



Shri Vile Parle Kelavani Mandal's
Dwarkadas J. Sanghvi College of Engineering
Autonomous College Affiliated to the University of Mumbai
NAAC Accredited with "A" Grade (CGPA: 3.18)



Department of Mechanical Engineering

(Accredited by NBA)

ACADEMIC REPORT AY 2022-23



Editors:

Dr. K. N. Vijaya Kumar

Dr. Ramesh Rajguru

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DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To create academic excellence by developing competent mechanical engineers, capable of facing global challenges, with human values and skills for research and sustainable development.

MISSION

1. To impart fundamental concepts of basic sciences and allied areas of engineering and technology.
2. To enable students, to develop into competent engineering professionals.
3. To promote research activities.
4. To promote interaction and involvement with professional bodies and industries
5. To inculcate soft skills and professional ethics and mold students as socially responsible citizens.
6. To promote exposure to green technology for sustainable growth and development.

PROGRAM EDUCATIONAL OBJECTIVES

1. To prepare students with a sound engineering knowledge and a multi-disciplinary approach.
2. To enable students, to innovate, design and develop engineering systems using modern engineering practices and tools.
3. To motivate students, to interact with industry and professional bodies and participate in various professional activities.
4. To develop logical approach, analytical thinking and problem solving capabilities in students & facilitate them to undertake research/project work.
5. To impart training in soft skills and value education.

PROGRAM SPECIFIC OUTCOMES

1. Students will acquire analytical and application skills, specifically in areas of mechanical design, thermal engineering and manufacturing systems.
2. Students will be able to explore various methodologies & software and select appropriate process to bring about improvements.
3. Students will acquire soft skills, value education and competency in pursuing higher studies and finally lead a professional career while working in a global environment.
4. Students will be exposed to green technology and develop inter-disciplinary skills in mechanical systems.

ABOUT THE DEPARTMENT

- Department of Mechanical Engineering instituted in the year 2011 with undergraduate (BE) and post graduate (ME) programs permanently affiliated to the University of Mumbai.
- The department is accredited by National Board of Accreditation (NBA) for a period of three years with effect from the Academic Year 2018-19.
- The department has Ph.D. (Technology) program since 2013, which is affiliated to the University of Mumbai.
- Intake- B.Tech : 180, M.Tech : 18, Ph.D. : 20
- The department runs four professional student chapters viz. SAE, ISME, ISHRAE and RAS which help to enhance the skills of the student and also to add value in the process of acquiring knowledge.

ADMINISTRATION

Dr. Hari Vasudevan
Professor & Principal

Dr. K. N. Vijaya Kumar
Professor & Head

TEACHING STAFF

Dr. Atul Dhale
Professor

Dr. Vinayak Khatawate
Associate Professor

Dr Sanjeev Thool
Assistant Professor

Dr. Meeta Gandhi
Assistant Professor

Prof. Prasad Shiroadkar
Assistant Professor

Prof. Vyankatesh Bagal
Assistant Professor

Prof. Rajnarayan Yadav
Assistant Professor

Prof. Prashant R Patankar
Assistant Professor

Prof. Dhaval Birajdar
Assistant Professor

Prof. Vinit Katira
Assistant Professor

Prof. Rohit Chaurasia
Assistant Professor

Dr. Ramesh R Rajguru
Assistant Professor

Prof. Pavan Rayar
Assistant Professor

Prof. Bronin Cyriac
Assistant Professor

Prof. Greegory Mathew
Assistant Professor

Prof. Ravikant Hattale
Assistant Professor

Prof. Kartik Ajugia
Assistant Professor

Dr. Shashikant Auti
Assistant Professor

Prof. Sachin Kamble
Assistant Professor

Prof. Avadhut Samant
Assistant Professor

Prof. N. C. Deshpande
Assistant Professor

NON-TEACHING STAFF

Mrs. Vaishali Joshi
Lab. Assistant

Mr. Suresh Mohite
Lab. Attendant

Mr. Gaurav Sapte
Lab. Assistant

COMMITTEES

SAE

Prof. Rajnarayan Yadav
Prof. Vinit Katira
Prof. Rohit Chaurasia
Dr. Shashikant Auti
Prof. Ravikant Hattale

