



Rajgad Dnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

Website: [www.rajgad.edu.in](http://www.rajgad.edu.in), Email Id: [scscoe@gmail.com](mailto:scscoe@gmail.com)**Internal Quality Assurance Cell****Academic and Administrative Audit****For Academic Year: 2020-2021****Section I: Basic Information**

1	Audit Date	02/08/2021
2	Name of Department	Mechanical Engineering
3	Head of Department	Prof. S. K. Pawar
4	Number of Full time teachers	20
5	Number of Technical Staff	04
6	Number of Student	297
7	Student Full Time Teacher Ratio	15:1

**Section II: Curricular Aspects****A. Academic Planning**

Sr. No.	Particular	Available Yes / No	Remark (if any)
1	Departmental Academic Calendar	Yes	
2	Faculty Subject Choices	Yes	
3	Elective Choices from Students	Yes	
4	Course / Subject Distribution to Faculty	Yes	
5	All Time Tables	Yes	
6	Teaching plan & Laboratory plan	Yes	



**B. Participation of the department in the curriculum development for courses offered by the Affiliating University.**

Sr. No.	Name of Faculty	Participated as	Course	Class
1	Prof. S. K. Pawar	Participant	Syllabus Implementation Workshop Applied Thermodynamics Subject	SE
2	Prof. S. K. Pawar	Participant	Syllabus Implementation Workshop for Heat & Mass Transfer Subject	TE
3	Prof. L. P. Maskepatil	Participant	Online syllabus implementation workshop on Kinematic of machinery 2019 course	SE
4	Prof. D. A. More	Participant	Syllabus Implementation Workshop for Subject Geometric Dimensioning & Tolerancing	SE
5	Prof. P. G. Gaware	Participant	Syllabus Implementation Workshop for the course of Engineering Materials & Metallurgy	SE
6	Prof. L. P. Maskepatil	Participant	Online syllabus implementation workshop on Solid Mechanics	SE
7	Prof. P. G. Gaware	Participant	Online syllabus implementation workshop on Solid Modeling and Drafting	SE
8	Prof. Y. G. Jadhav	Participant	Online syllabus implementation workshop on Engineering Mathematics-III	SE
9	Prof. D. B. Shelke	Participant	Syllabus Implementation Workshop for Heat & Mass Transfer Subject	TE
10	Prof. C. S. Gaikwad	Participant	Syllabus implementation workshop on Advanced Forming and joining Process.	TE





**C. List of Elective Courses in Elective Course System offered by department to final year students.**

Sr. No.	Name of Elective Course	Semester
1.	Heating Ventilation and Air Conditioning	I
2.	Finite Element Analysis	I
3.	Automobile Engineering	I
4.	Industrial Engineering	II
5.	Advanced Manufacturing Processes	II

**D. List of audit courses in CBCS system offered by department**

Sr. No.	Name of Audit Course	Class	Semester
1.	Developing Soft Skills & Personality	SE	I
2.	Technical English For Engineers	SE	I
3.	Technical writing/ Research writing	SE	II
4.	Business Ethics	SE	II
5.	Speaking Effectively	SE	II
6.	Entrepreneurship Development	TE	II

**E. List of value added courses conducted in department**

Sr. No.	Name of Value Added Course	Target Audience (FE/SE/TE/IBE)	No. of Students Participated
1.	One Week FDP & SDP on Applications of CAD Software's in Industries	FE to BE Students	98

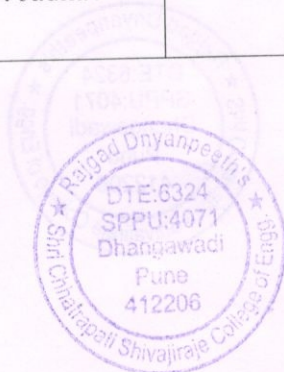




### Section III: Teaching Learning & Evaluation

#### A. Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practicals as Per Syllabus	No. of Lectures/ Practical as per teaching plan / Lab Plan	No. of Lectures/ Practicals Conducted
<b>Semester I</b>					
SE Sem I					
1	Solid Mechanics	Prof. L. P. Maskepatil	54/--	54/--	54/--
2	Solid Mechanics	Prof. N. G. Badhe	--/08	--/08	--/08
3	Solid Modeling and Drafting	Prof. D. A. More	48/--	48/--	50/--
4	Solid Modeling and Drafting	Prof. S. V. Ganorkar	--/06	--/06	--/06
5	Engineering Thermodynamics	Prof. S. K. Pawar	45/--	45/--	45/--
6	Engineering Thermodynamics	Prof. S. T. Jadhav	--/08	--/08	--/08
7	Engineering Materials and Metallurgy	Prof. P. G. Gaware	45/10	45/10	47/10
8	Electrical and Electronics Engineering	Prof. D. B. Patil	45/10	45/10	44/10
9	Geometric Dimensioning and Tolerancing Lab	Prof. A. P. Sonawane	--/09	--/09	--/09
TE Sem I					
1	Design of Machine Elements-I	Prof. A. T. Jadhav	48/04	48/04	47/04





2	Heat Transfer	Prof. A. K. Jamdade	48/10	48/10	46/10
3	Heat Transfer	Prof. D. B. Misal	--/10	--/10	--/10
4	Theory of Machines-II	Prof. N. D. Bagul	40/09	40/09	43/09
5	Turbo Machines	Prof. D. B. Shelke	45/08	45/08	45/08
6	Metrology and Quality Control	Prof. R. M. Golde	45/08	45/08	43/08
7	Skill Development	Prof. R. R. Biradar	--/03	--/03	--/03
BE Sem I					
1	Hydraulics and Pneumatics	Prof. C. S. Gaikwad	36/07	36/07	37/07
2	CAD CAM Automation	Prof. L. P. Maskepatil	36/--	36/--	36/--
3	CAD CAM Automation	Prof. D. B. Misal	--/08	--/08	--/08
4	Dynamics of Machinery	Prof. M. B. Bankar	48/08	48/08	49/08
5	Dynamics of Machinery	Prof. P. K. Ingawale	--/08	--/08	--/08
6	Heating Ventilation and Air Conditioning	Prof. S. K. Pawar	36/--	36/--	36/--
7	Heating Ventilation and Air Conditioning	Prof. S. V. Jagtap	--/04	--/04	--/04





