



RajgadDnyanpeeth's

**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING**

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

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Internal Quality Assurance Cell

Academic and Administrative Audit

For Academic Year: 2021-2022

**Section I: Basic Information**

1	Audit Date	
2	Name of Department	First Year Engineering
3	Head of Department	Prof. Kale J. G.
4	Number of Full time teachers	07
5	Number of Technical Staff	00
6	Number of Student	121
7	Student Full Time Teacher Ratio	20:1

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

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

**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.	Nil			



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

Sr.No.	Name of Elective Course	Semester
1	NA	

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

Sr.No.	Name of Audit Course	Class	Semester
1.	Environmental Studies I	FE Div A & B	I
2.	Environmental Studies II	FE Div A & B	II

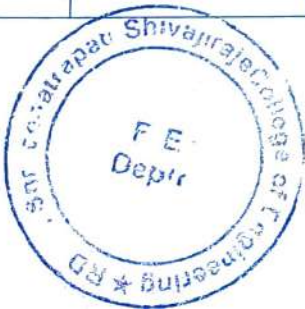
## E. List of value added courses conducted in department

Sr.No.	Name of Value Added Course	Target Audience (FE/SE/TE/BE)	No.of Students Participated
1.	Nil		

## Section III: Teaching Learning &amp; Evaluation

## A. Course / Curriculum Delivery

Sr. No.	Name of Subject	DIV	Name of Faculty	No. of Lectures / Practicals Per Syllabus	No. of Lectures / Practicals per teaching plan / Lab Plan	No. of Lectures / Practicals Conducted
<b>Semester I</b>						
1	Engg. Maths I	B	Prof. Kale J. G.	48/6	48/6	48/6
2	Engg. Maths I	A	Prof Tapare B P.	48/6	48/6	48/6
3	Engg. Physics	B	Prof Raut R. B.	48/8	48/8	48/6
4	Engg. Chemistry	A	Prof. Kondhalkar A. K.	48/8	48/8	48/6
5	Engg. Mechanics	A	Prof Sayyed S.S.	36/8	36/8	36/8
6		B	Prof. Divekar R. C.			36/8
7	Basic Ele. Engg	A&B	Prof. Dudhane T. M.	36/8	36/8	36/8
8	System in Mechanical Engg.	A&B	Prof. Thorbole S. D.	36/8	36/8	36/8
9	Audit Course (EVSI)	A&B	Prof. Kale J. G., Prof Tapare B P.	24	24	24
<b>Semester II</b>						
1	Engg. Maths-II	A	Prof. Kale J. G.	54/6	54/6	54/6
		B	Prof Tapare B P.	54/6	54/6	54/6



2	Engg. Physics	A	Prof Raut R. B.	48/8	48/8	48/8
3	Engg. Chemistry	B	Prof. Kondhalkar A. K.	48/8	48/8	48/8
4	Engg. Graphics I	A&B	Prof. Thorbole S. D.	12/8	12/8	12/8
6	Basic Electro Engg	A&B	Prof. Bandal J. J	36/8	36/8	36/8
7	P. P. S.	A&B	Prof. Thorat B. D.	36/8	36/8	36/8
8	Audit Course (EVS I I)	A&B	Prof Kale J. G. Prof Tapare B P.	24	24	24

**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. Kale J. G.	Engg. Maths I	PPT, LCD Projector, Youtube, Whatsapp
2	Prof Tapare B P.	Engg. Maths I	PPT, LCD Projector, Youtube, Whatsapp
3	Prof Raut R. B.	Engg. Physics	PPT, LCD Projector, Youtube, Whatsapp
4	Prof. Kondhalkar A. K.	Engg. Chemistry	PPT, LCD Projector, Youtube, Whatsapp
5	Prof. Sayyed S.S.	Engg. Mechanics	PPT, LCD Projector, Youtube, Whatsapp
6	Prof. Dudhane T. M.	Basic Ele. Engg	PPT, LCD Projector, Youtube, Whatsapp
7	Prof. Thorbole S. D.	System in Mechanical Engg.	PPT, LCD Projector, Youtube, Whatsapp
8	Prof. Kale J. G.	Engg. Maths II	PPT, LCD Projector, Youtube, Whatsapp
9	Prof Tapare B P.	Engg. Maths II	PPT, LCD Projector, Youtube, Whatsapp
10	Prof Raut R. B.	Engg. Physics	PPT, LCD Projector, Youtube, Whatsapp
11	Prof. Kondhalkar A. K.	Engg. Chemistry	PPT, LCD Projector, Youtube, Whatsapp
12	Prof. Thorbole S. D.	Engg. Graphics I	PPT, LCD Projector, Youtube, Whatsapp
13	Prof. Bandal J. J	Basic Electro Engg	PPT, LCD Projector, Youtube, Whatsapp
14	Prof. Thorat B. D.	P. P. S.	PPT, LCD Projector, Youtube, Whatsapp

