Name: Dr. Ramesh R Lekurwale		**E-mail:** rameshlekurwale@somaiya.edu	
Contact No: 9869369543			
Department/Section: Mechanical Engineering			
College: K J Somaiya College of Engineering			
DOJ Somaiya: 07/01/2009	Career Experience:29 Yrs 11Months	Industry Experience: 1Yr	Teaching Experience: 28 Yrs 11 Months
Present Academic Designation: Professor		Present Administrative Designation: HOD and Director-IQAC_SVU	

Area of research/specialization and Courses Delivered

Research domain/interests/areas

1. Manufacturing Planning and Control
2. Industrial Engineering and Enterprise Resources Planning
3. Operation Research
4. Project Management
5. Engineering Optimization
6. Computer Integrated Manufacturing
7. Computer Aided Manufacturing
8. Medical Device Innovation

Courses Delivered:

1. Quantitative Methods and Computer Applications in Research
2. Research Methodology
3. Engineering Optimization
4. Computational Methods and Quantitative Techniques (Audit Course)
5. Computer Aided Manufacturing
6. Rapid Prototyping and Digital Manufacturing
7. Computational Methods and Quantitative Techniques
8. Computer Aided Machine Drawing
9. Management Decision Making
10. Machine Drawing
11. Production Process-III
12. Manufacturing Planning and Control
13. Production Planning and Control
14. Industrial Engineering and Enterprise Resources Planning
15. Engineering Mechanics
16. Engineering Drawing
17. Basic Work-Shop Practice

Recognition as a teacher by any University	UG: Yes	PG: Yes	Ph.D : Yes

Details of Recognitions

18. Lecturer: CONCOL/SA/1587/2009 date: 01/04/1997 (University of Mumbai)

    CONCOL/SA/730/2011 date: 07/01/2009 (University of Mumbai)

19. Associate Professor:

    TAAS(CT)/ICD/2018-19/2268, Dated:22/01/2019w.e.f.16/12/2017(University of Mumbai)

20. Professor:

SVU/R/APP/KJSCE/20-21/09/Dated 28/12/2020 w.e.f 01/07/2019

21. PG Teacher Approval: No. PG/I.C.D./2012-13/4246 (University of Mumbai)
22. Ph.D Teacher Approval: No. PG/I.C.D./2015-16/6431 (University of Mumbai)
23. Ph.D Teacher Approval: Somaiya Vidyavihar University, March 2020

Education

Examination	Name of the Degree	University/Board	Institute/College	Year	CPI/SPI/ %Marks
Ph.D	Ph.D. (Production Engineering)	University of Mumbai	V.J.T.I. Matunga, Mumbai-400019.	2015	Awarded
PG	M. Tech (Mechanical Engineering)	Indian Institute of Technology Bombay, Powai, Mumbai	Indian Institute of Technology Bombay, Powai, Mumbai	2001	7.69/10
UG	B.E. (Production)	Marathwada University	SGGSCE&T, Nanded	1993	61.93%

Notable Experience Details

Sr. No	Name of the organization	Designation	Date of Joining	Date of Leaving	Experience (Years)
1.	K. J. Somaiya College of Engineering, Vidyavihar-77	Professor	8-5-2018 till date	Presently Working	14 years and 8 months
		Associate Professor	1st January 2012 to 7-5-2018		
		Lecturer (Selection Grade)	7th January 2009 to 31st December 2011		
2.	Shah and Anchor Kutchhi Engineering College, Chembur Mumbai	Lecturer (Selection Grade)	1-7-2007	6-1-2009	14 years and 3months
		Lecturer (on probation)	w.e.f 2-4-1996		
		Lecturer (on Adhoc)	1-10-1994 to 1-4-1996		
3.	Electron-fab Engineering Pvt. Ltd. SEEPZ Andheri (East) Bombay 400096	Mechanical Engineer	01/10/1993	06/061994	07 Months
4.	Bombay Forgings Limited, Kalina Bombay	Trainee Engineer	1st July 1994	29th September 1994	03 Months