8	Finite Element Analysis	Prof. D. A. More	36/06	36/06	42/06
9	Finite Element Analysis	Prof. P. K. Ingawale	--/06	--/06	--/06
10	Automobile Engineering	Prof. A. K. Jamdade	36/NA	36/NA	35/NA
<b>Semester II</b>					
SE Sem II					
1	Engineering Mathematics - III	Prof. Y. G. Jadhav	46/NA	46/NA	52/NA
2	Kinematics of Machinery	Prof. L. P. Maskepatil	45/10	45/10	46/10
3	Applied Thermodynamics	Prof. D. B. Shelke	45/10	45/10	45/10
4	Applied Thermodynamics	Prof. S. V. Jagtap	--/10	--/10	--/10
5	Fluid Mechanics	Prof. C. S. Gaikwad	48/10	48/10	47/10
6	Manufacturing Processes	Prof. P. G. Gaware	45/NA	45/NA	47/NA
7	Machine Shop	Prof. D. B. Misal	NA/06	NA/06	NA/06
TE Sem II					
1	Numerical Methods and Optimization	Prof. N. D. Bagul	48/08	48/08	50/08
2	Design of Machine Elements-II	Prof. D. A. More	48/03	48/03	48/03
3	Refrigeration and Air Conditioning	Prof. S. K. Pawar	48/--	48/--	48/--
4	Refrigeration and Air Conditioning	Prof. S. V. Ganorkar	--/08	--/08	--/08





5	Mechatronics	Prof. P. K. Ingawale	48/07	48/07	46/07
6	Manufacturing Process-II	Prof. R. M. Golde	42/NA	42/NA	40/NA
7	Machine Shop-II	Prof. R. M. Golde	NA/02	NA/02	NA/02
BE Sem II					
1	Energy Engineering	Prof. A. K. Jamdade	36/08	36/08	35/08
2	Mechanical System Design	Prof. M. B. Bankar	48/02	48/02	48/02
3	Industrial Engineering	Prof. A. T. Jadhav	36/08	36/08	36/08
4	Advanced Manufacturing Processes	Prof. A. T. Jadhav	36/NA	36/NA	35/NA

### B. Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1.	Prof. S.K. Pawar	Engineering Thermodynamics, Heating Ventilation and Air Conditioning, Refrigeration and Air Conditioning	PPT, You tube, Google Meet
2.	Prof. D. B. Shelke	Turbo Machines, Applied Thermodynamics	PPT, You tube, Google Meet





3.	Prof. D. A. More	Solid Modeling and Drafting, Finite Element Analysis, Design of Machine Elements-II	PPT, You tube, Google Meet, Google Classroom
4.	Prof. P. G. Gaware	Engineering Materials and Metallurgy, Manufacturing Processes	PPT, You tube, Google Meet, Virtual Lab
5.	Prof. A. K. Jamdade	Heat Transfer, Automobile Engineering, Energy Engineering	PPT, You tube, Google Meet
6.	Prof. N. D. Bagul	Theory of Machines-II, Numerical Methods and Optimization	PPT, You tube, Google Meet
7.	Prof. R. M. Golde	Metrology and Quality Control, Manufacturing Process-II, Machine Shop-II	PPT, You tube, Google Meet
8.	Prof. M. B. Bankar	Dynamics of Machinery, Mechanical System Design	PPT, You tube, Google Meet
9.	Prof. C. S. Gaikwad	Hydraulics and Pneumatics, Fluid Mechanics	PPT, You tube, Google Meet , Google Classroom, Virtual Lab
10.	Prof. L. P. Maskepatil	CAD CAM Automation, Solid Mechanics, Kinematics of Machinery	PPT, You tube, Google Meet
11.	Prof. A. T. Jadhav	Design of Machine Elements-I, Industrial Engineering, Advanced Manufacturing Processes	PPT, You tube, Google Meet
12.	Prof. R. R. Biradar	Skill Development	You tube, Google Meet
13.	Prof. S. V. Jagtap	Heating Ventilation and Air Conditioning, Applied Thermodynamics	You tube, Google Meet





14.	Prof. D. B. Misal	CAD CAM Automation, Heat Transfer	PPT, You tube, Google Meet
15.	Prof. S. T. Jadhav	Engineering Thermodynamics, Industrial Engineering	PPT, You tube, Google Meet
16.	Prof. A. P. Sonawane	Geometric Dimensioning and Tolerancing Lab	PPT, You tube, Google Meet , Virtual Lab
17.	Prof. S. V. Ganorkar	Solid Modeling and Drafting, Refrigeration and Air Conditioning	PPT, You tube, Google Meet, Virtual Lab
18.	Prof. N. G. Badhe	Solid Mechanics, Industrial Engineering	PPT, You tube, Google Meet, Virtual Lab
19.	Prof. P. K. Ingawale	Finite Element Analysis, Dynamics of Machinery, Mechatronics	PPT, You tube, Google Meet , Google Classroom
20.	Prof. D. B. Patil	Electrical and Electronics Engineering	PPT, You tube, Google Meet , Google Classroom
21.	Prof. Y. G. Jadhav	Engineering Mathematics - III	PPT, You tube, Google Meet, Google Classroom

