



RajgadDnyanpeeth'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, Email Id: sescoc@gmail.com

Internal Quality Assurance Cell

Academic and Administrative Audit

For Academic Year: 2020-2021

(Provide Information for Academic Year 2020-2021)

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	101
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	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
	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
	Nil		

Section III: Teaching Learning & 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
Semester I						
1	Engg. Maths I	B	Prof. Kale J. G.	48/6	48/6	40/4
2	Engg. Maths I	A	Prof Tapare B P.	48/6	48/6	40/4
3	Engg. Physics	B	Prof Raut R. B.	48/8	48/8	32/6
4	Engg. Chemistry	A	Prof. Kondhalkar A. K.	48/8	48/8	36/6
5	Engg. Mechanics	A&B	Prof. Jadhav G. S.	37/8	37/8	26/6
6	Basic Ele. Engg	A&B	Prof. Dudhane T. M.	36/8	36/8	24/6
7	System in Mechanical Engg.	A&B	Prof. Thorbole S. D.	36/8	36/8	26/6
8	Audit Course (EVS I)	A&B	Prof Tapare B P. Prof Raut R. B.	24	24	16
Semester II						
1	Engg. Maths II	A	Prof. Kale J. G.	54/6	54/6	55/6
2	Engg. Maths II	B	Prof Tapare B P.	54/6	54/6	56/6
3	Engg. Physics	A	Prof Raut R. B.	48/8	48/8	50/8
4	Engg. Chemistry	B	Prof. Kondhalkar A. K.	48/8	48/8	50/8
5	Engg. Graphics I	A&B	Prof. Thorbole S. D.	12/8	12/8	16



6	Basic Electro Engg	A&B	Prof. Bandal J. J	42/8	42/8	45/8
7	P. P. S.	A&B	Prof. Sondkar A. S.	45/8	45/8	46/8
	Audit Course (EVS 11)	A&B	Prof Tapare B P. Prof Raut R. B.	26	26	26

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. Jadhav G. 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. Sondkar A. S.	P. P. S.	PPT, LCD Projector, Youtube, Whatsapp

C. List of Expert Lecturers / Workshops Conducted

Sr.No	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)
1	Engineering Mathematics	Prof. Dr. P. G. Jadhav	20/03/2021	FE/SE
2	Engineering Graphics	Prof. Sachin Todkar	09/06/2021	FE



D. Activates for Slow and Advanced Lerner

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.	Engineering Mathematics-I	Prof. J. G. Kale	Yes	4 Hrs	Yes
2	Engineering Mathematics-II	Prof. J. G. Kale	Yes	4 Hrs	Yes

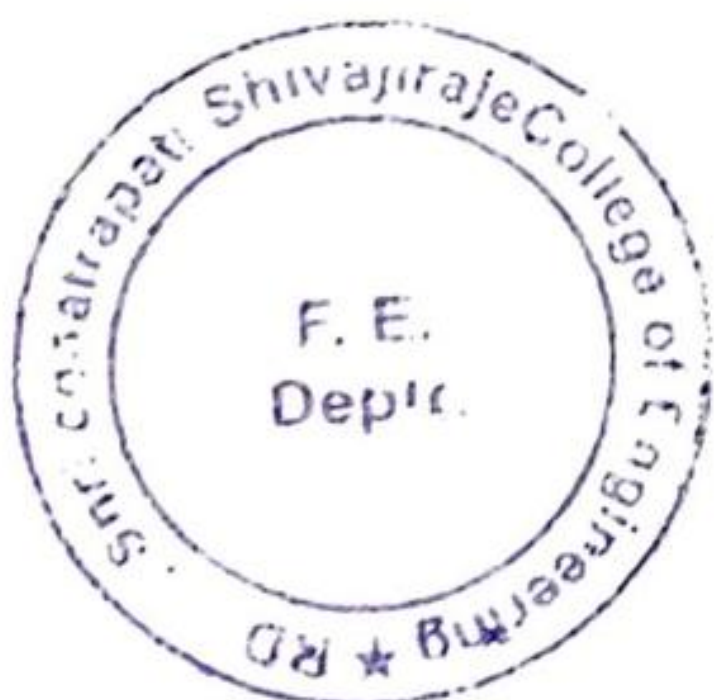
E. List of Bridge Courses Conducted

Sr.No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
1	Engineering Mathematics	Prof. J. G. Kale Prof. B. P. Tapare	FE Div- A& B	I
2.	Engineering Physics	Prof. R. B. Raut	FE Div- A& B	I
3.	Engineering Chemistry	Prof. A. K. Kondhalkar	FE Div- A& B	I

