



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: scscoe@gmail.com

Criterion 2: Teaching Learning & Evaluation

2.3 Teaching and Learning Process-

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Sr. No	Sample Documentary Evidences
01	EXPERIENTIAL LEARNING
	1.1 Continuous Evaluation of Students for Lab-Sample
	1.2 Industrial Visits or Site Visits
	1.3 Internship of Students in Companies
	1.4 MOU with Institute/ Industries
02	PARTICIPATIVE LEARNING
	2.1 Student Participation in Competitions like Project and Paper Presentation.
	2.2 Workshops for Encouraging Students
	2.3 Group Discussions to Promote Communication Skills
	2.4 Seminar/Webinar/Guest Lecture to Build Students Confidence
	2.5 Technical Quiz Learning
2.6 Student Participation in Conference	
03	PROBLEM SOLVING LEARNING
	3.1 Industry Sponsored Projects
	3.2 Model Making by Student
	3.3 Mini Projects


Prof. Dr. S. B. Patil



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

1.1 Continuous Evaluation Sheet Sem I

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Electricals

Class : ITC

Batch : 2

Subject :- DTL

Sem: I/II

Assessment Year : 2021-2022

Roll No.	Name of Student	Experiment					Project					Total out of	Signature of Student	
		1	2	3	4	5	1	2	3	4	5			
1912201001	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201002	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201003	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201004	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201005	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201006	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201007	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201008	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201009	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201010	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201011	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201012	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201013	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201014	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201015	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201016	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201017	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201018	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201019	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201020	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201021	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201022	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201023	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201024	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201025	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201026	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201027	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201028	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201029	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201030	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201031	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201032	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201033	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201034	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201035	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201036	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201037	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201038	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201039	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek
1912201040	Abhishek Suresh D.	P	6/19	3	2	2	07	P	6/19	3	2	07	25	Abhishek

Prof. A : Present / Absent
Prof. B : Date of Completion
MR : Marks for experiment (03)
MP : Marks for Performance (40)



Head of Department
Dept. of Mechanical Engineering
Shri Chhatrapati Shivajiraje College of Engineering,
Dhangwadi, Pune-412208

Shri Chhatrapati Shivaji Rajee College of Engineering, Dhangwadi, Pune.
 PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical Class : I.E. Batch : 1 Semester : 1st Academic Year : 2022-23

Roll No.	Name of Student	Title of Experiment										Total Marks	Signature of Student
		1	2	3	4	5	6	7	8	9	10		
191020201001	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201002	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201003	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201004	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201005	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201006	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201007	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201008	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201009	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201010	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201011	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201012	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201013	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201014	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201015	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201016	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201017	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201018	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201019	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201020	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201021	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201022	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201023	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201024	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201025	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201026	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201027	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201028	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201029	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201030	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201031	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201032	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201033	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201034	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201035	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201036	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201037	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201038	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201039	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201040	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201041	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201042	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201043	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201044	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201045	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201046	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201047	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201048	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201049	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar
191020201050	Pratik S. Kumbhar	P	P	P	P	P	P	P	P	P	P	100	Pratik S. Kumbhar

Prof. Jankar A. J.
 Name & Sign of Subject Incharge

IP(A) : Present / Absent DC : Date of Completion MR : Marks for regularity (33) MP : Marks for Performance (4) Marks for Understanding (3)



Head of Department
 Dept. of Mechanical Engineering
 Shri Chhatrapati Shivaji Rajee College of Engineering
 Dhangwadi, Pune-412206

Shri Chhatrapati Shivaji Rajee College of Engineering, Dhangwadi, Pune.
 HELD BY DEPARTMENT'S
 PROFESSIONAL PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical Class : T.E. Branch : T Semester : 1 Subject : DEE Session : 18-19

Roll No.	Name of Student	TEST - 1					TEST - 2					Total	Signature of Student		
		1	2	3	4	5	1	2	3	4	5				
170111001	Kondhe, Shubham S	P	6/9	3	2	04	0/10	0	2	01	0/10	2	3	2	02
170111002	Kondhe, Siddhant P	P	6/9	3	2	04	0/10	5	2	04	0/10	3	2	3	02
170111003	Karnade, Dhanu P	P	6/9	3	3	04	0/10	4	3	10	0/10	4	3	10	
170111004	Karve, Anay P	P	6/9	3	3	04	0/10	0	3	01	0/10	5	3	2	04
170111005	Karve, Abhinav P	P	6/9	3	3	04	0/10	4	3	04	0/10	3	4	3	04
170111006	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111007	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111008	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111009	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111010	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111011	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111012	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111013	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111014	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111015	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111016	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111017	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111018	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111019	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111020	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111021	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111022	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111023	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111024	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111025	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111026	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111027	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111028	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111029	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111030	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111031	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111032	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111033	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111034	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111035	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111036	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111037	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111038	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111039	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111040	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111041	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111042	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111043	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111044	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111045	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111046	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111047	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111048	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111049	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04
170111050	Karve, Pratik P	P	6/9	3	3	04	0/10	3	3	03	0/10	3	3	3	04

Name & Sign of Subject Incharge
Prof. Jadhav A.T.

MP: Marks for regularity (3)
 MP: Marks for Performance (4)
 MP: Marks for Understanding (1)
 MP: Marks for Attendance (1)



Head of Department
 Dept. of Mechanical Engineering
 Dhangwadi, Pune-411008

Rajesh Dnyanesh's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.
 PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical Class : T.Y. Batch : 1 Semester : II Subject : DTF Session : 1/17 Academic Year : 2017-2018

Roll No.	Name of student	Date				Practical No. 1				Practical No. 2				Total mark	Signature of Student
		1	2	3	4	1	2	3	4	1	2	3	4		
1712	Sudharshi Dhanraj V	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1714	Shubham Prasad P	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1717	Adarsh Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1718	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1719	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1720	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1721	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1722	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1723	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1724	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1725	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1726	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1727	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1728	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1729	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1730	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1731	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1732	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1733	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1734	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1735	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1736	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1737	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1738	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1739	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]
1740	Arjun Dhanraj S	P	P	P	P	P	P	P	P	P	P	P	P	15	[Signature]

Name of Student : Arjun Dhanraj S
 Name of Teacher : [Signature]
 (P.A) : Present / Absent DC : Date of Completion MR : Marks for regularity (10) MR : Marks for Performance (4) MR : Marks for Understanding (3)

Head of Department
 Dept. of Mechanical Engineering
 Shri Chhatrapati Shivajiraje College of Engineering
 Dhangwadi, Pune-412206

1.1 Continuous Evaluation Sheet Sem II

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : mechanical

Class : EE

Batch : T

Subject : Industrial Engineering Sem : I/II

Academic Year : 2021 - 2022

Roll No.	Name of Student	Date						Analysis of student's work for regularity (03)						Analysis of student's work for understanding (3)						Appreciation of work (03)						Date Study based on (03)						Date Study based on (03)						Total out of	Signature of Student
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		
18D001	Ahobal Anshay B.	F	Yes	3	3	3	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	55	[Signature]
18D002	Ashwade Anay M.	F	Yes	3	3	3	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	51	[Signature]
18D003	Ashwade Anay S.	D	Yes	3	3	2	0	P	3	3	2	0	P	3	3	3	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	61	[Signature]
18D004	Sakalkar Anay B.	P	Yes	3	2	2	7	P	3	2	2	7	P	3	2	2	7	P	3	2	2	7	P	3	2	2	7	P	3	2	2	7	P	3	2	2	7	64	[Signature]
18D005	Randal Anand M.	P	Yes	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	50	[Signature]
18D006	Randal Anand V.	F	Yes	3	4	3	10	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	65	[Signature]
18D007	Salhi Anand M.	F	Yes	3	3	3	0	P	3	3	2	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	58	[Signature]
18D008	Ashwade Anand B.	F	Yes	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	49	[Signature]
18D009	Ashwade Anand A.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	58	[Signature]
18D010	Ashwade Anand B.	P	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	58	[Signature]
18D011	Ashwade Anand M.	F	Yes	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	55	[Signature]
18D012	Ashwade Anand A.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	55	[Signature]
18D013	Ashwade Anand S.	F	Yes	3	4	2	10	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	54	[Signature]
18D014	Ashwade Anand M.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	59	[Signature]
18D015	Ashwade Anand B.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	56	[Signature]
18D016	Ashwade Anand P.	F	Yes	3	3	2	7	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	P	3	3	2	0	40	[Signature]
18D017	Ashwade Anand T.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	58	[Signature]
18D018	Ashwade Anand C.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	58	[Signature]
18D019	Ashwade Anand V.	F	Yes	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	55	[Signature]
18D020	Ashwade Anand B.	P	Yes	3	3	2	7	P	3	3	2	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	P	3	3	3	0	51	[Signature]

Prof. JOHNSON A.T.
Name & Sign of Subject Incharge



[Signature]
Head of Department
Dept. of Mechanical Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangwadi, Pune-412206

(P/A) : Present / Absent

DC : Date of Completion

MIR : Marks for regularity (03)

MIP : Marks for Performance (4)

MUR : Marks for Understanding (3)

Rajgad Dayanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical

Class : BE

Batch : I

Subject : Industrial Engineering Sem : II

Academic Year : 2011 - 2012

Roll No.	Name of Student	Practical work based on laboratory model						Theory questions for regularity attendance						Marks of Model Questions						Marks of work submitted						Marks of study based on regular study						Total out of	Signature of Student
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		
100051	Deepak Sanjay S	P	Yes	3	4	3	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	58	[Signature]
100052	Dagadu Vilas M	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	56	[Signature]
110025	Dave Sudashan M	P	Yes	0	0	2	2	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	52	[Signature]
110024	Davale Sandhya P	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	52	[Signature]
110023	Deshmukh Pratik A	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	52	[Signature]
110014	Deshmukh Komal Y	P	Yes	0	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	49	[Signature]
110013	Deshmukh Chital V	P	Yes	3	3	2	8	P	Yes	0	0	0	0	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	49	[Signature]
110012	Doladekar Sandip G	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	63	[Signature]
110028	Durane Yash G	P	Yes	3	3	3	9	P	Yes	3	2	2	7	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	49	[Signature]
110026	Durband Pratik S	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	49	[Signature]
110031	Durgalekhanam P	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	52	[Signature]
110021	Durgalekhanam P	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	65	[Signature]
110030	Durgalekhanam P	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	47	[Signature]
110029	Durgalekhanam P	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	56	[Signature]
110027	Durgalekhanam P	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	53	[Signature]
110036	Durgalekhanam P	P	Yes	0	0	2	2	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	51	[Signature]
110037	Durgalekhanam P	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	49	[Signature]
110038	Durgalekhanam P	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	63	[Signature]
110039	Durgalekhanam P	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	54	[Signature]
110040	Durgalekhanam P	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	63	[Signature]

[Signature]
Prof. Jadhav A.T.
Name & Sign of Subject Incharge



[Signature]
Head of Department
Head of Department
Dept. of Mechanical Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangwadi, Pune-412206

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical

Class : EC

Batch : J

Subject : Industrial Engineering Sem: I/II

Academic Year : 2018 - 2019

Table with columns for Roll No., Name of Student, Title of Experiment, Date, and various assessment criteria (1-36) including attendance, regularity, and performance. Includes student signatures and a total score column.

Prof. Jadhav A.T. Name & Sign of Subject Incharge



Head of Department Dept. of Mechanical Engineering

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

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

Rajgad Dayanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical

Class : BT

Batch : I

Subject : Industrial Engineering Sem : I/II

Academic Year : 2019-2020

Roll No.	Name of Student	Simulation of Experiments and Laboratory Models						Regularity of Attendance						Analysis of Material Handling System						Application of Cost Estimation Method Study						Practical Study Based on Supply Chain Model						Case Study Based on Real-World Model						Total out of	Signature of Student
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6		
191001	Mase Kulkarni	P	Yes	3	2	2	7	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Mase
191004	Mishra Jyoti H	P	Yes	3	3	2	8	P	%	3	2	2	7	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Mishra
191005	Patil Anurag S	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	50	Patil
191006	Panagar Pratik S	P	Yes	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Panagar
191007	Parashar Anurag E	P	Yes	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Parashar
191008	Patil Chandanram	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191009	Patil Tejaswini S	P	Yes	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191010	Patil Shubham S	P	Yes	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191011	Patil Abhijit P	P	Yes	2	2	2	7	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Patil
191012	Patil Prashant P	P	Yes	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191013	Patil Anurag V	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	63	Patil
191014	Patil Harshada V	P	Yes	3	4	3	10	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	61	Patil
191015	Patil Jyoti P	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191016	Patil Pranali S	P	Yes	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Patil
191017	Patil Suhil S	A	Yes	0	0	2	2	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	44	Patil
191018	Patil Akash R	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	3	2	8	P	%	3	3	2	8	51	Patil
191019	Patil Divya S	P	Yes	3	3	2	8	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	42	Patil
191020	Patil Ananya S	P	Yes	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	51	Patil
191021	Patil Ananya S	P	Yes	3	3	3	9	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	P	%	3	3	2	8	58	Patil
191022	Patil Ananya S	P	Yes	3	3	2	8	P	%	3	3	2	8	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	P	%	3	2	2	7	58	Patil

Prof. Jadhav A.T.
 Name & Sign of Subject Incharge



[Signature]
 Head of Department
 Dept. of Mechanical Engineering
 Shri Chh. Shivajiraje College of Engg
 Dhangwadi, Pune-412206

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

Total Marks (10)

Rajgad Dayanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : mechatronics

Class : BE

Batch : 7

Subject :- Industrial Engineering Sem A/II

Academic Year : 2021-2022

Roll No.	Name of Student	Date of completion of experiment						Marks for regularity						Marks for understanding						Marks for performance						Total out of 100	Signature of Student						
		1 (P/A)	2 (DC)	3 (MR)	4 (MP)	5 (NR)	6 (TM)	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6			1	2	3	4	5	6
18F024	Enal Vijay E	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	58	Jayraj
18D025	Sabait Rupendra P	P	Yes	3	2	2	7	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	3	2	8	51	Sabait
18F026	Sabankhe Aditi S	P	Yes	3	4	3	10	P	Yes	3	4	3	10	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	4	3	10	68	Aditi
18D027	Sagar Aitesh E	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	4	3	10	63	Sagar
18F028	Sagar Yash E	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	4	3	10	65	Yash
18F029	Sajay Kisan B N	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	2	8	58	Sajay
18D030	Sawant Kavya S	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	P	Yes	3	3	2	8	56	Sawant
18F031	Shaikh Rubha T.	P	Yes	3	3	3	9	P	Yes	3	4	3	10	P	Yes	3	3	3	9	P	Yes	3	4	3	10	P	Yes	3	4	3	10	68	Shaikh
18F032	Shaikh Saikat S	P	Yes	3	3	2	8	P	Yes	0	0	2	2	P	Yes	3	3	3	9	P	Yes	2	3	2	8	P	Yes	3	3	3	9	49	Saikat
18F033	Shaikh Noman S M	P	Yes	3	3	3	9	P	Yes	3	2	2	7	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	2	8	58	Noman
18F034	Shaikh Nuryaban F	P	Yes	3	4	3	10	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	3	9	63	Shaikh
18D035	Safali Khawajadar	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	47	Safali
18F036	Shinde Omkar V	A	Yes	0	0	2	2	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	3	2	8	47	Shinde
18D037	Shinde Shingaj H	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	2	8	58	Shinde
18D038	Shenayy Dattatray	P	Yes	3	2	2	7	P	Yes	3	3	2	8	P	Yes	3	2	2	7	P	Yes	3	2	2	7	P	Yes	3	2	2	7	51	Dattatray
18F039	Shenayy Sakshi R	P	Yes	3	4	3	10	P	Yes	3	4	3	10	P	Yes	3	3	2	8	P	Yes	3	4	3	10	P	Yes	3	3	3	9	65	Sakshi
18D040	Surwase Bhagyashri	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	2	8	P	Yes	3	3	2	8	58	Surwase
18D041	Talekar Omkar E	P	Yes	3	4	3	10	P	Yes	3	2	2	7	P	Yes	3	3	2	8	P	Yes	3	3	3	9	P	Yes	3	3	3	9	58	Omkar
18F042	Talekar Pranit V	P	Yes	3	4	3	10	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	4	3	10	P	Yes	3	3	3	9	65	Pranit
18F043	Talwar Suraj E	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	P	Yes	3	3	3	9	63	Talwar

Prithi Jadhav A. I.
 Name & Sign of Subject Incharge



Prithi Jadhav A. I.
 Head of Department
 Head of Department
 Dept. of Mechanical Engineering
 Shri Chh. Shivajiraje College of Engg
 Dhangwadi, Pune-412206

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MU : Marks for Understanding (3)

MT : Marks for Total (10)

Rajgad Dayanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune.

PROGRESSIVE PRACTICAL INTERNAL CONTINUOUS ASSESSMENT RECORD SHEET

Department : Mechanical

Class : BE

Batch : I

Subject : Industrial Engineering Sem: I/II

Academic Year : 2011 - 2012

Roll No.	Name of Student	Evaluation of teaching aids (P/A) (DC) (MR) (MP) (MI) (UI)						Review / Speech for assignment / project of this topic						Proficiency of work on this topic / knowledge of this topic						Practical study based on method / study						Practical study based on supply chain / method of this topic						Case study based on case / scenario / model of this topic						Total out of	Signature of Student	
		1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6			
BMC	180104	Sanket Patil	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	63	[Signature]
BMC	181105	Yashraj Desai	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	58	[Signature]
BMC	183101	Tanujay Patil	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	58	[Signature]
BMC	183101	Amanjot Shobit G	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	58	[Signature]
BMC	180101	Harsh Desai	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	P	1/2	3	3	3	9	58	[Signature]

[Signature]
Prof. Jagdish A.T.
Name & Sign of Subject Incharge



[Signature]
Head of Department
Head of Department
Dept. of Mechanical Engineering
Shri Chh. Shivajiraje College of Engineering
Dhangwadi, Pune-412206

(P/A) : Present / Absent

DC : Date of Completion

MR : Marks for regularity (03)

MP : Marks for Performance (4)

MI : Marks for Understanding (3)

1.2 Industrial Visit Or Site Visits



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhungawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 - Teaching Learning & Evaluation

Key Indicator - 2.3.1 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

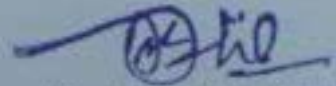
INDUSTRIAL VISITS DETAILS A.Y 2021-22

Sr.No	Name of the industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Students Participated	Name of the Department
1	Site Visit at Metrological Station, Kenjal	07/12/2021	40	CIVIL
2	Site Visit at Waste Water Treatment Plant, Kenjal	07/12/2021	40	CIVIL
3	Site Visit at Earthen Gunjawani Dam, Gunjawani, Tal-Velhe, Dist-Pune	12/04/2022	50	CIVIL
4	Site visit at Gunjawani Hydropower Plant, Gunjawani, Tal-Velhe, Dist-Pune	12/04/2022	50	CIVIL
5	Site visit at Thermal fecal sludge treatment Plant, Wai Taluka -Wai, Dist-Satara	13/05/2022	55	CIVIL
6	Site Visit at Material Recovery Facilities Center, Wai Taluka -Wai, Dist-Satara	13/05/2022	55	CIVIL



7	Site Visit at Khambataki Tunnel, Khandala, Taluka Khandala, Dist-Satara	04/04/2022	45	CIVIL
8	Rajgad Sahakari Sakhar Karkhana Ltd. Ananatanagar Nigade	17/12/2021	68	Mechanical
9	Pune Alternate Fuel Exhibition arranged at Sinchan Bhawan, Ground Agriculture College, Shivajinagar, Pune	05/04/2022	45	Mechanical
10	Hydro Electric Power Station, Dhoni	19/05/2022	55	Mechanical
11	QualEx Systems Pvt. Ltd., Pune.	01/03/2022	62	Computer
12	VCB Electronics Pvt. Ltd	22/02/2022	70	E&TC
13	CEM Electromech Pvt. Ltd.	28/04/2022	61	E&TC
14	TE Connectivity India Pvt Ltd	17/05/2022	45	E&TC





Prof. Dr. S. B. Patil
Principal

Rajgad Dnyanpeeth Technical Campus
Shri Chhatrapati Shivajiraje College of Engineering
Dhansawadi, Bhor, Pune- 412 205



DEPARTMENT OF CIVIL ENGINEERING

Date:-01/04/2022

NOTICE

We are organizing an Industrial Visit for Final year students of Civil Engineering department at Khambatki Tunnel, Tal-Khandala, Dist-Satara on 04th April 2022, Monday.

There will be no classes for those students who will attend the visit on that day. Students are required to be in formal and carry their Identity card.

Following faculty members will accompany the students on Industrial visit:

1. Dr. S. S. Sayyed
2. Prof. S. S. Jadhav

Prof. S. S. Jadhav

Subject Coordinator

Dr. S. S. Sayyed
Head of Department
Dept. of Civil Engineering
HOD
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Anant Rao Thopte
Founder President, Ex. Edu. Minister

Sangram Thopte
MLA, Executive President

Dr. Bhagyashri Patil
Hon. Secretary

Dr. S. B. Patil
Principal

RD/SCSCOE/CIVIL/VISIT/2021-22/311

Date: 28/03/2022

To,
The Project Director,
NHAI PIU, Pune
Warje, 411058
Maharashtra.

Subject: Permission to Visit Ongoing Construction Site of Twin Tunnels at Khambatki Ghat.

Respected Sir,

Our Rajgad Dnyanpeeth's, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi (Bhor) is affiliated to Savitribai Phule Pune University. Throughout the academic year we are arranging various co-curricular and extra-curricular activities for the students and staff to motivate the young talents in Engineering and Technology who are pillar of future India. It is our sincere request to you please permit us to visit ongoing construction site of twin tunnels at Khambatki Ghat Section.


This visit will enhance the skill of students to encourage the creative thinking process to help them to get confidence about the actual field work. On the behalf of Shri Chhatrapati Shivajiraje College of Engg. Dhangawadi, I assure that our students will maintain discipline and follow all safety protocols and rules regulations during the visit.

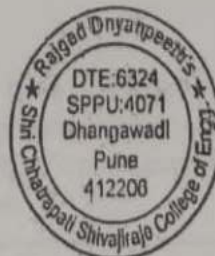
Details about number of students & tentative dates are as follows,

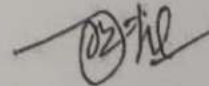
- Name of Faculty: Asst. Prof. Shital. P. Salunkhe
(Contact No-9860171442, Mail id-shitalpsalunkhe@gmail.com)
- No of Students: 61
- No of Faculty members: 05
- Tentative Date: 04-04-2022, Friday

Kindly do the needful.

Thanking you.


Dr. S. S. Sayyed
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206




Prof. Dr. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण

(सड़क परिवहन और राजमार्ग मंत्रालय, भारत सरकार)

National Highways Authority of India

(Ministry of Road Transport & Highways, Govt. of India.)

Project implementation Unit, Pune.

स.नं. १३४/१, बायफ भवन कॅम्पस, डॉ. मणीभाई देसाई नगर, वारजे, पुणे - ४११ ०५८, महाराष्ट्र राज्य.

S.No. 134/1, BAIF Bhawan Campus, Dr. Manibhai Desai Nagar, Warje Pune - 411 058. Maharashtra State.

दूरभाष/Tel.: 020 29706884 / 85 / 81 Email: pune@nhai.org



NHAI/PIU/PUNE/New KT/2022/1102

29.03.2022

To,
Prof. Dr. S. B. Patil,
Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineer,
Dhangawadi, Pune - 412 206.

RD'S SCSCOE

Inward No. : 106

Date : 8/06/2022

Sub.: Construction of new six lane tunnel at Khambataki Ghat section of NH-4 and its approaches from Existing Km 771.730 to existing Km 782.000 in the state Maharashtra - Permission for technical site visit at Khambataki Tunnel Work - Reg.

Ref.:

1. Your office letter No. 311 dated 28.03.2022.

Sir,

1. Please refer your office letter regarding above mentioned subject.
2. It is to inform you that, necessary directions are given to Contractor & Authority Engineer of the Project regarding your site visit, *scheduled on 04th April*.
3. You are requested to follow all safety norms at site as directed by Contractor. Your safety is solely your responsibility. Wearing of helmet and safety jacket is compulsory at site. Neither NHAI nor Contractor will be responsible for any mishappening at site.
4. Based on above conditions, permission is granted for technical site visit.
5. This letter is issued with the approval of Project Director.

Thanking you,

Yours sincerely,

(Abhijeet Aute)
Dy. Manager (Tech)

Encl.: As above

Copy to:

1. M/s Gayatri Projects Ltd - Crescent EPC Projects & Technical Services Pvt. Ltd. (JV) - provide all necessary information & guidance as desired by visitors.
2. M/s. Segmental Consulting and infrastructure Advisory Pvt.Ltd.in JV with SOWIL Ltd - for information and necessary action.
3. Master file.

प्रधान कार्यालय : जी 5 एवं 6, सेक्टर 10, द्वारका, नई दिल्ली - 110 075 दूरभाष: 2507 4100 / 2507 4200 फैक्स: 011 - 2509 2507 / 2509 3514

वेबसाईट: <http://www.nhai.org>

Head Office: No. G5 & 6, Sector 10, Dwarka, New Delhi - 110 075. Tel. No.: 011 - 2507 4100 / 2507 4200 Fax No. 011 - 2509 2507 / 2509 3514

Web Site : <http://www.nhai.org>

Rajgad Dnyanpeeth's
RAJGAD DNYANPEETH TECHNICAL CAMPUS
Shri Chhatrapati Shivajiraje College of Engineering
(S. No. 237, Dhangawadi, Tal- Bhor, Dist- Pune – 412206)

REF: - RD/SCSCOE/CIVIL/ 2021-22/

Date: - 31/03/2022

To,
The Estate Manager,
RDTC, SCSCOE,
Dhangawadi

Subject: - About requirement of bus facility for academic visit.


Respected Sir,

As per Curriculum of Savitribai Phule University of Pune, we have technical visit for S.E/T.E./B.E. Civil Engineering Students regarding the Transportation Engineering subject. We have decided to visit ongoing construction site of **Khambatki Tunnel, Khandala, Taluka-Khandala**. In this context we need bus facility on **4th April 2022 at 10.00 am** from our College Campus.

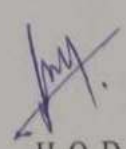
Kindly do the needful

Thanking You.

Yours Faithfully


Subject Teacher




H. O. D.
(Dept. Of Civil Engineering)
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of E
Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (Maharashtra)

Dept.: Civil Engineering

Academic Year: 2021-22

SITE VISIT REPORT

Date: - 05/04/2022

- 1) **Class:** B.E Civil
 - 2) **Subject:** Construction Management
 - 3) **Name of Site:** Khambatki Tunnel, Velu ,Taluka-Khandala, Dist-Satara
 - 4) **Date & Time:** Monday, 01.04.2022 & 11.00 am To 2.30 pm
 - 5) **Present Students:**50/02
 - 6) **Contact Person with Designation:** Mr. Abhijeet Aute (Dy. Manager (Tech))
 - 7) **Name of Faculty:** Prof. S. S. Jadhav & Dr. S. S.Sayyed
- As a part of academic curriculum, we visited the above site. We observed & studied the following things.

Content of studies:

- i. Study of Concept of Tunnel , components of Tunnel and its design
- ii. Study of Equipment & method used for tunnel construction
- iii. Study of Tunnel project details

The basic need of a project to provide ease out traffic congestion especially in Ghat Section & Old tunnel. And also reduce travel time. The main objective of the construction of tunnel and widening of the existing 4 laning road into six lanes is to improve the performance of the national road transport network. Apart from connectivity considerations, the corridor has been perceived to be important from the perspective of development in Satara district in general and Khambatki region in particular.