ISME

Dr. Ramesh Rajguru

ISHRAE

Prof. Vyankatesh Bagal
Prof. Dhaval Birajdar

RAS

Prof. Pavan Rayar

TIME-TABLE COMMITTEE

Prof. Vyankatesh Bagal
Prof. Rohit Chaurasia

PLACEMENT COORDINATOR

Prof. Rohit Chaurasia

EXAM COORDINATOR

Prof. Dhaval Birajdar
Prof. Karthik Ajugia

U. G. COORDINATOR

Prof. Bronin Cyriac

P. G. COORDINATOR

Prof. Gregory Mathew

Prof. Gregory Mathew
Prof. Bronin Cyriac
Prof. Dharam V. Ranka
Dr. Ramesh Rajguru
Prof. Prashant Patankar

PROJECT COMMITTEE

Prof. Vinit Katira
Dr. Ramesh Rajguru

NBA COMMITTEE

Prof. Prashant Patankar- PC
Prof. Rajnarayan Yadav

NAAC COMMITTEE

Prof. Prashant Patankar

CURRICULUM COORDINATOR

Dr. Atul Dhale

Ph.D. COORDINATOR

Dr. Vinayak Khatawate

F.E. COORDINATOR

Dr. Vinayak Khatawate
Prof. Prasad Shirodkar

CULTURAL COMMITTEE

Prof. Ravikant Hattale

SPORTS COMMITTEE

Dr. Ramesh Rajguru

ALUMNI COORDINATOR:

Dr. Shashikant Auti

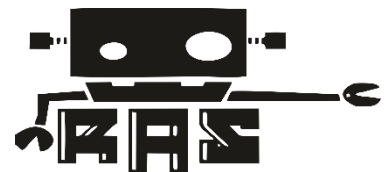
WORKSHOPS/ CONFERENCE ORGANIZED BY THE DEPARTMENT

Sr. No.	Date	Name of Activity/event	Details in 2-3 lines
1	18 th and 19 st November 2022	International Conference on Intelligent Manufacturing and Automation	International Conference on Intelligent Manufacturing and Automation was held on 18 th and 19 st November 2022. About 119 research articles were submitted for the conference. After a thorough review process comprising of 27 eminent academicians and industrialists, 69 papers were finally accepted to be presented at the conference.
2	18 th March 2023 to 2 nd April 2023	VAP course on MATLAB Mechanical applications.	Dr. Suhas Deshmukh, 20 students participated.

STUDENT CHAPTERS

Department of Mechanical Engineering organizes various co-curricular activities in-line with its vision of creating competent Mechanical Engineers capable of facing global challenges. The Department motivates students to participate in various national and international competitions and exhibit proficiency. By creating a competitive ambience exclusively suited for their development, the department inspires students to push their limits. This year too, students brought accolades to the department by winning awards in competitions of International and National repute. Under the guidance of the Head of Department Dr. K N Vijaya Kumar and faculty members, the future engineers of DJSCE are set to make a difference to the society.

The various student chapters of SAE, ISME, ISHRAE and RAS regularly organizes Seminars, Workshops and Guest Lectures to motivate students to go beyond the university curriculum and to create awareness about the trending developments in the Mechanical field. Following is a brief description of activities conducted by various Student Chapters.



ACHIEVEMENTS



FORMULA BHARAT 2022

- 4th Overall Rank
- 2nd Business Plan
- 3rd Cost Event
- 5th Design Event

FORMULA BHARAT 2023

- 5th Overall Rank
- 2nd Cost Event
- 5th Design Event





FOURTH E-BAJA SAE INDIA 2022

- 1st Overall Virtual Dynamic
- 2nd CAE Award
- 1st Suspension and Traction
- 3rd Cost Report

M-BAJA SAE INDIA 2022

- 9th Overall Rank
- 8th Suspension and Traction

E-BAJA SAE INDIA 2023

- 2nd Sales Report

M-BAJA SAE INDIA 2023

- 4th CAE
- 4th Cost Report





INDIAN KARTING CHAMPIONSHIP 2023

EV: 2nd OVERALL



INDIAN DRONE RACING LEAGUE, IIT KANPUR, 2023

- 2nd Overall Rank

COEX-2023

- 2nd position worldwide





SAE AERO DESIGN WEST 2023, TEXAS

MICRO CLASS

- Design Report - 1st Worldwide
- Mission Performance – 6th Worldwide
- Technical Presentation - 5th Worldwide
- Overall - 5th Worldwide

REGULAR CLASS

- Design Report – 1st Worldwide
- Overall – 9th Worldwide





ELECTRIC-SOLAR VEHICLE CHAMPIONSHIP 2023

- Overall Rank 6th



- The Indian Society of Manufacturing Engineers (ISME) hosted an event DJ NIRMITI 2023 for students of all branches.