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
101	7	15:1



G. Internal Evaluation System

Sr. No.	Particular	Yes/No	Remark(if any)
1	Continuous Evaluation Record	Y	
2	Mock Online Exam Record	NA	
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	44	42
2	Number of All Clear Students	35	23
3	Number of students passed with distinction	18	05
4	Number of students passed with first class	17	13
5	Number of students passed with higher second class	00	05
6	Number of students passed with second class	00	00



7	Number of Students Failed	09	19
8	Passing Percentage	79.5%	54.76%

2. Semester II

Sr. No.	Particular	FE A	FE B
1	Number of students appeared	43	42
2	Number of All Clear Students	42	35
3	Number of students passed with distinction	29	11
4	Number of students passed with first class	11	24
5	Number of students passed with higher second class	02	00
6	Number of students passed with second class	00	00
7	Number of Students Failed	01	08
8	Passing Percentage (with ATKT)	100%	100 %

I. Remedial Coaching

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
1	Engineering Mathematics I	Prof. J. G. Kale	FE Div A & B	I
2	Engineering Mechanics	Prof G. S. Jadhav	FE Div A & B	I
3	Engineering Mathematics II	Prof. B. P. Tapare	FE Div A & B	II
4	Engineering Chemstry	Prof. A. K. Kondhalkar	FE Div- A& B	II

Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark(if any)
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	Y	

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)
	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
	NIL			

D. International Journal

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

E. National Conference

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

G. Books / Book Chapters

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

Section VI: Collaborations & Linkages

A. Student Internships

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

B. Sponsored Projects

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

C. Industrial Visits

Sr. No.	Name of industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
	NIL		

D. Functional Memorandum of Understanding (MoU)

Sr. No.	Name of industry / Company Research	Date of Commencement	Duration



	Institute / Partnering Institution		
	NA		

Section VII: Student Progression

A. Placements

Sr. No	Name of Students	Name of Company
	NA	

B. Higher Education

Sr. No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
	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	Technical Quiz on Syllabus (2019 Patt.)	Department	19/06/2021 to 20/06/2021	University	61
2	E-Quiz on	Department	08/12/2020	National	127



	Mathematics		to 22/12/2021		
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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	National Education Policy-2020	26/04/2021 to 30/04/2021	National	115

Section IX: Achievements

A. Awards and Prizes received by students

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

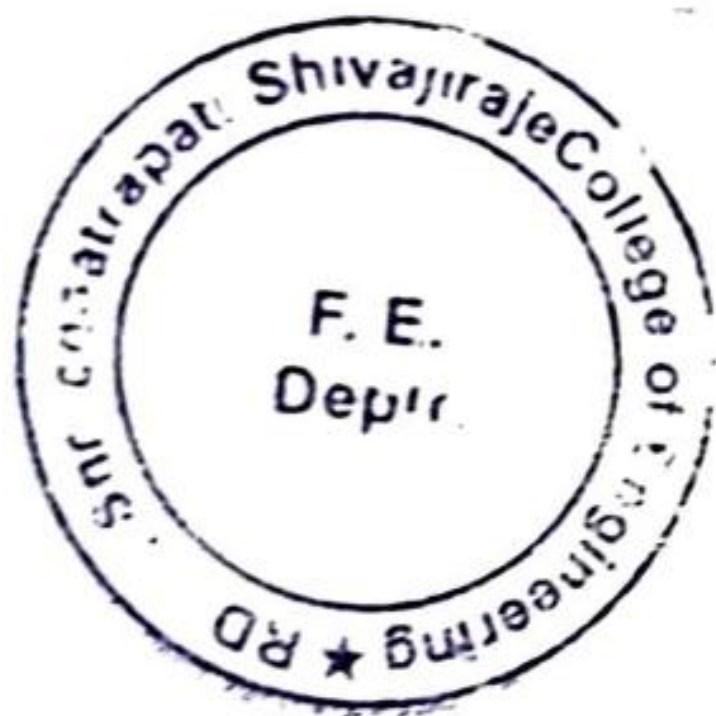
C. Details of teachers appointed/ Nominated on Editorial Boards/Reviewers



Sr. No.	Name of Faculty	Name of Editorial Boards /Conference
	NL	

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

Sr. No.	Name Of Faculty	Name of Award
	NIL	

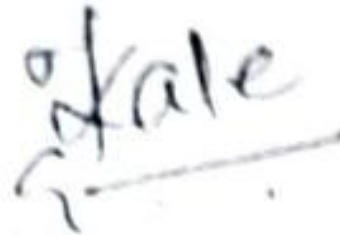


Male
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206


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:


Head of Department
Head of Department
First Year 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. Motivate the faculty to publish the research.
2. Organise more technical events to development of personality & skills of students.
3. AHC working to better improvement in Academic for students.
4. Feedback for improvement is taken and implemented from stake holders.


External Auditor 1


External Auditor 2