- Type- Transportation Tunnel
- Lane- 06
- Impounds- Khambataki Ghat Section of NH-4
- Length- 1148 m
- Diameter- 18m

Photos:-



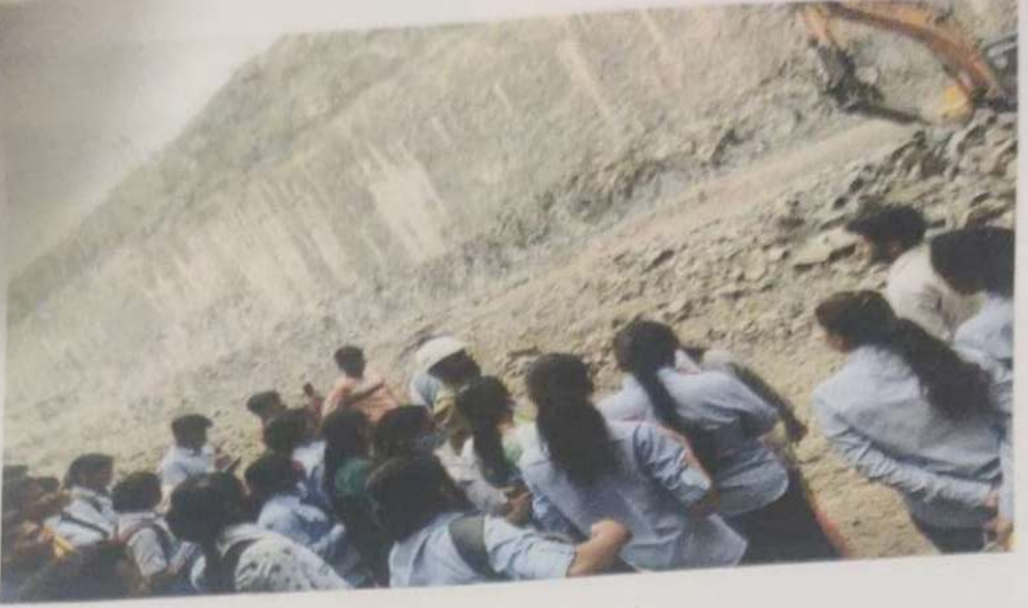


Photo . Geological Information



Photo :Site photo





Photo : Precaste Girder Member



Photo : Tunnel Construction Equipment





Photo : With Project Team Member

Prof. S. S. Jadhav
Faculty In-charge

Dr. S. S. Sayyed
Head of Department
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



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

DEPARTMENT OF CIVIL ENGINEERING

A.Y.-2021-22 Date: -04/04/2022

B.E Civil-List of students Enrolled for Industrial visit

Sr. No.	Roll No.	Name of Student	Sign
1	BCI19D001	BANDGAR PRIYA ABASO	
2	BCI19D002	BARGE RUTUJA NANDKUMAR	 AB
3	BCI18D003	BELVANKAR SWAPNIL SANJAY	 AB
4	BCI19D004	BHILARE AKSHAY SHANKAR	
5	BCI19D005	BHOSALE RUSHIKESH KAMALAKAR	 Cholan BOB..
6	BCI19D006	BOBADE SHUBHAM MOHAN	 Chavan..
7	BCI19D007	CHAVAN KUNAL BALASAHEB	 Chavan..
8	BCI18D008	CHAVAN SHUBHAM DEVRAM	 Chavan S
9	BCI19D009	CHAVAN SHUBHAM SHIVAJI	 Chavan..
10	BCI19D010	CHAVARE RUSHIKESH BABAN	 ANIL Deshmukh..
11	BCI19D011	DESHMUKH HARSHAD ANIL	 Anil Deshmukh..
12	BCI19D012	ERATKAR SATYAM ARUN	 AB
13	BCI16D013	GUJALWAD AJAY NIVRUTTI	 Gajjar
14	BCI19D014	GUJAR MRUNAL SHEKHAR	 Hiremath
15	BCI19D015	HIREMATH PAVANKUMAR S.	 Ingaule A D
16	BCI19D016	INGVALE AKSHAY DATTATRAY	 Jatap
17	BCI19D017	JAGTAP VINAY CHANDRAKANT	 Kadam..
18	BCI19D018	KADAM SHRIDHAR KANTILAL	 Pruthviraj..
19	BCI19D019	KHAMBE PRUTHVIRAJ SHIVAJI	 Nikhil
20	BCI18D020	KHOPADE NIKHIL ATMARAM	 Yogita..
21	BCI19D021	KOKARE YOGITA RAJENDRA	 OMKAR KORADE
22	BCI19D022	KORADE OMKAR TANAJI	 A.B
23	BCI15D023	KULKARNI ROHIT RAMAKANTRAO	 AB
24	BCI19D024	KUMBHARKAR RITESH VIJAY	 Kunhir..
25	BCI19D025	KUNJIR ABHIJIT KISAN	 Kunjir..
26	BCI18F026	KUNJIR ABHISHEK VIKAS	 KURALE V.S
27	BCI19D027	KURALE VIJAYA SHRIRANG	



28	BC119D028	MALI ANIKET TANAJI	M. Tunaji
29	BC119D029	MALUSARE BHAGYASHRI VIKAS	Malusari
30	BC117F030	MANE RUTUJA RAJENDRA	Putiya
31	BC119D031	MISAL PRAJAKTA SHARAD	Prajakta
32	BC119D032	MOHITE PAYAL SURESH	Suresh
33	BC118F033	MORE VAISHNAVI BHANUDAS	VB More
34	BC119D034	PARDESHI SWAPNIL RAJENDRA	R. perdenhi
35	BC119D035	PATIL PRUTHVIRAJ PANDURANG	AB
36	BC119D036	PATIL SUDARSHAN DNYANDEV	Dnyanoo Patil
37	BC117F037	PATIL SUSHANT SANJAY	dangay patil
38	BC117F038	PATIL UTKARSH BALASO	Patil Balaso
39	BC119D039	PAWALE RAHUL KESHAV	Keshav Pawale
40	BC116D040	PAWAR PRAVIN PRAKASH	P. Pawar
41	BC118F041	PAWAR SHUBHAM ANIL	Shubham
42	BC117F042	PHALKE ANIKET ANANDRAO	A. Phalke
43	BC116F043	PHULE SAURABH BALASAHEB	Phule
44	BC119D044	RAJEBHOSALE RUSHIKESH V.	AB
45	BC119D045	RANE PRAJWAL GANGARAM	P. Rane
46	BC119D046	SABLE DIGVIJAY ROHIDAS	D. Sable
47	BC119D047	SARKALE PRAJAKTA SATISH	S. Sarkale
48	BC118F048	SHEDGE PRAJAKTA HIRALAL	H. Shedge
49	BC117F049	SHINDE ABHISHEK SUNIL	A. Shinde
50	BC119D050	SHINDE SANDEEP KRISHNA	AB
51	BC118F051	SONAWANE PRAJAKTA SANDESH	S. Sonawane
52	BC119D052	SUKALE VISHAL BHAU	V. Sukale
53	BC119D053	SUTAR VISHAL DINKAR	V. Sutar
54	BC119D054	THOPATE PRITESH NAMDEV	AB
55	BC117F055	VALKUNDE KARAN RAJENDRA	Val. Karan
56	BC117F056	VALKUNDE VISHAL JAYWANT	V. Valkunde
57	BC119D057	WANKHEDE PRITI VISHWAMBAR	AB
58	BC119D058	YADAV SANDESH SHARAD	Yadav
59	BC119D059	ZAGADE ROHIT TUKARAM	Zagade
60	BC116D060	SHEDGE NIKHIL SUSHIL	AB
61	BC115D061	CHAVAN CHAITANYA SUBHASH	AB

Total Strength of Student:



Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra & DTE, Mumbai, and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engg./376/2009), DTE CODE : EN3624,

॥ प्रथमं ध्यानं ॥



Since-1972

Anantrao Thopte
Founder President, Ex. Edu. Minister

Sangram Thopte
MLA, Executive President

Sau. Swarupa S. Thopte
Hon. Secretary

Dr. S. B. Patil
Principal

RD/SCSCOE/CIVIL/VISIT/2021-22 /

Date: - 04/04/2022

To,
Managing Director,
Gayatri Projects Ltd.,
Hyderabad.

Subject:-Letter of Gratitude.

Respected sir,

It gives us immense pleasure in thanking you for allowing an educational visit to Tunnel Construction Project, Khambataki Ghat dated on 04th April 2022.

It was a great learning experience for our students, a detailed briefing given by staff is worth appreciation.

Thank you once again for your support and I hope that we will continue to receive your cooperation future.

Thanking You

Yours faithfully

Head of Department
Dr. S. S. Sayyed
Dept. of Civil Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206



Received
4/4/22



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, Email Id: rajgad@rajgad.edu.in


DEPARTMENT OF MECHANICAL ENGINEERING

NOTICE

Date: 03/04/2022

All Mechanical Engineering students are hereby informed that our Mechanical Engineering Department organized a **visit to Pune Alternate Fuel Conclave (AFC)**, an initiative of the Government of Maharashtra, is being organised by Maharashtra Industrial Development Corporation (MIDC) and Maharashtra Pollution Control Board (MPCB), in association with Maratha Chamber of Commerce, Industries and Agriculture (MCCIA) on **5th April 2022** at **Sinchan Nagar Ground, Agriculture College, Pune**. Attendance is mandatory to all students.




Prof. S. K. Pawar
Head of Department

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

4/3/2022

To

The Principal,

SCSCOE, Bhor, Pune

Subject-Permission to visit Pune Alternate Fuel Exhibition.

Respected Sir,

To create awareness about alternative fuels which can be used to protect environment by reducing pollution, Govt. of Maharashtra arranged Alternate Fuel Exhibition in association with Maharashtra Industrial Development Corporation(MIDC), Maharashtra Pollution Control Board(MPCB) and Maratha Chamber of Commerce and Agriculture(MCCIA) at Sinchan Bhawan Ground, Agriculture college, Pune during 2nd April to 5th April 2022. Visit to exhibition is beneficial to Mechanical Engineering students to enhance their knowledge. Directorate of Technical Education also informed us to visit exhibition. Fourty five students along with 2 staff members are willing to visit exhibition tomorrow i.e. 5th April 2022. Please give us permission to visit exhibition with necessary arrangement of one bus from college to Shivajinagar, Pune.

Thanking you.

Yours Truly,

[Signature]
Head of Department

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

Permitted
[Signature]

Estate Manager / Transport Incharge

Kindly do the needful

[Signature]
4/04/2022





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, Email Id: scscoe@rajgad.com

PUNE ALTERNATE FUEL CONCLAVE-2022 VISIT REPORT

Date: 05/04/2022

Time : 11 AM to 6 PM

Venue : Sinchan Nagar Ground, Agriculture College, Pune

Faculty Members:

1. Prof. S. K. Pawar
2. Prof. M. B. Bankar

About the Pune Alternate Fuel Conclave 2022-

The Pune Alternate Fuel Conclave (AFC), an initiative of the Government of Maharashtra, is being organised by Maharashtra Industrial Development Corporation (MIDC) and Maharashtra Pollution Control Board (MPCB), in association with Maratha Chamber of Commerce, Industries and Agriculture (MCCIA) from 2nd to 5th April 2022, in Pune.

The objectives of the Conclave include:

- To attract investment in alternate fuels & clean mobility in Maharashtra by positioning the state as a domain leader
- To provide a platform for dialogue between key stakeholders on clean mobility technologies
- To create an awareness among the masses about clean mobility initiatives across the globe
- To help design and conceptualise a pathway for promoting clean mobility solutions

Pune AFC 2022 will host India's largest vehicle exhibition exclusively focused on alternate fuel technologies in Conclave. Two-wheelers, three-wheelers, cars, goods vehicles, and buses from leading manufacturers like Tata Motors, Piaggio, Skoda, Volkswagen, KPIT, etc. powered by electricity, hydrogen fuel, and biofuels on display for students in this conclave. Also, different Companies have launched new products on the auspicious occasion of Gudi Padwa. The exhibition is free for anyone to attend. Pune's Regional Transport Office (RTO) also present at the Exhibition to facilitate purchase and easy registration of new vehicles by the citizens. Pune



EV Cell is also present at the Exhibition to act as a knowledge hub for the citizens and to spread awareness about electric vehicles and various government policies.

An Pune AFC 2022 visit at Sinchan Nagar Ground, Agriculture College, Pune was done by the SCSCOE, third year 60 students on 5th April 2022. Such visits really added up to the little knowledge of the students and everyone wished for this to happen time and again to seek some exposure and motivation. Everyone is thankful to Prof. S. K. Pawar, HOD Mechanical Engineering for organizing this visit.



Group Photo of Pune AFC 2022 visit at Sinchan Nagar Ground, Agriculture College, Pune



President of MCCIA addressing Pune AFC 2022





Photograph during Pune AFC 2022 visit



Photographs during Pune AFC 2022 visit

Prof. S. K. Pawar
HOD, Mechanical Engg.
Head of Department
 Dept. of Mechanical Engineering
 Shri Chh. Shivajiraje College of Engg.
 Dhangawadi, Pune-412206

Prof. Dr. S. B. Patil
Principal

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



Sr. No.	Roll No.	Name of Student	Sign
1	BME 20D001	ALGUDE SWAPNIL DILIP	Swapnil
2	BME 20D002	AWADE SHRIKANT SUNIL	Shrikant
3	BME 20D003	BADAR ABHINAV SUBHASH	Abhinav
4	BME 20D004	BENDRE ABHISHEK GAJANAN	Abhishek
5	BME 18F005	BHALGHARE PANDURANG NARAYAN	Pandurang
6	BME 20D006	BHIVATE KARTIK PRAHARAKAR	Kartik
7	BME 20D007	BHOSALE AKANKSHA VIJAY	Akanksha
8	BME 20D008	BHOSALE NILAM SANJAY	Nilam
9	BME 20D009	BHOSALE SHAMBHURAJ DATTATRAY	Shambhuraj
10	BME 20D010	BHOSALE YASH SANTOSH	Yash
11	BME 16D011	BIRADAR AKASH DINKAR	Akash
12	BME 20D012	BIRADAR ANIKET GOVIND	Aniket
13	BME 20D013	BOBADE AVDHUT ANIL	Avdhut
14	BME 20D014	BORKAR PRAVIN DADASAHEB	Pravin
15	BME 20D015	CHAVAN DNYANRAJ PRAVIN	Dnyanraj
16	BME 20D016	CHAVAN OMKAR BALKRUSHNA	Omkar
17	BME 20D017	CHAVAN SAGAR RAMDAS	Sagar
18	BME 20D018	CHOUGULE PAVAN DHANANJAY	Pavan
19	BME 19F019	DABHOLKAR ATHARVA GURUPRASAD	Atharva
20	BME 18F020	DEVKAR KEWAL YUVRAJ	Kewal
21	BME 20D021	DEVLEKAR SAURABH SANJAY	Saurabh
22	BME 20D022	DHAIGUDE SAGAR RAMESH	Sagar
23	BME 19F023	DHAME SHRINIVAS BALASO	Shrinivas
24	BME 20D024	DHANAWADE SALONI KISAN	Saloni
25	BME 20D025	GADE SOMANATH ASHRUBA	Somanath
26	BME 20D026	GAIKWAD SOURABH ANNASO	Sourabh
27	BME 20D027	GHADGE ATISH SAYAJI	Atish
28	BME 20D028	GUJAR CHIRAG RAJESH	Chirag
29	BME 20D029	HARIHAR KIRAN DEEPAK	Kiran
30	BME 20D030	INGULKAR RUSHIKESH PRAVIN	Rushikesh
31	BME 18F031	JADHAV ANIKET SANJAY	Aniket
32	BME 20D032	JADHAV KIRAN RAJARAM	Kiran
33	BME 18F033	JADHAV KISHOR HIRALAL	Kishor
34	BME 20D034	JADHAV RAVIRAJ SHRIKANT	Raviraj



Sl. No.	Roll No.	Name of Student	Sign
37	BME 20D035	JADTAP SHUBHAM ANIL	[Signature]
36	BME 20D036	JADTAP SURAJ VASANT	[Signature]
37	BME 20D037	KADAM ROHIT SHANKAR	[Signature]
38	BME 20D038	KADAM VAIBHAV VILAS	[Signature]
39	BME 19F039	KADAM VAISHNAVI PRADIP	[Signature]
40	BME 20D040	KALE ABHJIT BALASAHEB	[Signature]
41	BME 20D041	KAMBLE NITIN SUREEV	[Signature]
42	BME 17F042	KAMBLE SHUBHAM SUDHIR	[Signature]
43	BME 20D043	KAMBLE SIDDHARTHA RAJESH	[Signature]
44	BME 19F044	KARANDE OMKAR SANTOSH	[Signature]
45	BME 20D045	KARVE SAIRAJ RAMDAS	[Signature]
46	BME 19F046	KAZI AZAM RAJ	[Signature]
47	BME 19F047	KHOT PRATHAMESH SANJAY	[Signature]
48	BME 19F048	KINDRE ROHIT ANIL	[Signature]
49	BME 20D049	KONDHALKAR SHUBHAM PRAKASH	[Signature]
50	BME 20D050	KORDE MAHADEV ASARAM	[Signature]
51	BME 20D051	KUMBHAR NISHANT DESHRAJ	[Signature]
52	BME 18F052	MAHANGARE ANIKET BHARAT	[Signature]
53	BME 20D053	MANE SUHAS MOHAN	[Signature]
54	BME 20D054	MOTE RAVIKIRAN MARUTI	[Signature]
55	BME 20D055	MUJAWAR ASHRAF SHABBIR	[Signature]
56	BME 20D056	MULE SUDHIR RAJESH	[Signature]
57	BME 20D057	NAIK SACHIN MOHAN	[Signature]
58	BME 20D058	NALAWADE PRASAD PRAKASH	[Signature]
59	BME 20D059	NALAWADE SHUBHAM CHANDRAKANT	[Signature]
60	BME 20D060	NIGADE TEJAS SHIVAJI	[Signature]
61	BME 20D061	NIKALAJE SURAJ RAJENDRA	[Signature]
62	BME 19F062	NIKAM OMKAR SUNIL	[Signature]
63	BME 20D063	NIMBALKAR AKASH KHAJEPPA	[Signature]
64	BME 20D064	PANDIT SANKET VINOD	[Signature]
65	BME 18F065	PARTE PRATIK ATMARAM	[Signature]
66	BME 20D066	PATIL TUSHAR SITARAM	[Signature]
67	BME 18F067	PAWAR ANIKET RAMAKANT	[Signature]
68	BME 19F068	PEDNEKAR OMKAR CHANDRAKANT	[Signature]
69	BME 20D069	PISAL AKASH KIRAN	[Signature]
70	BME 20D070	POKALE MANISH DATTATRAY	[Signature]



1.3 Internship Of Student in Companies



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhungawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 - Teaching Learning & Evaluation

Key Indicator - 2.3.1 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Student Internships

S.No	Name of Student	Name of Sponsored Industry /Research Institute/ Partner in Institution	Duration	Name Of Department
1	Adsul Shreeraj Vijay	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
2	Bhandalkar Puja Mansing	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
3	Pawar Sayali Ravindra	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
4	Kazi Mujeeb Arshad	Aakhar Construction Pvt. Ltd. Shirwal	15/01/2022 to 10/04/2022 1 Month	Civil
5	Agaj Eknath Paraji	Er. Ramesh B Jaiswal Contractor, Aundh	20/12/2021 to 05/02/2022 1.5 Month	Civil
6	Chougule Omkar Balasaheb	Er. Ramesh B Jaiswal Contractor, Aundh, Dist. Hingoli	20/12/2021 to 05/02/2022 1.5 Month	Civil
7	Kshirsagar Saurabh	Sneh Buildcon, Loni	15/01/2022 to 25/02/2022 1 month	Civil



	Srnil			
8	Bhave Pandurang Kishanrao	S.R.Construction	20/01/2022 to 20/03/2022 1 month	Civil
9	Kshirasagar Gajendra Sambhaji	S.R.Construction	20/01/2022 to 20/03/2022 1 month	Civil
10	Budhe Ganesh Dnyandeve	Sanjay Construction & Developers,Saswad	08/01/2022 to 20/03/2022 1 month	Civil
11	Jain Ketan Narendrakumar	Sanjay Construction & Developers,Saswad	08/01/2022 to 20/03/2022 1 month	Civil
12	Chavan Roshan Namdev	Saraswati Construction, wai	20/12/2021 to 05/02/2022 1.5 Month	Civil
13	Dhaygude Jayesh Sambhaji	Saraswati Construction, wai	20/12/2021 to 05/02/2022 1.5 Month	Civil
14	Dhadve Nikhil Dilip	STP Developers, Shirwal	15/01/2022 to 10/04/2022 1 month	Civil
15	Mohite Omkar Sambhaji	STP Developers,Shirwal	15/01/2022 to 10/04/2022 1 month	Civil
16	Girigosavi Jyoti Balu	Venkatesh skydale	15/01/2022 to 15/02/2022 1 month	Civil
17	Jadhav Shital Subhash	Shree Venkatesh Buildcon	15/01/2022 to 15/02/2022 1 month	Civil
18	Kale Rutuja Dnyaneshwer	Omkar Constructions, Bhor	15/01/2022 to 10/04/2022 1 month	Civil
19	Koli Mayuresh Sanjay	Omkar buidling & material suppliers	15/01/2022 to 10/04/2022 1 month	Civil
20	Kukade Manoj Arvind	Amurag Constructions Nigadi Pune	15/01/2022 to 10/04/2022 1 month	Civil



21	Lokhande Vaibhav Dilip	Kunjir Bioenergy India LLP Mirawadi Daund Pune	15/01/2022 to 10/04/2022 1 month	Civil
22	Shinde Aditya Nandkumar	Kunjir Bioenergy India LLP Mirawadi Daund Pune	15/01/2022 to 10/04/2022 1 month	Civil
23	Wadmare Rohit Ishvar	Tikona Construction	06/01/2022 to 15/03/2022 1 month	Civil
24	Raut Shubham Sanjay	Tikona Construction	06/01/2022 to 15/03/2022 1 month	Civil
25	Suryawanshi Rohit Rajendra	Sahyadri Construction, Sangali	15/01/2022 to 10/04/2022 1 month	Civil
26	Bandal Nikhil Bharat	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
27	Barge Abhijeet Sunil	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
28	Bhilare Saurabh Maruti	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
29	Chaudhari Vivek Rajendra	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
30	Chavan Aniket Keshav	SSA Steel Pvt. Ltd., Pune	15/01/2022 to 10/04/2022 1 month	Civil
31	Chavan Kiran Yuvraj	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
32	Chavan Vikas Kashinath	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
33	Chikane Jay Dattatray	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
34	Devkate Sagar Sidhu	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil



35	Gade Rohan Rajendra	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
36	Gujar Amol Rajendra	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
37	Jadhav Ajit Sanjay	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
38	Jadhav Shubham Navanath	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
39	Kadam Pratik Satish	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
40	Karale Pravin Sudhir	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
41	Katta Sachin Sanju	Sarvesh Construction Company, Satara	15/01/2022 to 10/04/2022 1 month	Civil
42	Kavachat Dattatraya Abhiman	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
43	Kazi Yasin Yunus	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
44	Mane Amit Jagdish	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
45	Mane Navanath Somanna	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
46	Navghane Sourabh Sopan	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
47	Nigade Sandesh Suresh	Anant Duddh Pvt. Ltd., Kikavi, Pune	15/01/2022 to 10/04/2022 1 month	Civil
48	Pawar Vishal Sanjay	Shrinath Developers, At post-Gunand, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil
49	Paygude Shubham Sanjay	Shrinath Developers, At post-Gunand, Bhor, Pune	15/01/2022 to 10/04/2022 1 month	Civil



50	Powar Namdev Timanna	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
51	Shinde Shivani Ashok	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
52	Umbarkar Vishesh Santosh	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
53	Karchunde Ramesh Sunderrao	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
54	Taru Sachin Ashok	Shrinath Developers, At post-Gunand, Bhor ,Pune	15/01/2022 to 10/04/2022 1 month	Civil
55	Mahangare Pratik Sudam	Omkar buidling & material suppliers	15/01/2022 to 10/04/2022 1 month	Civil
56	More Gauri Pravin	Omkar Construction, Bhor	15/01/2022 to 10/04/2022 1 month	Civil
57	Monica Uday Shilimkar	Mass infra Builders & Developers	15/01/2022 to 10/04/2022 1 month	Civil
58	Snehal Chandrashekhar Pisal	Mass infra Builders & Developers	15/01/2022 to 10/04/2022 1 month	Civil
1.	Harihar Kiran Deepak	ACG Capsules	1M	Mechanical
2.	Kondhalkar Shubham Prakash	ACG Capsules	1M	Mechanical
3.	Mujawar Ashraf Shabbir	ACG Capsules	1M	Mechanical
4.	Nikam Omkar Sunil	ACG Capsules	1M	Mechanical
5.	Shinde Adarsh Santosh	ACG Capsules	1M	Mechanical



6.	Wadkar Jagdish Manik	ACG Capsules	1M	Mechanical
7.	Algade Swagnil Dilip	ACG Worldwide	1M	Mechanical
8.	Gaikwad Sourabh Annaso	ACG Worldwide	1M	Mechanical
9.	Pawar Aniket Ramakant	Ambika Fabrication Works	1M	Mechanical
10.	Biradar Aniket Govind	Ambika Plastics Latur	1M	Mechanical
11.	Khot Prathamesh Sanjay	Athani Sugars LTD.	1M	Mechanical
12.	Pisal Akash Kiran	Aura Laserfab PVT.LTD.	1M	Mechanical
13.	Chavan Omkar Balkrushna	Baliraja Enterprises	1M	Mechanical
14.	Kadam Vaibhav Vilas	Baliraja Enterprises	1M	Mechanical
15.	Sapkal Tushar Dattatray	Bombay Generator LTD.	1M	Mechanical
16.	Gujar Chirag Rajesh	CADME Metal Crafts	1M	Mechanical
17.	Kazi Azam Raj	D.B.Lad Engineering Works	1M	Mechanical
18.	Nalawade Shubham C.	Delval Flow Control PVT.LTD.	1M	Mechanical
19.	Chavan Dnyanraj Pravin	Durvesh Engineering Works	1M	Mechanical



20.	Karve Sairaj Ramdas	Durvesh Engineering Works	1M	Mechanical
21.	Kadam Vaishnavi Pradip	E.CAD. Computer Institute	1M	Mechanical
22.	Karande Omkar Santosh	E.CAD. Computer Institute	1M	Mechanical
23.	Bhalghare Pandurang Narayan	EGEARZ PVT.LTD.	1M	Mechanical
24.	Bhosale Yash Santosh	Expro North Sea LTD.	1M	Mechanical
25.	Assad Gaffar Shaikh	GE India Industrial PVT.LTD.	1M	Mechanical
26.	Gade Somanath Ashruba	ILJIN Global India PVT. LTD.	1M	Mechanical
27.	Ghadge Atish Sayaji	ILJIN Global India PVT. LTD.	1M	Mechanical
28.	Ingulkar Rushikesh Pravin	ILJIN Global India PVT. LTD.	1M	Mechanical
29.	Sarak Pravin Ankush	ILJIN Global India PVT. LTD.	1M	Mechanical
30.	Mahangare Aniket Bharat	KLAUS Multipacking System Shirwal	1M	Mechanical
31.	Parte Pratik Atmaram	KLAUS Multipacking System Shirwal	1M	Mechanical
32.	Mote Ravikiran Maruti	KSB Limited	1M	Mechanical



33.	Kamble Siddhartha Ranso	M.CAD Training Institute	1M	Mechanical
34.	Biradar Akash Dinkar	Matei Motion & Energy Solution PVT.LTD.	1M	Mechanical
35.	Bhivate Kartik Prabhakar	Mayuresh Plastics	1M	Mechanical
36.	Chougule Pavan Dhananjay	Mayuresh Plastics	1M	Mechanical
37.	Jagtap Shubham Anil	Mayuresh Plastics	1M	Mechanical
38.	Suryawanshi Shubham Vijay	Mayuresh Plastics	1M	Mechanical
39.	Nikalaje Suraj Rajendra	Omkar Enterprises	1M	Mechanical
40.	Pandit Sanket Vinod	Omkar Enterprises	1M	Mechanical
41.	Babar Ajinkya Subhash	Pranav Enterprises	1M	Mechanical
42.	Jadhav Aniket Sanjay	Rieter India PVT.LTD.	1M	Mechanical
43.	Dabholkar Atharva Guruprasad	Riya Engineerings	1M	Mechanical
44.	Dhame Shrinivas Balaso	Riya Engineerings	1M	Mechanical
45.	Kindre Rohit Anil	Riya Engineerings	1M	Mechanical
46.	Yadav Karan Shankar	Riya Engineerings	1M	Mechanical



47.	Chavan Sagar Ramdas	SANHUA India PVT.LTD.	1M	Mechanical
48.	Kale Abhijit Balasaheb	SGK India Industrial Services(P) LTD.	1M	Mechanical
49.	Mane Subas Mohan	Shankar Enterprises	1M	Mechanical
50.	Naik Sachin Mohan	Shankar Enterprises	1M	Mechanical
51.	Waghmare Somnath Sudam	Shankar Enterprises	1M	Mechanical
52.	Jadhav Kishor Hiralal	Shree Samarth Automation	1M	Mechanical
53.	Jagtap Suraj Vasant	Specialty Sintered Products PVT.LTD.	1M	Mechanical
54.	Bhosale Akanksha Vijay	Surya Engineering Works	1M	Mechanical
55.	Nigade Tejas Shivaji	Tejas Motors	1M	Mechanical
56.	Nalawade Prasad Prakash	Trisons Engineering	1M	Mechanical
57.	Sutar Aniket Vikas	Trisons Engineering	1M	Mechanical
58.	Walhekar Mayur Navnath	Trisons Engineering	1M	Mechanical
59.	Bendre Abhishek Gajanan	Vardhan Consulting Engineering	1M	Mechanical
60.	Devlekar Saurabh Sanjay	Vighanbarta Enterprises	1M	Mechanical