PERFORMANCE IN END SEMESTER EXAMINATIONS

S.E. SEM IV

RESULT ANALYSIS OF MAY 2023 EXAMINATIONS

No. of Students Appeared	121
No. of Students Passed	15
Percentage Result	87.60%
CGPA	No. of Students
10	NIL
≥ 9	11
< 9 and ≥ 8	29
< 8 and ≥ 7	29
< 7 and ≥ 6	25
< 6 and ≥ 5	12
Failed	15

T.E. SEM VI

RESULT ANALYSIS OF MAY 2023 EXAMINATIONS

No. of Students Appeared	130
No. of Students Passed	118
Percentage Result	90.76%
CGPA	No. of Students
10	NIL
≥ 9	3
< 9 and ≥ 8	27
< 8 and ≥ 7	46
< 7 and ≥ 6	30
< 6 and ≥ 5	12
Failed	12

B.E. SEM VIII

RESULT ANALYSIS OF MAY 2023 EXAMINATIONS

No. of Students Appeared	138
No. of Students Passed	138
Percentage Result	100%
CGPA	No. of Students
10	NIL
≥ 9	35
< 9 and ≥ 8	69
< 8 and ≥ 7	24
< 7 and ≥ 6	10
< 6 and ≥ 5	-
< 5 and ≥ 4	-
Failed	NIL

PLACEMENTS



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Department of Mechanical Engineering Placement 2023 update

Sr.No	Company	CTC (LPA)	No Of Students Placed
1	Quantiphi	9.5	2
2	Aspri	9	1
3	Fractal Analytics	8.58	1
4	GEP	8	1
5	TresVista	8	4
6	Edelweiss	8	1
7	Neo grop	8	1
8	LTI	6.5	1
9	HDFC	6.32	1
10	Avalon Global Research	6.2	1
11	Godrej & Boyce	6.2	7
12	Alpha Alternatives	6	2
13	L&T	6	5
14	TASL	5.5	4
15	Gandhi Automation	5.5	1
16	JSW	5.5	1
17	Avniro Engati	5.33	1
18	Nerolac	5.25	1
19	Worley	5.12	1
20	Siemens	5	1
21	mahindra	5	1
22	LogiQids	4.8	1
23	Nilkamal	4.5	3
24	TCE	4.5	5
25	Cognizant	4	2
26	Techint	4	1
27	TCS	3.8	1
28	Imaginarium	3.6	4
Total			56

98% of the interested students of batch 2023 are placed in various prestigious companies.

Rest of the students pursuing higher studies

RESEARCH WORK OF THE FACULTY MEMBERS

PATENTS FILED

Application No.	Title	Application Status
380794-001	TREE SHAPED FOREST FIRE COMBAT SYSTEM	Design Accepted and Published, Journal No is 23/2023 and Journal Date is 09-06-202.
380892-001	CHASSIS FOR ELECTRIC VEHICLE GO-KART	Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26-05-2023.
381128-001	MONOCOQUE CHASSIS OF AN ELECTRIC VEHICLE	Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26-05-2023.
379353-001	SWINGARM WITH LINKAGES FOR ELECTRIC MOTORCYCLE	Design Accepted and Published, Journal No is 16/2023 and Journal Date is 21-04-2023.
380554-001	ERGONOMIC WHEEL HUB ASSEMBLY	Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26-05-2023.
378832-001	KNUCKLE SHAPED STEERING WHEEL JOINT	Design Accepted and Published, Journal No is 18/2023 and Journal Date is 05-05-2023.
378830-001	SEMI AUTONOMOUS FIRE FIGHTING VEHICLE	Design Accepted and Published, Journal No is 21/2023 and Journal Date is 26-05-202.