**C. List of Expert Lecturers / Guest Lecture Conducted (Strictly related to academic)**

Sr. No	Expert Lecture Topic Name	Expert Speaker /Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)	No. of Present Students
1.	Webinar on GATE Awareness Program	Mr. Paresh Gugale	08/02/2021 to 09/02/2021	SE to BE Students	92
2.	Webinar on Engineer's Opportunity in Process Industries	Mr. Pramod Deshmukh & Mr. S. P. Singh	12/06/2021	FE to BE Students	108





**D. Activities for Slow and Advanced Learner**

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes/No)	No .of Sessions Conducted for Slow Learners	Activities / Task Assigned for Advanced Learner
1.	Automobile Engineering	Prof. S.D.Thorbole	Yes	5Hrs	Yes
2	Engineering materials and metallurgy	Prof. P.G.Gaware	Yes	5Hrs	Yes
3	Engineering Thermodynamics	Prof. S.K.Pawar	Yes	6Hrs	Yes
4	Engineering Mathematics III	Prof. Y.G.Jadhav	Yes	6Hrs	Yes
5	Design of Machine Elements-I	Prof. A.T.Jadhav	Yes	6Hrs	Yes
6	Dynamics of Machinery	Prof. M.B. Bankar	Yes	6Hrs	Yes
7	Turbo machines	Prof. D.B.Shelke	Yes	6Hrs	Yes
8	CAD/CAM	Prof. L.P. Maskepatil	Yes	5Hrs	Yes
9	Theory of Machines II	Prof. N.D.Bagul	Yes	6 Hrs	Yes

**E. List of Bridge Courses Conducted**

Sr. No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
1.	NIL	NIL	NIL	NIL

**F. Counseling and Mentoring**

No. of Students in Department	No. of Full Teachers in Department	Mentor: Mentee Ratio
297	20	1: 15





Sr.No.	Particular	Yes/No	Remark(if any)
1	Mentor Allocation	Yes	
2	Class wise Student Profile Record maintained	Yes	
3	Mentor Mentee Session Record maintained	Yes	

### G. Internal Evaluation System

Sr.No.	Particular	Yes/No	Remark(if any)
1	Continuous Evaluation Record	Yes	
2	Term Work Marks Record	Yes	
3	Unit test / Class Test Record // Mock Online Exam Record	Yes	
4	Prelim Exam Record	Yes	
5	Mock Oral Practical Record	Yes	
6	Seminar / Project Review Record	Yes	

### H. Learning Outcome

Sr.No.	Particular	Yes/No	Remark(if any)
1	PO, PSO, CO are well stated	Yes	
2	Correlation of Cos in PSOs and POs	Yes	
3	Course Outcome attainment calculated	Yes	

### I. Student Performance in University Exam

#### 1. Semester I

Sr.No.	Particular	SE	TE	BE
1	Number of students appeared	97	102	93
2	Number of All Clear Students	92	102	52
3	Number of students passed with distinction	71	100	12
4	Number of students passed with first class	17	1	20
5	Number of students passed with higher second class	4	1	20
6	Number of students passed with second class	-	-	-
7	Number of Students Failed	-	-	-





8	Passing Percentage	94.84	98.03	55.91
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## 2. Semester II

Sr.No.	Particular	SE	TE	BE
1	Number of students appeared	93	102	95
2	Number of All Clear Students	72	102	91
3	Number of students passed with distinction	27	97	34
4	Number of students passed with first class	40	1	52
5	Number of students passed with higher second class	5	3	5
6	Number of students passed with second class	-	1	-
7	Number of Students Failed	21	7	4
8	Passing Percentage	77.42	93.19	97.89

## J. Remedial Coaching

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
1	Automobile Engineering	Prof. S. D. Thorbole	B.E.	I
2	Engineering Mathematics III	Prof. Y. G. Jadhav	S.E.	I
3	Dynamics of Machinery	Prof. M. B. Bankar	B.E.	I
4	Engineering Thermodynamics	Prof. S.K. Pawar	S.E.	I
5	Design of machine Element-I	Prof. A. T. Jadhav	T.E.	I
6	Manufacturing Process	Prof. P. G. Gaware	S.E.	II
7	Design of Machine Element-II	Prof. D .A. More	T.E.	II
8	Numerical methods & Optimization	Prof. N.D. Bagul	T.E.	II
9	CAD/CAM & Automation	Prof. L. P. Maskepatil	B.E.	I
10	Turbo Machines	Prof. D. B. Shelke	T.E.	I





**Section IV: Structured Feedback**

Sr. No.	Particular	Yes / No	Remark(if any)
1	Student feedback on teaching learning conducted & analyzed.	Yes	
2	Parent Meet/ Parent Feedback conducted & analyzed.	Yes	
3	Student exit survey conducted & analyzed.	Yes	
4	Alumni feedback conducted & analyzed.	Yes	

**Section V: Research, Innovation, Publication****A. Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)**

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
1.	NIL	NIL	NIL	NIL	NIL

**B. Faculty Publications**

Number of Publication in National Journals	00
Number of Publication in International Journals	01
Number of Publication in National Conferences	00
Number of Publication in International Conferences	00

**C. National Journal**

Sr.No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ ISSN Number
1.	NIL	NIL	NIL	NIL

**D. International Journal**

Sr.No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ ISSN Number
1	Review of various techniques for separating free fatty acids from vegetable oil	Prof. S. K. Pawar	International Journal of Advanced Research in Engineering and Technology	0976-6499





**E. National Conference**

Sr.No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
1.	NIL	NIL	NIL	NIL	NIL