1.	Malusare Kajal Sunil	Microversion Technologies	2M	Computer
2.	Pawar Sneha Sunil	Microversion Technologies	2M	Computer
3.	Yadav Revati Vishvanath	Microversion Technologies	2M	Computer
4.	Margaje Nikita Suryakant	Creazione Software	5M	Computer
5.	Bhosale Priyanka Hirafal	Creazione Software	5M	Computer
6.	Satpute Monali Rajendra	Education 4 OL, Pune	2M	Computer
7.	Shirke Nishigandha Kundlik	Education 4 OL, Pune	2M	Computer
8.	Walmiki Shivani Amit	Education 4 OL, Pune	2M	Computer
9.	Bobade Prachi Santosh	Oasis Infobyte	1M	Computer
10.	Borane Shubham Sandip	Oasis Infobyte	1M	Computer
11.	Jadhav Dhiraj Anna	Oasis Infobyte	1M	Computer
12.	Koli Gaurav Rajendra	Oasis Infobyte	1M	Computer
13.	Kotade Tujay Kamlakar	Oasis Infobyte	1M	Computer



14.	Lawande Swapnil Bhalchandra	Oasis Infobyte	1M	Computer
15.	More Preeti Arvind	Oasis Infobyte	1M	Computer
16.	Saste Shubham Jalindar	Oasis Infobyte	1M	Computer
17.	Theurkar Priyadarshan Dnyanoba	Oasis Infobyte	1M	Computer
18.	Thombare Chandan Shekhar	Oasis Infobyte	1M	Computer
19.	Bait Rukshita Dinesh	Officika Technologies PVT.LTD.	1M	Computer
20.	Chavan Ritambara Shankar	Officika Technologies PVT.LTD.	1M	Computer
21.	Dabade Suyash Sunil	Officika Technologies PVT.LTD.	1M	Computer
22.	Dhadave Ajinkya Rohidas	Officika Technologies PVT.LTD.	1M	Computer
23.	Dhadve Pragati Uddesh	Officika Technologies PVT.LTD.	1M	Computer
24.	Gaikwad Shubhangi Suryakant	Officika Technologies PVT.LTD.	1M	Computer



25.	Gaikwad Sushil Pandurang	Officika Technologies PVT.LTD.	1M	Computer
26.	Gorad Akshada Rajendra	Officika Technologies PVT.LTD.	1M	Computer
27.	Kamble Prashant Mohan	Officika Technologies PVT.LTD.	1M	Computer
28.	Padale Tejas Chandrakant	Officika Technologies PVT.LTD.	1M	Computer
29.	Patankar Samarjeet Satish	Officika Technologies PVT.LTD.	1M	Computer
30.	Raut Pooja Sharad	Officika Technologies PVT.LTD.	1M	Computer
31.	Shilimkar Namrata Rajendra	Officika Technologies PVT.LTD.	1M	Computer
32.	Shinde Sandhya Prabhat	Officika Technologies PVT.LTD.	1M	Computer
33.	Shivtare Harshada Sanjay	Officika Technologies PVT.LTD.	1M	Computer
34.	Borsare Shubham Tarudutta	Lets Grow More	1M	Computer
35.	Devgirikar Vidya Sambhaji	Lets Grow More	1M	Computer



36.	Gawali Kartik Rakesh	Lets Grow More	1M	Computer
37.	Kaluse Sahil Sanjay	Lets Grow More	1M	Computer
38.	Khandale Kiran Prakash	Lets Grow More	1M	Computer
39.	Khopade Ajit Dattatraya	Lets Grow More	1M	Computer
40.	Kirve Makrand Shashikant	Lets Grow More	1M	Computer
41.	Kahirsagar Prathamesh Dilip	Lets Grow More	1M	Computer
42.	Mahandave Kunal Dilip	Lets Grow More	1M	Computer
43.	Munde Abhijeet Bhagwat	Lets Grow More	1M	Computer
44.	Todkar Omkumar Murlidhar	Lets Grow More	1M	Computer
45.	Umbarkar Kunal Sumil	Lets Grow More	1M	Computer
46.	Shinde Dipak Naresh	L&D Infotech PVT.LTD.	1M	Computer
47.	Sonwane Sonal Eknath	L&D Infotech PVT.LTD.	1M	Computer
48.	Yewale Yash Dallatray	L&D Infotech PVT.LTD.	1M	Computer



49.	Pawar Mayur Ravindra	Sunanda Infotech PVT.LTD.	1M	Computer
50.	Kinhale Kajal Mohan	K.P. Technologies	1M	Computer
51.	Bhosale Shweta Sharad	K.P. Technologies	1M	Computer
52.	Kachi Aditi Jagdish	Prabhupada World	1M	Computer
53.	Jagdale Harshada Shivaji	Forage	1M	Computer
54.	Bhelke Shereya Umesh	Forage	1M	Computer
55.	Gaikwad Paja Balkrushna	College Ranker India	1M	Computer
56.	Dere Sunanda Muktaram	Abstract IT Solutions	1M	Computer
57.	Asfiyan Nazim Attar	Shryash IT Solution	1M	Computer
58.	Jadhav Anuja Papat	Oasis Infobyte, Pune	1M	Computer
59.	Chikane Payal Bharat	L&D Infotech Pvt. Ltd.	2M	Computer
60.	Rathod Bhimrao Devidas	L&D Infotech Pvt. Ltd.	2M	Computer
61.	Ubhe Rutvik Baban	L&D Infotech Pvt. Ltd.	2M	Computer
62.	Dhamal Ankita Vijay	LetsGrowMore, Pune	1M	Computer



63.	Dighe Vinayak Shankar	LetsGrowMore, Pune	IM	Computer
64.	Gaikwad Rushikesh Ramdas	LetsGrowMore, Pune	IM	Computer
65.	Parkhande Priyanka Rohidas	LetsGrowMore, Pune	IM	Computer
66.	Patankar Samarjeet Satish	Officika Technologies PVT.LTD.	IM	Computer
1	BABAR RUTUJA PRADIP	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E & TC
		CAD Desk- Virtual Internship	01/04/2022 To 15/05/2022	E&TC
2	BHIMANAVARU BASAVRAJ ARJUN	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E & TC
3	DEOKAR POONAM DHANAJI	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E & TC
4	DHONDE ABHIJEET VITTHAL	Property Solution India Pvt Ltd.	02/04/2022 To 30/05/2022	E & TC
5	DUDHANE TEJAS TANAJI	VCB Electronics Private Limited, Khed Shivapur Pune	19/08/2021 To 19/09/2021	E&TC
6	GADE RUSHIKESH NARAYN	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC



7	GADEKAR NILAM RAMESH	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC
8	GADHAVE PRAJKA SUNIL	inled Technologies LLP Mhavashi, Khandala, satara	01/04/2022 To 01/06/2022	E&TC
9	GHATAKAMBLE SANDEEP SIDHALINGAPPA	Spectrix Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E&TC
10	JADHAV ANIKET NATHU	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC
11	JADHAV JYOTI SANJAY	Egearx Private Ltd. Shindewadi, Khandala, Satara	03/01/2022 To 18/02/2022	E&TC
12	JADHAV PRIYANKA TANAJI	Highlight Electricals and Service. Baramati Pune	01/04/2022 To 30/04/2022	E&TC
13	KADALE SHRUTIKA PRAMOD	Safeexpress Pvt. Ltd. , Shindewadi , Bhor, Pune	15/03/2022 To 15/05/2022	E&TC
14	KADAM DHIRAJ SUHAS	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
15	KANSE PAYAL ASHOK	Surya Engineering Works, Shirwal.	03/01/2022 To 18/02/2022	E&TC
16	KASHID DEEPALI BABURAO	Arcte Manufacturing Services Pvt. Ltd. Dhyari Pune.	01/04/2022 To 30/04/2022	E&TC



17	KHOMANE SAGAR BHANUDAS	Raj Polyfabrics Pvt. Ltd., Jejuri MIDC, Parandur, Pune.	15/04/2022 To 18/05/2022	E&TC
18	KHOPADE AARATI NAMDEV	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
19	KOKATE ANKITA BALASAU	Winson Electronics Pvt. Ltd. Shindewadi, Bhor, Pune	01/04/2022 To 28/04/2022	E&TC
20	KOKATE UMESH RAMESH	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
21	KONDHALKAR POOJA RAMCHANDR	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC
22	MALAVI VISHAL SHIVAJI	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
23	MALEKAR KOMAL SANJAY	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
24	METIL MAHENDRA RANGRAO	Ideal Designs Engineering & PCB Designing. Shivane Pune.	01/04/2022 To 08/05/2022	E&TC
25	MORE KETAN VIJAY	Innotronix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC



26	MORE MAHESH SUNIL	Smart Knowner- Online internship	02/04/200 To 05/05/2022	E&TC
27	PARWADI AAYUSH ASHOK	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E&TC
28	PATIL ARCHANA MAHADEO	Supreme Facility Management Pvt. Ltd. Akurdi Pune.	01/04/2022 To 30/04/2022	E&TC
29	PAWAR GANESH PANDURANG	Spectris Technology Pvt.Ltd, Bavdhan,Pune	01/03/2022 To 30/04/2022	E&TC
30	PAWAR RUSHIKESH DNYANESHWAR	Raj Polyfabrics Pvt. Ltd. , Jejuri MIDC, Parandar, Pune.	15/04/2022 To 18/05/2022	E&TC
31	PAWAR SWARALI RAMCHANDRA	Dynamic Solution Pvt. Ltd. Baner Pune	08/04/2022 To 20/05/2022	E&TC
32	RENUSE ARCHANA SITARAM	In Yantra Technologies Pvt. Ltd., Shirwal, Khandala	01/03/2022 To 31/04/2022	E&TC
33	SALUNKE PRATIKSHA PANDURANG	L&D Infotech Pvt. Ltd., Katraj Pune	01/03/2022 To 01/05/2022	E&TC
34	SAWANT RAJ DNYANESHWAR	ILJIN Global India Private Limited Kesordi, Khandala, Satara	01/04/2022 To 30/04/2022	E&TC
35	SHAIKH SHAHRUKH SALIM	Geeks for Geeks - Online Internship	05/03/2022 To 08/04/2022	E&TC

36	SHENDAGE BHAGYASHREE UMAJI	Cummins Indi Limited, Phaltan	18/03/2021 To 14/03/2022	E&TC
37	SUTAR PRATIK ADHIKRAO	Lets Grow More- Virtual Internship	01/04/2022 To 01/05/2022	E&TC
38	SUTAR SHABDASHREE	Chheda Electricals & Electronics Pvt. Ltd. Palashi, Khandala Satara	03/01/2022 To 18/02/2022	E&TC
39	SUTAR SHITAL KASHINATH	United Crain & Components Pvt. Ltd. Pune	03/01/2022 To 18/02/2022	E&TC
40	TAVARE SHUBHAM LAXMAN	iGeeks Bridging Technology	03/04/2022 To 06/05/2022	E&TC
41	WALHEKAR KOMAL BALASO	Innotromix Labs & Trading Pvt. Ltd. Sasewadi, Bhor, Pune	03/01/2022 To 18/02/2022	E&TC





Prof. Dr. S. B. Patil

Principal
Rajgad Dnyaneshwar's
Shri Chhatrapati Shivaji Maharaj College of Engg.,
Dnyaneshwar, Pune-412206



AKAR CONSTRUCTION

SINCE 1993

A/p New Colony, Shirwal, Tal. Khandala Dist., Satara.

Date: 10/04/2022

INTERNSHIP COMPLETION CERTIFICATE

To whom-so-ever it may concern

Project Name: K & K Heights

This is to certify that **Mr. Shreeraj Vijay Adsul** student of Civil Engineering [3rd Year] from Shri. Chhatrapati ShivajiRaje College of Engineering Dhangawadi, Pune-412206 has successfully completed Internship Program for 3 months dated from 15/01/2022 to 10/04/2022 at Ongoing project of **AKAR CONSTRUCTION** Shirwal.

During this above tenure we found him to be regular, honest & diligent in duties & responsibilities. His association with us was very truthful & we wish him all the success for his future endeavours.

Kunjeeb
AKAR CONSTRUCTION
Kazi A. A. Shirwal

CERTIFICATE



AKAR CONSTRUCTION
BUILDING SINCE 1993

A/p New Colony, Shirwal, Tal. Khandala Dist. Satara.

Date: 30/05/2022

TO WHOM IT MAY CONCERN

This is to certify that Ms. Bhandalkar Puja Mansing student of RJDTU Dhule, pursuing T.E. Civil has successfully completed field internship of winter vacation at Akar Construction, Shirwal. Dated from 15/01/2022 to 10/04/2022 under the guidance of Ex. ARSHAD KAZI.

During the period of training, she was found punctual and she is sincere about gaining the field knowledge.

Pujoyee
AKAR CONSTRUCTION
Ex. A. P. Shirwal

+91 96733 83766 / +91 74000 74890
akarconstructions1993@gmail.com

CERTIFICATE OF COMPLETION

Congratulations!

This certificate is proudly presented in the recognition of the completion of Internship at CAD DESK.

R P Babar Summer Internship In Web Development

Name Course

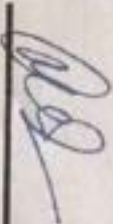
1- Apr -22 45 Days

Start Date Duration

Web Design Caddesk Jaipur

Software/Technology Training Centre

His/her association with us was very fruitful and we wish him/her all the best in the future endeavors.



Managing Director

25-May 22
Awarded on



CID - LGMVIPWEBC0014569

Lets
Grow/More
CERTIFICATE
of Completion

PROUDLY PRESENTED TO

Rutuja Pradip Babar

Was an active Participant in the LetsGrowMore Virtual Internship Program
in Web Development from 1 April 2022 to 1 May 2022



Aman Kesarwani

FOUNDER

6 May 2022



Verify Here

Spectris Technologies Pvt Ltd

INTERNSHIP CERTIFICATE

This certificate is presented to

Basavaraj Bhimanavaru

For completing his internship program from March to April 30, 2022.

Given this June May 02, 2022.

During his association with us, we found him to be hard working and a keen learner. We wish him success in his future endeavors.

HR Manager
Krisha Das


AUTHORISED SIGNATURE


14th Feb 2022

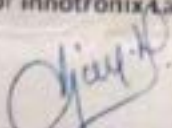
To whom it may concern

Innotronix Labs & Trading Pvt Ltd certifies that Ms. Poonam Devkar successfully completed the internship program from 3rd January 2022 to 18th February 2022.

During this time, Ms. Poonam Devkar displayed professional traits during his internship period and managed to complete all assigned tasks as requested. She was hardworking, dedicated, and committed. It was a pleasure having her with us in this short period.

Sincerely,

For Innotronix Labs & Trading Pvt Ltd


Authorised Signatory



INNOTRONIX LABS & TRADING PVT. LTD.

DIGITAL SIGNAGES | IOT SOLUTIONS | SMART LIGHTING

Regd. Off: Gat No. 77 & 81, Mumbai-Bangalore Highway, Village : Sasewadi, Tal. : Bhor, Dist. : Pune, Pin. : 412 205, Maharashtra, INDIA.
Contact No.: 9579662819/8329827723, Email: explore@innotronixlabs.com, Website: www.innotronixlabs.com

CERTIFICATE OF COMPLETION

Congratulations!

This certificate is proudly presented in the recognition of the completion of Internship at CAD DESK.

R P Babar Summer Internship In Web Development

Name Course

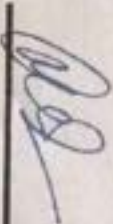
1- Apr -22 45 Days

Start Date Duration

Web Design Caddesk Jaipur

Software/Technology Training Centre

His/her association with us was very fruitful and we wish him/her all the best in the future endeavors.



Managing Director

25-May 22
Awarded on



CID - LGMVIPWEBC0014569

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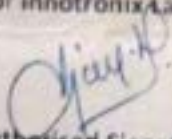
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Sincerely,

For Innotronix Labs & Trading Pvt Ltd


Authorised Signatory



INNOTRONIX LABS & TRADING PVT. LTD.

DIGITAL SIGNAGES | IOT SOLUTIONS | SMART LIGHTING

Regd. Off: Gat No. 77 & 81, Mumbai-Bangalore Highway, Village : Sasewadi, Tal. : Bhor, Dist : Pune, Pin : 412 205, Maharashtra, INDIA.
Contact No.: 9579662819/8329827723, Email: explore@innotronixlabs.com, Website: www.innotronixlabs.com

Certificate of Training

This is to certify that,

Mr. Ravikiran Maruti Mote

Of Shri. Chhatrapati Shivajiraje College of Engineering ,Dhangwadi,Tal-Bhor,Dist-Pune,Branch-Mechanical Engineering have successfully completed 1 month (01.01.2022 to 31.01.2022) training at our company.

During the training ,he have closely worked as part of our team .

We wish him good luck for all future endover & look forward to work with them in the near future.

Pratik sutar.
(Executive,QM)



Mail to

Registered Office
Head Office
Zonal Offices

KSB Limited : A1, MIDC Khandala Phase II, Village Kesurdi, Tal. Khandala, Satara - 412 802
Tel. : +91 2169 246800 Visit us at : www.ksbindia.co.in
Office No. 601, Runwal R-Square, L.B.S. Marg, Mulund (West), Mumbai- 400 080, Tel.: 022-2168 1300
Mumbai - Pune Road, Pimpri, Pune - 411 018. (India) Tel. : +91 20 2710 1000 Fax : +91 20 2742 6000
Chennai • Kolkata • Mumbai • NOIDA CIN : L29120MH1960PLC011635



31ST December 2021

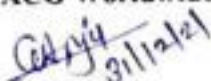
WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Gaikwad Sourabh Anaso** form Rajgad Dnyanpeeths Technical Campus Dhangawadi, has successfully completed internship in our organization from **1st December 2021** to **31ST December 2021** The study of his internship was **Industrial Training**.

During this period we found him to be science and hard working.

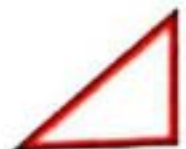
We wish all the very best for his future endeavors.

For ACG Worldwide


Anju Chaudhary
BU – HR Head

Regd. Office:
Plot No. 131, Kandivali Industrial Estate, Kandivali (West), Mumbai – 400 067, India
Phone: +91 22 7194 8400

ACG Associated Capsules Pvt. Ltd.
Factory: Gat No. 322, 323, Shirwal, Tal. Khandala, Dist. Satara, Maharashtra – 412 801, India
Phone: +91 77200 89461/2/3 | Email: Sales, acpl@acg-world.com | Website: www.acg-world.com
CIN No: U24239MH1961PTC012061 | GST No: 27AAACA4769K1ZD





ILJIN GLOBAL INDIA PRIVATE LIMITED

Plot A-2, Phase - II, Khandala MIDC, Village - Kesurdi, Tal. Khandala, Dist. Satara - 412802. Maharashtra, India.
Tel.: 91-2169-227300 www.iljin.com
CIN No.: U29292PN2016PTC157848

Date: 02/05/2022

CERTIFICATE OF COMPLETION

This is to certify that **Mr. Mr. Somanath Ashruba Gade**, Student of TE Mechanical Department of **RD's SCSCOE, Bhor, Pune**, has successfully completed internship program in production department from 01/04/2022 to 30/04/2022.

During the period of his internship program with us, he had been exposed to different of processes and was found diligent, hardworking and inquisitive.

We wish the student a very Best of Luck for his future Endeavours.

For ILJIN Global India Pvt Ltd;

Mr. Bhaskar Poman
Dy. General Manager
HR & General Affairs





HR/22-23/REC007

Date: 05/05/2022

Certificate of Training

To Whomsoever It May Concern

This is to certify that,

Mr. Kamble Siddhartha Raoso

of Shri Chhatrapati Shivajiraje college of Engineering, Dhangwadi, Tal.- Bhor, Dist.- Pune,
Branch- Mechanical Engineering have successfully completed 30 Day (1-04-2022 to 30-04-
2022) training at our organization.

During the training, students have closely worked as part of our team.

We wish them good luck for all future endeavor & look forward to work with them in the
near future.

Date: 5-5-2022

For,

M-CAD TRAINING INSTITUTE

Katraj-Kondhwa Road,

Pune





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation**Key Indicator – 2.3.1 Teaching and Learning Process**

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

MOU with Institute/Industries

S.No	Name of industry/ Company Research Institute / Partnering Institution	Date of Commencement	Name Of Department	Duration
1	SSA Steel Pvt. Ltd., Pune	15/07/2020	Civil	5 Years
2	Rajgad Sahakari Sakhar Karkhana, Nigde, Bhor, Pune	15/03/2013	Civil	10 Years
3	Anant Duddh Pvt. Ltd. , Kikavi, Pune	10/04/2013	Civil	10 Years
4	Sarvesh Construction Company, Satara	05/01/2016	Civil	10 Years
5	ECADD Computer Institute, Bhor, Pune	17/07/2021	Civil	5 Years
6	Shrinath Developers, At post-Gunand, Bhor, Pune	15/06/2021	Civil	5 Years
7	VA-Computer Institute, Bhor, Pune	15/06/2021	Civil	5 Years
9	Microdynamic Software Pvt. Ltd., Pune	10/07/2017	Computer	5 Years



10	Quantum World Centre Pvt. Ltd.	08/08/2016	Computer	10 Years
11	Web Minds IT Solutions, Pune	20/10/2020	Computer	5 Years
12	L & D Infotech Pvt. Ltd. Pune	17-12-2021	Computer	5 Years
13	VCB Electronics Pvt. Ltd. Khed Shivajipur, Pune.	03/03/2022	Computer	5 Years
14	Rajgad Sahakari Sakhar Kharikhana.	15/03/2013	Mechanical	10 Years
15	Anant Dhadh PVT LTD.	10/04/2013	Mechanical	10 Years
16	Speciality Sintered products Pvt Ltd.	20/12/2014	Mechanical	10 Years
17	Ratnadoop Castings PVT LTD.	09/03/2015	Mechanical	05 Years
18	Saturn Rings & Forgings Pvt Ltd.	01/12/2020	Mechanical	05 Years
19	High Power Engineering Co.Pvt.Ltd.	04/01/2019	Mechanical	05 Years
20	VCB Electronics Pvt. Ltd	24 June 2014	Electronics & Telecommunication Engineering	10 year
21	Dhruva Automation and controls Pvt. Ltd	07 March 2016	Electronics & Telecommunication Engineering	10 years



22	Xtream Engineering Equipment Pvt. Ltd	17 July 2015	Electronics & Telecommunication Engineering	10 years
23	Saturn Rings and Forgings Pvt. Ltd	27 Dec 2018	Electronics & Telecommunication Engineering	5 years
24	High Power Engineering Co Pvt. Ltd	14 June 2014	Electronics & Telecommunication Engineering	10 years
25	Raj Vimal Group	20 August 2019	Electronics & Telecommunication Engineering	10 years



Prof. Dr. S. B. Patil

Principal
 Rajendra Chavan's
 Late Chhatrapati Shivaji Maharaj College of Engg.
 Dhargawadi, Pune-412206



MEMORANDUM OF UNDERSTANDING

Between

**Rajgad Dyanpeeth's Technical Campus
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune
Department of Civil Engineering**



AND

**E-CADD,
Computer Institute,
Bhor, Pune,
Maharashtra -412206**



COMMITTED FOR QUALITY TRAINING

Ref No. RD/SCSCOE/Civil/2021-22/09

Date: 17/07/2021

PREAMBLE:

RDTC is established in year 2009 in order to achieve excellence of students in the field of science and technology. It is approved by AICTE, New Delhi and Government of Maharashtra and is affiliated to the Savitribai Phule Pune University.

The Institutes have state of the art infrastructure appropriate to conduct engineering education. RDTC'S SCSCOE runs 04 UG programs. The Department of Civil Engineering of RDTC's SCSCOE Dhangawadi, Bhore is established in 2009 with an intake of 60 students. It has experienced faculty Engaged in teaching and research. Laboratories of all the departments are well equipped with modern equipment's and experimental setups. Besides conventional teaching, college puts special emphasis on ebased learning, subject-oriented advanced inputs.

The goal of the Civil Engineering Department is to train the students to face the challenges of ever changing technology and maintaining high ethical and moral standards. The departmental advisory committees consisting of well-known academicians and experts from industry guide the departments in their academic activities. The students' chapters established in the departments provide professional touch to the education. The department organizes the workshops and seminars on advance technology for the UG students.

The Agreement is signed between,

Whereas, Rajgad Dnyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Tal: Bhore, Dist: Pune, Maharashtra 412206, (Hence forth referred as **Party 1**)

AND

Whereas, ECADD Computer Institute, Bhore, Pune, Maharashtra -412206, (**Hence forth referred as Party 2**)

Whereas, both party no. 1 and party no. 2 are interested to develop the knowledge of advances in concrete technology in all respect at student's study level, which are helpful personally to students and future quality improvement.

Whereas, both parties have decided to agree to establish industry-academic collaboration in the areas of mutual interest and in accordance with terms and conditions set forth in this memorandum of understanding (MOU).



Objective of MOU:

1. To strengthen the industry-institute interaction to provide high quality and up to date technology supports and value added programs to the Engineering students, Masons and Contractors practicing on sites.
2. To establish common platform between Company and Institute to plan and execute activities for the development of Industrial Institute interaction.
3. Planning and utilizing resource like staff and infrastructure for joint R&D works, industry based joint consultancy work.
4. Sharing of latest Technical trends in Educational and Industrial field.
5. To get exposure and training to student under the supervision of industry experts.
6. To get access of the trained engineers.

AGREEMENTS OF MOU:

Both Party 1 and Party 2 shall encourage interaction between the engineers, research fellows, faculty members and students through following arrangements.

1. Party 2 - shall share their knowledge and experience by way of joint conferences and seminars/workshops.
2. Party 2 - agrees to provide all documents like brochures, leaflets, CD, DVD and their devices (computer etc.) including lecturers, skilled staff, helping staff, for above activity.
3. Party 1 - agrees to provide audio-visual projector and screen facility and appropriate seminar hall, inclusive of required electrical devices and supply system etc.
4. Party 2 - agrees to provide material and tool tackles, which are necessary for demo, and practical.
5. Party 2 - agrees to conduct above mentioned programs in campus of Rajgad Dnyanpeeth Technical Campus, Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Tal: Bhor, Dist: Pune, Maharashtra 412206.
6. Party 1 - agrees to provide open space, covered space, electricity, water, and washroom facilities as per requirements and institutional working days and time.
7. Party 2- may seek assistance/guidance of Party 1 faculty members in technical or any trouble shoot issues.

FINANCIAL ARRANGEMENTS:

1. The collaborative program between Party 1 and Party 2 shall be coordinated by a coordination committee appointed by Directors of both Institute (Parties).
2. Financial arrangements for each specific collaboration will be decided on case to case basis and brought on record in each case after due approval from heads of both institutions (Parties).



INTELLECTUAL PROPERTY RIGHTS:

Rights regarding publications, patents, royalty, ownership of software/design/product developed under scope of MOU shall be decided by two parties by mutual consent.

CONFIDENTIALITY:

Both the parties agree to hold in confidence all information/data which is obtained from either side or created during the performance of MOU and will not disclose the same to any third party without written consent of other side.

COORDINATORS:

Both sides will designate persons who will have responsibility for coordination and implementation of this agreement.

DURATION OF MOU:

This MOU will take effect from the date it is signed by the representatives of the parties, This MOU is binding on both parties for the duration of Ten academic year, 2021-22, 2022-23, 2023-24, 2024-25, 2025-26, 2026-27, 2027-28, 2028-29, 2029-2030, 2031-2032.

Either party may terminate the MOU by giving 1 month's written advance notice to the other party, once terminated neither Party 1 or Party 2 will be responsible for any losses, financial or otherwise, which the other party may suffer. This MOU is signed subjective approval of representatives of both the parties' academic/administrative bodies.



SCHEDULE FOR ACTIVITIES:

Various activities to achieve the objectives of MOU mentioned, will be conducted as per mutual convenience of both parties with minimum 15 days of advance planning.