PUBLICATIONS

Name of the Author(s)	Title of the paper	Name of the Journal / Conference	Year of publication	DOI of the Publications
Dr. Hari Vasudevan	A Conceptual Framework for Drivers Aiding the Integration of Additive Manufacturing with Industry 4.0 Practices	International Conference on Recent Advances in Mechanical Engineering	August 2022	IIT Jodhpur, Rajasthan, India
Dr. Hari Vasudevan	Investigating Casting Process Parameters Through Casting Defects Using Analytical Hierarchical Process	International Conference on Recent Advances in Mechanical Engineering	August 2022	IIT Jodhpur, Rajasthan, India
Dr. Hari Vasudevan	Design of an Electronic Continuously Variable Transmission Actuation Mechanism to Optimize Efficiency	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_55 Pp 569-577
Dr. Hari Vasudevan	Design of a Passive Assistive Exoskeleton for improving overall worker productivity in Industries	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_67 Pp 691-704
Dr. Hari Vasudevan	Operational Logic for Electronic Continuously Variable Transmission using PID Control	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_33 Pp 341-349
Dr. K. N. Vijaya Kumar	Effect of Agro Waste Reinforcements on the Mechanical Properties of Aluminium Composites	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2

Dr. K. N. Vijaya Kumar	Optimization of Process Parameters in CNC Turning of Hastelloy C276 through Taguchi Method	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2
Dr. K. N. Vijaya Kumar	Structural Analysis of Endodontic Restorations	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2
Dr. Atul Dhale	Use of vibration Monitoring and Analysis for Fault Diagnosis of Rotating Machines - Some Case Studies	International Journal of Engineering Research & Technology (IJERT)	Dec 2022	ISSN (Online): 2278 - 0181
Dr. Atul Dhale	Productivity Improvement Using Principles of Kaizen	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering,	2023	DOI https://doi.org/10.1007/978-981-19-7971-2 .
Dr. Atul Dhale	Oil Seed Presser Using Human Powered Flywheel Motor as Energy Source	LAP Lambert Academic Publishing	Dec 2022	ISBN-13: 978-620-5-52762-7 ISBN-10: 6205527626 EAN: 9786205527627
Dr. Vinayak H. Khatawate	Structural Analysis of Endodontic Restorations.	Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering.	March-2023	ISSN(e)-2195-4364
Dr. Vinayak H. Khatawate	Comparative Study of Maldistribution on a AEL Design of Shell and Tube Heat Exchanger Using	Proceedings of International Conference on Intelligent Manufacturing and	March-2023	ISSN(e)-2195-4364

	Conventional and Inline Nozzle Position	Automation. Lecture Notes in Mechanical Engineering.		
Dr. Vinayak H. Khatawate	Numerical Validation of Thrust Produced by Remotely Operated Vehicle.	Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering.	March-2023	ISSN(e)-2195-4364
Dr. Vinayak H. Khatawate	Simulation of Hybrid Energy Systems Using Historical Meteorological Data of Location.	Proceedings of International Conference on Intelligent Manufacturing and Automation. Lecture Notes in Mechanical Engineering.	March-2023	ISSN(e)-2195-4364
Dr. Meeta Gandhi	A case study to control welding defects in Pressure Vessels	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering,	2023	ISSN(e)-2195-4364
Dr. Sanjeev Thool	Experimental and computational analysis of riser tubes of modified simple solar water heater with different twisted inserts	International Journal on Interactive Design and Manufacturing (IJIDeM)	2023	https://doi.org/10.1007/s12008-023-01233-8
Dr Sanjeev Thool	Experimental Investigation of Al ₂ O ₃ Nanofluid for Thermal Energy Management of Microchannel Heat Sink	Transdisciplinary Journal of Engineering & Science	2023	-
Dr Ramesh Rajguru	A Review of the Impact of Environmental Fiscal and Material Properties in Case of Wind Turbine Blades	Proceedings of International Conference on Manufacturing,		-