Research Accomplishments and Projects

No of students pursuing Ph.D as on date:03		No of students completed Ph.D as on date:02
No of students completed PG thesis / Project work as on date: 14+		No of students / groups completed UG projects as on date:20+
Publications Total: 50	Number of Peer review Journal papers: 25	Number of Conference papers: 25
Details of Publications:		

International Journals

1. Kavita Kumari Thakur, Ramesh Lekurwale, Sangita Bansode, Rajesh Pansare "Optimization and Characterization of 3D bioprintable Alginate and Hydroxyapatite based Biomaterial Ink" Journal of The Institution of Engineers (India): Series C (IEIC) (Under review)
2. Sanket Tanpure, Ashish Phadnis, Taral Nagda, Chasanal Rathod, Rohan Kothurkar, Ajay Chavan, Ramesh Lekurwale."Unraveling the gait dynamics - A comparative study of iASSIST and conventional total knee replacement techniques in osteoarthritic elderly patients" Journal of Clinical Orthopaedics and Trauma Volume 55, August 2024 https://doi.org/10.1016/j.jcot.2024.102524, publisher **Elsevier**
3. R.Kothurkar, Ramesh Lekurwale et al. "Prediction of Joint Moments from Kinematics Using Learning in Children with Congential Talipes Equino Varus and Typically Developing Peers,"J. of Ortho., June 2024, Doi 10.1016/J.JOR.2024.06.016. publisher **Elsevier**
4. Thakur Kavita Kumari, Lekurwale Ramesh, Bansode Sangita, & Pansare Rajesh (2023). Bioprinting: A systematic literature review for future research direction. Indian Journal of Orthopaedics. Indian Journal of Orthopaedics. https://doi.org/10.1007/s43465-023-01000-7.
5. R. Kothurkar, **R. Lekurwale**, M. Gad, and C. M. Rathod, "Finite element analysis of a healthy knee joint at deep squatting for the study of tibiofemoral and patellofemoral contact," J. Orthop., vol. 40, pp. 7–16, Apr. 2023, doi: 10.1016/J.JOR.2023.04.016. **Publisher: Elsevier**
6. R. Kothurkar, **R. Lekurwale**, M. Gad, and C. M. Rathod, "Estimation and Comparison of Knee Joint Contact Forces During Heel Contact and Heel Rise Deep Squatting," Indian J. Orthop., vol. 57, no. 2, pp. 310–318, Dec. 2022, doi: 10.1007/S43465-022-00798-Y. **Publisher: Springer**
7. Kothurkar R, Lekurwale R. Techniques to determine knee joint contact forces during squatting: A systematic review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine. 2022;236 (6):775-784. Publisher – **SAGE doi:10.1177/09544119221091609.**
8. Sachin Shinde, Ramesh Lekurwale,Kiran Bhole, Ankit Oza, Amit Patil, R. Ramesh (2022), On Efficient Electrode Design and Manufacturing Techniques for Hot Die Steel Inserts, International Journal on Interactive Design and Manufacturing (IJIDeM) https://doi.org/10.1007/s12008-022-00994-y https://www.webofscience.com/wos/woscc/full-record/WOS:000840602500001
9. Sachin M. Shinde, Ramesh R.Lekurwale, Kiran S. Bhole, Ankit D. Oza, Amit Patil, (2022), "5-axis Virtual Machine Tool Centre Building in PLM Environment", International Journal on Interactive Design and Manufacturing, **(Springer** Publication) https://doi.org/10.1007/s12008-022-00974-2
10. Sachin Manohar Shinde, **Ramesh R Lekurwale** (2022) "Radial stiffness computation of single Archimedes spiral plane supporting spring loaded in flexural mechanism mounted in spindle head of micro drilling machine tool" Mechanics Based Design of Structures and Machines (**T&F** Publication), Publication Date: 2022/2/10, Page No. 1-21 .
11. Sachin Manohar Shinde, Ramesh R. Lekurwale (2021) "Design and Development of 3 Leg Spiral Curve Flexural Cartridge for Micro Drilling Spindle Head - A Novel Mechanism" International Journal of Mechatronics and Manufacturing Systems 14 (1), 55-83 (**Inder science** Publication-Published on 29 May 2021)
12. Sachin Manohar Shinde, Ramesh R. Lekurwale (2021) "Synthesizing of Flexural Spindle Head Micro Drilling Machine Tool in PLM Environment" Int. J. of Virtual Technology and Multimedia 10040194 Dec 2021, DOI:10.1504/IJVTM.2021.10040194, (**Inderscience Publication)**
13. Sachin Manohar Shinde, Ramesh R. Lekurwale (2020) "Experimental and numerical investigation of difference in diameter enlargement and circularity of micro-holes drilled by flexural spindle head" Journal of Micro manufacturing, Volume 12, Issue 7, Dec 2020 DOI: 10.1177/2516598420964049 (Sage Publication)
14. Basavraj Gadagi and Ramesh Lekurwale (2020) "A review on advances in 3D metal printing"