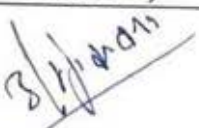


THE PLACE OF SIGNING MOU:

Rajgad Dnyanpeeth Technical Campus,
Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi,
Tal: Bhor, Dist: Pune, Maharashtra 412206

On Behalf of Party 1 (Shri Chhatrapati Shivajiraje College of Engineering, of Engineering)	
 Prof. S. P. Salunkhe Head, Department of Civil Engineering	 Dr. S. B. Patil Principal, Shri Chhatrapati Shivajiraje College of Engineering, of Engineering
Date: 17/07/2021 Place: Dhangwadi	Seal Principal Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engg, Dhangawadi, Pune-412206



On Behalf of Party 2 (ECADD Computer Institute)	
 Er. Abhijit Gaikwad Owner, ECADD Computer Institute, Bhor, Pune	
Date: 17/07/2021 Place: Dhangwadi	Seal E-CADD Computer institute, Bhor 3rd floor madhusavetri sadan above to shivkrupa pathpedhi Mangalwar peth, bhor, Ta. Bhor, dist. Pune 412206



Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engr./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588



Since - 1972

Anantrao Thopte
Founder President, Ex. Edn. Minister

Sangram Thopte
MLA, Executive President

Dr. Bhagyashri Patil
Hon. Secretary

Dr. S. B. Patil
Principal

Memorandum of Understanding between RD's SCSCOE & Patronix Technologies Pvt. Ltd. Pune

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date 05/03/2022

Between:

Patronix Technologies Pvt. Ltd. Pune Magarpatta Rd, Amanora Park Town, Hadapsar, Pune, Maharashtra 411028.

And

RD's Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of the college, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge





Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra and Affiliated to Savitribai Phule Pune University, Pune (ID. PU/PN/Engr./376/2009), DTE CODE: EN6324, AISHE CODE : C-41588



Anantrao Thopte
Founder President, Ex. Edu. Minister

Sangram Thopte
MLA, Executive President

Dr. Bhagyashri Patil
Hon. Secretary

Dr. S. B. Patil
Principal

Article 3: Patronix Technologies Pvt. Ltd. Pune Magarpatta Rd, Amanora Park Town, Hadapsar, Pune, Maharashtra 411028

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities*as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: Role of the College

Following are the roles identified for The College

1. Provide academic support to the industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and Termination of MoU


This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments

Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

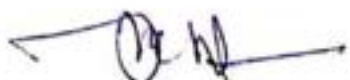
Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.


Patronix Technologies Pvt. Ltd. Pune

Director
Authorized Sign & Seal





Authorized Sign & Seal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhungawadi, Pune-412206

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil

Hon. secretary

Anantrao Thopte

Founder President
Ex. Education Minister
Maharashtra State



Memorandum of Understanding between RD's SCSCOE & High Power Engineering CO. Private Limited

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date i.e. 14th June 2014

Between:

RD's-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

And

High Power Engineering CO. Private Limited, Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801 (here in after referred to as "The Industry")

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding

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4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

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2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge

Shri Chhatrapati Shivajiraje College of Engineering

Approved by AICTE, Govt of Maharashtra and Affiliated to the University of Pune (ID NO PU/PN/Engg/376/2009)

Dr. Bhagyashree s. Patil

Hon. secretary

Anantrao Thopte

Founder President
Ex. Education Minister
Maharashtra State



Article 3: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: High Power Engineering CO. Private Limited, Khandala, Shirwal, Maharashtra

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

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This MoU shall remain in force for a period of ten years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

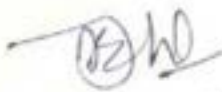
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Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.




(S. B. Patil)
Authorized Sign & Seal
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206

**Memorandum of Understanding between High Power Engineering
CO. Private Limited
&
RD's SCSCOE**

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this date 14th June 2014.

Between:

High Power Engineering CO. Private Limited, Gate No. 1117/1121 Khandala, Shirwal, Maharashtra 412801 (hereinafter referred to as "The Industry")

And

RD's Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

The College and The Industry shall be collectively referred to as "The Parties"

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4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities

3. Extension Activities and dissemination of new knowledge

Registered / Marketing Office :

Office No. 102, Kumar Vastu Building,
Rangehill Road, Pune - 411 007
Ph No.: (020) 25561620, +91 9822910121
E-mail : sgpmktg15@gmail.com
CIN No. : U34300MH1996PTC102922

Works / Accounts Office :

Gat No. 1117 / 1121, Shirwal, Tal. Khandala,
Dist. Satara - 412 801, Maharashtra (India)
Ph No.: (02169) 244608, +91 9881064375, +91 9822910122
E-mail : highpowerco@gmail.com
Web : www.highpowerco.com

Article 3: Hi Power Engineering CO. Private Limited, Khandala, Shirwal, Maharashtra

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
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Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.

Authorized Sign & Seal



Authorized Sign & Seal
Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivrajraje College of Engg.
Dhangwadi, Pune-412206

Registered / Marketing Office :

Office No. 102, Kumar Vastu Building,
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E-mail : highpowerco@gmail.com
Web : www.highpowerco.com

राजगड ज्ञानपीठ टेक्निकल कॅम्पस

श्री छत्रपती शिवाजीराजे कॉलेज

ऑफ इंजिनीअरींग

ए.आय.सी.टी.ई. व डी.टी.ई. मान्यताप्राप्त व
सावित्रीबाई फुले, पुणे विद्यापीठ संलग्नित.

राजगड ज्ञानपीठ, भोर



Since - 1972

RAJGAD DNYANPEETH TECHNICAL CAMPUS

Shri Chhatrapati Shivajiraje
College of Engineering

Approved by AICTE, Recognised by DTE
Affiliated to the Savitribai Phule University of Pune

● Founder President : Anantrao Thopte, Ex. Education Minister (M.S),

● Hon Secretary : Dr. Bhagyashri S. Patil

Memorandum of Understanding between RDTC-SCSCOE Campus & Saturn Rings & Forgings Pvt. Ltd

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day Thursday and date 27/12/2018.....

Between:

RDTC-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, (hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to Savitribai Phule Pune University's Approved by AICTE, New Delhi.

And

Saturn Rings & Forgings Pvt. Ltd, Gat No.457, 458 Industrial Plot No. 5 & 6, At / Post – Shirwal, 412801

The College and The Industry shall be collectively referred to as "The Parties"

In furtherance of their mutual interest in improvement of Academics, Technical Enhancements and Improvising Employability Skills of the students as a contribution to the Social and Economic development of the region, The Parties mentioned above hereby agree to and adopt the following Memorandum of Understanding.

Article 1: The Purpose of the Agreement

The Parties are committed to enhancement of academic skills of the students of the college, educational excellence, collaborative work, intellectual freedom and equality of educational and employment opportunities.

Some broad goals of this MoU are:

1. Take into consideration the aspects of the subject required by the industries for possible future inclusion in the curricula
2. Enhance the understanding of the students through field experience
3. Make students independent and responsible towards learning and social inclination
4. Build a network of learning community & Industries.

Article 2: General Activities and Services

The Parties will voluntarily undertake the following:

1. Create scope for curriculum development and enrichment
2. Encourage joint research activities
3. Extension Activities and dissemination of new knowledge

राजगड ज्ञानपीठ टेक्निकल कॅम्पस

श्री छत्रपती शिवाजीराजे कॉलेज
ऑफ इंजिनीअरींग

ए.आय.सी.टी.ई. व डी.टी.ई. मान्यताप्राप्त व
सावित्रीबाई फुले, पुणे विद्यापीठ संलग्नित.

राजगड ज्ञानपीठ, भोर



Since - 1972

RAJGAD DNYANPEETH TECHNICAL CAMPUS

Shri Chhatrapati Shivajiraje
College of Engineering

Approved by AICTE, Recognised by DTE

Affiliated to the Savitribai Phule University of Pune

● Founder President : Anantrao Thopte, Ex. Education Minister (M.S.),

● Hon Secretary : Dr. Bhagyashri S. Patil

Article 3: Saturn Rings & Forgings Pvt. Ltd

Following are the roles identified

1. Provide opportunities for students and faculty members to upgrade their skills in allied industries.
2. Grant access to the industry its facilities as and when required with prior approval
3. Voluntarily Support research efforts in exploring new ideas.
4. Initiate and support exchange of human resource on case to case basis.

Article 4: Role of the College

Following are the roles identified for The College

1. Provide academic support to the Industry.
2. Provide assistance in the form of student interns as and when required.
3. Support and promote employees to pursue their higher education.
4. Initiate and support exchange of human resource on case to case basis.

Article 5: Duration and Termination of MoU

This MoU shall remain in force for a period of five years commencing from the date of signing of this document. The Parties reserve the right to terminate this MoU by either party giving one month written notice to the other. Where such termination occurs, the provisions of this Memorandum shall continue to apply to ongoing activities until their completion.

Article 6: Amendments

Amendments to this MoU must be in writing and approved by the designated representatives of each party. The terms / clauses / articles in this MoU can be reviewed by mutual consent by serving one month written notice to the other party. New or amended terms / clauses / articles may be agreed as part of a renewed MoU.

Article 7: Statement of Intent

Nothing in this MoU shall be construed to as creating any legal relationships between The Parties. This MoU is a statement of intent to foster genuine and mutually beneficial collaboration.

(Signature)
Mahesh K. Bhat
27/12/2018
Authorized Sign & Seal



(Signature)
27/12/18
Authorized Sign & Seal



Memorandum of Understanding between Saturn Rings & Forgings Pvt. Ltd & RDTC-SCSCOE Campus

This Memorandum of Understanding (hereinafter referred to as "MoU") is entered into on this day *29. Thursday* and date... *27.11.2018*

Between:

Saturn Rings & Forgings Pvt. Ltd, Gat No.457, 458 Industrial Plot No. 5 & 6, At / Post – Shirwal, 412801

And

RDTC-Shri Chhatrapati Shivajiraje College of Engineering-Bhor, Dist—Pune, Maharashtra, hereinafter referred to as "The College") an institution of higher learning founded in 2009 Affiliated to **Savitribai Phule Pune University's Approved by AICTE, New Delhi.**

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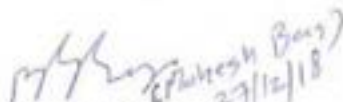
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Authorized Sign & Seal




Authorized Sign & Seal



2.1 Student Participation In Competitions like Project & Paper Presentation



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhargawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation

Key Indicator – 2.3.1 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Paper Publication A.Y 2021-22

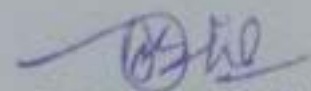
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4	Person and object detection for blind using Python	Pratiksha Sandeep Khopade	Journal of recent trends in programming languages volume 9 issue 1	ISSN: 2455-1821
		Shrutika Sunit Bhaskare		
		Pratiksha Sunit Raut		
		Rohini Vikram Nanaware		
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		Poojaram Ramesh Yadav		
		Revati Vishvanath Yadav		
6	Agriculture Supply Chain using BCT	Rushikesh Gorba Chavan	Journal of recent innovation in wireless security Volume 4 issue 1	DOI: http://doi.org/10.5281/zenodo.6629533
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		Prathmesh Suresh Jagtap		
		Sandeep Suresh Maurya		
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		Pratiksha Dattarya Mane		
		Samrudhi Santosh Hagwane		
		Diptee Balaso Bhandavakar		
8	Skin Disease detection using Image Processing	Kajal Hanumat Tawre	International Journal of Image Processing and Pattern Recognition	ISSN-2395-1621
		Pooja Mahadev Lekawale		
		Utkarsha Uday Mandake		
		Shrutika Gulab Gorad		
9	Shaming Tweet Detection Using ML	Rutuja Anil Nigde	International Journal of Mobile Computing Device Volume 8 issue 1	ISSN-2455-1821
		Rutuja Sarjerao Nikam		
		Neha Somnath Pawar		
10	Text Mining for Detecting The Viral Treats from The New Data Sets.	Bhimrao Devidas Rathod	International Journal of Distributed Computing and Technology	ISSN-2455-7307
		Payal Bharat Chikane		
		Rutvik Baban Ubhe		
11	E-commerce Website for Small Scale Business with	Meghashyam Vinayak Kapure	STM Journal for	ISSN 2454-9347
		Soham Santosh Solat		



Neighborhood Shop and Product	Dnyanal Kumar Vedpathak	E-Commerce For Future and Trends	
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Prof. Dr. S. B. Patil

Principal
 Rajad Dr. Jyotirao's
 Shri Chhatrapati Shivaji Maharaj College of Engg.
 Mangawadi, Pune-412206



Detect-DR: Classification of Diabetic Retinopathy using Fractal Analysis and Random Forest

Poonam R. Yadav^{1*}, Revati V. Yadav², Sneha S. Pawar³, Kajal S. Malusare⁴, S. B. Shirke⁵
^{1,2,3,4}Student, ⁵Assistant Professor,

Department of Computer Engineering, Rajgad Dnyanpeeth Technical Campus, Pune, India.

*Corresponding Author

E-Mail Id:- yadavpoonamramesh6996@gmail.com

ABSTRACT

In this project we are implementing a Diabetic Retinopathy Detection System, which will be used primarily in medical institutes to detect and classify various stages of Diabetic Retinopathy. This project will have primarily three main Users that would be Admin, Doctor and Patient. The complete system revolves around two users – Doctor and Patient. We are using dataset from Kaggle to train the system using Python and for main users like admin, doctor and patient UI would be web-based system designed and developed using HTML, CSS, JS, along with HOPE UI framework and Bootstrap 5. There will be a Web Application for DDR. Main Goal of the project is to automate the screening process of detection of diabetic retinopathy. Project has 5 main modules, 1. Training, 2. Testing, 3. Admin Portal, 4. Doctor Portal, 5. Patient Portal through which all the task will be performed. Our system classifies Diabetic Retinopathy in 4 different.

Keywords:- Detect-DR, Web-Based, Classification, Diabetic Retinopathy, Fractal Analysis.

INTRODUCTION

Diabetic Retinopathy has been a major concern in India as India is leading diabetic country in world. There are multiple cases where Diabetic Retinopathy is detected in later stages of its infection and is difficult to treat. The Screening that is fully dependent on the doctor has to be made independent at some level. Detection of DR in early stages will literary save many eyes.

DetectDR stands for Detect Diabetic Retinopathy. Diabetic Retinopathy is a complication related to diabetes that affects functioning of eyes. Diabetic Retinopathy is caused by damage occurred to the blood vessel of the tissue present at the back of eye which is light-sensitive.

There are four stages of Diabetic Retinopathy

Stage 1: Mild nonproliferative diabetic retinopathy.

Stage 2: Moderate nonproliferative diabetic

retinopathy.

Stage 3: Severe nonproliferative diabetic retinopathy.

Stage 4: Proliferative diabetic retinopathy
Right now Detection of Diabetic Retinopathy is done by Manual Screening, where an eye specialist takes the fundus image, analyses it and depending upon his/her experience diagnoses patient with Diabetic Retinopathy.

LITERATURE SURVEY

[1] Rajendra D. along with Kokate B., Vaibhav V. Kamble Implemented A System – “Automated Diabetic Retinopathy Using Radial Basis Function” To Automatically detect retinal image as non DR or DR based on radial basis function (RBF) neural network classifier.

Their experiment addresses to explore ophthalmic features such as exudates, blood vessels & micro aneurysms & also

its segmented from retinal background using A-IFS histon based sementation method. This obtained features set which delivers to train RBF neural network of the project. ROC-Receiver opration characteristics curve is plotted based on evaluated result obtained earlier. The projected experiment has been done on 89 DIARETDB1 & 130 DIRECTDB0 retinal images database by using rBF neural network.

[2] Farrikh Alzami, implemented “Diabetic Retinopathy Grade Classification Based on Fractal Analysis & Random Forest” along with Abdussalam, Rama Arya Megantara, Ahmad Zainul Fanani. In this paper, they presented diabetic retinopathy classification methods which classifying the healthy eyes and diseased pathologies eyes using fractal analysis as feature extraction and random forest is used as classifier.

FARRIKH and team then initially segmented the images obtained from the dataset, then they computed the fractal dimension as features of fundus image. After obtaining the features, they fed newly obtained features into random forest classifier. Their experiment used MESSIDOR dataset which contains normal, mild (only micro aneurysms is found), moderate

[3] Automated Diabetic Retinopathy Detection and Classification – this paper by Z.A.Omar, M Hanafi, S.Mashohor, N.F.M.Mahdudz, M. Muna’im proposed an algorithm that consists of DR detection method with the aim to improve the accuracy of the existing systems.

The methods used to detect Diabetic Retinopathy features namely hemorrhages, exudates and also blood vessels can be categorized into several stages. These

stages are image pre- processing, vessel and hemorrhages detection, exudate detection and optic disc removal.

PROPOSED SYSTEM

Dataset Training

We are using dataset from Kaggle for training our system.

This training is done in steps as follows:

- Take Fundus images from Dataset
- Remove Green Color Channel from those images & Perform Skeletonization on those images.
- Implement Fractal Analysis and store the analyzed data.
- Train System with newly analyzed data with classification types provided by Kaggle.

Dataset Testing

This particular module is used to test accuracy of our trained system. This module will closely work alongside dataset training module.

Admin Portal

Admin being the actual Super-User of entire system will have his/her own separate Dashboard to manage doctors i.e., add, update remove Doctors from the System.

Apart from managing Doctor Admin can also update his own profile, but Admin won't be allowed to manage Patients.

Doctor Portal

In this module doctor can manage patient accounts. If patient exists in the system (added by other doctor), then new patient won't be created.

Doctor would be able to upload the fundus images of patients and get appropriate classification of Diabetic Retinopathy.

Patient Portal

This module would be Read-Only Module of the system. Patients would only be able to check for results of Classification.

SYSTEM DESIGN

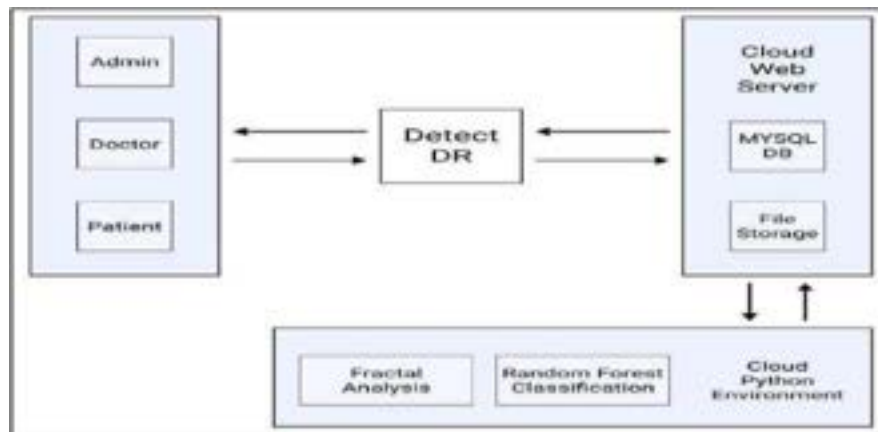


Fig.1:-System Architecture

In this system, if users interact with the system, then system send request to the web server and receive responses through the file system and database.

ALGORITHM

Custom Algorithm from entire Project of diabetic Retinopathy detection and its classification:

Step 01: Start

Step 02: Take Fundus images from Dataset

Step 03: Remove Green Color Channel from Image to make them Grayscale

Step 04: Resize image to be 255px by 255px

Step 05: Perform Skeletonization i.e. Skinning and thickening on grayscale image

Step 06: Implement Fractal Analysis and store fractal

Step 07: Perform Step 02 to 06 for all images and store fractal analysis and dataset classification value in database

Step 08: Run all images with their fractal score and classifier through random forest for classification

Step 09: Once Doctor uploads new image for Detector Perform Step 2 to 6 and run through same forest to get classifier

Step 10: End

CONCLUSION

As a result of increased infrastructure support for online web-based application

in the field of Medicine, we have implemented a classification system (Detect-DR) using fractal analysis and random forests for detection of diabetic retinopathy. This system will have 3 major portals for admin, doctor and patients as well. This system is designed in python for fractal analysis and classification.

FUTURE WORK

For future work, it would be beneficial integrate the system with Retina Scanner at Doctor, which will further reduce time of detection and classification. It would also be helpful to add a module to let patients know about their reports either on WhatsApp or via Text Message

ACKNOWLEDGEMENT

Entire team of Detect-DR wishes to thank those who gave us their invaluable time. We wish to extend our cordial gratitude with profound thanks to Prof. S. B. Shirke for his everlasting guidance, inspiration and encouragement which helped us in completing our project. This Project work is grateful to Prof. B. D. Thorat, Head of the Department of Computer Engineering for giving us the support that was helpful for implementation of this idea.

At last but not least we express our sincere thanks to MicroVersion Technologies for happily providing us the technical

environment and infrastructure to successfully implement and build Detect-DR.

REFERENCES

1. Kamble, V. V., & Kokate, R. D. (2020). Automated diabetic retinopathy detection using radial basis function. *Procedia Computer Science*, 167, 799-808.
2. Alzami, F., Megantara, R. A., & Fanani, A. Z. (2019, September). Diabetic retinopathy grade classification based on fractal analysis and random forest. In *2019 International Seminar on Application for Technology of Information and Communication (iSemantic)* (pp. 272-276). IEEE.
3. Omar, Z. A., Hanafi, M., Mashohor, S.,

Mahfudz, N. F. M., & Muna'im, M. (2017, October). Automatic diabetic retinopathy detection and classification system. In *2017 7th IEEE International Conference on System Engineering and Technology (ICSET)* (pp. 162-166). IEEE.

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CERTIFICATE OF PUBLICATION

**HBRP
Publication**

We Acknowledge the Manuscript entitled

Detect-DR: Classification of Diabetic Retinopathy using Fractal Analysis and Random Forest

Submitted by

Kajal S. Malusare

has been published in

Advancement in Image Processing and Pattern Recognition

Volume 05 Issue 02 Year 2022



*With regards,
Aditya Kumar Anand
Managing Director,
HBRP Publication Pvt. Ltd.*

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Publication**

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Detect-DR: Classification of Diabetic Retinopathy using Fractal Analysis and Random Forest

Submitted by

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Volume 05 Issue 02 Year 2022



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Submitted by

Sneha S. Pawar

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Volume 05 Issue 02 Year 2022



*With regards,
Aditya Kumar Anand
Managing Director,
HBRP Publication Pvt. Ltd.*

2.2 Workshops For Encouraging Students



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune-Bangalore Highway, Dhungawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 - Teaching Learning & Evaluation

Key Indicator - 2.3.1 Teaching and Learning Process

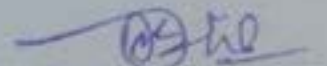
2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Workshop For Encouraging Students Of A.Y.2021-2022

S.No	Title of Workshop/Webinar	Expert Speaker / Resource Person	Name Of Department	Duration
1	Workshop on, " Level-2 Skill Building Workshop"	Mr.Vipul Landekar	Civil Department	20/05/2022
2	Workshop on, " Introduction of AutoCAD Software"	Mr.Prajwal Gaikwad	Civil Department	30/03/2022
6	Workshop on "Software Testing"	Mr. Mosin Tamboli	Computer Department	12/04/2022 to 13/04/2022
7	Workshop on " Machine Learning"	Mr. Digambar Bodake	Computer Department	20/12/2021 to 21/12/2021
8	Engineer's Opportunity in Process Industries	Mr. Pramod Deshmukh, Mr. S. P. Singh	Department of Mechanical Engineering	12/06/2021
9	Recent Trends and Innovation in Human Computer Interface	Dr. G. D. Bhutkar	Department of Mechanical Engineering	13/01/2022



12	Workshop on "Hands on Training on Internet of thing using ESP32"	Mr. Sangameshwar S. Kendre	Electronics & Telecommunication Engineering	15/11/2021 to 17/11/2021
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Prof. Dr. S. B. Patil

Principal
 Rajad Deshpande
 Shri Chhatrapati Shivaji Maharaj College of Engg.
 Bhamburda, Pune-412206





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhore, Dist: Pune -412205 (MS), India.
Website: www.rajgad.edu.in, Email Id: sescoe@gmail.com

Date: 11th Nov 2021

PERMISSION LETTER

To,
The Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangawadi, Pune

Subject: Permission for conducting threedays Workshop on "Hands-on Training on Internet of Things using ESP32" for third and final year students.

Respected Sir,

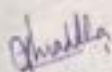
With reference to above subject, E&TC department is going to conduct a workshop on Hands-on Training on Internet of Things using ESP32" for final year students and faculty in the institute from 15/11/2021 to 17/11/2021 at 7.00pm to 9.00pm.

The guest to conduct the workshop is Mr. Sangameshwar S. Kendre from PERI Solutions, Pune. He is working as Chief Technical Officer. He is also guest faculty in BITS Pilani, WILP Division. He had conducted 6 one week workshops and 5 guest lectures in different institutes and industries. He had 13 years teaching and 5 years industry experience.

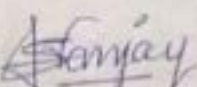
IOT is today's technology. Student get awareness of IOT technology and can create their interest in same. Now a days ESP32 is using in industry for automation purpose. This workshop is also useful to students for placement purpose.

So I request you to give the permission to conduct a workshop on Hands-on Training on Internet of Things using ESP32 and sanction the remuneration Rs. 5000/-. Please do the needful.

Thanking you,
Yours Sincerely


Prof. S. Y. Tule

Event Co-Coordinator


Prof. Dr. S. I. Nipankar

Event Coordinator


Prof. T. M. Dudhane

HOD E&TC
Head of Department
Dept. of E&TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune - 412206

Remark:





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, Email Id: scscoe@gmail.com

Ref.: RD/SCSCOE/DA/2020-2021/ 02

Date: 08/10/2021

INVITATION LETTER

To,
Mr. Sangameshwar S. Kendre
Chief Technical Officer,
PERI, Solutions, Pune

Subject: Invitation for conducting 3 Days workshop on "HANDS ON TRAINING ON INTERNET OF THINGS USING ESP32".

Dear Sir,

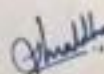
Our department of Electronics and Telecommunication Engineering is going to organise a 3 Days online workshop on "HANDS ON TRAINING ON INTERNET OF THINGS USING ESP32" from 11th Oct to 13th Oct 2021 for faculties and students of TE and BE of Electronics and Computer department.

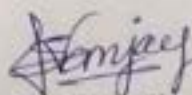
Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said online workshop.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Yours truly,


Prof. S. Y. Tule
Event Coordinator

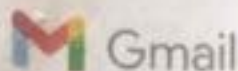

Prof. Dr. S. I. Nipanikar
Event Coordinator


8/10/2021
Prof. T. M. Dudhane
HOD
Head of Department
Dept. of E & TC Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune - 412206


Prof. Dr. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangawadi, Pune-412206



Sanjay Nipanikar <sin.rdto@gmail.com>



Invitation for 3 Days Workshop of Hands On Training On Internet Of Things Using Esp32

2 messages

Fri, Oct 08, 2021 at 10:05 AM

Sanjay Nipanikar <sin.rdto@gmail.com>
To: kendresangam11@gmail.com

Respected Sir,

As per our telephonic conversation I am sending the invitation letter of our program Kindly accept the same.

Thanking you

Regards,

Prof. Dr. S. I. Nipanikar
Associate Professor
Electronics and Telecommunication
Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

Brochure.pdf
150K

Sangameshwar Kendre <kendresangam11@gmail.com>
To: Sanjay Nipanikar <sin.rdto@gmail.com>

Fri, Oct 08, 2021 at 10:28 AM

Thank you sir for Invitation. We will start session on time.

Regards,

Mr. Sangameshwar S. Kendre
Chief Technical Officer,
PERI, Solutions, Pune

<https://mail.google.com/mail/u/0/?ik=a0ba0d06c2&view=pt&search=all&permthid=thread-a%3Ar-6406313862906889331&siml=msg-a%3Ar-6398051...>

1/1





DEPT. OF ELECTRONICS AND TELECOMMUNICATION ENGG.

Date: 9th Oct 2021

NOTICE

Greetings to all.....!!

On the behalf of Department of Electronics & Telecommunication Engineering, all are cordially invited to join the 3 days workshop on 'HANDS ON TRAINING ON INTERNET OF THINGS USING ESP32' by Mr. Sangameswar S. Kendre (Chief Technical Officer, PERI, Solutions, Pune) for both Students and Faculties..

Date: 11/10/2021 to 13/10/2021 at 7.00 pm to 9.00 pm.

Student Coordinator:

Manthan Pawar (9822583871)

Faculty Coordinators :

Dr. Sanjay I. Nipanikar (8459909962)

Ms. Shraddha Y. Tule (7588594934)

Head of the Department:

Prof. T. M. Dudhane



Notice on Social Media

Date: 9th Oct 2021.

Greetings to all.....!!

Join us in the Live 3 Days Workshop on 'HANDS ON INTERNET OF THINGS USING ESP32' by Mr. Sangameswar S. Kendre (Chief Technical Officer, PERI, Solutions, Pune) for both Students and Faculties.

Organised by Department of Electronics & Telecommunication of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Dhangwadi, Pune, Maharashtra.

Date: 11/10/2021 to 13/10/2021 at 7.00 pm to 9.00 pm.