		Material science and Engineering 2022 (ICMMSE 2022)		
Dr Ramesh Rajguru	Impact of Process Parameters on Machining induced Micro harness in Dry End Milling of Inconel 625 using coated tool	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_49 Pp 511-518
Dr Ramesh Rajguru	Optimization of Machining Parameters for Surface Roughness in the End Milling of Hybrid Composite Using Response Surface Methodology	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_42 Pp 439-449
Dr Ramesh Rajguru	Fabrication of Fibre Reinforced Composites using Vacuum Infusion Process and Testing	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	10.1007/978-981-19-7971-2_44 Pp 463-473
Prof. Rajnarayan Yadav	Structural Analysis of Endodontic Restorations	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	ISSN(e)-2195-4364
Prof. Dhaval Birajdar	Role of Drivers, Barriers and Critical success factors for lean readiness in Indian Manufacturing Industries	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	Dhaval Birajdar
Prof. Dhaval Birajdar	A Model for Integrating Industry 4.0 and Lean tools Using Critical Success Factors in Indian Manufacturing Industries	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	Dhaval Birajdar
Prof. Vinit Katira	Design and Shape Optimization of a	Intelligent Manufacturing and Automation, Lecture	March 2023	ISSN(e)-2195-4364

	NACA0018 airfoil Vertical Axis Wind Turbine	Notes Mechanical Engineering		
Prof. Pavan Rayar	Design and Development of Vacuum Frying Machine for the Production of High-Quality Fried Products	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	ISSN(e)-2195-4364
Prof. Gregory Mathew	Study of Properties of Aluminium Composites Reinforced with Triple Reinforcements	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	ISSN(e)-2195-4364
Prof. Gregory Mathew	Computational Estimation of Air Flow Parameters in an Outdoor Air Purifier	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	ISSN(e)-2195-4364
Prof. Bronin Cyriac	Numerical investigation of heat transfer performance of an air heater with delta flow obstruction	Materials Today: Proceedings	2023	E-ISSN:2214-7853
Prof. Bronin Cyriac	Performance Optimization of an Air Heater with Delta Flow Obstructions: A Taguchi Approach	<u>Lecture Notes in Mechanical Engineering</u>	2023	ISSN:2195-4356E-ISSN:2195-4364
Prof. Bronin Cyriac	Thermal and hydraulic characteristics of an air heater with modified delta flow obstructions	e-Prime - Advances in Electrical Engineering, Electronics and Energy	2023	E-ISSN:2772-6711
Prof. Kartik Ajugia	Design and Prototyping of a Trekking Smart Backpack	Intelligent Manufacturing and Automation, Lecture Notes Mechanical Engineering	March 2023	ISSN(e)-2195-4364

Prof. Dharam Ranka	Influence of Digitized Transforming Enablers on Manufacturing Performance in the Context of Social Dimension of Sustainability	Proceedings of International Conference on Intelligent Manufacturing and Automation 2022, Lecture Notes in Mechanical Engineering, Springer	March 2023	Online ISBN: 978-981-19-7971-2
Prof. Dharam Ranka	Influence of Digitized Transforming Enablers on Manufacturing Performance in the Context of Economic Dimension of Sustainability	Proceedings of International Conference on Intelligent Manufacturing and Automation 2022, Lecture Notes in Mechanical Engineering, Springer	March 2023	Online ISBN: 978-981-19-7971-2
Prof. Dharam Ranka	Increasing Time Efficiency in Jewellery Industry Using Lean Manufacturing Principles	Proceedings of International Conference on Intelligent Manufacturing and Automation 2022, Lecture Notes in Mechanical Engineering, Springer	March 2023	Online ISBN: 978-981-19-7971-2
Prof. Dharam Ranka	A Model for Challenges and Opportunities in the Implementation of Digitized Transforming Enablers in Manufacturing Industries	Proceedings of ICAPIE 2022, Advances in Transdisciplinary Engineering, Ebook: Advanced Production and Industrial Engineering, IOS Press	November 2022	Online ISBN: 978-1-64368-337-9

FACULTY TRAINING PROGRAMMES ORGANIZED BY THE DEPARTMENT

Sr. No.	STTP	Title of the STTP	Date	Resource Persons
1	ISTE approved one week Short Term Training Programme	Advancements in Indian Manufacturing: Leveraging Industry 4.0 to Drive Growth and Innovation	24th June 2023 - 28th June 2023	Dr. Atul Dhale, Mr. Sehul Sheth, Dr.S B. Patil, Dr. Raghunandan Jagdish and Mr. Kirti Panchal