**F. International Conference**

Sr.No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
1.	NIL	NIL	NIL	NIL	NIL

**G. Books / Book Chapters**

Sr.No.	Title of the Book/ Chapters Published	Name of the Author/s	ISBN/ISSN Number	Publisher
1.	NIL	NIL	NIL	NIL

**Section VI: Collaborations & Linkages****A. Student Internships**

Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
1.	Bandal Harshad Vishwas	Trinity Electromech, Pune	1 month
2.	Khan Shahrukh Aliahamad	Trinity Electromech, Pune	1 month
3.	Kindhalkar Tejas Kantaram	Trinity Electromech, Pune	1 month
4.	More Rutik Sudam	Trinity Electromech, Pune	1 month
5.	Kamble Pradip Uttam	Trinity Electromech, Pune	1 month
6.	Bhosale Ranjeet Haridas	Trinity Electromech, Pune	1 month
7.	Awade Sweta Sharad	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days





8.	Bandal Adesh Murlidhar	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
9.	Malusare Komal Shrirang	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
10.	Shaikh Alisha Tajuddin	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
11.	Karale Vipul Vikas	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
12.	Salunkhe Aditi Shamrao	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
13.	Pawar Chitrali Vikas	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
14.	Pawar Harshada Vikas	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
15.	Patil Rahul Vijay	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
16.	Sinkar Kunal Gopinath	Rajgad Sahakari Sakhar Karkhana Ltd.	15 Days
17.	Jadhav Sumit Bharat	Anant Dudh Pvt. Ltd.	15 Days
18.	Kadam Omkar Umesh	Anant Dudh Pvt. Ltd.	15 Days
19.	Khan Anwar Asif	Anant Dudh Pvt. Ltd.	15 Days
20.	Chavan Akshay Deshraj	Anant Dudh Pvt. Ltd.	15 Days
21.	Dhumal Dhanraj Shivaji	Anant Dudh Pvt. Ltd.	15 Days
22.	Mhaske Akash Ashok	Anant Dudh Pvt. Ltd.	15 Days
23.	Chavan Aniket Vijay	Anant Dudh Pvt. Ltd.	15 Days
24.	Gadhawe Shital Vijay	Anant Dudh Pvt. Ltd.	15 Days
25.	Jadhav Vishal Vijay	Anant Dudh Pvt. Ltd.	15 Days
26.	Nikam Pramod Hindurao	Anant Dudh Pvt. Ltd.	15 Days
27.	Pawar Sahil Sanjay	Anant Dudh Pvt. Ltd.	15 Days
28.	Raut Vijay Balu	Anant Dudh Pvt. Ltd.	15 Days





**B. Sponsored Projects**

Sr. No	Project Title	Name of Student	Name of Sponsored Industry I Research Institute/ Partnering Institution
1	Design & Development Cement sheet handling by Gantry mechanism	1.Kush wani D 2. Deshpande Mayur U 3. Sutar Nikhil S 4. Khalfe Mohmmad	Pari Robotics,Pune
2	Four cavity injection mold mfg & process	1.Revnna N.R. 2.Suryawanshi Vijay 3.Jagdale Sandip 4.Kudale Pranay	TE Connectivity,Pune
3	Design and analysis of 3 wheel driverless material handling trolley	1.Godase Swapnil 2.Jadhav Tejas 3.Khunte Preeti 4.Jadhav Sneha	Vedant Enterprises Talawade
4	Design and development of X-Y gantry mechanism	1.Kazi A.A. 2.Gaikwad Akash 3.Bhoi Sumit 4.Sanghatti S.Y.	Semco Engineering Pvt Ltd, Talawade pune
5	Design and Development of 5 dof robotic arm	1.Dashrath Sonawane 2.Omkar Chirame 3.Rushikesh Mane 4.Vijay waghmare	SV Robotics Pvt Ltd Pune
6	Design and development of Automatic solar panel cleaner	1.Santosh Mahangare 2.Akash Mhaske 3.Rushikesh Danawale 4.Shardul Sankpal	Kelvion India Pvt Ltd, Chakan Pune
7	Design and development of fixture to check balance weight	1.Nilam Shitole 2.Patiksha Kalange 3.Amar Mohite	Cummins India (Diesel Unit)Pvt ltd,Pune

**C. Industrial Visits**

Sr.No.	Name of industry I Company Research Institute I Partnering Institution	Date of Visit	Number of Student Participated
1	Pimpari Chinchwad Science Park, Pune	17/02/2021	69
2	Rajgad Sahakari Sakhar Karkhana Ltd.	17/02/2021	61





**D. Functional Memorandum of Understanding (MoU)**

Sr.No.	Name of industry / Company Research Institute / Partnering Institution	Date of Commencement	Duration
1	Rajgad Sahakari Sakhar Kharkhana.	15/03/2013	10 Years
2	Anant Dudh PVT LTD.	10/04/2013	10 Years
3	Speciality Sintered products Pvt Ltd.	20/12/2014	10 Years
4	Ratnadeep Castings PVT LTD.	09/03/2015	05 Years
5	Saturn Rings & Forgings Pvt Ltd.	01/12/2020	05 Years
6	High Power Engineering Co.Pvt.Ltd.	04/01/2019	05 Years

**E. Activities Through MOU**

Sr.No.	Name of industry / Institute / Partnering Institution	Date of Activity	Name of Activity	Number of Student Participated
1	Rajgad Sahakari Sakhar Kharkhana.	17/10/2020	Placement Drive	35
		17/02/2021	Industrial Visit	61
		1/01/2021	Internship Program	10
2	Anant Dudh PVT LTD.	14/02/2021	Placement Drive	25
		1/07/2020	Internship Program	12
3	Speciality Sintered products Pvt Ltd.	14/01/2021	Placement Drive	30
4	Ratnadeep Castings PVT LTD.	16/04/2021	Placement Drive	32
5	Saturn Rings & Forgings Pvt Ltd.	01/12/2020	Placement Drive	28
6	High Power Engineering Co.Pvt.Ltd.	01/11/2020	Placement Drive	35
7	TE Connectivity, Shirwal	01/02/2021	Placement Drive	37