Workshop Content:

- IOT Architecture, building blocks,
- Things in IOT, Terminology - end nodes/sensor nodes
- Gateways - servers/cloud platforms, Applications of IOT
- Introduction of ESP32 platform
- Installing ESP32 in Arduino IDE
- Digital Inputs and Outputs- Interfacing of LED, Switch
- Interfacing of IR sensor
- Interfacing of PIR Motion Sensor
- Pulse-Width Modulation (PWM)
- Reading Analog Inputs: Interfacing of moisture sensor
- Interfacing of DHT11
- ThingspeakIoT Cloud platform
- Post Humidity and Temperature Data to ThingSpeak

You will receive E- certificate after successful participation and feedback.

Link to registration:

<https://forms.gle/rNwPiFxn9DMctncE6>

Please join the workshop through Google Meetlink given below:

Video call link: <https://meet.google.com/ztj-ipke-akr>

Faculty Coordinators :

Dr. Sanjay I. Nipanikar (8459909962)

Ms. Shraddha Y. Tule (7588594934)

Student Coordinator:

Manthan Pawar (9822583871)

Head of the Department:

Prof. T. M. Dudhane

Principal :

Prof. Dr. Sanjay B. Patil

Website: www.rajgad.edu.in





Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering,

Dhangwadi, Pune, Maharashtra

Presents A 3 Days Workshop on

Hands on Training Internet of Things using ESP32



Speaker:

Mr. S.S. Kendre

Chief Technical Officer

PERI Solutions, Pune

Faculty Coordinators :

Prof. Dr. S. I. Nipanikar

Mrs. Shraddha Y. Tule

Student Coordinator:

Manthan Pawar

(9827583871)

Both Students & Faculties can attend the workshop.

Course Content:

- IOT Architecture.
- Gateways - servers/cloud platforms.
- Applications of IOT.
- Introduction of ESP32 & Installing ESP32 in Arduino IDE.
- Digital Inputs and Outputs- Interfacing of LED, Switch.
- Interfacing of IR sensor and PIR Motion Sensor.
- Pulse-Width Modulation (PWM)

Registration link: <https://forms.gle/rNwPiFxn9DMctncE6>

Date: 11th to 13th Oct 2021,

Time: 7 pm to 9 pm

Google meet link: <https://meet.google.com/ztj-ipke-akt>

E-certificate will be available

for successful participation & feedback.

Organized by: Department of Electronics & Telecom. Engineering

Head of Department

Prof. T. M. Dudhane

Principal

Prof. Dr. Sanjay B. Patil





RajgadDnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhanganwadi, Tal - Bhor, Dist- Pune (MH)

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGG

**Webinar Report on "Hands On Training On Internet Of Things Using
ESP 32"**

Date: 20/10/2021

1. Program type: Webinar
2. Event Name: Hands On Training On Internet Of Things Using Esp32
3. Attendees: Students and Faculties
4. Name and Designation of Resource Person : Mr. Sangameshwar S. Kendre, Chief Technical Officer
5. Company / Institute of Resource Person: PERI, Solutions, Pune
6. Event coordinator: Prof. Dr. S. I. Nipanikar, Prof. S. Y. Tule
7. Date of Execution: 11/10/2021 to 13/10/2021
8. Duration of Event: 3 Days
9. Venue of event / Link: <https://meet.google.com/zti-igke-akr>
10. Number of Participants: 45
11. Fee details: Free
12. Objectives: The objective of the Course is to create awareness among participants along with hands-on experience regarding concepts of Arduino input output functions, Arduino time, display, sensor, communication and its applications .
13. Outcomes:
14. Description (program conduction details) / speaker topic explanation:
Department of Electronics and telecommunication organized online Add on Course on "Introduction and Application of Internet of Things" on 11/10/2021 to 13/10/2021 for TE, and BE E&TC students to give information about Internet of Things.

IoT opens ways to a sea of valuable data through analysis, real-time field data, and testing. The Internet of Things also improves the current devices in power, precision, and availability. IoT focuses on creating systems rather than just equipment. Arduino is an open-source and prototype platform that is based on software and hardware. It is easy to use. Arduino is the overall microcontroller motherboard and it has ready-made software called Arduino IDE (Integrated Development Environment), this software is used to write and upload the computer program code to the physical board.





RajgadDnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (MH)

Internet of Things (IoT) is one of the most exciting trends and innovation in the recent history of technological advancement covering wide range of applications like healthcare, entertainment, appliances control & utility services, security, defense, traffic management, transportation, home & industrial automation, remote monitoring, smart cities, smart farming, smart grid etc. IoT is the network of physical devices accessed through the Internet. IoT market is likely to experience year-on-year growth, rising to more than 50 billion devices which will be digitally connected across the globe by 2020.

15. Conclusion: In conclusion, Internet of Things is the concept in which the virtual world of information technology connected to the real world of things. The technologies of Internet of things such as RFID and Sensor make our life become better and more comfortable. that helps in their knowledge and gain some new skills for getting some worthy job opportunities.

16. Photos with caption



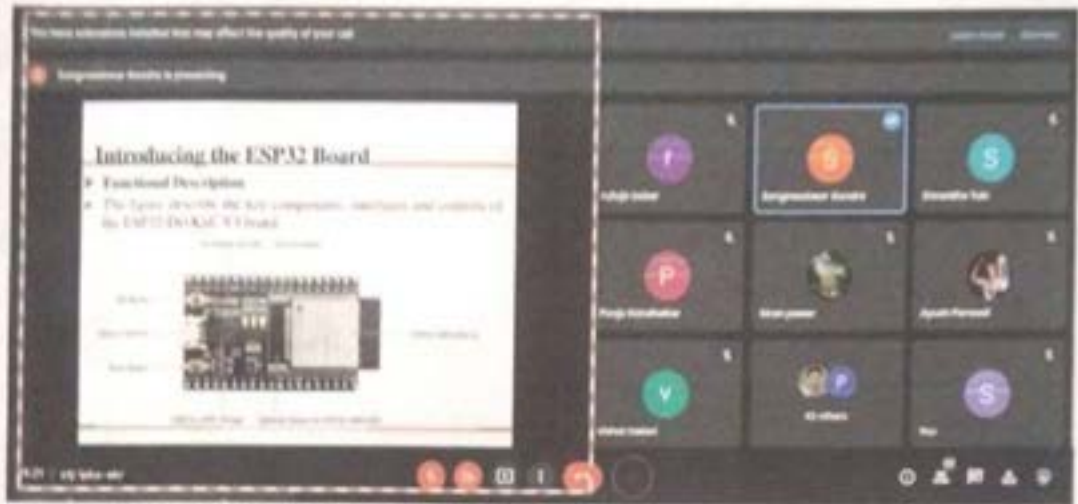
Mr. Sangameshwar Kendre guiding students and faculties



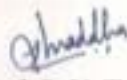


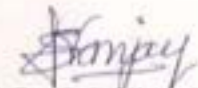
Rajgad Dnyanpeeth's SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING


Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (MH)

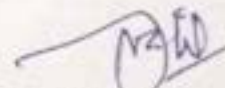


Mr. Sangameshwar Kendre explaining ESP32 Board


Prof. S. Y. Tule
Coordinator

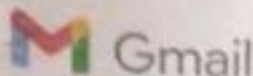

Prof. Dr. S. I. Nipnikar
Coordinator


Prof. T.M. Dudhane
HOD
Head of Department
Dept. of E & TC Engineering


Prof. Dr. S. B. Patil
Principal

Rajgad Dnyanpeeth's
Shri Chh. Shivajiraje College of Engineering
Dhangawadi, Pune-412206





Sanjay Nipanikar <sin.rdtc@gmail.com>

Invitation for 3 Days Workshop of Hands On Training On Internet Of Things Using Esp32

2 messages

Sanjay Nipanikar <sin.rdtc@gmail.com>
To: kendresangam11@gmail.com

Fri, Oct 08, 2021 at 10:05 AM

Respected Sir,

As per our telephonic conversation I am sending the invitation letter of our program. Kindly accept the same.

Thanking you.

Regards,

Prof. Dr. S. I. Nipanikar

Associate Professor

Electronics and Telecommunication

Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

 Brochure.pdf
150K

Sangameshwar Kendre <kendresangam11@gmail.com>
To: Sanjay Nipanikar <sin.rdtc@gmail.com>

Fri, Oct 08, 2021 at 10:28 AM

Thank you sir for Invitation. We will start session on time.

Regards,

Mr. Sangameshwar S. Kendre

Chief Technical Officer,

PERI, Solutions, Pune

Sanjay Nipanikar <sin.rdtc@gmail.com>
To: kendresangam11@gmail.com

Wed, Oct 13, 2021 at 02:35 PM

Respected Sir

On behalf of the Department of E&TC Engineering of RD's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the 3 days workshop on "HANDS ON TRAINING ON INTERNET OF THINGS USING ESP32" from 11/10/2021 to 13/10/2021. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

Once again, thank you for making the workshop successful, and we appreciate your continued support in future.

Regards,

Prof. Dr. S. I. Nipanikar

Associate Professor

Electronics and Telecommunication

Shri Chhatrapati Shivajiraje College of Engineering



Attendance & Feedback for 3 Days Workshop on "HANDS ON TRAINING ON INTERNET OF THINGS USING ESP32"

Dear participants, thank you for attending the Workshop. Please provide your feedback. You will receive an E-certificate after submitting this form.

* Required

1. Email *

2. Full Name of Participant (to be displayed on e-certificate) *

3. Mobile number (10 digit) *

4. Participants *

Mark only one oval.

Student

Staff

5. Name of Department *



6. Year

Mark only one oval.

SE

TE

BE

7. Roll No.

Please provide your feedback according to the following rating scale: 1-Poor, 2- Fair, 3- Average, 4- Good, 5- Excellent.

8. Has the speaker possess deep knowledge of topic explained in session? *

Mark only one oval.

1 2 3 4 5

9. Did the session/ course fulfill your Professional/ Personal objectives? How far did the session meet your expectations? *

Mark only one oval.

1 2 3 4 5



10. How was communication skill and content delivery of speaker? *

Mark only one oval.

1 2 3 4 5

11. Has the session found helpful and increased your knowledge related to topic? *

Mark only one oval.

1 2 3 4 5

12. How was overall learning experience of the session? *

Mark only one oval.

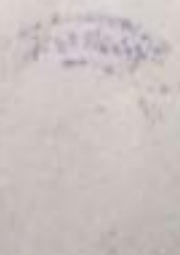
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This content is neither created nor endorsed by Google.

Google Forms



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11090001	18.22.03	shayabha17@gmail.com	Bansha Ganesi year	88750012	Rajag Chhatrapati Terma	Student	Computer
11090001	18.24.45	shayabha17@gmail.com	Bansha Kales Rajani	84711585	Rajag Chhatrapati Terma	Student	Computer
11090001	18.25.14	shayabha17@gmail.com	Anita kalesha wale	78910177	Rajag	Student	E & T
11090001	18.27.38	shayabha17@gmail.com	Mangal S. Bawar	87004918	SC/CC	Staff	Mechanical Engineering
11090001	18.28.15	shayabha17@gmail.com	Zaher Kaniar	78910287	Ashra education society	Student	Electrical
11090001	18.28.38	shayabha17@gmail.com	Aditi Prakash Javle	80201888	Ashra Education Society	Student	Electrical
11090001	18.28.58	shayabha17@gmail.com	Ushra Anja ani	94520791	Rajag Chhatrapati Terma	Student	Computer
11090001	18.30.09	shayabha17@gmail.com	Rishi Rajni	87004918	Rajag college of engnee	Student	ETC
11090001	18.30.34	shayabha17@gmail.com	Prakash Rupa Buri	80202807	SC/CC	Student	Computer
11090001	18.30.57	shayabha17@gmail.com	Prak Ashraji Khar	87004917	SC/CC	Student	ETC
11090001	18.31.27	shayabha17@gmail.com	Prerna Ganan Barche	80202808	Ashra Chhatrapati Terma	Staff	En
11090001	18.32.33	shayabha17@gmail.com	Shreya Manish Shinde	80202809	Rajag Chhatrapati Terma	Student	Computer
11090001	18.33.38	shayabha17@gmail.com	Pragna Ushra Kumbhar	77128014	Rajag Chhatrapati Terma	Student	En
11090001	18.35.58	shayabha17@gmail.com	Prerna Kranti Tarkar	87004918	SC	Staff	Electronics and communication engineering
11090001	18.40.45	shayabha17@gmail.com	Shivale Anja Mini	87004918	Rajag Chhatrapati Terma	Student	Computer
11090001	18.44.25	shayabha17@gmail.com	Opal Shree Jethar	80204274	Ashra education society	Student	Electrical
11090001	18.47.33	shayabha17@gmail.com	Kiran Deshmukh Chavan	84544602	Ashra Education Society	Staff	Mechanical
11090001	18.49.28	shayabha17@gmail.com	Nela Nishant Chhatrapati	74854057	Rajag Chhatrapati Terma	Student	Computer
11090001	18.51.30	shayabha17@gmail.com	Mehant Chaitanbhar Chhatrapati	87004918	Rajag Chhatrapati Terma	Staff	Mechanical
11090001	20.02.57	shayabha17@gmail.com	Waghar ani shree	87004918	College	Student	Electrical
11090001	20.03.38	shayabha17@gmail.com	Ashra Mahesh Patil	70284384	Shi Chhatrapati Terma	Student	ETC
11090001	20.04.45	shayabha17@gmail.com	Santosh Manish Sahar	70284385	Rajag Chhatrapati Terma	Student	Mechanical engineering
11090001	20.06.37	shayabha17@gmail.com	Khushi Anushka Shethi	80202804	Ashra education society	Student	Electrical
11090001	20.10.57	shayabha17@gmail.com	Prof. Suman D Pawar	80202805	SC/CC Chhatrapati Terma	Staff	ETC
11090001	20.16.55	shayabha17@gmail.com	Om Nihal	80201849	Ashra education society	Student	Electrical engineering
11090001	20.20.21	shayabha17@gmail.com	Pragna Pratik Sahar	80202807	Ashra education society	Student	ETC
11090001	20.22.08	shayabha17@gmail.com	Anita Nehruvani Khar	80201878	Ashra education society	Student	Electrical engineering
11090001	20.23.18	shayabha17@gmail.com	Sandip Shri Bhande	87004918	Rajag Chhatrapati Terma	Student	Mechanical
11090001	20.24.18	shayabha17@gmail.com	Nishant Anil Kumar Sahar	70284384	Ashra College	Student	Electrical Engineering
11090001	20.25.28	shayabha17@gmail.com	Shivale Rajesh Buri	80204285	SC/CC	Student	E & TC
11090001	20.48.45	shayabha17@gmail.com	Waher Karal Bawar	70284387	Rajag Chhatrapati Terma	Student	ETC
11090001	20.49.20	shayabha17@gmail.com	Swapnil Laxmi Bhande	84544604	Ashra Education Society	Student	En
11090001	21.06.58	shayabha17@gmail.com	Nishant Anil Kumar Sahar	70284384	Ashra College	Student	EE
11090001	21.11.02	shayabha17@gmail.com	Bulgade Omkar Santosh	87004918	SC	Student	Ty computer
11090001	21.12.08	shayabha17@gmail.com	Chhatrapati Santosh Santosh	87004918	Ashra Chhatrapati Terma	Student	Electrical engineering
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11090001	22.07.08	shayabha17@gmail.com	Jashu Pratik Sahar	80202805	Ashra education society	Student	Electrical engineering
11090001	22.07.38	shayabha17@gmail.com	Shriya Vashant Rajani	80202804	Ashra education society	Student	Electrical engineering
11090001	22.08.40	shayabha17@gmail.com	Mansi Siddhant Rajani	80201878	College	Student	Electrical Engineer
11090001	22.10.03	shayabha17@gmail.com	Kabirani ani Javle	87004918	College	Student	En
11090001	22.10.03	shayabha17@gmail.com	Mrs. Anur Sahar	70200137	Ashra education society	Student	Electrical engineering
11090001	22.10.48	shayabha17@gmail.com	Munasa Wanda shree	80201878	Ashra education society	Student	En
11090001	22.11.03	shayabha17@gmail.com	Tyaji Vithu Shree	80204945	ASHRA COLLEGE, WADGA	Student	ETC
11090001	22.11.03	shayabha17@gmail.com	Chhatrapati Santosh Santosh	87004918	Ashra Education Society	Student	Electrical engineering
11090001	22.11.03	shayabha17@gmail.com	Kishore Nishant Sahar	70202804	Ashra Education Society	Student	Electrical engineering
11090001	22.11.03	shayabha17@gmail.com	Shri Pratik Sahar	80202805	Ashra Education Society	Student	Electrical Engineering
11090001	22.11.03	shayabha17@gmail.com	Mrs. Anur Sahar	70202805	Ashra Education Society	Student	Electrical engineering
11090001	22.11.03	shayabha17@gmail.com	Wale Trupti Pratik	87004918	Ashra Education Society	Student	Electrical
11090001	22.11.03	shayabha17@gmail.com	Kanika Anur Sahar	87004918	ASHRA COLLEGE WADGA	Student	ETC
11090001	22.11.03	shayabha17@gmail.com	Nishant Santosh Sahar	80201878	College	Student	En
11090001	22.11.03	shayabha17@gmail.com	Vinay Santosh Sahar	70200137	Ashra education society	Student	Electrical



Sl. No.	Name of the Candidate	Roll No.	Grade	Percentage	Remarks
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Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S.No.237, Satara-Pune, NH-4, Dhangwadi, Tal: Bhor, Dist. Pune (Maharashtra)



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

CERTIFICATE OF APPRECIATION

This is to certify that

Archana Mahadeo Patil

has successfully completed the 3 days workshop on "Hands-on Internet of Things using ESP32" organized by Department of Electronics and Telecommunication Engineering, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune from 11/10/2021 to 13/10/2021.

S. Y. Tule

Prof. S. Y. Tule
Coordinator

S. I. Nipani

Prof. Dr. S.I. Nipani
Coordinator

T. M. Dudhane

Prof. T. M. Dudhane
HOD, E&TC Engg.

S. B. Patil

Prof. Dr. S. B. Patil
Principal





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

S.No.237, Satara-Pune, NH-4, Dhangwadi, Tal: Bhor, Dist. Pune (Maharashtra)



DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

CERTIFICATE OF APPRECIATION

This is to certify that

Prajakta Uttam Kumbhar

has successfully completed the 3 days workshop on "Hands-on Internet of Things using ESP32" organized by Department of Electronics and Telecommunication Engineering, Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune from 11/10/2021 to 13/10/2021.

Prof. S. Y. Tule
Coordinator

Prof. Dr. S.I. Nipanikar
Coordinator

Prof. T. M. Dudhane
HOD, E&TC Engg.

Prof. Dr. S. B. Patil
Principal



2.3 Group discussions to Promote Communication skills



Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangwadi, Tal-Bhor, Dist. – Pune – 412206.

Department of Computer Engineering

Date: 11-10-2021

All the students of T.E are hereby informed that Computer Department has organized a Group discussion on "Social Media: Impact on Human Behavior and Society" on 11th of October 2021. Group discussion activity will be taken in batches. Attendance is compulsory to all for this activity

Faculty Coordinate:

Mrs. Ashwini Nawadkar

Head of Department

Prof. B. D. Thorat



Group Discussion

Topic name: "Social Media: Impact on Human Behavior and Society"

Class: T. E. (Computer)

Time: 1:00 p. m to 3:00 p. m

Point Discussed:

1. Interaction
2. Mass awareness
3. Marketing
4. Campaigning
5. Negative effects of social media Privacy breach
6. Failure to distinguish between real and fake
7. Deteriorated productivity
8. Cyber-Bullying
9. Addiction

On 11th October 2021, Group Discussion was conducted on the topic "**Social Media: Impact on Human Behavior and Society**". At the beginning of the session everybody seemed hesitant in expressing their opinion but soon the discussion picked up the pace and the purpose of the discussion, which was to encourage students to speak up and boost their confidence, was fulfilled.

The discussion was between groups, First group chose to highlight the positive impact of social media, Second group comprised of students who perceived negative impact of social media and the third group was the neutral group that apprised about both the benefits and challenges of social media.

Points discussed in the favor of the topic were like "it makes people broad minded, helps in expanding knowledge, makes easy to find jobs, promotes digital marketing, access to more information and enhances social connectivity & communication". The views against the motion were "leads to false trap, self- obsession and materialism, means of spreading fake news and promotes gossips, trolling and addiction".

Lastly, we tried to draw attention of the students to summarize and conclude the GD highlighting all the important points' discussed by all the groups.



Social Media: Impact on human behavior and society Positive effects of social media

Interaction

Social media has made communication a lot easier than ever before. Now, with a touch of a button people could communicate with anybody anywhere in the world. Websites such as Facebook make communication with others an easy task. It also allows users to share pictures, express views on several different topics, and interact and bond with people from different origins and cultures. Thus diminishing cross country barriers and helping them globalize through the virtual space.

Mass awareness

One of the significant impacts of social media is the tremendously increased awareness of the masses in the context of the news and happenings going all around the world because the internet spreads news and reviews more rapidly than any other mode and social media makes them do so. Right from political news to social movements to news about famous personalities, everything gets communicated much faster and easier here. As a consequence, people are getting more aware and updated on everything.

Marketing

Social media has become the next big thing for marketing by companies. People from almost all age groups are available on social media and rather than using traditional marketing techniques of TV and print ads, marketers are now shifting the focus on social media to target customers. Small businesses also are able to gain from this since this kind of marketing requires little investment in comparison to traditional marketing. Social media has also made mass customization possible. The customers get to see only those products which are relevant for them, based on their search patterns and previous purchases. This is also helping them save their precious time and they can choose from a variety of options and get the products delivered to their doorstep.

Campaigning

Governments of many countries are leveraging social media to engage with the citizens and to garner their support, suggestions, and views on policies for effective governance. It can be used to create a particular sentiment amongst the public. The utilization of social media for the general election by Prime Minister Narendra Modi played an imperative role in his success.



Negative effects of social media Privacy breach

It has been observed that as people are getting more open about their personal lives on social media networks, there has been a serious threat to their privacy. Their personal data can be easily hacked and misused. A case in point is the recent case where a researcher linked to Cambridge Analytical (CA), a political consulting firm had accessed the details of 50 million Facebook users. The data was shared with Cambridge Analytical, which used online data to reach voters on social media with personalized messages and swayed the 2016 US elections.

Failure to distinguish between real and fake

It has been generally observed that with the ability to share things with millions of people across the globe, people start faking things about their real life. While everyone wants to present their best in front of the world, they simultaneously face an identity crisis with themselves. The competition to look good and show good and continuous comparison also results in stress, depression, and various psychological disorders especially amongst teenage users.

Deteriorated productivity

Research by Nucleus Research stated that Facebook adds to 1.5% of the total office productivity across the globe. As suggested by the report, people spend most of their productive time interacting on social media and this has adversely related to their productivity at work. While many businesses are using social media to boost their businesses, they are also a great distraction for the employees who may be more interested in their friends rather than at work.

Cyber-Bullying

This is really a serious issue when many people unintentionally fall prey to terrorist activities, false claims, and cybercrime tending to the extent of even provoking kids and teenagers to commit suicides.

Addiction

One of the most prominent ill effects of social media is that of addiction. According to a survey, internet users are now spending an average of 2 hours and 22 minutes per day on social media platforms. From checking Facebook while waiting in the billing counter to posting photos on Instagram during eating – people have been spending quite a lot of their time on social media. This addiction has negative health impacts like strain, eye problems, fatigue, distraction, etc.



We can conclude that with advancements in the digital space, social media is of significant importance to us. It can help us reach a wider audience at a low cost, gain knowledge at our fingertips, enhance our communication, and create awareness. But it also has its own threats of privacy breach, addiction, cyberbullying amongst others. Excessive engagement in social media is an invitation to several vices however if used judiciously, it can be a boon for mankind.



Ashwin
Prof. A. R. Nawadkar
(Program Coordinator)



B.D.T.
Prof. B. D. Thorat
(H. O. D)
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

2.4 Webinar /Seminar/Guest Lecture to Build Students Confidence



Rajgad Dayanagar's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhargewadi, Tal - Hbar, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation

Key Indicator – 2.3.1 Teaching and Learning Process


2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Webinar/Seminar/Guest Lecture For Encouraging Students Of A.Y.2021-2022

S.No	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Name Of Department
1	Webinar, "Empowerment of Professional skills"	Mrs. Tusharika Limaye	19/11/2021	Civil
2	Webinar on, "Email Writing & Professional communication skills"	Mrs. Tusharika Limaye	13/04/2021	Civil
3	Seminar on Functioning of Slip-Formwork techniques	MR. Subhodh Sunil Potnis	17/11/2021	Civil
4	Guest lecture on Rapidly & Gradually Varied Flow	Prof. D. K. Khopade	20/11/2021	Civil
5	Guest lecture on Design of Rectangular & Square Water Tank	Prof. Abhijeet A. Galatage	27/11/2021	Civil
6	Guest lecture on Design of Industrial Steel Structure	Prof A.P Khatri	18/11/2021	Civil



7	Design of Machine Elements	Dr. P. D. Darule	04/12/2021	Mechanical
8	Heating Ventilation & Air Conditioning	Dr. Shivaji Maknikar	20/11/2021	Mechanical
9	Guest Lecture on "Web Technology Lab"	Mr. Pramod Patil	13/09/2021	Computer
10	Seminar on "Computer Network"	Mrs. Prachi Desai	07/03/2022	Computer
11	Guest Lecture on "Python Programming"	Mr. Shailesh Patil	11/01/2022	Computer
12	Guest Lecture on "Block chain Technology"	Mr. Gajanan Bhole	13/12/2021	Computer
13	Seminar on "Electrical Vehicles & Batteries"	Mr. Suresh Ubhe	26th Nov. 2021	E & TC
14	Webinar on "Current Industry Trends"	Mr. Sachin Mali	24th Nov 2021	E & TC
15	Webinar on "Machine Learning & Its Applications"	Mr. Rushikesh Gite	24/09/2021	E & TC
16	Guest Lecture on "Electrical Vehicles & Batteries"	Mr. Suresh Ubhe	20/10/2021	E & TC



Prof. Dr. S. B. Patil

Principal

Rajad Dnyanesh's
Sri Chhatrapati Shivaji College of Engg.
Dhingawadi, Pune-412206





Rajgad Dayanagar's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhargewadi, Tal - Hbar, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation

Key Indicator – 2.3.1 Teaching and Learning Process


2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Webinar/Seminar/Guest Lecture For Encouraging Students Of A.Y.2021-2022

S.No	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Name Of Department
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Prof. Dr. S. B. Patil

Principal

Rajad Dnyanesh's
Sri Chhatrapati Shivaji College of Engg.
Dhingawadi, Pune-412206





Department of Computer Engineering

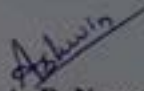
Date- 09/09/2021

NOTICE

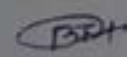
All T.E and B.E students are hereby informed that Computer Department has organized a Guest Lecture on "Web Technology Lab" on 13th of September 2021 at 11:00 am to 1:00 pm and 2:00 pm to 4:00 pm.

Note:

1. Guest Lecture will be online
2. Attendance is mandatory to all
3. Guest Lecture will start and end as per schedule time.


Prof. A. R. Nawadkar
Guest Lecture Coordinator




Prof. B. D. Thorat
H. O. D
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune - 412206



Rajgad Dayanpeeth's
Shri Chhatrapati Shivaji Raj College of Engineering
Dhangwadi, Tal-Bhor, Dist. - Pune - 412206.

INVITATION LETTER

Date- 09/09/2021

To

Mr. Pramod Patil

Web Mines It Solution,

Pune.

Subject: Invitation for conducting Guest Lecture on "Web Technology Lab"

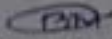
Respected sir,

This gives Department of Computer Department of SCSCOE, great pleasure to request you to conduct Guest Lecture on "**Web Technology Lab**" for T. E and B. E. students of SCSCOE in RDTC-SCSCOE, Dhangawadi.

We will be thankful to you if you can schedule on 13th of September 2021.

Waiting for your positive reply.




Prof. B. D. Thorat
(H. O. D)

Head of Department
Dept. Computer Engineering
Shri Chh. Shivaji Raj College of Engg.
Dhangwadi, Tal-Bhor, Dist. - Pune - 412206



Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangwadi, Tal-Bhor, Dist. - Pune - 412206.

PERMISSION LETTER

Date- 09/09/2021

To,
The Principal,
RD's SCSCOE,
Dhangawadi, Bhor.

Subject: Regarding permission of Guest Lecture on Web Technology Lab & Sanctioning of remuneration.

Respected sir,

Computer Dept. is going to conduct Guest Lecture on "Web Technology Lab" for T. E and B. E. students.

Mr. Pramod Patil has been invited as a speaker for the lecture of Computer engineering student. The lecture will be held in his presence. He will deliver the lecture on following day and date.