**C. List of Expert Lecturers / Workshops Conducted NIL**

Sr.No	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)
1	NIL			

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



E. List of Bridge Courses Conducted - NIL

F. Counseling and Mentoring

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

No. of Students in Department	No. of Full Time Teachers in Department	Mentor: Mentee Ratio
121	7	20:1

G. Internal Evaluation System

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

H. Learning Outcome

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



**I. Student Performance in University Exam****1. Semester I**

Sr. No.	Particular	FE A	FE B
1	Number of students appeared	60	61
2	Number of All Clear Students	51	56
3	Number of students passed with distinction	35	31
4	Number of students passed with first class	16	24
5	Number of students passed with higher second class	0	1
6	Number of students passed with second class	0	0
7	Number of Students Failed	0	0
8	Passing Percentage	85%	91.80%

**2. Semester II**

Sr. No.	Particular	FE A	FE B
1	Number of students appeared	56	61
2	Number of All Clear Students	27	23
3	Number of students passed with distinction	7	6
4	Number of students passed with first class	14	10
5	Number of students passed with higher second class	6	7
6	Number of students passed with second class	0	0
7	Number of Students Failed	0	0
8	Number of students passed with ATKT	29	38
9	Passing Percentage (with ATKT)	100%	100%

**I. Remedial Coaching**

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
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**Section IV: Structured Feedback**

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

### 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	-	-	-	-

#### B. Faculty Publications

Number of Publication in National Journals	Nil
Number of Publication in International Journals	Nil
Number of Publication in National Conferences	Nil
Number of Publication in International Conferences	Nil

#### C. National Journal

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

#### D. International Journal

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

#### E. National Conference

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

**G. Books / Book Chapters**

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

**Section VI: Collaborations & Linkages**

**A. Student Internships**

Sr.No.	Name of Student	Name of Sponsored Industry / Research Institute/ Partner in Institution	Duration
1.	NA		

**B. Sponsored Projects**

Sr. No	Project Title	Name of Student	Name of Sponsored Industry / Research Institute/ Partnering Institution
1.	NIL		

**C. Industrial Visits**

Sr. No.	Name of industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1.	Rajgad Sugar Factory	23/12/2021	110
2.	Science Park, Pimpri –Chinchwad,Pune	19/4/2022	88



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

Sr. No.	Name of industry / Company Research Institute / Partnering Institution	Date of Commencement	Duration
1.	NA		

**Section VII: Student Progression****A. Placements**

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

**B. Higher Education**

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

**Section VIII: Activity Conducted / Organized by Department****A. Technical Event / Workshop 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	Quiz on Syllabus	Department	24/3/2022	University	57

**B. FDP /workshop/STTP/ Conference for faculty**

Sr. No.	Name of Event / Workshop	Date of Event	Level (University / State/ National / International)	No. of Participants
1.	NIL			





**Section IX: Achievements**

**A. Awards and Prizes received by students**

Sr. No.	Name of Student	Event Name/Details	Organized by	Achievement / Position / Prize
1.	Vasishnavi Pokale	Scholarship	Leclawala Foundation	Above 80% marks in 12 <sup>th</sup> Science.

**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	

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

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

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

Sr. No.	Name Of Faculty	Name of Award/Achievement
1.	Prof. R. B. Raut	Successfully cleared PET Exam and registered for Ph. D under SPPU in the year 2022.



## 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:



Head of the Department

Head of Department

First Year Engineering

Shri Chh. Shivajiraje College of Engg.  
Dhangawadi, Pune-412206



Principal  
Principal

Rajgurunandanpeeth's  
Shri Chhatrapati Shivajiraje College of Engg.  
Dhangawadi, Pune-412206

Recommendations:

1. Motivate the faculty to publish the research.
2. Organize more technical events for development of the personality and skill of students.
3. AMC working to better improvement in Academic for students.
4. Feedback for improvement should be taken and implementation from stack holders should be done.



External Auditor 1

Prin Dr. P.G. Deshmukh  
(A.T college Bhor).



External Auditor 2

Prin Dr. S.P. Chavan.  
(S.N.T.C.E, Bhor)