Materials Today: Proceedings (Elsevier Publication), Volume 45, Part 1, 2021, Pages 277-283, https://doi.org/10.1016/j.matpr.2020.10.436

15. Ramesh Lekurwale and N.R.Gilke (2017) "Outcome based education- A cased Approach" Journal of Engineering Education Transformations (JEET) , Volume 30, No. 3, January 2017, ISSN 2349-2473, eISSN 2394-1707. DOI 10.16920/jeet/2017/v30i3/110607
16. Srishti Sharma, Ramesh R. Lekurwale, Amith Masade, (2015) "Design Procedure of An Electrohydraulic Drive", International Journal of Research in Engineering and Technology, ISSN **2278-0181** Vol. 4, No. 6, pp. 242-247.
17. Ramesh R. Lekurwale, D. N. Raut, and Milind M. Akarte, (2015) "Framework to Evaluate Manufacturing Capability Using Analytical Hierarchy Process" International Journal of Advanced Manufacturing Technology, Vol. 76, No. 1-4, pp. 565-575. (Published by **Springer-Verlag London)**, **Impact Factor 2013, 1.779**, DOI: 10.1007/s00170-014-6284-7).
18. Ramesh R. Lekurwale, and D. N. Raut, (2014) "A Case Base Approach for Evaluation of Manufacturing Effectiveness of a Firm Using Analytical Hierarchical Process", International Journal of Supply and Operation Management, **ISSN**: 2383-2525,Vol. 3, No. 2, pp, 63-69.
19. Ramesh R. Lekurwale, and D. N. Raut, (2014) "Manufacturing Capability Evaluation in a Job Shop Production System: A Case Base Approach" International Journal of Engineering Research & Technology, Vol. 3, No. 4, pp-576-584.
20. Prasanna. P. Raut and Ramesh R. Lekurwale, (2014) "Evaluation of Competitive Priorities of Manufacturing System," International Journal of Engineering Research & Technology, Vol. 3, No. 08, pp. 1325- 1331.
21. Kapil Manoharan and Ramesh R. Lekurwale (2014), "Design and Development of a micro-mixer-reactor for a LoC application", International Journal of Advances in Science Engineering and Technology, Vol- 2, No.- 4, pp. 47-50.
22. Pratik Soni and Ramesh Lekurwale (2014), "Complete Automation of Machining Cycle For A Particular Object and The Algorithm" Proceedings International Journal of Mechanical And Production Engineering, Volume- 2, Issue-8, Aug.-2014, pp, 4-7

National Journals:

1. Sachin Shinde and Ramesh R. Lekurwale (2019) "Behavioural Study of Spiral Flexure Disc by Design of Experiments and Contour Plots", Industrial Engineering Journal**,** ISSN - **0970-2555** Vol. VII, No. 8, pp-05-10.
2. Ramesh R. Lekurwale, D. N. Raut, and B. E. Narkhede (2014) "World class manufacturing in make to order environment – A review of literature", Industrial Engineering Journal**,** Vol. VII, No. 5, pp-09-16.

