer** for various elections.
- Worked as **Question Paper setter** for MSBTE, Amravati University, Govt. College of Engineering, Amravati, Karad and Aurangabad.
- Worked as **M Tech Dissertation External Examiner** for Amravati University, S. G. G. S. college of Engineering, Nanded, Govt. College of Engineering Amravati and Prof Ram Meghe Institute of Technology, Badnera.

Expert Sessions:

1. Delivered expert talk on “Solar Thermal Systems” in CEP on “Solar Photovoltaic systems” organized by department of Electrical Engineering, Government College of Engineering, Aurangabad during Jan. 21st to 25th 2018.
2. Delivered expert talk on “Experimental Methods in solar and renewable energy research” in STTP on “Experimental Method in Engineering” organized by department of Mechanical Engineering, Government college of Engineering, Karad under TEQIP III grants during July 5th to 10th, 2021.

Personal Information

Date of Birth: 04th June 1981

Gender: Male

Marital Status: Married

Languages Known: Marathi, Hindi, and English.

Declaration

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

Place: Aurangabad

Date: 27/07/2023