INDUSTRIAL VISIT ORGANIZED BY THE DEPARTMENT

Sr. No.	Date	Name of Company	No of students visited
1	7/10/2022	BEST, Mumbai.	30
2	26-11-2022	Industrial Visit to 'Centre of Excellence for Plastics Product Innovation and Application' by the All India Plastics Manufacturers' Association (AIPMA)	30
3	10/12/2022	Industrial visit to Daksha Engineering, Kandivali, Mumbai.	30

FACULTY PARTICIPATION IN SEMINARS / CONFERENCES / NPTEL AND COURSERA DURING THE YEAR 2022-23

Sr. No.	Name of Faculty	Attended Seminars/ Workshops/ Presented papers	International level	National level
1	Dr. Hari Vasudevan	Attended Seminars/ Workshops		
		Presented papers	10	-
2	Dr. K.N. Vijaya Kumar	Attended Seminars/ Workshops		
		Presented papers	2	
3	Dr. Atul Dhale	Attended Seminars/ Workshops		1
		Presented papers	1	
4	Dr. Vinayak Khatawate	Attended Seminars/ Workshops		1
		Presented papers	2	
5	Dr.(Mrs.) Meeta N. Gandhi	Attended Seminars/ Workshops		1
		Presented papers		
6	Dr. Ramesh R. Rajguru	Attended Seminars/ Workshops		2
		Presented papers	2	
7	Dr. Sanjeev Thool	Attended Seminars/ Workshops		
		Presented papers		

8	Prof. Vyankatesh Bagal	Attended Seminars/ Workshops		4
		Presented papers		
9	Prof. Rajnarayan Yadav	Attended Seminars/ Workshops		1
		Presented papers	1	
10	Prof. Dhaval Birajdar	Attended Seminars/ Workshops		3
		Presented papers	2	
11	Prof. Vinit Katira	Attended Seminars/ Workshops		2
		Presented papers	1	
12	Prof. Rohit Chaurasia	Attended Seminars/ Workshops		3
		Presented papers		
13	Prof. Greegory Mathew	Attended Seminars/ Workshops		2
		Presented papers	2	
14	Prof. Bronin Cyriac	Attended Seminars/ Workshops		1
		Presented papers	2	
15	Prof. Kartik Ajugia	Attended Seminars/ Workshops		6
		Presented papers	2	
16	Prof. Pavan Rayar	Attended Seminars/ Workshops		1
		Presented papers	2	

17	Dr. Shashikant Auti	Attended Seminars/ Workshops		5
		Presented papers		
18	Prof. Ravikant Hattale	Attended Seminars/ Workshops		3
		Presented papers		
19	Prof. Dharam Ranka	Attended Seminars/ Workshops		3
		Presented papers	2	

INTERACTION WITH OUTSIDE WORLD

Name of the faculty	Nature of Interaction	Date	Organized by
Dr. K. N. Vijaya Kumar	Advisory BOS member	1 st April 2023	Thakur College of Engineering & Technology (TCET), Mumbai.
Dr. K. N. Vijaya Kumar	Attended the 5th Board of Studies meeting as Subject Experts in Mechanical Engineering	2 nd February 2023	R C Patel Institute of Technology, Shirpur.
Dr. Atul Dhale	Expert Member of screening – cum evaluation / selection committee for Promotion of incumbent University Teachers under Career Advancement scheme (CAS) for subject General engineering (Mechanical Engineering)	-	Laxminarayan Institute of technology (L.I.T.) of Rashtrasant Tukdoji Maharaj, Nagpur University, Nagpur.
Dr. Atul Dhale	Referee for evaluating Ph.D. thesis	-	Rashtrasant Tukdoji Maharaj, Nagpur University, Nagpur.
Dr. Atul Dhale	Reviewer	-	Journal of The Institution of Engineers (India): Series C (IEIC) and Eng (ISSN 2673-4117) is an international, peer-reviewed open access journal.

Dr. Vinayak Khatawate	To assess Poster presentations on innovative ideas	03/02/23	Organized by IIC's Rajiv Gandhi Institute of Technology Mumbai.
Dr. Ramesh Rajguru	Reviewer	July 2023	IEEE Transactions on Automation Science and Engineering
Dr. Ramesh Rajguru	Reviewer	Oct 01, 2022.	Advances in Materials & Processing Technologies, by Taylor and Francis,