Conferences:
International Conferences:

1. R. Kothurkar, R. Lekurwale, and R Pansare, "Exploring the correlation between knee flexion moment and joint contact force during squatting activity", in International Conference on Technologies for Energy, Agriculture, and Healthcare, 2024, Held at K. J. Somaiya College of Engineering
2. R. Kothurkar, R. Lekurwale, and M. Gad, "Comparison of Methods for Predicting Muscle Activations and Knee Joint Contact Forces During Squatting Using OpenSim," in Proceedings of International Conference (Date of Conference: 19th of November 2022.) on Intelligent Manufacturing and Automation, 2023, pp. 533–540, doi: 10.1007/978-981-19-7971-2_51. Publisher**: Springer**
3. Sachin M. Shinde Ramesh R. Lekurwale, Kiran Bhole (2022) "Efficient Electrode Design and Manufacturing Techniques Applied on Aluminium Die Casting Inserts" International Conference On Advances In Mechanical Engineering (ICAME 2022) SRM Institute of Science and Technology Mar 2022

4. Sayali Patkar and Lekurwale R.R. (June-2019), "Review on Gait Analysis Techniques", International Conference on Recent Innovations in Science, Engineering and Technology. 19th June 2019 Pune.
5. Thete P.V., Lekurwale R.R. (2019) Application of Discrete-Event Simulation to Increase Throughput of Manufacturing System—A Case Study. In: Vasudevan H., Kottur V., Raina A. (eds) Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering. Springer, Singapore, DOI:https://doi.org/10.1007/978-981-13-2490-1_49, Print ISBN978-981-13-2489-5, Online ISBN978-981-13-2490-1, pp 531-539
6. Jadav S.M., Lekurwale R.R. (2019) Effect of Process Parameters While Machining Using Abrasive Jet Machine (AJM). In: Vasudevan H., Kottur V., Raina A. (eds) Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering. Springer, Singapore, DOIhttps://doi.org/10.1007/978-981-13-2490-1_53, Print ISBN978-981-13-2489-5, Online ISBN978-981-13-2490-1, pp 575-581
7. N.R.Gilke and Ramesh Lekurwale (2018), "Engineering education Research: Current Trends", International Conference held abroad (India): Fourth International Conference on Transformations in Engineering Education, 7-January 2018, Madurai Pg.1-4, .ISSN 2349-17
8. Shinde, Sachin M. and Lekurwale, Ramesh R., Parametric Mathematical Modelling and Aspect Ratio Optimization of Eccentric Spiral Profile Flexural Bearing Through Finite Element Analysis Studies (December 21, 2017). International Conference on Advances in Thermal Systems, Materials and Design Engineering (ATSMDE2017). Available at SSRN(Elsevier): https://ssrn.com/abstract=3101366 or http://dx.doi.org/10.2139/ssrn.3101366
9. Rajesh Pansare and Ramesh Lekurwale, (2018), "Selection of manufacturing process parameters using DoE", International Conference held abroad (India): Int. Conf. on Advances in science, tech and Engg, A.P Shah Institute of Technology
10. Sagar Talele and Ramesh Lekurwale (2017), "Different actuation mechanism for end effector of laparoscopic surgery instrument," Int. Conf. on manufacturing and industrial engineering, JNEC Aurangabad, Page 52
11. Pankaj Shelar and Ramesh R. Lekurwale (2016) "Selecting Appropriate Cutting Tool Inserts for Turning Using Analytical Hierarchical Process and Weighted Product Method" International Conference on Computer Science and Mechanical Engineering (ICCSME) Pune on 3/4/2016.
12. Ramesh R. Lekurwale, , Milind M. Akarte, and D. N. Raut, (2013) "Measurement of Manufacturing Effectiveness of a Company Using Analytical Hierarchical Process: A Case Study" Proceeding of The IEEE International Conference on Industrial Engineering and Engineering Management (IEEM), 10-13 Dec 2013, Bangkok, Thailand DOI: 10.1109/IEEM.2013.6962680, pp. 1602 - 1606. (Published in IEEE Xplore digital library)
13. Ramesh R. Lekurwale, , Milind M. Akarte, and D. N. Raut, (2013) "Decisions in High Volume Low Variety Manufacturing System" , Proceedings of the International Conference on Advanced Engineering Optimization Through Intelligent Techniques (AEOTIT), S.V. National Institute of Technology, Surat – 395 007, Gujarat, India. July 01-03, 2013,pp. 300-304.
14. Ramesh R. Lekurwale, D. N. Raut, and Milind M. Akarte, (2012) "Decisions in manufacturing strategy for competitive advantages: A review" , International Conference on Recent Advances in Engineering, Technology, and Management, Sardar Patel College of Engineering, Andheri, Mumbai, 31st May- 2nd June, 2012, pp. 260-267.
15. Ramesh R. Lekurwale, G. V. Shah, S. Ruparel (2011) "Life Cycle Issues in Product Design and Manufacturing" International Conference on Sustainable Manufacturing : Issues, Trends, and Practices. BITS Pillani, November 10-12. pp. 105-109.