Sr. No.	Day	Date	Subject	Class
1.	Monday	13-09-2021	Guest Lecture on Web Technology Lab	T. E. AND B. E. (Computer)

Kindly Sanction the remuneration of total amount Rs. 2000/-

Thanking you.

Ashwin
Prof. A. R. Nawadkar

Coordinator



B. D. Thorat
Prof. B. D. Thorat

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

Remark

*Pay
Rs 2000/-*

9/9/21

Principal

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering





Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangwadi, Tal-Bhor, Dist. - Pune - 412206.

CONDUCTION LETTER

Date-09/09/2021

To

Mr. Pramod Patil

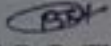
Web Mines It Solution,

Pune

We express our immense gratitude for having you at our college to conduct a fabulous Guest Lecture on "Web Technology Lab". It was our pleasure for having a person like you at our institute. We take this opportunity to tell you this with pride that our student thoroughly enjoyed your entire sessions. We would like to know if you ever need our support.

Thank You so much.




Prof. B. D. Thorat
(H. O. D)

Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangwadi, Pune-412206



REPORT OF GUEST LECTURE ON WEB TECHNOLOGY LAB

TOPIC : "GUEST LECTURE ON WEB TECHNOLOGY LAB"

DAY/DATE : 13/09/2021

DURATION OF EVENT : 11:00 am to 1:00 pm and 2:00 pm to 4:00 pm.

OBJECTIVE

1. Provide student a conceptual overview of Web Technology Lab.
2. Understand and use essential technique of Web Technology Lab.

SUMMARY

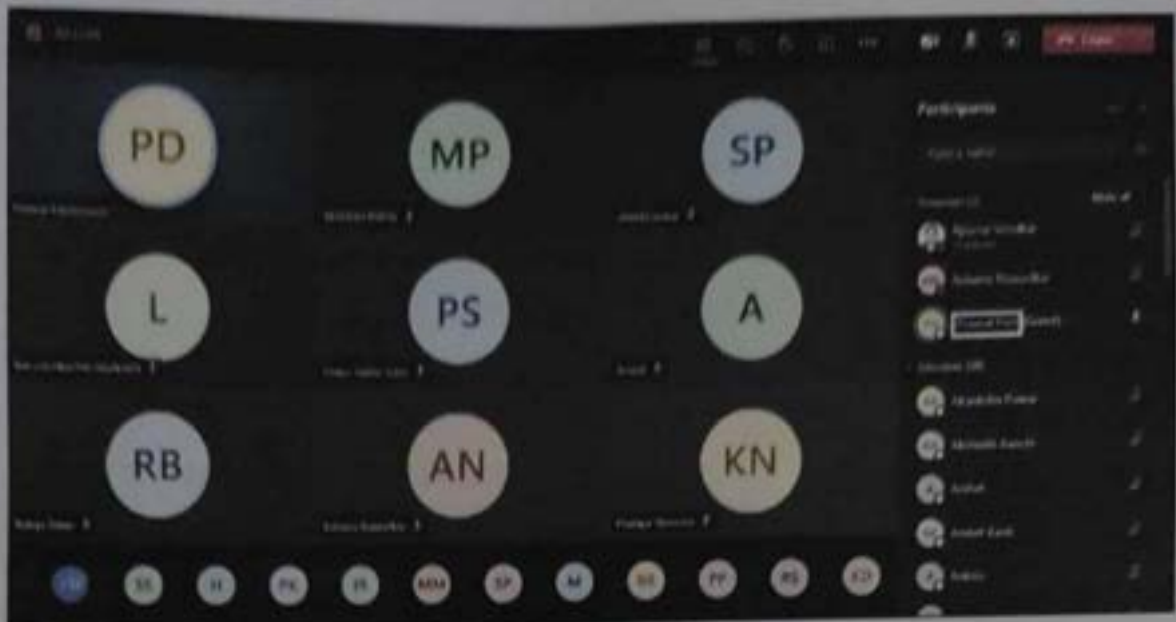
The guest lecture has started with Mr. Pramod Patil briefing the students about Web Technology Lab and then provided the students with some free sources and sites from which they can get more information about the topic and probably can make something good out of it. Prof B. D. Thorat (Head of Department) welcome the Guest Mr. Pramod Patil.

The lecture covered the basic techniques that help students to build and apply prediction function with an emphasis on practical applications.

The course outcome of the guest lecture:

1. Familiarize the functional/operational aspects of Web Technology Lab.
2. Understand emerging concepts of Web Technology Lab.

In his lecture he discussed about the present trends in web technologies and emphasized the importance of core java programming and JSP. He also explained the students what are the concepts that the present software companies are looking for and he has given a brief overview of the importance of MVC1 and MVC2 architectures how they can be used, along with the design patterns. He also has given an introduction about the Android applications with live execution. Finally he discussed about the basic concepts that any one should know to start a research in web technologies



A.R.N.
Prof. A. R. Nawadkar
Co-ordinator



B.D.T.
Prof. B. D. Thorat
HOD
Head of Department
Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Guest Lecture on "Web Technology Lab".

Student Feedback Form

Students are required to rate the course on the following attributes using the 4-point scale shown.

Course: [tick (✓) in the relevant cell]

Parameters	A Very Good	B Good	C Satisfactory	D Unsatisfactory
1. Overall rating of the course content		✓		
2. Course objectives were clear	✓			
3. Clarity and relevance of textual reading material		✓		
4. The teacher was effective in communicating the content of the course	✓			
5. The teacher responded to questions in an informative, appropriate and satisfactory manner.		✓		
6. Do you have any suggestions for future workshops that you would like us to organize?	NO			
7. Would you recommend this course to other students?	YES.			
Any Other Comments-				

Thank you for participating, we appreciate your feedback!!!!!!!



Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

DEPARTMENT OF COMPUTER ENGINEERING

G-2-CN

Academic Year:

Te

Attendance Sheet

Class: Subject :

Date:

Sr. No	Roll No.	Student Name	Signature
1	09	Deshmukh Hema Tanaji	Deshmukh
2	02	Bandal Rutuja Dattabhai	Bandal
3	16	Gaikwad Sakshi Abasaheb	Gaikwad A
4	26	Kale Renuka Nivrutti	Kale
5	27	Kamble Priyanka Shankar	P.S.Kamble
6	11	Deshmukh Suyash Dilip	Deshmukh
7	12	Deshpande Arney Chintamani	Deshpande
8	67	Deep Shah	Dr.
9	30	Kandhalkar Mangesh Shashikant	M.K.
10	14	Godhawe Rohit Sudhir	Godhawe
11	24	Jamadar Asim Zhekirhusen	Jamadar
12	22	Jagtap Mayur Sanjay	Jagtap
13	31	Kudale Harshada Abasaheb	Kudale
14	18	Gawade Nikita Mahendra	Gawade
15	17	Ganeshkar Gayatri Anil	Ganeshkar
16	23	Jagtap Sayali Sunil	Jagtap
17	15	Gaikwad Akshada Aijit	Gaikwad
18	25	Jankar Tejaswini Vijay	T.V.Jankar
19	06	Bhosale Suraj Dadaso	S.D.Bhosale
20	01	Badalhe Damayanti Dnyandeo	Damayanti
21	08	Dandekar Anujesh Chaurabha	Dandekar
22	36	Karun Anil Rajiwarde	Karun
23	34	Pawar Sanket Mohan	S.M.Pawar
24	04	Bhame Akash Rajendra	Akash
25	33	Mokashi Shreyash Jagwant	Mokashi
26	03	Bhandari Anuradha Mallappa	Bhandari
27	13	Dhame Sejal Sunil	Dhame
28	39	Salunke Sakshi Sandip	Salunke
29	28	Salunke Gauri Dattatray	Salunke
30	10	Sanika Parag Deshmukh	Sanika
31	28	Kattkar Yash Pramod	Kattkar
32	05	Sanket Pradip Bhosale	Sanket Bhosale
33	41	Sankpal Yogesh Ashok	Sankpal



Rajgad Dnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune

Webinar On
“CURRENT INDUSTRY TRENDS”

(24th November 2021)

Organized By

**Department of Electronics and
Telecommunication Engineering**

In association with

**Savitribai Phule Pune University
Pune, India**



Ref. No. SCSOE/ 2021 -22/

Date: 23/11/2021

PERMISSION LETTER

To,
The Principal,
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Dhangwadi, Pune

Subject: Permission for conducting Webinar of "Current Industry Trends"

Respected Sir,

We would like to conduct a webinar on "Current Industry Trends" for faculties and students of our Institute on 24th Nov 2021, by Electronics and Telecommunication Engineering department.

The main objective of the program is to guide faculties and students about new trends arise in industry every year. It is important for professionals to be familiar with these different trends to improve professional standing and can help one to understand what the potential upgrades are for the industry.

The guest speaker will be **Mr. Sachin Mali**, Programme Delivery Manager having 16+ IT industry experience from Tata Consultancy Services, United Kingdom. He has completed BE, E & TC from **Dr. Babasaheb Ambedkar marathwada University, Aurangabad**

It gives us great pleasure to invite him as a guest speaker for above said lecture. Kindly, allow us for the webinar and sanction the remuneration amount of Rs. 3000/-.

Thanking You.

Yours truly,

Prof. P. S. Gham

Event Co-Coordinator

Prof. R. S. Nipankar

Event Coordinator

Prof. T. M. Dudhane

HOD E&TC

Remark:





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: scscoe@gmail.com

Ref.: RD/SCSCOE/DA/2021-2022/ 04

Date: 23/11/2021

INVITATION LETTER

To,
Mr. Sachin Mali
Program Delivery Manager
Tata Consultancy Services,
United Kingdom.

Subject: Invitation for conducting webinar on "Current Industry Trends" on 24th Nov 2021.

Dear Sir,

Our department of Electronics and Telecommunication is going to organise a Webinar on "Current Industry Trends" on 24th Nov 2021 from 11.00 am to 12.30pm for faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Yours truly,

Prof. P. S. Gham
Event Co-Coordinator

Prof. R. S. Nipanikar
Event Coordinator

Prof. T. M. Dudhane
Head of Department
Dept. of E & TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune - 412206

Prof. Dr. S. B. Patil
Principal

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





Rohini Nipanikar <rsnipanikar@gmail.com>

Invitation for Webinar of "CURRENT INDUSTRY TRENDS"

3 messages

Rohini Nipanikar <rsnipanikar@gmail.com>
To: sachin.mali1978@gmail.com

Tue Nov 23, 2021 at 12:28 PM

Dear Sir,

Our department of **Electronics and Telecommunication** is going to organise a Webinar on "**CURRENT INDUSTRY TRENDS**" on **24th Nov 2021** for faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar. Attached is the invitation letter and brochure.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Regards,
Prof. R. S. Nipanikar
Assistant Professor
Electronics and Telecommunication
Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

Brochure.pdf
150K

Sachin Mali <sachin.mali1978@gmail.com>
To: Rohini Nipanikar <rsnipanikar@gmail.com>

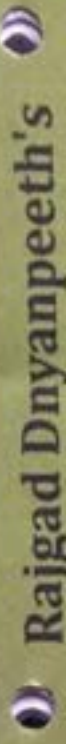
Tue Nov 23, 2021 at 2:00 PM

Hello Ma'am

I am glad for the opportunity given by you for presentation of something new to students. I accept the invitation.

Regards,
Mr. Sachin Mali
Program Delivery Manager
Tata Consultancy Services
United Kingdom





Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
S.No.237, Dhangwadi, Tal-Bhor, Dist-Pune

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
Webinar on "Current Industry Trends"



Speaker:
Mr. Sachin Mali
Programme Delivery
Manager, TCS, UK.

Faculty Coordinators :
Prof. Mrs. R. S. Nipanikar
Prof. Mrs. P. S. Gham

TPO :
Prof. S.D. Pasalkar

Both Students & Faculties can attend the workshop.

Course Content:

1. How to prepare for IT industry?
2. Where students lag at the time of interview?
3. What corporate companies expect from students before and after selection?
4. What you prepare for interview?
5. Selection process of MNC companies.
6. Current IT industry trends.
7. College – industry transitions.

Registration link: <https://forms.gle/ZKVK8rB2xDVYG8Vv8>
Date: 24th Nov 2021
Time: 11 am to 12.30pm
Google meet link: <https://meet.google.com/psc-vanq-kpj>

E-certificate will be available after successful participation & feedback.



Head of Department
Prof. T. M. Dudhane

Principal
Prof. Dr. Sanjay B. Patil

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College Of Engineering, organizes Webinar on "Current Industry Trends"

* Required

1. Email *

2. Full Name *

3. Contact Number *

4. College/Institute/Organisation *

5. Staff/Student *

Mark only one oval.

Staff

Student



6. Branch *

7. Class

Mark only one oval.

SE

TE

BE

This content is neither created nor endorsed by Google.

Google Forms



Roll No.	Email Address	Full Name	Contact Number	College/Institution/Engineer/Institution	Branch	Class
11040001 21.30.51	arshad.arshad7@gmail.com	Arshad Arshad	80794000	SCB COLLEGE	MECH	Care Engineering
11040001 22.01.41	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	CSE	18
11040001 22.02.18	ashishashish77@gmail.com	Ashish Ashish	77044250	SHRI CHHATRAPATI SHIVAJI RA Student	Computer	18
11040001 22.02.36	ashishashish77@gmail.com	Ashish Ashish	80790000	SCB COLLEGE	CSE	18
11040001 22.03.04	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer Engineering	18
11040001 22.03.18	ashishashish77@gmail.com	Ashish Ashish	80790000	SCB COLLEGE	Computer	18
11040001 22.03.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer Engineering	18
11040001 22.04.04	ashishashish77@gmail.com	Ashish Ashish	80790000	SCB COLLEGE	Comp	18
11040001 22.04.04	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer Engg	18
11040001 22.04.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.04.48	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.05.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer Engineering	18
11040001 22.05.36	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer Engineering	18
11040001 22.05.51	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.06.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.06.36	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.06.51	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.07.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
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11040001 22.07.51	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
11040001 22.08.18	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18
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11040001 22.12.51	ashishashish77@gmail.com	Ashish Ashish	800000000	Shri Chhatrapati Shivaji Ra Student	Computer	18





Date: 22-11-2021

NOTICE

All the Student and faculty members of RD's SCSCOE are informed that, Department of Electronics & Telecommunication Engineering is organizing a webinar on "Current Industry Trends" is scheduled on 24 Nov 2021 at 11.00am on Google meet.

Speaker for the session is Mr. Sachin Mali, Programme Delivery Manager having 16+ IT industry experience from Tata Consultancy Services, United Kingdom.

After Successful completion of the program & submission of feedback, participants will get e-certificates.

Registration Link: <https://forms.gle/ZKVK8rB2xDVyG8Vv8>

Meeting Web- <https://meet.google.com/pbc-vanq-kpj>

Prof. P. S. Ghan
Event Co-Coordinator

Prof. R. S. Nipanikar
Event Coordinator

Prof. T. M. Dudhane
HOD

Head of Department
Dept. of E & TC Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Bhor, Dist. Pune - 431 226





RajgadDnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal – Bhor, Dist- Pune (MH)

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGG

Webinar Report on “Current Industry Trends”

Date: 24/11/2021

1. **Program type:** Webinar
2. **Event Name:** Current Industry Trends
3. **Attendees:** Students and Faculties
4. **Name and Designation of Resource Person :** Mr. Sachin Mali, Program Delivery Manager
5. **Company / Institute of Resource Person:** Tata Consultancy Services, United Kingdom.
6. **Event coordinator:** Prof. R. S. Nipanikar, Prof. P. S. Gham,
7. **Date of Execution:** 24/11/2021
8. **Duration of Event:** 2 Hours
9. **Venue of event / Link:** <https://meet.google.com/pbc-vanq-kpj>
10. **Number of Participants:** 138
11. **Fee details:** Free
12. **Objectives:** The main objective of the program is to guide faculties and students about new trends arise in industry every year.
13. **Outcomes:** It is important for professionals to be familiar with these different trends to improve professional standing and can help one to understand what the potential upgrades are for the industry.
14. **Description (program conduction details) / speaker topic explanation:**
Rajgad Dnyanpeeth's Shri Chhatrapati College of Engineering Dhangwadi, Pune has conducted a webinar of “Current Industry Trends” on 24th Nov 2021 for faculties, TE and BE students to give information about recent industry trends. Some examples are as follows-
 - a) **IOT:** The really cool thing about IOT is that it's not only changing the way we do business but also the business models we use to do it. For example, pay-per-use models are becoming increasingly popular across all industries as new customer data becomes available.





- b) **Machine Learning:-** In addition to shaping your day-to-day interactions with friends on social media, machine learning is also changing the way companies do business with customers. Companies like Google are using machine learning on mobile devices which can continue learning even when offline. The result? Machine learning is reshaping the way businesses interact with their customers in a big way by helping them anticipate and meet customer needs more easily.
- c) **Virtual reality :** Virtual reality has been a popular component of video games for several years and this trend is continuing to expand. In addition to video games, VR is likely to affect companies across the board as they adopt the technology to help them engage customers more effectively and optimize their sales and marketing efforts. It's also a potentially useful tool for learning and is increasingly being adopted by educational organizations.
- d) **Touch Commerce:** This is one of the biggest things to hit e Commerce in recent years with purchases of this type expected to increase by 150% this year alone and retailers in almost every industry anticipating an increase in sales directly related to this new technology.
- e) **Cognitive Technology:** Although cognitive technologies have a broad range of applications, one of the industry sectors most affected by this trend initially will be the software sector. Automated analysis of user data and experiences will be particularly useful for software companies hoping to scale.

And many more trends explained by resource person.

15. Conclusion: With emerging technologies changing professional industries including banking, eCommerce, healthcare and education, staying up to date on the latest trends will give you a better understanding of your chosen industry and make you a more competitive candidate. Best of all, this knowledge might open up new doors within your field and others.





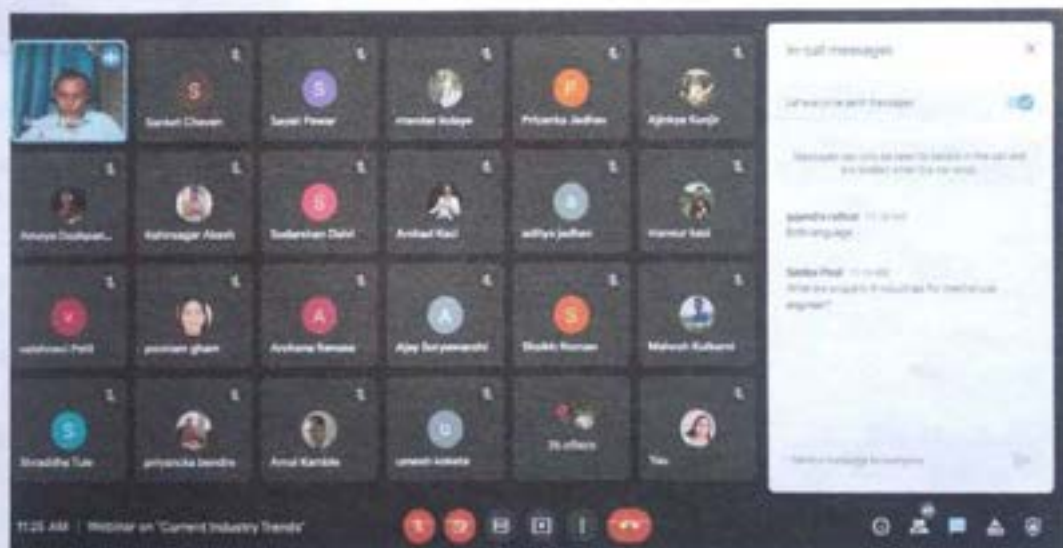
Rajgad Dnyanpeeth's
**SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING**

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (MH)

16. Photos with caption



Mr. Sachin Mali guiding students and faculties



Mr. Sachin Mali answering to student's question

P. S. Gham
Prof. P. S. Gham
Event Co-coordinator

Rahim
Prof. R. S. Nipanikar
Event Coordinator

T. M. Dudhane
Prof. T. M. Dudhane
Head of Department
Dept. of IT & TO Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

S. B. Patil
Prof. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206





Rohini Nipanikar<rsnipanikar@gmail.com>

Invitation for Webinar of "CURRENT INDUSTRY TRENDS"

3 messages

Rohini Nipanikar<rsnipanikar@gmail.com>

Tue Nov 23, 2021 at 12:28 PM

To: sachin.mali1978@gmail.com

Dear Sir,

Our department of **Electronics and Telecommunication** is going to organise a Webinar on "**CURRENT INDUSTRY TRENDS**" on **24th Nov 2021** for faculties and students of the Institute.

Considering your expertise and experience in the same field, it gives us immense pleasure to invite you as a guest speaker for above said webinar. Attached is the invitation letter and brochure.

Kindly, accept the invitation and acknowledge the same.

Thanking You.

Regards,
 Prof. R. S. Nipanikar
 Assistant Professor
 Electronics and Telecommunication
 Shri Chhatrapati Shivajiraje College of Engineering

2 attachments

Invitation Letter.pdf 110K

Brochure.pdf
150K

Sachin Mali <sachin.mali1978@gmail.com>

Tue Nov 23, 2021 at 2:00 PM

To: Rohini Nipanikar<rsnipanikar@gmail.com>

Hello Ma'am

I am glad for the opportunity given by you for presentation of something new to students. I accept the invitation.

Regards,
 Mr. Sachin Mali
 Program Delivery Manager
 Tata Consultancy Services
 United Kingdom.

Rohini Nipanikar<rsnipanikar@gmail.com>

Wed Nov 24, 2021 at 3:42 PM

To: sachin.mali1978@gmail.com

Dear Sir,

On behalf of the Department of E&TC Engineering of RD's Shri Chhatrapati College of Engineering Dhangwadi, Pune, we wanted to express our appreciation to you for the Webinar on "**CURRENT INDUSTRY TRENDS**" on **24th Nov 2021**. It was extremely informative and we appreciate your personally taking time to provide us with the timely information. Definitely all the participants have benefited from your talk and we are very much thankful to you for making it convenient to be here at our place.

Once again, thank you for making the webinar successful, and we appreciate your continued support in future.

Regards,
 Prof. R. S. Nipanikar
 Assistant Professor
 Electronics and Telecommunication
 Shri Chhatrapati Shivajiraje College of Engineering



Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College Of Engineering, organizes Webinar on "Current Industry Trends"

Feedback form for Attendance and Certification Purpose

* Required

1. Email *

2. Full Name *

3. Contact Number *

4. College/Institute/Organisation *

5. Staff/Student *

Mark only one oval.

Staff

Student



6. Branch *

7. SE/TE/BE *

Mark only one oval.

- SE
 TE
 BE
 Others

Feedback Form

1- Satisfactory
2- Good
3- Very Good
4- Better
5- Excellent

8. Course objectives stated clearly *

Mark only one oval.

1 2 3 4 5

Satisfactory Excellent

9. How helpful was the webinar for you? *

Mark only one oval.

1 2 3 4 5

Satisfactory Excellent



10. Overall how would rate the webinar? *

Mark only one oval.

1 2 3 4 5

Satisfactory Excellent

11. This webinar increased my knowledge? *

Mark only one oval.

1 2 3 4 5

Satisfactory Excellent

12. The webinar was well organized? *

Mark only one oval.

1 2 3 4 5

Satisfactory Excellent

13. Any Suggestions

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Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Sr. No. 237, Dhangwadi, Tal. Bhor, Pune, Maharashtra



CERTIFICATE OF PARTICIPATION

This is to certify that,

More Priti Arvind

has successfully attended the Webinar on "Current Industry Trends"
organized by Department of Electronics & Telecommunication Engineering,
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune
on 24th November 2021.

Shamf.

Prof. P. S. Gham
Co-Coordinator

Rohini

Prof. R. S. Nipanikar
Co-ordinator

T. M. Dudhane

Prof. T. M. Dudhane
HOD, E&TC Engg.

S. B. Patil

Prof. Dr. S. B. Patil
Principal





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Shri Chhatrapati Shivajiraje College of Engineering

Sr. No. 237, Dhangwadi, Tal. Bhore, Pune, Maharashtra



CERTIFICATE OF PARTICIPATION

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Umesh Ramesh Kokate

has successfully attended the **Webinar** on "Current Industry Trends"
organized by Department of Electronics & Telecommunication Engineering,
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi, Pune
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Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
 Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune

Date: 14/03/2022

NOTICE

All faculty members of first year engineering department are here by inform that we are going to arrange Quiz Competition on 24/03/2022 on unit-III of each subject. In this concern submit the soft copy of 15 questions with four options and its correct solution to Prof. B.P. Tapare of FE department on or before 21st Mar 2022. Kindly forward soft copy of your question bank on tapare.rajgad11@gmail.com.

Sr. No	Subject	Name of Subject Teacher	Signature
1.	Engineering Mathematics-I	Prof. J. G. Kale	
		Prof. B. P. Tapare	
2.	Engineering Physics	Prof. R. B. Raut	
3.	Engineering Chemistry	Prof. A. K. Kondhalkar	
4.	Basic Electrical Engineering	Prof. T. M. Dudhane	
5.	Engineering Mechanics	Prof. R. C. Divekar	
6.	System in Mechanical Engineering	Prof. D. B. Shelake	

Prof. Tapare B. P.
**Departmental Quiz
 Coordinator**



Prof. Kale J.G.
HOD F.E
Head of Department
 First Year Engineering
 Shri Chh. Shivajiraje College of Engg.
 Dhangawadi, Pune-412206



Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune.

Date: 14 / 03 / 2022

NOTICE

All faculty members of first year engineering department are here by inform that on the occasion of Quiz Competition scheduled on 24/03/2022 at 3.00 P.M in seminar hall, the responsibilities in that event are distributed as follows.

Sr.No	Name	Responsibility	Signature
1.	M. Gaikwad Rohit	Seating Arrangement (Arranging Chairs; Mike; Projector; Black board)	
2.	Prof. Y.G. Jadhav	Anchoring (Announcement of questions)	
3.	Prof. B. P. Tapare	Displaying PPT 's	
3.	Prof. R. B. Raut Prof. A. R. Bobade	Response checker in buzzer round	
4.	Prof. R. B. Raut	Updating division wise Score	
5.	Prof. J.G. Kale	Subject Expert of M-I	
6.	Prof. R. B. Raut	Subject Expert of Physics and Mechanics	
7.	Prof. A.K Kondhalkar	Subject Expert of Chemistry	
8.	Prof. J.J Bandal	Subject Expert of BEE	
10.	Prof. D. B. Shelake	Subject Expert of SME	

Prof. Tapare B. P.
Departmental Quiz
Coordinator



Prof. J. G. Kale
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Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune

Date: 14/03/2022

NOTICE

All students of First Year Engineering hereby inform that, we are arranging "Quiz Competition on 24/03/2022 at seminar hall from 3.00 PM onwards.

Attendance is compulsory to all students.

Prof. Tapare B. P.
**Departmental Quiz
Coordinator**



Prof. Kale J.G.
HOD F.E
Head of Department
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Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune.

Department : First Year Engineering

RULES OF QUIZ COMPETITION 2021-22 (Sem-I)

Round 1	<ul style="list-style-type: none">❖ Buzzer Round – Eight questions in all➤ 8 questions will be fired at all the teams one after another.➤ The teams can discuss among themselves and then press the buzzer/bell to answer the question first. No discussion is allowed after pressing the buzzer.➤ The team that presses the buzzer/bell first gets a chance to answer it.➤ 10 points for the correct answer and minus 5 points for the wrong answer.➤ If a team doesn't answer or gives a wrong answers after they press buzzer they also lose 5 points.➤ If a team presses the buzzer before the question is over they will be asked to answer it without the question being completed.➤ The question has to be answered in 30 seconds.➤ If a question is not answered by the first team who pressed the bell. The team that pressed the bell next gets to answer.➤ There are no choices in this round.➤ If two teams press the buzzer/bell together there will be a pull of cards to decide who gets the chance to answer if. If the first team answers it correctly they get a point. If they give a wrong answer they lose 5 points and the next team that pressed the buzzer gets to answer.
Round 2	<ul style="list-style-type: none">❖ Compulsory Questions – Each team quota of 4 questions.➤ In this round each team has its own quota of 4 questions and other questions passed to it from the previous team that did not answer.➤ A team gets 30 seconds to answer the question intended for it, and is awarded 20 points for answering it.➤ If the team, the question intended for gives a wrong answer, the quiz master will give the correct answer.



	<ul style="list-style-type: none"> ➤ If the team that the question intended for passes it. The next teams get 15 seconds to answer it and is awarded 10 points for the right answer. ➤ The team members can discuss before giving the answer. ➤ If a team cannot answer a question they can pass it or after 30 seconds it gets automatically passed to the next team. ➤ If a team is answering a question and the time passes, then the team gets to complete the answer and is awarded points for the right answer. ➤ There is no negative marking for wrong answer. ➤ No buzzer is used in this round
Round 3	<ul style="list-style-type: none"> ❖ Scholars Round - Each team quota of 4 questions. ➤ In this round each team has selected only scholars students they play the game. ➤ Same rule as raound-2
Round 4	<ul style="list-style-type: none"> ❖ In case of a tie. ➤ In case of a tie after the 4th round, the tied teams get into a buzzer/bell round. ➤ Rules are similar to buzzer round. ➤ If a team answer right they get 25 points. If they answer wrong they get minus 25 points.