## Section VII: Student Progression

## A. Placements

## 1. Incampus:

Sr. No	Name of Students	Name of Company
1	Sutar Nikhil Sanjay	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
2	More Saurabh Laxman	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
3	Jagtap Kiran Shivaji	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
4	Adsul Rajesh Mahesh	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
5	Chikne Vishal Haribhau	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
6	Jadhav Sumit Bharat	TE Connetivity Shirwal MIDC Pune - Satara Rd, Maharashtra 412801
7	Sawant Akshay Laxman	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
8	Palange Aditya Avinash	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
9	Wani Kush Dipak	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
10	Shinde Sachin Pandurang	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
11	Jadhav Shivam Namdev	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
12	Yadav Avinash Dnyandev	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
13	Bhelke Ajay Laxman	Speciality Sintered Products Pvt. Ltd., Shirwal, Satara-412801
14	Deghare Avinash Vasant	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.





15	Khalfe Mohmad Moazzam	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
16	Yadav Shubham Bhanudas	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
17	Mane Dattatray Tanaji	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
18	Sangatti Shoail Yusuf	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
19	Ithape Omkar Dayanand	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
20	Bhoite Shrikant Hanumant	Ratnadeep Castings Gate No. 6B, Plot No. 3, Kasurdi, Near Khed Shivapur. Tal. Bhor, Dist., Pune - 412 205.
21	Khunte Priti Vijaykumar	Anant Dudh Pvt. Ltd. A/P: kikvi Tal-Bhor, Pune maharashtra
22	Raut Sunil Balkrushna	Anant Dudh Pvt. Ltd. A/P: kikvi Tal-Bhor, Pune maharashtra
23	Sinkar Kunal Gopinath	Anant Dudh Pvt. Ltd. A/P: kikvi Tal-Bhor, Pune maharashtra
24	Pawar Shrivankumar Ankush	Anant Dudh Pvt. Ltd. A/P: kikvi Tal-Bhor, Pune maharashtra
25	Kanade Akash Suryakant	Anant Dudh Pvt. Ltd. A/P: kikvi Tal-Bhor, Pune maharashtra
26	Gavhane Pratik Uttam	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
27	Mhaske Akash Ashok	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
28	Patil Rahul Vijay	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
29	Ambavale Vikas Vilas	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
30	Chavan Akshay Deshraj	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
31	Bhoi Sumit Tanaji	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra





32	Jadhav Viraj Dhanaji	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
33	Godase Swapnil Kisanrao	Rajgad Sahakari Sakhar Karkhana Ltd. Anantnagar-Nigade, Tal- Bhor, Dist:- Pune Maharashtra
34	Newase Shrinath Dilip	Saturn Rings and Forgings Pvt. Ltd. Shirwal, Satara.
35	Taru Anuj Sadanand	Saturn Rings and Forgings Pvt. Ltd. Shirwal, Satara.
36	Mahangare Santosh Shirirang	Saturn Rings and Forgings Pvt. Ltd. Shirwal, Satara.
37	Sangale Kuldipak Suresh	Saturn Rings and Forgings Pvt. Ltd. Shirwal, Satara.
38	Hadake Swapnil Nandkumar	Saturn Rings and Forgings Pvt. Ltd. Shirwal, Satara.
39	Yadav Shubham Shankar	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801
40	Tikone Nikhil Nagesh	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801
41	Dhavale Vaibhav Jaywant	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801
42	Gaikwad Akash Arvind	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801
43	Devkar Nikhil Sudhakarrao	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801
44	Kadam Omkar Umesh	Hi Power Engineering CO. Private Limited Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801

## 2. Off campus:

Sr.No	Name of Students	Name of Company
1	NIL	NIL

## B. Higher Education

Sr.No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
1	NIL	NIL	NIL





**Section VIII: Activity Organized (Conducted)/ Attended by Department****A. Technical and Non-Technical Event / Workshop/Seminar Organised for Students**

Sr. No.	Name of Event/ Workshop	Organized under (Department/Student Association / Profession Chapter / Student Club)	Date of Event	Level (University State/ National International)	No. of Participants
1	Webinar on GATE Awareness Program	Mechanical Engineering Department	08/02/2021 to 09/02/2021	University	92
2	Model Making Competition	Mechanical Engineering Department	18/02/2021	University	16
3	Webinar on "Engineer's Opportunity in Process Industries"	Mechanical Engineering Department	12/06/2021	University	108

**B. FDP / Workshop/STTP/ Conference Organized for faculty**

Sr. No.	Name of Event/Workshop	Date of Event	Level (University/State/ National/ International)	No. of Participants
1	Webinar on New Emerging Technologies in Energy Conservation	18/05/2021	University	167
2	Webinar on Investment Awareness Program- "Introduction to Securities Market"	17/02/2021	University	82
3	Webinar on Art of Living - Immunity Boosting Program	01/07/2021 to 03/07/2021	University	152





**C. Technical and Non-Technical Event / Workshop/Seminar Attended by Students**

Sr.No.	Name of Student	Name of Event	Date of Event	Organized by	Level (Institute/ University/ State/ National/ International)
1	NIL	NIL	NIL	NIL	NIL