National Conferences:

1. Sachin M. Shinde and Dr. Ramesh R. Lekurwale (2018) "Behavioural Study of Spiral Flexure Disc by Design of Experiments and Contour Plots" National Conference on Industrial Engineering & Technology Management (NCIETM 2018), NITIE Mumbai - Dec 18.
2. Anurag Tagare and Ramesh Lekurwale, (2018), "Design and development of safer Craintone for

skull cutting", 3nd National Conference on Recent Trends In Mechanical Engineering at Walchand College of Engineering) on 21st and 22nd June 2018, ISSN/ISBN No. . 978-81-931546-9-4

3. Vinayak Lohar and Ramesh Lekurwale, (2018), "Design and development of smart Dermatoscope" 3nd National Conference on Recent Trends In Mechanical Engineering at Walchand College of Engineering) on 21st and 22nd June 2018, ISSN/ISBN No. . 978-81-931546-9-4
4. Mitesh Gada, Nehal Patankar and Ramesh Lekurwale (2018),"Optimization of layout of Boggy shop using flexsim" 3nd National Conference on Recent Trends In Mechanical Engineering at Walchand College of Engineering) on 21st and 22nd June 2018, ISSN/ISBN No. . 978-81-931546-9-4
5. Momin Shumeel Ansar Siraj Ahmad and Lekurwale R.R. "Design And Fabrication Of Abrasive Jet Machine For Machining Glass Using Sea Sand" Proceedings of 2nd National Conference on Recent Trends in Mechanical Engineering (NCRTME– 2017),ISBN: 978-81-931546-5-6, pp 269-273.
6. Achalkar A.S and Lekurwale R.R. "Optimization Of Wire-Cut Electric Discharge Machining Process Parameter For Inconel 718 Using Grey Relational Analysis" Proceedings of 2nd National Conference on Recent Trends in Mechanical Engineering (NCRTME– 2017),ISBN: 978-81-931546-5-6, pp 263-268.
7. Ansari Anwaar e Mustafa and Lekurwale R.R. "Use Of Smart Material For Biomedical Application" Proceedings of 2nd National Conference on Recent Trends in Mechanical Engineering (NCRTME– 2017),ISBN: 978-81-931546-5-6, pp 310-314.
8. Participated in Agricon-2016-Conference on Precision Agriculture Technology organized by Tamilnadu Development and Promotion Center of Confederation of Indian Industry (CII) on 4-3-2016 at Chennai.
9. Prasanna. P. Raut and Ramesh R. Lekurwale, (2014), "Study of Various Manufacturing Strategy Objects and Manufacturing Practices", Proceedings of National Conference on Challenges and Opportunities for Production and Industrial Engineering, VJTI, Mumbai.
10. Kapil Manoharan and Ramesh R. Lekurwale, (2014), "UV curable adhesive NOA61 bonding strength study for Lab on Chip application", Proceedings of National Conference on Challenges and Opportunities for Production and Industrial Engineering, VJTI, Mumbai
11. Ramesh R. Lekurwale, (2010), "Recent Trends of The Implant Material", National Conference on Materials Science, Trends and Future, at Vidyabharati College, Amravati.