Rajgad Dnyanesh's
Shri Chhatrapati Shivaji Raja College of Engineering,
Dhurgadi, Pune

FE SYLLABUS QUIZ

Academic Year: 2021-22 (Sem-I)
DEPARTMENT OF FIRST YEAR ENGINEERING

ROUND 1

BUZZER ROUND



M-I QUESTION NO.1

If $u = \sin^{-1}\left(\frac{y^2+x^2}{1+y^2}\right)$ is homogeneous function of degree.....

- A. 1
- B. $\frac{1}{2}$
- C. 2
- D. 0

M-I QUESTION NO.2

If $u = x^2$, then $\frac{du}{dy}$ is equal to

- A. 0
- B. yx^{2-1}
- C. $x^2 \log x$
- D. None

MI QUESTION NO.3

Two functions $u(x,y)$ and $v(x,y)$ are functionally dependent if their jacobian $\frac{\partial(u,v)}{\partial(x,y)}$ is equal to

- A. 1
- B. 0
- C. xy
- D. uv

M-I QUESTION NO.4

With usual notations, the condition of maximum for function of two variable is

- A. $rt - s^2 < 0$ and $r > 0$
- B. $rt - s^2 = 0$ and $r > 0$
- C. $rt - s^2 > 0$ and $r < 0$
- D. None



EXTRA M-I
QUESTION NO.5

Q5 If $u = x^2 + y^2$ and $v = 2xy$ then the value of $\frac{\partial(uv)}{\partial(x,y)}$ is

- A. $4(x^2 + y^2)$
- B. $-4(x^2 + y^2)$
- C. $4(x^2 - y^2)$
- D. 0

EXTRA M-I
QUESTION NO.6

Q6 The percentage error in the area of a rectangle when an error of 1% is made in measuring its length and breadth is

- A. 1%
- B. 2%
- C. 0
- D. 3%

SME
QUESTION NO.7

Q7 Connecting rods are generally of following form

- A. Forged I section
- B. Forged round section
- C. Cast iron round section
- D. Forged C section

SME
QUESTION NO.8

Q8 When No.1 piston of 4 cylinder inline engine is performing the power stroke then No.4 piston is on the stroke called

- A. exhaust
- B. Suction
- C. compression
- D. power

SME
QUESTION NO.9

Q9 A 4*4 drive vehicle implies that

- A. it has 4*4=16 wheels
- B. it has 4 spare wheels and 4 road wheels
- C. it has 4 wheels out of 4 are drive wheels
- D. none of the above

SME
QUESTION NO.10

Q10 1 H.P. is equal to _____ watts

- A. 810
- B. 545
- C. 634
- D. 746



EXTRA SME
QUESTION NO.11

Q Which type of wheels are preferred in a sport car

- A. disc
- B. wire
- C. magnesium alloy
- D. Al alloy

EXTRA SME
QUESTION NO.12

Q Which suspension type is famous in passenger cars

- A. Leaf spring
- B. Air suspension
- C. Mac pherson
- D. All of above

ROUND 2

Q COMPULSORY
ROUND



Chem
QUESTION NO.13

Q Bomb calorimeter is used to determine _____

- A. GCV at constant pressure
- B. GCV at constant volume
- C. NCV at constant pressure
- D. NCV at constant volume

Chem
QUESTION NO.14

Q Which of the following has property of absorbing water _____

- A. KOH solution
- B. $BaCl_2$
- C. Anhydrous $CaCl_2$
- D. Sulphuric acid



EXTRA Chem
QUESTION NO.15

Q1 CNG is used for _____

- A. Power generation
- B. Electric generators
- C. Solvent
- D. Universal solvent

EXTRA Chem
QUESTION NO.16

Q1 Electrochemical corrosion takes place on _____

- A. Anodic area
- B. Cathodic area
- C. Near anode
- D. Near cathode

Phy
QUESTION NO.17

Q1 The concept of matter wave was suggested by _____

- A. Heisenberg
- B. de Broglie
- C. Schrodinger
- D. Laplace

Phy
QUESTION NO.18

Q1 The square of the magnitude of the wave function is called _____

- A. current density
- B. zero density
- C. volume density
- D. probability density

EXTRA Phy
QUESTION NO.19

Q1 Intrinsic semiconductor at room temperature will have, _____ available for conduction

- A. Electrons
- B. Holes
- C. Both electrons and holes
- D. None of the above

EXTRA Phy
QUESTION NO.20

Q1 That radiation and matter have properties both of particles and of waves is called what?

- A. Mixing
- B. Confusion
- C. Wave-particle duality
- D. Entanglement



BXE
QUESTION NO.21

Q If lower voltage level represents logic 0 and higher voltage level represents logic 1, the system is called _____ logic system.

- A. positive
- B. negative
- C. neutral

BXE
QUESTION NO.22

Q A _____ gate represents a complement function.

- A. NOT
- B. NOR
- C. NAND

EXTRA BXE
QUESTION NO.23

Q A 14 pin NOT gate IC has _____ NOT gates.

- A. 8
- B. 6
- C. 5
- D. 4

EXTRA BXE
QUESTION NO.24

Q The _____ circuits do not contain any memory elements

- A. combinational
- B. sequential
- C. none of these

PPS
QUESTION NO.25

Q Which of the following refers to mathematical function?

- A. Sqrt
- B. Round
- C. Add
- D. None of these

PPS
QUESTION NO.26

Q What will be the output of the following Python code?

1. `>>>str1="helloworld"`
2. `>>>str1[::-1]`

- A. Dfrowolleh
- B. Hello
- C. World
- D. helloworld



Extra PPS
QUESTION NO.27

Q27 Which of the following is the use of function in python?

- A. Functions are reusable pieces of programs
- B. Functions don't provide better modularity for your application
- C. you can't also create your own functions
- D. All of the mentioned

EXTRA PPS
QUESTION NO.28

Q28 What are the two main types of functions?

- A. Custom function
- B. Built-in function & User defined function
- C. User function
- D. System function

ROUND 3

SCHOLARS ROUND



M-I
QUESTION NO.29

Q. If $u = f\left(\frac{y}{x}\right)$ then

- A. $x\frac{\partial u}{\partial x} - \frac{\partial u}{\partial y} = 0$
- B. $x\frac{\partial u}{\partial x} + y\frac{\partial u}{\partial y} = 0$
- C. $x\frac{\partial u}{\partial x} + y\frac{\partial u}{\partial y} = 1$
- D. $y\frac{\partial u}{\partial x} + x\frac{\partial u}{\partial y} = 0$

EXTRA M-I
QUESTION NO.30

Q. If $f(x,y) = 0$ then $\frac{dz}{ds}$ is equal to

- A. $\left(\frac{\partial f}{\partial x}\right)$
- B. $\left(\frac{\partial f}{\partial y}\right)$
- C. $-\left(\frac{\partial f}{\partial x}\right)$
- D. $-\left(\frac{\partial f}{\partial y}\right)$

SME
QUESTION NO.31

Q. Which of these is not a part of transmission system

- A. clutch
- B. axles
- C. wheels
- D. gear box

EXTRA SME
QUESTION NO.32

Q. In a diesel cycle engine combustion occurs at constant

- A. Pressure
- B. Volume
- C. temperature
- D. heat

EM
QUESTION NO.33

Q. Which of the following is correct for the stability of equilibrium configuration?

- A. The application of the conditions of the equilibrium of the body is valid only in the 2D
- B. The application of the conditions of the equilibrium of the body is valid only in the 3D
- C. The application of the conditions of the equilibrium of the body is valid only in the 1D
- D. The application of the conditions of the equilibrium of the body is valid throughout

EXTRA EM
QUESTION NO.34

Q. If a truss consists of 8 joints, 10 members and 4 reaction components then, it is a

- A. cantilever truss
- B. deficient truss
- C. redundant truss
- D. none of the above



PPS
QUESTION NO.35

Q1 What arithmetic operators cannot be used with strings?

- A. +
- B. -
- C. *
- D. All of the mentioned

EXTRA PPS
QUESTION NO.36

Q1 What will be the output of the following Python code?

```
1. def cube(x):  
2.     return x * x * x  
3. x = cube(3)  
4. print x
```

- A. 9
- B. 3
- C. 27
- D. 30

Chem
QUESTION NO.37

Q1 The enzyme which converts glucose, fructose into ethyl alcohol is _____

- A. Invertase
- B. Zymase
- C. Lyppase
- D. Pepsin

EXTRA Chem
QUESTION NO.38

Q1 Chemical formula of rust is _____

- A. Fe_2O_3
- B. FeO
- C. Fe_2O_4
- D. $Fe_2O_3 \cdot xH_2O$

Phy
QUESTION NO.39

Q1 The operator ∇ is called _____ operator

- A. vector
- B. Hamiltonian
- C. Laplacian
- D. Poisson

EXTRA Phy
QUESTION NO.40

Q1 The function representing matter waves must be _____

- A. complex
- B. real
- C. Zero
- D. infinity



BXE
QUESTION NO.41

Q1 When all the inputs of a NAND gate are zero, the output of it is ____

- A. High
- B. Low
- C. None

EXTRA BXE
QUESTION NO.42

Q1 A NOT gate has _____

- A. two inputs and one output
- B. one input and one output
- C. one input and two output
- D. none of above

PPS
QUESTION NO.43

Q1 Where is function defined?

- A. Module
- B. Class
- C. Another function
- D. All of the mentioned

EXTRA PPS
QUESTION NO.44

Q1 What will be the output of the following Python code?

1. >>> str1 = 'hello'
2. >>> str2 = ''
3. >>> str3 = 'world'
4. >>> str1[-1:]

- A. 0
- B. Hello
- C. H
- D. e

EXTRA M-I
QUESTION NO.45

Q1 If $u = xz^{-1} \left(\frac{y^2 + z^2}{xyz} \right)$ is homogeneous function of degree

- A. 1
- B. $\frac{1}{2}$
- C. 2
- D. 0

EXTRA M-I
QUESTION NO.46

Q1 If $\phi(x, y, z) = 0$ then $\left(\frac{\partial \phi}{\partial x} \right)_y, \left(\frac{\partial \phi}{\partial y} \right)_x, \left(\frac{\partial \phi}{\partial z} \right)_x$ is equal to

- A. 0
- B. 1
- C. -1
- D. 2



EXTRA M-I
QUESTION NO.47

Q. With usual notations, the saddle Point present in function of two variable is

- A. $rt - s^2 = 0$
- B. $rt - s^2 > 0$
- C. $rt - s^2 < 0$
- D. None

EXTRA SME
QUESTION NO.48

Q. What was the initial price tag of TATA Nano

- A. Rs. 500000
- B. Rs. 300000
- C. Rs. 150000
- D. Rs. 100000

EXTRA SME
QUESTION NO.49

Q. Actual power delivered by the engine is known as

- A. Shaft power
- B. Indicated power
- C. Brake horse power
- D. None of the above

EXTRA SME
QUESTION NO.50

Q. Engine pistons are generally made of Al alloy because _____

- A. It is lighter
- B. It is stronger
- C. It has less wear
- D. It absorbs shock

END





Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Quiz Competition Answer Sheet
Department : First Year Engineering
Academic Year: 2021-22

Que. No	Subject	Answer
Round-I		
1	M-I	D
2	M-I	C
3	M-I	B
4	M-I	C
5	Extra M-I	A
6	Extra M-I	B
7	SME	A
8	SME	B
9	SME	C
10	SME	D
11	Extra SME	C
12	Extra SME	C
Round-II		
13	Chem	B
14	Chem	C
15	Extra Chem	A
16	Extra Chem	D
17	Phy	B
18	Phy	D
19	Extra Phy	C
20	Extra Phy	C
21	BXE	A
22	BXE	A
23	Extra BXE	B
24	Extra BXE	A
25	PPS	A

Que. No	Subject	Answer
26	PPS	c
27	Extra PPS	A
28	Extra PPS	B
Round-III		
29	M-I	B
30	Extra M-I	D
31	SME	C
32	Extra SME	A
33	EM	D
34	Extra EM	B
35	PPS	C
36	Extra PPS	C
37	Chem	B
38	Extra Chem	D
39	Phy	C
40	Extra Phy	A
41	BXE	A
42	Extra BXE	B
43	PPS	D
44	Extra PPS	D
45	Extra M-I	D
46	Extra M-I	C
47	Extra M-I	C
48	Extra SME	D
49	Extra SME	C
50	Extra SME	A
End		





Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Date: 24/03/2022

Department : First Year Engineering ATTENDANCE DURING QUIZ COMPITITION (Div-A & B)

Sr. No.	Roll No.	Name of Student	Sign
1	FE21003	Andhalikar Akshada Yashwant	AY
2	FE21042	Gole Pradya Laxman	Pradya
3	FE21030	Dhumal Shivajali Santosh	Shivajali
4	FE21076	Mankar Priyanka Bharat	Mankar P.B.
5	FE21043	Gole Shiruti Sunil	Shiruti
6	FE21064	Khoslat Maheshwari.T	Maheshwari
7	FE21099	Salunkhe Prachi Balasaheb	Prachi
8	FE21090	Pawar Prajakta Vilas	Prajakta
9	FE21084	Mujumale Shrivani Chintamani	Mujumale
10	FE21089	Patil Preeti Mahavere	P.M.Patil
11	FE21091	Aspita Sunil Phadtare	A.Phadtare
12	FE21019	Borkar Sameer Bhahudra	Sameer
13	FE21027	Dhaigude Aditya Ganpat	Aditya
14	FE21075	Mangutkar Abhudek Sambhaji	Abhudek
15	FE21114	Veer Sahil Nilesh	Sahil
16	FE21026	Deshmukh Adesh Hemant	Adesh
17	FE21106	Shingade Aniket Dagadu	Aniket
18	FE21047	Hoval Vijay Vikas	Vijay
19	FE21105	Shinde Omkar Suresh	Omkar
20	FE21002	Ambike Atul Vilas	Ambike
21	FE21119	Shreyas C. Yadav	Shreyas
22	FE21120	Shivam R. Yewale	Yewale
23	FE21071	Kedar D. Kumbhar	Kedar
24	FE21101	Sawant Omkar Prasad	Omkar
25	FE21111	Thir Jayaram Dattatray	Jayaram
26	FE21053	Jedhe Deepa Salish	Deepa
27	FE21060	Kheladkar Deepak Sampal	Deepak
28	FE21032	Dudhane Deewang Dattatray	Dudhane
29	FE21036	Gaitwad Sakshi Bhimaji	Sakshi
30	FE21077	Margaje Rutuja Rajendra	Rutuja
31	FE21092	Pat Rutuja Rajaram	Rutuja
32			
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Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Date: 24/03/2022

Department : First Year Engineering ATTENDANCE DURING QUIZ COMPITITION (Div-A & B)

Sr. No.	Roll No.	Name of Student	Sign
1	FE21049	Jagdale Aniket c.	Ajagdale.
2	FE21091	Galekar Amkar D.	Galekar
3	FE21088	Parthe Durgesh .B.	Parthe
4	FE21066	Kolapkar Mangesh Kakesh	Kolapkar
5	FE21016	Birdawade Rohit G.	Birdawade
6	FE21005	Bansode Niranjan .S.	Bansode
7	FE21052	Jangid Rohan Bibari	Jangid
8	FE21081	Mohite Hrishikesh Sitnidwas	Mohite
9	FE21013	Bhoite Santet Sanjay	Bhoite
10	FE21055	Karape Milind Nitin	Karape
11	FE21061	Khamkar Vivek Suresh	V.Khamkar
12	FE21118	Waghmare Sahil Kishor	Waghmare
13	FE21054	Kadam Sushant prataprao	Kadam
14	FE21076	mahajan Kaushal Shankar	Mahajan
15	FE21046	Hazal Apurva Sandip	Hazal
16	FE21058	Kashid Vaishnavi Vilas	Kashid
17	FE21093	Popale Vaishnavi Pradurang	Popale
18	FE21112	UppaEbaude Sneha Rajendra	Sneha
19	FE21056	Karape Nikita Nitin	Karape
20	FE21034	Gaikwad Neha Ajay	Achale
21	FE21025	Dere Ekata Santosh	Dere
22	FE21094	Baval Shraddha Baukim	Baval
23	FE21121	Zamie Aditi Shivaji	Zamie
24	FE21098	Jalunke Anuja Dhanaji	Jalunke
25	FE21082	More Ankita sudam	More
26	FE21035	Gaikwad Rachana Amol	Gaikwad
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Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

	Que. No	Subject	Marksheet for quiz competition	
			A	B
Buzzer Round	1	M-I	+5	-5
	2	M-I	+10	0
	3	M-I	-5	+5
	4	M-I	0	+10
	5	SME	+5	-5
	6	SME	0	+10
	7	SME	+5	-5
	8	SME	+5	-5
Compulsory Questions	9	Chem	0	0
	10	Chem	0	10
	11	Phy	10	0
	12	Phy	10	0
	13	BXE	0	10
	14	BXE	10	0
	15	EM	0	0
	16	PPS	0	0
Scholars Round	21	M-I	10	0
	22	SME	10	0
	23	EM	0	10
	24	PPS	0	0
	25	Chem	10	0
	26	Phy	0	10
	27	BXE	0	10
	28	PPS	0	10
	29	Other		
	30	Other		
Total Score			85	65

A B
25 05

A B
30 20

A B
30 40





Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engineering
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhor, Dist- Pune (Maharashtra)

Quiz Competition
Department : First Year Engineering
Academic Year: 2021-22, (Sem-I)

Sr. No.	Result of Event	Div	Remark / Sign
1	Winner	Div - A	
2	Runner Up	Div - B	

Prof. B. P. Tapare
Event Co-ordinator



Prof. J. G. Kale
HOD (FE)
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg
Dhangawadi, Pune-412206





Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engineering

Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal- Bhore, Dist- Pune.

Department : First Year Engineering

REPORT OF QUIZ COMPETITION 2021-22 (Sem-I)

Date: - 24/03/2022

1. **Department:** First Year Engineering
2. **Day & Date:** Thursday, 24th March 2022
3. **Event Coordinator:** Prof. J. G. Kale
4. **Departmental Event Coordinator:** Prof. B. P. Tapare
5. **Designation:** Asst. Professor
6. **Subject:** All Subjects.
7. **Class:** First Year (Div A, B).
8. **Purpose:** Encourages team work

Objective:

The Main objective of the Quiz competition was to improve knowledge base of student and to know our guesswork and ability to crack questions through hints improves. With practicing quizzes, students can do critical thinking, and get into a habit of innovative learning. This will help students to perform and enables students to think from different angles or simply 'to think out of the box.

Description:

The "Quiz Competition-2021-22 (SEM-I)" was opened by Head of Department Prof. J. G. Kale in presence of faculty members and students. Total 3 rounds were conducted in Quiz Competition. 3 Rounds were held which included technical questions related to their subjects. There were four members in the jury committee. The final evaluation process was completed by jury members. Prof. R. B. Raut announced the winner of competition which is Div-A (FE).

Conclusion:

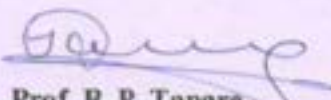
This competition has provided a platform to the budding engineers to showcase their knowledge and smart ideas to compete in Quiz competition. Improvement in student's confidence to face questions is seen during the quiz.



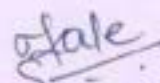
The following photographs show the sweet memories of this event.

Event Photos:




Prof. B. P. Tapare
Coordinator




Prof. J. G. Kale
HOD (F.E.)
Head of Department
First Year Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206

2.6 Student Participation in Conference



Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation

Key Indicator – 2.3.1 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing leaning experiences

Student Participation in Conference A.Y 2021-22


Dept	Name of student	Name of Event	Date of Event	Level State/ National/ International
Civil	Ms. Vaishnavi More	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Prajakta Sonawane	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Prajakta Shedage	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Shubham Pawar	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Akshay Ingavale	3rd National Conference on "Recent	11/06/2022	National



		Trends in Engineering and Technology"		
Civil	Mr. Digvijay Sable	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Sudarshan Patil	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Abhijit Kurjar	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Chavare Rushikesh Baban	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Phule Saurabh Balasaheb	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Zagade Rohit Tukaram	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Shinde Sandeep Krishna	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Bobade Shubham Mohan	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Korade Omkar Tanaji	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National



Civil	Mr. Bhilare Akshay Shankar	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Eratkar Satyam Arun	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Bhagyashri Malusare	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Vijaya Kurale	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Yogita Kokare	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Ms. Meenal Gujar	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Abhishek Kunjir	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Swapnil Pardeshi	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National
Civil	Mr. Vishal Valkunde	3rd National Conference on "Recent Trends in Engineering and Technology"	11/06/2022	National


Prof. Dr. S. B. Patil

Principal
 Rajgad Dnyaneshwar
 Shri Chhatrapati Shivaji Maharaj College of Engg.,
 Dhangwad, Pune-412206





Rayat Shikshan Sanstha's

**KARMAVEER BHAURAO PATIL
COLLEGE OF ENGINEERING, SATARA**

Accredited by NAAC with "B + +" Grade



Estd : 1983

CERTIFICATE OF ATTENDANCE AND APPRECIATION

This certificate is hereby awarded to,

Mr. Chavare Rushikesh Baban [Analysis of Wind Loads on High Rise Structure]

in appreciation for your Research Contribution and Participation

at 3rd National Conference on

"Recent Trends in Engineering and Technology"

held at Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil College of Engineering, Satara
Maharashtra, India on 11th June 2022

Dr. Anand Tapase
Organizing Chair

Dr. A.C. Attar
Principal

NCRTE-22



Rayat Shikshan Sanstha's

KARMAVEER BHAURAO PATIL COLLEGE OF ENGINEERING, SATARA

Accredited by NAAC with "B++" Grade



Estd : 1983

CERTIFICATE OF ATTENDANCE AND APPRECIATION

This certificate is hereby awarded to,

Name & Title of Research Paper *Mr. Bobade Shubham Mohan [Utilization of Plastic
Waste and Construction Waste in Manufacturing Bricks]*

in appreciation for your Research Contribution and Participation

at 3rd National Conference on

"Recent Trends in Engineering and Technology"

held at Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil College of Engineering, Satara
Maharashtra, India on 11th June 2022

Dr. Anand Tapase
Organizing Chair

Dr. A.C. Attar
Principal

No. 107 C

3.1 Industry Sponsored Projects



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

Gat No. 237, Pune Bangalore Highway, Dhangrwardi, Tal - Bhor, Dist- Pune (Maharashtra)

Criterion 2 – Teaching Learning & Evaluation

Key Indicator – 2.3.1 Teaching and Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

INDUSTRY SPONSORED PROJECT DETAILS A.Y 2021-22


Sr.No.	Name Of Department	Title of the Project	Student List	Name of the Sponsoring Firm
1	CIVIL	Dairy Waste Management in Anant Dudd Dairy	Mr. Sushant Sanjay Patil Mr. Karan Rajendra Valkunde Mr. Pruthvivanj Shivaji Khambe Mr. Aniket Anandrao Phalke	Anant Dudd Pvt. Ltd., Kikavi, Taluka-Bhor, Dist -Pune
2	CIVIL	Study of Reutilization of Plastic and Ceramic Waste Paver Block	Mr. Nikhil A. Khopade Mr. Pritesh N. Thopate Mr. Rushikesh K. Bhosale Mr. Ritesh V. Kumbharkar	Pranav Construction, At post-Shirwal, taluk-Khandala, Dist-Satara
3	CIVIL	Casting of Bricks Using Plastic Waste and Construction Waste Material	Mr. Shubham M. Bobade Mr. Omkar T. Korade Mr. Akshay S. Bhilare Mr. Satyam A. Eratkar	Shri. Radhakrishan Cement pipes & Products, Kolki, Taluka-Phaitan, Dist-Satara



4	CIVIL	Pre-Tendering Project Planning Design & Budget Estimation of Road Project Connecting Nigade Villages	Mr. Pravin Prakash Pawar Mr. Rishi Ramakant Kulkarni Mr. Ajay Nivrati Gujarwad Miss. Rutuja Nandkumar Barge	S. A. Sheth Engineers & Government Contractors, Thane, Mumbai
5	COMPUTER	Detectdr - Classification Of Diabetic Retinopathy Using Fractal Analysis And Random Forest	Yadav Poonam R. Mahasare Kajal S. Yadav Revati V. Pawar Sneha S.	Microversion Technologies, Goldmine Training Society, Wai.
6	COMPUTER	Automatic Image Tagging using Machine Learning	Hingmire Namita P. Bhargude Namrata R. Mane Pratiksha D. Hagawane Samruddhi S	Mythos Technology, Narhe, Pune.
7	COMPUTER	Precision Agriculture for Indian Context using Learning Techniques	Khopade Pratiksha S. Pujari Gauri S. Khopade Pratiksha D. Bardade Shubhada C	Mythos Technology, Narhe, Pune.
8	COMPUTER	Text Mining from The Web for Medical Intelligence	Ubhe Rutvik b. Rathod Bhimrao D. Chikane Payal B.	L&D Infotech Pvt. Ltd., DSK Vidrwa, Pune.
9	COMPUTER	Online Assessment and protecting system for candidate recruitment at work places.	Dhamal Ankita V. Parkhande Priyanka R. Dighe Vinayak S. Gaikwad Rushikesh R.	Gsoft Solution Pvt. Ltd., Warje, Pune.
10	COMPUTER	Automatic Face Mask Detection System Using Deep Learning	Dhumal Rohan S. Papal Mahesh S. Waghmode Tushar M. Shendkar Ketan D.	Mythos Technology, Narhe, Pune.
11	MECHANICAL	Design & Development of Mild Steel Wall Climbing Robot	Bondade Ajay Rajendra Damakle Avdhit Anil Shinde Shivraj Haribhau Yadav Omkar R.	Kstar Industries, Khandala, Satara
12	MECHANICAL	Design & Development of 3 Axis Pneumatic Tipper	Jagtap Swetal Pradip Bhosale Yogesh Mohan Dalvi Sudarshan M. Gaikwad Pranali Yadu	Trisol Engineering, Pune
13	MECHANICAL	Design & Development of Multiple Hammering Machine	Chavan Aniket C. Taru Vaibhav Anil Raut Vijay Balu Chaudhari Rupesh T.	Shree Dhanajay Electricals, Kodoli, Satara



14	ELECTRONICS AND TELECOMMUNICATION ENGG.	Face Mask & body Temperature Detection using Arduino Uno	Bankar Hrushikesh Ramesh Chavan Ashwarya R. Chavan Ankita Prakash	Swara Enterprises Ratnagiri
15	ELECTRONICS AND TELECOMMUNICATION ENGG.	Cow Health Monitoring System using IoT	Kazi Arshad Nazir Mandhare Prajakta Prakash Shaikh Tabasum Feroj	Tej Electronics Ichalkaranji
16	ELECTRONICS AND TELECOMMUNICATION ENGG.	Intelligent Exam Paper Leakage Detection	Bhosale Rajshri Sunil More Varsharani R Pilane Akshada Balu	Swara Enterprises Ratnagiri
17	ELECTRONICS AND TELECOMMUNICATION ENGG.	IoT Based EV's Battery Swapping & Charging system using Solar	Gaikwad Pooja Kanade Payal Kazi Mansur	Tej Electronics Ichalkaranji


Prof. Dr. S. B. Patil

Principal
Rajesh Dnyaneshwar
Shri Chhatrapati Shivaji College of Engg.,
Ulhasnagar, Pune-412205



Date: 22-01-2022

SPONSORSHIP LETTER

I S A SHETH a Civil Engineering Construction Company established in the year 1997.
The Firm has executed many numbers of Projects with Government Organization PWD, CIDCO, MIDC, MMRDA, RCF, and Private works etc. all over Maharashtra.

I write to confirm that

1. Mr. Pravin Prakash Pawar
2. Mr. Rohit Ramakantrao Kulkarni
3. Mr. Ajay Nivruti Gujalwad
4. Miss. Rutuja Nandkumar Barge are in receipt of official sponsorship from us on below Terms & Conditions.