**D. FDP / Workshop/STTP/ Conference / Webinar Attended by faculty**

Sr. No.	Name of Faculty	Name of Event	Date of Event	Organized by	Level (Institute/ University/ State/ National/ International)
1	Prof. S. K. Pawar	Webinar on Investment Awareness Program 'Introduction to Securities Market'	17/02/2021	RDTC SCSCOE	University
2	Prof. S. K. Pawar	Webinar on 'New Emerging Technologies in Energy Conservation'	18/02/2021	RDTC SCSCOE	University
3	Prof. S. K. Pawar	Syllabus Implementation Workshop Applied Thermodynamics Subject	22/02/2021	D Y PATIL PIMPRI	University
4	Prof. S. K. Pawar	Online Quiz Competition on Occasion of World IP Day organized by Sandip TBI	26/04/2021	SANDIP INSTITUTE OF TECHNOLOGY	National
5	Prof. S. K. Pawar	Online Quiz on 'World Intellectual Property Day' organized by Dept. of Mechanical Engg. Antrao Pawar COE & R Pune	26/04/2021	ANANTRAO PAWAR COLLEGE OF ENGINEERING	National
6	Prof. S. K. Pawar	Webinar on 'National Education Policy-2020'	27/04/2021	SCSCOE	National





7	Prof. S. K. Pawar	One day State level Webinar on ' How to Write a Technical Research Paper/Report for Publications in International Indexed Journals'	28/04/2021	DATTAKALA GROUP OF INSTITUTE BHIGWAN	State
8	Prof. S. K. Pawar	Webinar on ' Vaccine: History and Overview'	08/05/2021	D Y PATIL PIMPRI	National
9	Prof. S. K. Pawar	Online Quiz on 'National Level Quiz Competition on the occasion of World Environment Day'	05/06/2021	MIT PUNE	National
10	Prof. S. K. Pawar	Webinar on ' Engineer's Opportunity in Process Industries'	12/06/2021	SCSCOE	University
11	Prof. S. K. Pawar	Syllabus Implementation Workshop for Heat & Mass Transfer Subject	27/07/2021	D Y PATIL PIMPRI	University
12	Prof. S. K. Pawar	One Week National Level FDP on 'Advances in Renewable Energy'	05/05/2021 to 09/05/2021	D Y PATIL PIMPRI	National
13	Prof. S. K. Pawar	One Week FDP on 'Applications of CAD Software's in Industries'	10/02/2021 to 13/02/2021	SCSCOE	University
14	Prof. S. K. Pawar	Three days online FDP on 'Technology Startup and IPRS'	15/03/2021 to 17/03/2021	BATU LONERE	National
15	Prof. D. B. Shelke	Online Quiz Competition based on "life of Dr'APJ Abdul Kalam	15/10/2020	RD's,SCSCOE	Institute
16	Prof. D. B. Shelke	webinar on "Role of Mechanical Engineer in Project Engineering and Management"	21/06/2021	SITRC Nasik	State
17	Prof. D. B. Shelke	Online Quiz Competition based on "Dussehra"	25/10/2020	RD's SCSCOE	Institute
18	Prof. D. B. Shelke	one week national level faculty development	05/05/2021 to	DYPIOT	National





		program on "Advances in Renewable Energy"	09/05/2021		
19	Prof. D. B. Shelke	webinar on "Vaccine: History and Overview"	08/05/2021	DYPIOT	University
20	Prof. D. B. Shelke	National Education policy-2020	27/04/2021	RD's, SCSCOE	Institute
21	Prof. D. B. Shelke	364th Birth Anniversary Of Chatrapati Sambhaji Maharaj	17/05/2021	RD's, SCSCOE	Institute
22	Prof. D. B. Shelke	One Week FDP on 'Applications of CAD Software's in Industries'	10/02/2021 to 13/02/2021	RD's, SCSCOE	Institute
23	Prof. D. B. Shelke	Syllabus Implementation Workshop On Heat and Mass Transfer	27/06/2021	RD's, SCSCOE	Institute
24	Prof. D. B. Shelke	Webinar on ' Engineer's Opportunity in Process Industries'	12/06/2021	RD's, SCSCOE	Institute
25	Prof. D. B. Shelke	One Week National Level Faculty Development Program on "Futuristic Technologies in Mechanical Industries"	05/06/2020 to 09/06/2020	DYPI EMR Pune	National
26	Prof. L. P. Maskepatil	Online syllabus implementation workshop on Kinematic of machinery 2019 course	18/02/2021	VPKBIET, Baramati.	University
27	Prof. L. P. Maskepatil	Online syllabus implementation workshop on Solid Mechanics	18/08/2020	VPKBIET, Baramati.	University
28	Prof. L. P. Maskepatil	One Week FDP on , 'Applications of CAD Software's in Industries'	10/02/2021 to 13/02/2021	RDTC , SCSCOE	State
29	Prof. S. D. Thorbole	Virtual Lab- hands on workshop	24/12/2020	Sinhgad College of Engineering, Pune	University