Orcid Id: 0009-0009-4101-9043, **Scopus Id:** 56436699200, **Researcher Id(WebSci):** AFU-1741-2022, **Google Scholar Id:** B0_CB28AAAA

Books/Book Chapters

Nil

Patents/Copy Rights:

1. Patent **Granted**: "A MICRO DRILLING SPINDLE HEAD ENABLED WITH THREE LEG SPIRAL FLEXURAL CARTRIDGE" Date of filing: 26/11//2021, Patent Number:499898, Application No.202121054841 A, The Patent Office Journal No. 50/2021 Publication Date 10/12/2021, Granted on 16-01-2024 for the term of 20 years from the 26th day of November 2021 in accordance with the provisions of the Patents Act,1970 by The Patent Office, Government Of India.
2. Patent **Granted** "A SUTURE DEVICE" Patent Number: 459434, Application number 202021042959, Date of Filing 02/10/2020, Granted on 16/10/2023 for the term of 20 years from the 2nd day of October 2020 in accordance with the provisions of the Patents Act,1970 by The patent office Government of India.

No of Research / consultancy / projects completed:	No of Research / consultancy / projects on-going:	No of Research / consultancy / projects on applied as on date:

Rs: 40,000/-	Rs: 1135000	Rs:---

Details of Research / consultancy / projects:
Completed:

1. Received Minor research Grant of Mumbai University Rs. 40,000 dated 17/03/2020 (2019-20) APD/ICD/2019-20/762 for Development of **"Automatic Guided Machine For Physiotherapist Exercise"**
2. Design and development of a Physical Working Prototype to showcase an optimized algorithm and software for Mapping Elevation (Geo-referencing) using Swarm of Autonomous UAVs (Drones**) (Co-Investigator)** Rs 10.95 lakhs (approved) NESAC-ISRO, April 2019

On-going: 01
Applied: Nil

IPR/ Copyrights: Nil

FDPs/Seminars/Workshops/Training Programs Attended/ Organized/ Delivered

Attended

1. NPTEL course Completed on Modelling of Manufacturing Processes from July-November 2019, IIT Madras
2. NPTEL course Completed on Design and Analysis of Experiments, Jan-April 2018 (12 weeks) , IIT Kharagpur
3. Academic Audit For effective Curriculum Implementation and Evaluation, NITTTR Bhopal (NITTTR Pune Centre) 18-12-2017 to 22-12-2017 (one week)
4. Two day AICTE Sponsored seminar on "Industrial Internet of Things (IIoT) Indian Context" at Department of Industrial Engineering and Management, R.V. College of Engineering, from 10-11 November 2017
5. CEP Workshop on "3D Printing" in IIT Bombay During August .22-23,2016
6. Attended a one day work shop on "Rapid Manufacturing and its Applications" held on February 27, 2016 at AMCE, NITIE, Mumbai.
7. Completed one week training (in the month of January 2015) on Solidworks design, Validation software and MasterCAM for Solidwoks at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai.
8. Attended a work shop on NBA's Outcome Based Accreditation at K. J. Somaiya College of Engineering, Vidyavihar, Mumbai. (Phase I – June 7, 2014; Phase –II June 25-27, 2014).
9. Two days workshops on "Practice Leaders Forum" organized by National Institute of Industrial Engineering (NITIE) and Production and Operations Management Society (POMS), USA on 23-12-2013 to 24-12-2013.
10. Three days Workshop on "Scientific /Research Paper Writing" organized by The National Academy of Science, India (NASI) on 8 -10 June, 2012 at Central Institute of Fisheries Education – CIFE, Mumbai.
11. Two weeks workshop on "Introduction to Research Methodologies", by Indian Institute of Technology Bombay 25 -06-2012 to 4 -07-2012, which was held under the National Mission on Education through ICT (MHRD).
12. Two days ISTE Workshop on "Writing Effective Conference Papers" conducted by Indian Institute of Technology Bombay 18- 19 February, 2012, which was held under the National Mission on Education through ICT (MHRD)
13. Two days ISTE Workshop on "Aakash for Education" conducted by Indian Institute of Technology Bombay on 10- 11 November, 2012, which was held under the National Mission on Education through ICT (MHRD)
14. One week AICTE Sponsored staff development programme on "Advances in the Manufacturing and Micromachining Techniques" at VJTI, Mumbai on 14-11-2011 to 18-12-2011.
15. One week Training programme on "ANSYS CAE 12.1" at VJTI, Mumbai 13-12-2010 to 18-12-2010.