30	Prof. S. D. Thorbole	National voters day online quiz competition	25/01/2021	SCSCOE Pune	University
31	Prof. S. D. Thorbole	Student and faculty development program on applications of CAD software in industries	10/02/2021 to 13/02/2021	SCSCOE Pune	University
32	Prof. S. D. Thorbole	Investment awareness program, Introduction to Securities in market	17/02/2021	SCSCOE Pune	University
33	Prof. S. D. Thorbole	National level FDP on Electric vehicles present status and future prospects	06/05/2021 to 08/05/2021	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik	National
34	Prof. M. B. Bankar	Career Guidance and Counseling Program for Final year B.Tech Mechanical Engineering	27/07/2020 to 31/07/2020	WCOE Sangli	State
35	Prof. M. B. Bankar	Design Thinking	30/09/2020 to 04/10/2020	VJTI Mumbai	National
36	Prof. M. B. Bankar	One Week Online National Faculty Development Program on E-Contents for Innovative and Effective Teaching & Learning Process	08/08/2020 to 14/08/2020	RCOMCA Roorkee	National
37	Prof. M. B. Bankar	Innovative Teaching Learning Practices & Research	23/04/2021 to 29/04/2021	KBP Satara	State
38	Prof. M. B. Bankar	Geometric Dimensioning & Tolerancing	05/03/2021	BRIGCOE Solapur	State
39	Prof. N. D. Bagul	Virtual Labs: Hands-On Workshop	24/12/2020	Sinhgad College of Engineering, Pune	University
40	Prof. N. D. Bagul	Quiz competition on life of Dr APJ Abdul Kalam	15/10/2020	SCSCOE Pune	Institute
41	Prof. N. D. Bagul	Webinar on National Education policy-2020	27/4/2021	SCSCOE Pune	University
42	Prof. N. D. Bagul	New Emerging Technologies in Energy Conservation	18/02/2021	SCSCOE Pune	University





43	Prof. N. D. Bagul	Unlocking Industrial Potential of Digital Twin	04/06/2021	SNJB's Late Sau. Kantabai Bhavarlalji Jain, College of Engineering	National
44	Prof. N. D. Bagul	Research Directions In Science & Technology	17/5/2021 to 21/05/2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	International
45	Prof. N. D. Bagul	Advances in Renewable Energy	05/05/2021 to 09/05/2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	University
46	Prof. N. D. Bagul	Vaccine: History and Overview	08/05/2021	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	University
47	Prof. N. D. Bagul	Electric Vehicles: Present Status and Future Prospects	06/05/2021 to 08/05/2021	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik	National
48	Prof. N. D. Bagul	Recent Trends in Industry	03/05/2021 to 07/05/2021	Institute of Technology & Research, Shankarnagar-Akluj	National
49	Prof. N. D. Bagul	Applications of CAD Software's in Industries	10/02/2021 to 13/02/2021	SCSCOE Pune	University
50	Prof. N. D. Bagul	National Voters Day online quiz competition	25/01/2021	SCSCOE Pune	University
51	Prof. N. D. Bagul	World Intellectual Property Day	26/04/2021 to 26/04/2021	Anantrao Pawar College of Engineering & Research, Pune	University
52	Prof. N. D. Bagul	Reading Inspiration Day Quiz, 2020	15/10/2020 to 15/10/2020	Department of Library of Arts Commerce College, Yeoda	National
53	Prof. N. D. Bagul	364th Birth Anniversary of Chatrapati Sambhaji Maharaj	14/5/2021 to 14/5/2021	SCSCOE Pune	University
54	Prof. D.A. More	Syllabus Implementation Workshop for Subject Geometric Dimensioning & Tolerancing	19/06/2020	Modern Education Society's College of Engineering Pune	University





55	Prof. D.A. More	Online workshop on Basics of Ansys	4/07/2020 to 06/07/2020	Maulana Mukhtar Ahmad Nadvi Technical Campus, Malegaon	State
56	Prof. D.A. More	AICTE Sponsored Online STTP on Softwares Tools Used in Finite Element Analysis	03/08/2020 to 08/08/2020	Kalasalingam Academy of Research and Education Tamilnadu	National
57	Prof. D.A. More	ATAL Academy Online FDP on Blended Learning and Flipped Classroom	10/08/2020 to 14/08/2020	Sardar Vallabhbhai National Institute of Technology Surat.	National
58	Prof. D.A. More	One Week FDP on 'Research Methods in Science, Engineering & Technology'	02/05/2021 to 06/05/2021	Vishwatmak Om Gurudev College Of Engineering, Shahapur, Thane	State
59	Prof. D.A. More	AICTE Approved One Week STTP On "Data Analytics with Python"	24/05/2021 to 08/05/2021	Sandip Institute of Engineering & Management Nashik	National
60	Prof. D.A. More	AICTE and ISTE sponsored one week online Induction/Refresher program on Mathematical Modeling	15/04/2021 to 21/04/2021	Indira College Of Engineering And Management, Pune.	National
61	Prof. D.A. More	Orientation session on "Building an innovation/product fit for the market"	02/07/2021	Sahakar Maharshi Shankarrao Mohite -Patil Institute Of Technology And Research, Shankarnagar - Akluj	University
62	Prof. D.A. More	Webinar on Engineer's Opportunity in Process Industries	12/06/2021	SCSCOE Dhangawadi Pune	University
63	Prof. D.A. More	Webinar on New Emerging Technologies in Energy Conservation	18/02/2021	SCSCOE Dhangawadi Pune	University
64	Prof. D.A. More	Online FDP on Research, Funding Projects and IPR	7/06/2021- 9/06/2021	K. C. College of Engineering and Research, Thane	State
65	Prof. D.A. More	Webinar on National Education Policy-2020	27/04/2021	SCSCOE Dhangawadi Pune	University