16. One week Short term training programme sponsored by AICTE –ISTE on "Computer graphics for Mechanical Engineering" at Nirma University Ahmadabad held during 16-06-2008 to 21-06-2008.
17. One week Training on "Autocad 2008" conducted by ADCC Infocad pvt ltd and organized by Thadomal Shahani Engineering College Bandra, Mumbai held during 15-01-208 to 19-01-2008.
18. Two week short term training programme approved by ISTE on "Computer aided solutions for engineering applications" conducted by D. J. Sanghvi College of Engineering, Vile Parle (W) Mumbai, held during 11-12-2006 to 22-12-2006.
19. Completed a certificate course on "Maharashtra State Certificate in Information Technology" (MS-CIT) in July-2005.
20. Two weeks State Level Staff Development Programme on "Special Methods of Teaching Engineering. Mechanics" organized by National Institute of Technical Teachers Training and Research (NITTTR), Bhopal in Collaboration with Rajiv Gandhi Institute of Technology , Versova, Mumbai supported by Director of Technical Education, Maharashtra from 20-12-2004 to 31-12-2004.
21. One day "Orientation course in subject of Engineering Drawing" conducted by Department of Mechanical Engineering, Sardar Patel College of Engineering, Munshi Nagar, Andheri (West) , Mumbai 400058 on 05-04-2002.
22. Completed "Aptech Certified Global Skills on C and C++" on 22/06/2001.
23. One day seminar on "Renewable Energy Sources" organized by ISTE Chapter, K. J. Somaiya College of Engineering and Department of Mechanical Engineering conducted on 24-02-2001.
24. One week QIP short term Course on "Engineering Optimization" conducted by Indian Institute of Technology Bombay during 05-06-2000 to 09-06-2000.
25. One day seminar on "Emerging Trend In Dimensional Metrology And Statistical Process Control" conducted by Department of Mechanical Engineering, Sardar Patel College of Engineering, Munshi Nagar, Andheri (West) , Mumbai 400058 and sponsored by Baker Gauges India Limited on 23-01-1999.
26. Three week "Induction Training Programme for Engineering Teacher's" conducted at Vishwakarma Institute of Technology Pune, sponsored by AICTE Delhi, and approved by ISTE, Delhi from 30-11-1998 to 18-12 1998.

Organized:

1. Medical Device Hackathon (2023) on 20 and 28th May 2023 at K. J. Somaiya College of Engineering Vidyavihar, Mumbai in Collaboration with IITB
2. Medical Device Hackathon (2023) on 14th and 28th May 2022 at K. J. Somaiya College of Engineering Vidyavihar, Mumbai in Collaboration with IITB
3. Medical Device Hackathon (2018) on 7-8 July 2018 at K. J. Somaiya College of Engineering Vidyavihar, Mumbai in Collaboration with IITB
4. Medical Device Hackathon (2017) on 14-16 July 2018 at K. J. Somaiya College of Engineering Vidyavihar, Mumbai in Collaboration with IITB
5. ISTE Approved short Term Training Programme Conducted on "Renewable Energy Systems and Technology" at K. J. Somaiya College of Engineering Vidyavihar, Mumbai on 29/06/2009 to 03/07/2009.
6. University of Mumbai Approved short Term Training Programme Conducted on "Manufacturing process and system: An IT perspective" at K. J. Somaiya College of Engineering Vidyavihar, Mumbai on 06/07/2009 to 10/07/2009.

Delivered:

1. "Ph.D Admission process" organized by ISTE, KJSCE chapter on 17-3-2012
2. "How to write a technical paper" organized by SAE, KJSCE chapter on 24-3-2015.
3. "Fundamentals of manufacturing strategy" at IIIE Belapur on 17-8-2015.
4. "Decision analysis in operation research" in Department of Computer Engineering at K. J. Somaiya College of Engineering Vidyavihar, Mumbai on 1-4-2016

Notable Key Scholastic Achievements	
1.	Availed an UGC travel grant (File No. 6-412/2013 (TG)) of Rs. 82,803 dated 06/12/2014 for presenting an a research paper in IEEE international conference at **Bangkok, Thailand**
2.	

Notable Positions and Responsibility	
1.	Director IQAC Somaiya Vidyavihar University w.e.f. September 2021
2.	

Date: 08/09/2024 **Signature of Faculty Member**

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