66	Prof. D.A. More	One Week FDP on Research Directions In Science & Technology	17/04/2021 to 21/04/2021	Dr. D. Y. PATIL INSTITUTE OF TECHNOLOGY PIMPRI, PUNE	International
67	Prof. D.A. More	Online FDP on Recent Advancement in AI & Robotics	25/04/2021 to 29 /04/2021	Dr D Y Patil School of Engineering and Technology,Pune.	State
68	Prof. C. S. Gaikwad	Online FDP on Recent advancement in AI and Robotics.	24/04/2021 to 29/04/2021	Dr D Y Patil School of Engineering and Technology,Pune.	State
69	Prof. C. S. Gaikwad	National Education Policy	27/04/2021	SCSCOE Dhangawadi Pune	University
70	Prof. C. S. Gaikwad	"New Emerging Technologies in Energy Conservation"	18/05/2021	SCSCOE Dhangawadi Pune	University
71	Prof. C. S. Gaikwad	"Engineer's Opportunity in Process Industries"	12/06/2021	SCSCOE	University
72	Prof. C. S. Gaikwad	Syllabus implementation workshop on Advanced Forming and joining Process.	28/07/2021	Amrutvahini College of Engineering Sangamner	University
73	Prof. R. M. Golde	online quiz on the occasion of "World Intellectual Property Day"	24/04/2021	Rajgad Dnyanpeeth technical Institute Pune	University
74	Prof. R. M. Golde	One week Faculty Development Program on "Advances in Renewable Energy".	05/05/2021 to 09/05/2021	D.Y.Patil Institute of Technology, Akurd	University
75	Prof. R. M. Golde	Three days online National Level FDP on 'Electric Vehicles: Present Status and Future Prospects'	06/05/2021 to 08/05/2021	Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering, Nashik	National
76	Prof. R. M. Golde	National level One week Faculty Development Program on Research Methodology	26/04/2021 to 01/05/2021	kamala Nehru Mahavidyalaya Nagpur	National
77	Prof. R. M. Golde	Webinar on National Education Policy-2020.	27/04/2021	Rajgad Dnyanpeeth technical Institute Pun	University





78	Prof. R. M. Golde	AICTE-ISTE approved Orientation/Refresher Programme on "Integration of Pedagogical Strategies with ICT for Transformation of Engineering Education"	22/04/2021 to 28/04/2021	PSG Institute of technology & Applied Research Coimbatore	University
79	Prof. P. G. Gaware	Workshop on Syllabus Implementation Workshop for the course of "Engineering Materials & Metallurgy"	19/06/2020	AISSMS Pune	University
80	Prof. P. G. Gaware	Online syllabus implementation workshop on Solid Modeling and Drafting	18/06/2020	AISSMS Pune	University
81	Prof. P. G. Gaware	Webinar on Investment Awareness Program- "Introduction to Securities Market"	17/02/2021	SCSCOE	University
82	Prof. P. G. Gaware	Webinar on "New Emerging Technologies in Energy Conservation"	18/02/2021.	SCSCOE	University
83	Prof. P. G. Gaware	FDP on "Recent Advancement in AI & Robotics"	25/04/2021 to 29/04/2021	Dr D Y Patil School of Engineering and Technology, Pune.	State
84	Prof. P. G. Gaware	Webinar on National Education Policy 2020	27/04/2021	SCSCOE	University
85	Prof. A. T. Jadhav	Webinar on Investment Awareness Program- "Introduction to Securities Market"	17/02/2021	SCSCOE	University
86	Prof. A. T. Jadhav	National Voters day online Quiz competition	25/01/2021	SCSCOE	University
87	Prof. A. T. Jadhav	Webinar National Education policy-2020	27/04/2021	SCSCOE	University

Head of Department  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.  
Dhargawadi, Pune-412206





**Section IX: Achievements****A. Awards and Prizes received by students**

Sr.No.	Name of Student	Event Name/Details	Organized by	Achievement/ Position/ Prize
1	NIL	NIL	NIL	NIL

**B. Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies.**

Sr.No.	Name of Faculty	Members of Committees at University level/State level/ International Level as
1	NIL	NIL

**C. Details of teachers appointed/ Nominated on Editorial Boards/Reviewers**

Sr.No.	Name of Faculty	Name of Editorial Boards /Conference
1	NIL	NIL

**D. Awards / Prizes and recognitions received by teachers at university, state, national and international level:**

Sr.No.	Name of Faculty	Name of Award
1	NIL	NIL

**E. Participation of teachers in various activities as resource person / Expert Lecture / Paper Setter :**

Sr. No.	Name of Faculty	Date of Activity	Name of Organization	Name of Activity
1	Prof. S. K. Pawar	24/02/2021	Dr. D. Y. Patil School of Engineering, Ambi, Talegaon Dabhade	SPPU Paper setter and Examiner in the subject Engineering Thermodynamics
2	Prof. S. K. Pawar	10/06/2021	Dr. D. Y. Patil School of Engineering, Ambi, Talegaon Dabhade	SPPU Paper setter and Examiner in the subject Engineering Thermodynamics



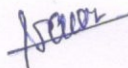
*1/2021*  
**Head of Department**  
 Dept. of Mechanical Engineering  
 Shri Chh. Shivajiraje College of Engg.  
 Dhange, Pune-412206



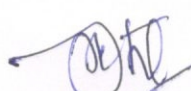
## Declaration by the Head of the Department

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date: 4-8-2024.

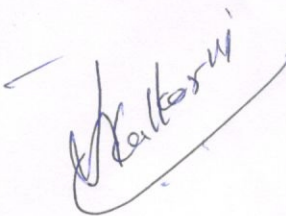
  
**Head of Department**  
**Head of Department**  
Dept. of Mechanical Engineering  
Shri Chh. Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206

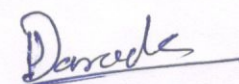


  
**Principal**  
**Principal**  
Rajgad Dnyanpeeth's  
Shri Chhatrapati Shivajiraje College of Engg.,  
Dhangawadi, Pune-412206

Recommendations:

- ① Faculty as well as students publications in referred journals to be increased
- ② Student placement in reputed companies needs to be improved
- ③ Research grant from various funding agencies is required.

  
**External Auditor 1**  
Dr. C. M. Kulkarni  
ZCOER Pune

  
**External Auditor 2**  
Dr. P. D. Darade  
Singhgad college of Engg.,  
Nareche, Pune