Academic Project Work: - Detailed Project Report of Roadwork 2.5km length

1. Providing required Surveying Equipment's with LXQ-CAD Software
2. Financial Sponsorship of Rs 5000/-
3. Kindly submit official letter of Institute

With Best Regards,

S. A. SHETH, THANE





ISO 9001:2008



Date : 25.05.2022

To,
Rajgad Dnyanpeeth
Shri Chhatrapati Shivajiraje College of Engineering, Dhangawadi , Bhor
Pune 412206

Subject: About giving Project Sponsorship To

Below Mention Students

Name of Students :

1.Taru Vaibhav Anil 2.Raut Vijay Balu

3.Chaudhari Rupesh Tanaji 4.Chavan Aniket Chanandrakant

Sponsor Name :

I Agree to give Sponsorship for above students of Pune University at Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi, Bhor. These Student Working on Project Titled 'Design & manufacturing of Cam Operated Multiple Hammering Machine'. This Sponsorship includes tution & hands on work two days a week as per Request

For Shree Dhananjay Electricals
Authorised Signatory



PROJECT SPONSORSHIP LETTER



44, Subhan & Prasad, 2/18, 2nd

K-STAR PLASTIC INDUSTRIES

Manufacturer of Plastic Injection Moulding Products

Gat No. 124/1, A/P. Mirje, Mirje - Jawale Road, Near Shirwal M.I.D.C., Tal. Khandala, Dist. Satara-412 801 (Maharashtra)

M kstarplastics@gmail.com ☎ 9423061675 ☎ 9922067778 (GSTIN : 27AHQPK8928A1Z2)

Ref. No. :

Date : 05/11/2021

To,
Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering
Dhangawadi, Tal. Bhor, Dist. - Pune.
Pin- 412206

Subject : About giving project Sponsorship

To Whom It May Concern,

Name of Students:

1. Yadav Omkar Ramchandra
2. Bondade Ajay Rajendra
3. Shinde Shivraj Haribhau
4. Damakle Avdhut Anil

Sponsor Name : K-Star Plastic Industries.

I Agree to give Sponsorship for the above named students at University of Pune, Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi. This Students Working on Project Titled "Mild Steel Wall Climbing Robot".

This Sponsorship includes tuition & hands on work two days a Week as per Request.

Sincerely,



Abhishek Kadam

(Managing Director)



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

Project Based Learning (PBL) A.Y. 2021-22

Class- SE E&TC

List of Students and Project name

Group no	Sr.No	Roll No	Name of Student	Project Name
Group 1	1	SET21D055	Chauhan Pardeshi Atharva Manojising	Finger Print bank Locker System
	2	SET21D066	Shikalgar Arbaj Niyaj	
	3	SET21D070	Chavan Aditya Dipak	
	4	SET21D074	Dhebe Pranita Sunil	
	5	SET21D057	Devkar Aishwarya Chaitanyanath	
	6	SET21D014	zanzane Prafulla Dharmaraj	
Group 2	1	SET20F001	Bahurupi Touhit Sardar	Thermo Electric generation Using Peltier Module
	2	SET20F004	Gadhawe Prathamesh Prashant	
	3	SET20F005	Ghadge Sourabh Dilip	
	4	SET21D026	Swami Sangmeshwar Virbhadra	
	5	SET21D064	Ghavare Sushant Sunil	
	6	SET21D025	Navghane Akash Dhanaji	
Group 3	1	SET20F002	Bandal Alisha Jayendra	Social protection for Old age and Womens
	2	SET20F006	Jagtap Apurva Sudhakar	
	3	SET21D018	Lohar Jayant Suryakant	
	4	SET21D051	Apeksha Dilip Gaikwad	
	5	SET21D052	Girigosavi Priyanka Shivraj	
	6	SET21D048	Khomane Shubhangi Babu	
Group 4	1	SET21D075	Jadhav Vaibhavi Santosh	Water level Controller
	2	SET21D076	Pawar Swapnita Rajabhau	
	3	SET21D039	Jujare Kiran Prakash	
	4	SET21D040	Patel Sayyadadnan Sarfaraj	
	5	SET21D081	Khopade Pournima Sharad	
	6	SET21D078	Khopade Chaitrali Balkrushana	
Group 5	1	SET21D079	Naikar Dnyaneshwari Tanaji	Android app for College Mess
	2	SET21D082	Renuse Pranali	
	3	SET21D071	Nevase Aaditi Mugutrav	
	4	SET21D035	Dalvi Swati Shivaji	
	5	SET21D041	Mahamuni Pooja Santosh	
	6	SET21D046	Jagtap Manasi Arjun	
Group 6	1	SET21D059	Konde Satwika Sanjay	Pulse Sensor
	2	SET21D060	Rajpure Rutuja Chandrakant	
	3	SET21D061	Liman Harshada Pandurang	
	4	SET21D056	Joshi Bindukumari Krishnaraj	



	5	SET21D032	Shirke Kranti Baburao	
	6	SET21D031	Patil Shraddha Dilip	
Group 7	1	SET20F012	Tupe Sakshi Laxman	Smart Home Automation Using Wi-Fi
	2	SET21D045	Reddi Smita Laxhan	
	3	SET21D038	Shirodkar Rachana Vishnu	
	4	SET20F009	Phadtare Shweta Anil	
	5	SET21D021	Jadhav Kartik Arun	
	6	SET21D036	Waghmare Kanchan Balaji	
	7	SET21D054	Gayakwad Priya Popat	
Group 8	1	SET20F008	Pandekar Prajakta Navnath	UV sterilizer
	2	SET20F010	Raut Anuradha Jitendra	
	3	SET21D044	Bhatre Samruddhi Santosh	
	4	SET21D047	Baikar Shrutika Ashok	
	5	SET21D043	Utekar Vaishnavi Ramdas	
	6	SET20F007	Khopade Bhagyashree Shivaji	
	7	SET21D068	Shinde Siddhi Rajendra	
Group 9	1	SET21D058	Patil Rohit Rajaram	Automatic Street Light Controller
	2	SET21D042	Jadhav Rohit Sanjay	
	3	SET21D072	Palke Rupesh Shrikisan	
	4	SET21D050	Koli Rutukesh Rajaram	
	5	SET21D053	Shinde Vishal Fulchand	
	6	SET21D015	Nigade Shweta Uttam	
Group 10	1	SET21D073	Mule Atharva Sunil	Snake Vibrator
	2	SET21D049	Kagade Amit Santosh	
	3	SET21D037	Sawant Ajay Rajaram	
	4	SET21D062	Mulla Moin Tajuddin	
	5	SET21D020	Chavan Pushpashil Prashant	
	6	SET20F011	Salunkhe Omkar Rajaram	
Group 11	1	SET21D013	Chikane Ujiwala Krushna	Students Attendance System
	2	SET21D019	Waghmare Ajay Sanjay	
	3	SET21D023	Galande Shivaji Pandurang	
	4	SET21D028	Pawar Dhananjay Dilip	
	5	SET21D029	Dhore Pratik Chandrashekhar	
	6	SET21D063	Chavan Sagar Umesh	
Group 12	1	SET21D033	Salunkhe Reshma Vilas	Fire Alarm System
	2	SET21D065	Bhandare Pankaj Sanjay	
	3	SET21D069	Algude Pankaj Arjun	
	4	SET21D077	Sutar Pradnya Vasant	
	5	SET21D080	Gadhawe Ankita Sambhaji	
	6	SET21D083	Khot Pratiksha	

[Signature]
Coordinator



[Signature]

HOD
HOD

E & TC Engineering Dept.
Shri Chhatrapati Shivaji Raja
College Of Engineering, Sangawad,
Tal-Bhor, Dist-Pune. Pin-412206

Date: 20/07/2021

To,

The Principal,

Rajgad Dnyanpeeth's

Shri chhatrapati shivajiraje college of engineering

Pune

Subject:- Internship/Sponsorship Letter

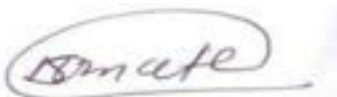
Respected Sir/Madam,

We would like to hereby confirm you, that **Ubhe Rutvik Baban, Rathod Bhimrao Devidas Chikane Payal Bharat** are students of Fourth Year Degree in Computer Engineering from your college who have been selected for carrying out the Final Year Project "**Text mining from the web for medical intelligence**". They will work with our organization from 01/08/ 2021 to 15/02/2022.

The working schedule of their project will be 2 days a week from 11.00 am to 6.00 pm. The details and scope of this project will be provided to them from the beginning of their tenure at the company facility. Upon successful completion of the project, they will be issued a certificate. We will be required to submit a copy of the detailed report before completion of the project.

Congratulations and welcome to the team!

Thanks & Warm Regards,



Somnath Lomate
(Director)

L & D Infotech Private Limited





Soft Solution Pvt. Ltd

SIMPLE SOLUTION FOR COMPLEX CONNECTIONS

www.gsoftsolution.org

Sunday, October 24, 2021

CERTIFICATE OF SPONSORSHIP

To Whom It May Concern

This is to certify that following students of **RDTC's SCSCOE ,PUNE** are developing an **Online Assessment And Proctoring System For Candidates Recruitment At Workplaces** their Final Year Project. This respective Project of theirs is being **Sponsored by Gsoft Solution Pvt.Ltd .**

- | | |
|-------------------------------|---------------|
| 1. Ankita Vijay Dhamal | +917057085979 |
| 2. Priyanka Rohidas Parkhande | +919405374992 |
| 3. Vinayak Shankar Dighe | +919284427636 |
| 4. Rushikesh Ramdas Gaikwad | +917028502975 |

This certification is being issued upon his/her /their request for whatever purpose it may serve.



GSoft Solution Pvt.Ltd

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Ref: SE/SPN/113/2022

Date: 20/05/2022

SPONSORSHIP LETTER

To,

The Principal

Rajgad Dnyanpeeth's Chhatrapati Shivajiraje College of Engineering,
Dhangwadi,Bhor Pune

PIN Code -412206

Subject: Offering Sponsorship to the project work

Respected Sir,

This correspondence is issued as per requirement of following of your college,

1. Bankar Hrishikesh Ramesh
2. Chavan Aishwarya R.
3. Chavan Ankita Prakash

Above students interested to work with us regarding a project assigned to our company, thus we are sponsoring their project- **Face Mask &body Temperature Detection using Arduino Uno**

We are providing financial support to complete this project, as well as technical data & Expert guidance required for this project work. This project is useful for the for the industry owners to monitor body temperature of their workers and to check the face mask. We are looking forward for completion of the project.


DIRECTOR

Mrs.Sandhya S.Nalage

Swara Enterprises

Prop. Mrs. Sandhya S. Nalage
Shop No. 02, Amrutvel Complex,
Ratnagiri - 415 612
T: 9922948572 / 9511760259



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Email: swaraenterprisesrtn@gmail.com

Ref: SE/SPN/113/2022

Date: 20/05/2022

SPONSORSHIP LETTER

To,

The Principal

Rajgad Dnyanpeeth's Chhatrapati Shivajiraje College of Engineering,

Dhangwadi, Borh Pune

PIN Code -412206

Subject: Offering Sponsorship to the project work

Respected Sir,

This correspondence is issued as per requirement of following of your college,

- i. Bhosale Rajshri Sunil
- ii. More Varsharani R.
- iii. Pilane Akshada Balu

Above students interested to work with us regarding a project assigned to our company, thus we are sponsoring their project- **Intelligent Exam Paper Leakage Detection**

We are providing financial support to complete this project, as well as technical data & Expert guidance required for this project work. This project is useful for the Educational Institutes. We are looking forward for completion of the project.

DIRECTOR

Mrs. Sandhya S. Nalage

Swara Enterprises

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Email:swaraenterprisesrtn@gmail.com

Ref: SE/SPN/112/2022

Date: 20/05/2022

SPONSORSHIP LETTER

To,

The Principal

Rajgad Dnyanpeeth's Chhatrapati Shivajiraje College of Engineering,
Dhangwadi,Bhor Pune

PIN Code -412206

Subject: Offering Sponsorship to the project work

Respected Sir,

This correspondence is issued as per requirement of following of your college,

1. Kazi Arshad Nazir
2. Mandhare Prajakta Prakash
3. Shaikh Tabasum Firoj

Above students interested to work with us regarding a project assigned to our company, thus we are sponsoring their project-Cow Health Monitoring System using IoT.

We are providing financial support to complete this project, as well as technical data & Expert guidance required for this project work. This project is useful for the farmers to take care of their animal as well as to monitor their health from distance. We are looking forward for completion of the project.

DIRECTOR

Mrs.Sandhya S.Nalage

Swara Enterprises

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Ref: SE/SPN/115/2022

Date: 20/05/2022

SPONSORSHIP LETTER

To,

The Principal

Rajgad Dnyanpeeth's Chhatrapati Shivajiraje College of Engineering,

Dhangwadi,Bhor Pune

PIN Code -412206

Subject: Offering Sponsorship to the project work

Respected Sir,

This correspondence is issued as per requirement of following of your college,

- i. Gaikwad Pooja
- ii. Kanade Payal
- iii. Kazi Mansur

Above students interested to work with us regarding a project assigned to our company, thus we are sponsoring their project- IoT Based EV's Battery Swapping & Charging system using Solar

We are providing financial support to complete this project, as well as technical data & Expert guidance required for this project work. This project is useful EV owners as well as manufacturer. We are looking forward for completion of the project.


DIRECTOR

Mrs.Sandhya S.Nalage

Swara Enterprises

Prop. Mrs. Sandhya S. Nalage
Shop No. 02, Amrutvel Complex,
Ratnagiri - 415 612
t. 9922948572 / 9511760259

3.2 Model Making by Students



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.rajjgad.edu.in, Email Id: scscoe@gmail.com

A report for Model Making of Pamban Bridge

Model Name: Pamban Model

Name of students:

1. Bharekar Manavi Uttam
2. Chawan Umesh Shankar
3. More Apurva Srikant
4. Lambe Durgesh Vishnu

Model Description:

Pamban Bridge is a railway bridge that connects the town of Mandapam in mainland India with Rameswaram on Pamban Island. Opened on 24 February 1914, it was India's first sea bridge, and was the longest sea bridge in India until the opening of the Bandra-Worli Sea Link in 2010. The rail bridge is, for the most part, a conventional bridge resting on concrete piers but has a double-leaf bascule section midway, which can be raised to let ships and barges pass through. Until 1988, the Pamban bridge was the only surface transport that connected Tamil Nadu's island of Rameswaram to the mainland. In December 2018, the bascule of this bridge was damaged, which suspended transportation on the bridge for 3 months. Rail movement was again restored on 27 February 2019.

Design

The railway bridge is located 12.5 metres (41 ft) above sea level and is 6,776 ft (2,065 m) long. The bridge consists of 143 piers and has a double-leaf bascule section with a Scherzer rolling type lift span that can be raised to let ships pass. Each half of the lifting span weighs 415 tonnes (457 tons). The two leaves of the bridge are opened manually using levers.

Planning and construction

Plans for a bridge to connect to mainland was suggested in 1870 as the British Administration sought ways to increase trade with Ceylon. The construction began in August 1911 and was opened on 24 February 1914. The adjacent road bridge was opened in 1988. As of 5 December 2018, the bridge was closed due to a crack in the bridge and the maintenance work is going on. The Indian Railway Minister Piyush Goyal announced that a new railway bridge will be constructed near the old Pamban Bridge at a cost of ₹250 crores. This new dual track bridge is planned to be constructed in automotive mode, allowing two ships to pass this bridge at the same time.





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: scscoe@gmail.com

Maintenance

The bridge was damaged during the 1964 Rameswaram cyclone and required repair work. Strengthening work was carried out on the bridge under the supervision of E. Sreedharan in 2009 to enable it to carry goods trains. On 13 January 2013, the bridge required repair work to the piers after suffering minor damage from a naval barge. In 2016, the Ministry of Railways sanctioned ₹25 crore (US\$3.1 million) to replace the existing 65.23 metres (214.0 ft) long rolling type span with a 66 metres (217 ft) long single truss span which could be opened automatically. All train movement was stopped from 5 December 2018 when a fissure was noticed on 4 December 2018.

Railway

The railway bridge carried metre gauge trains connecting Mandapam on mainland India to Pamban. Indian Railways upgraded the bridge to carry broad gauge trains and the work was completed on 12 August 2007.^[7] From Pamban, the railway line bifurcated, one line towards Rameshwaram about 6.25 miles (10.06 km) up and another branch line of 15 miles (24 km) terminating at Dhanushkodi.^[8] The Boat mail express runs from Chennai Egmore to Rameswaram. The train ran up to Dhanushkodi until 1964 when the metre-gauge branch line from Pamban to Dhanushkodi was destroyed during the 1964 Dhanushkodi cyclone.^[9]

Road



Annai Indira Gandhi Road Bridge

The construction works of Annai Indira Gandhi Road Bridge was commenced on 17 November 1974 by the Indian Highway department and contracted to M/S Neelakandan Brothers Engs, Madras. After the 1978 cyclone the work was carried out slowly, and few years later the contract was given to the New Gammon India Ltd. The Government sanctioned ₹16.6514 crore by 1986. The work was completed in 1988.^[7]





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, Email Id: scscoe@gmail.com

Pamban Bridge



Pamban Bridge

Coordinates	 9°11'57.2674 N 76°12'3.217E
Carries	Rail
Locale	Pambanwaran, Tamil Nadu, India
Owner	Indian Railways
Characteristics	
Total length	6,770 feet (2,065 m)
No. of spans	144
Rail characteristic	
No. of tracks	1
Track gauge	Broad gauge
History	
Construction start	1911
Construction end	1914
Opened	1916



[Signature]
 Head of Department
 Dept. of Civil Engineering
 Shri Chhatrapati Shivajiraje College of Engineering
 Dhangawadi, Pune-412205

3.3 Project Based Learning



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.

Project Based Learning (PBL) A.Y. 2021-22

Class- SE E&TC

List of Students and Project name

Group no	Sr.No	Roll No	Name of Student	Project Name
Group 1	1	SET21D055	Chauhan Pardeshi Atharva Manojising	Finger Print bank Locker System
	2	SET21D066	Shikalgar Arbaj Niyaj	
	3	SET21D070	Chavan Aditya Dipak	
	4	SET21D074	Dhebe Pranita Sunil	
	5	SET21D057	Devkar Aishwarya Chaitanyanath	
	6	SET21D014	zanzane Prafulla Dharmaraj	
Group 2	1	SET20F001	Bahurupi Touhit Sardar	Thermo Electric generation Using Peltier Module
	2	SET20F004	Gadhawe Prathamesh Prashant	
	3	SET20F005	Ghadge Sourabh Dilip	
	4	SET21D026	Swami Sangmeshwar Virbhadra	
	5	SET21D064	Ghavare Sushant Sunil	
	6	SET21D025	Navghane Akash Dhanaji	
Group 3	1	SET20F002	Bandal Alisha Jayendra	Social protection for Old age and Womens
	2	SET20F006	Jagtap Apurva Sudhakar	
	3	SET21D018	Lohar Jayant Suryakant	
	4	SET21D051	Apeksha Dilip Gaikwad	
	5	SET21D052	Girigosavi Priyanka Shivraj	
	6	SET21D048	Khomane Shubhangi Babu	
Group 4	1	SET21D075	Jadhav Vaibhavi Santosh	Water level Controller
	2	SET21D076	Pawar Swapnita Rajabhau	
	3	SET21D039	Jujare Kiran Prakash	
	4	SET21D040	Patel Sayyadadnan Sarfaraj	
	5	SET21D081	Khopade Pournima Sharad	
	6	SET21D078	Khopade Chaitrali Balkrushana	
Group 5	1	SET21D079	Naikar Dnyaneshwari Tanaji	Android app for College Mess
	2	SET21D082	Renuse Pranali	
	3	SET21D071	Nevase Aaditi Mugutrav	
	4	SET21D035	Dalvi Swati Shivaji	
	5	SET21D041	Mahamuni Pooja Santosh	
	6	SET21D046	Jagtap Manasi Arjun	
Group 6	1	SET21D059	Konde Satwika Sanjay	Pulse Sensor
	2	SET21D060	Rajpure Rutuja Chandrakant	
	3	SET21D061	Liman Harshada Pandurang	
	4	SET21D056	Joshi Bindukumari Krishnaraj	



	5	SET21D032	Shirke Kranti Baburao	
	6	SET21D031	Patil Shraddha Dilip	
Group 7	1	SET20F012	Tupe Sakshi Laxman	Smart Home Automation Using Wi-Fi
	2	SET21D045	Reddi Smita Laxhan	
	3	SET21D038	Shirodkar Rachana Vishnu	
	4	SET20F009	Phadtare Shweta Anil	
	5	SET21D021	Jadhav Kartik Arun	
	6	SET21D036	Waghmare Kanchan Balaji	
	7	SET21D054	Gayakwad Priya Popat	
Group 8	1	SET20F008	Pandekar Prajakta Navnath	UV sterilizer
	2	SET20F010	Raut Anuradha Jitendra	
	3	SET21D044	Bhatre Samruddhi Santosh	
	4	SET21D047	Baikar Shrutika Ashok	
	5	SET21D043	Utekar Vaishnavi Ramdas	
	6	SET20F007	Khopade Bhagyashree Shivaji	
	7	SET21D068	Shinde Siddhi Rajendra	
Group 9	1	SET21D058	Patil Rohit Rajaram	Automatic Street Light Controller
	2	SET21D042	Jadhav Rohit Sanjay	
	3	SET21D072	Palke Rupesh Shrikisan	
	4	SET21D050	Koli Rutukesh Rajaram	
	5	SET21D053	Shinde Vishal Fulchand	
	6	SET21D015	Nigade Shweta Uttam	
Group 10	1	SET21D073	Mule Atharva Sunil	Snake Vibrator
	2	SET21D049	Kagade Amit Santosh	
	3	SET21D037	Sawant Ajay Rajaram	
	4	SET21D062	Mulla Moin Tajuddin	
	5	SET21D020	Chavan Pushpashil Prashant	
	6	SET20F011	Salunkhe Omkar Rajaram	
Group 11	1	SET21D013	Chikane Ujiwala Krushna	Students Attendance System
	2	SET21D019	Waghmare Ajay Sanjay	
	3	SET21D023	Galande Shivaji Pandurang	
	4	SET21D028	Pawar Dhananjay Dilip	
	5	SET21D029	Dhore Pratik Chandrashekhar	
	6	SET21D063	Chavan Sagar Umesh	
Group 12	1	SET21D033	Salunkhe Reshma Vilas	Fire Alarm System
	2	SET21D065	Bhandare Pankaj Sanjay	
	3	SET21D069	Algude Pankaj Arjun	
	4	SET21D077	Sutar Pradnya Vasant	
	5	SET21D080	Gadhawe Ankita Sambhaji	
	6	SET21D083	Khot Pratiksha	

[Signature]
Coordinator



[Signature]

HOD
HOD


E & TC Engineering Dept.
Shri Chhatrapati Shivaji Raja
College Of Engineering, Bhor,
Dist-Pune. Pin-432006

3.3 Mini Project

Class: TE (E & TC)		TE Mini Project Details		A. Y. 2021-22
Sr. no	Group No.	Roll No.	Name of the Student	Name of Project
1	Group 1	TET20D030	PARWADI AYUSH ASHOK	Data Logger System
2		TET20D038	SAWANT RAJ DNYANESHWAR	
3		TET19F041	SUTAR PRATIK ADHIKRAO	
4	Group 2	TET20D006	DHONDE ABHJEET VITTHAL	Voice based Notice Board System
5		TET20D005	DEOKAR POONAM DHANAJI	
6		TET20D045	WALHEKAR KOMAL BALASO	
7	Group 3	TET20D003	BHIMANAVARU BASAVRAJ ARJUN	Home automation using IOT
8		TET20D011	GHATAKAMBLE SANDEEP SIDHALINGAPPA	
9		TET20D032	PAWAR GANESH PANDURANG	
10	Group 4	TET20D031	PATIL ARCHANA MAHADEO	Facial Emotions Recognition Using ML.
11		TET20D001	BABAR RUTUJA PRADIP	
12		TET19F007	DUDHANE TEJAS TANAJI	
13	Group 5	TET20D018	KANSE PAYAL ASHOK	Home automation using IOT
14		TET20D025	MALAVI VISHAL SHIVAJI	
15		TET20D042	SUTAR SHABDASHREE	
16	Group 6	TET20D019	KASHID DEEPAI BABURAO	AUTOMATIC STREET LIGHT
17		TET20D022	KOKATE ANKITA BALASAU	
18		TET19D016	KADALE SHRUTIKA PRAMOD	
19	Group 7	TET20D021	KHOPADE AARATI NAMDEV	Text to Speech Synthesizer
20		TET19F026	MALEKAR KOMAL SANJAY	
21		TET18F017	KADAM DHIRAJ SUHAS	
22	Group 8	TET20D039	SHAIKH SHAHRUKH SALIM	Hand Talk Assistance System
23		TET20D029	MORE MAHESH SUNIL	
24		TET20D044	TAVARE SHUBHAM LAXMAN	
25	Group 9	TET20D009	GADEKAR NILAM RAMESH	Accident Prevention System
26		TET20D036	SALUNKE PRATIKSHA PANDURANG	
27		TET20D008	GADE RUSHIKESH NARAYN	
28	Group 10	TET20D023	KOKATE UMESH RAMESH	Electronics scrolling display with arduino
29		TET20D027	METIL MAHENDRA RANGRAO	
30		TET20D040	SHENDAGE BHAGYASHREE UMAJI	
31	Group 11	TET20D028	MORE KETAN VUJAY	Smart Biometric pen drive System using fingerprint Module
32		TET20D012	JADHAV ANIKET NATHU	
33		TET20D024	KONDHALKAR POOJA RAMCHANDRA	
34	Group 12	TET19F034	PAWAR SWARALI RAMCHANDRA	Bluetooth based home automation using arduino
35		TET19F035	RENUSE ARCHANA SITARAM	
36		TET20D013	JADHAV JYOTI SANJAY	
37	Group 13	TET20D004	DESHMUKH SAMEER SATISH	Distance measurement Using Ultrasonic Sensor
38		TET20D014	JADHAV PRIYANKA TANAJI	
39	Group no-Back	BET19D029	POMAN SONALI ANIL	Bridge Collapse Detector


Coordinator




HOD
E & TC Engineering Dept.
Shri Chhatrapati Shivaji Raju
College Of Engineering, Dhargawadi



RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF
ENGINEERING

A
REPORT
ON
MINI PROJECT

"WOMEN AND OLD AGE SAFETY DEVICE USING GPS AND
GSM"

PROGRAM: ELECTRONICS AND TELECOMMUNICATION
ENGINEERING

COURSE: PROJECT BASED LEARNING (PBL).

COURSE CODE: 204200

CERTIFICATE

This is certified that the mini project for Project Based Learning (PBL) entitled
"WOMEN AND OLD AGE SAFETY DEVICE USING GPS AND GSM"

Submitted by

Jagtap Apurva Sudhakar Exam no- S190713030

Bandal Alisha Jayendra Exam no- S190713006

Lohar Jayant Suryakant Exam no- S190713045

Garkwad Apeksha Dilip Exam no- S190713003

Girigosavi Priyanka Shivraj Exam no- S190713026

Khontane Shubhangi Bapu Exam no- S190713035

is a bonafide work carried out by them under the guidance of Prof. S.D.PASALKAR and it is approved for the partial fulfilment of the requirement of the Savitribai Phule Pune University, for the Bachelor of Engineering in Electronics and Telecommunication Engineering.


Prof. S.D. Pasalkar

Guide


Prof. T.M. Dudhane

Head of Dept. (E&TC Engg.)

Place: Dhangawadi

Date:




Dr. S.B. Patil
Principal
Principal of SCSCOE
Shri Chhatrapati Shivaji College of Engg.
Dhangawadi, Pune-412206

ACKNOWLEDGEMENT

We are feeling very humble in expressing my gratitude. It will be unfair to bind the precious help and support which we got from many people in few words. But words are the only media of expressing one's feelings and my feeling of gratitude is absolutely beyond these words. It would be my pride to take this opportunity to say the thanks.

Firstly, we would thank our beloved guide Prof.Dr.S.B.Patil Sir for his valuable guidance, patience and support. He was always there to force us a bit forward to get the work done properly and on time. He has always given us freedom to do mini project work and the chance to work under his supervision.

We would like to express our sincere thanks to Prof.S.D.Pasalkar Sir for his constant encouragement in the fulfillment of the mini project work. He always remains a source of inspiration for us to work hard and dedicatedly. We are deeply indebted to our H.O.D. Prof. T.M.Dudhane, who has extended valuable guidelines help and constant encouragement through the various stages for the onslaught of the project.

It is the love and blessings of our families and friends which drove us to complete this project work.

Thank you all!

Apurva Jagtap- 72154961G

Alisha Bandal- 72154931E

Jayant Lohar- 72208552E

Apeksha Gaikwad -72208519C

Priyanka Girigosavi -72208536C

Shubhangi Khomane -72208543F

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ABSTRACT

In this project, we will make Women and old age people safety device using GPS and GSM Modem. This project is based on shock circuit and the emergency switch which tracks the location and sends an SMS to the emergency contacts.

This project can be used to protect old people and women in case of harassment. Women can use the hand held device to give shock to the person and press then press the emergency switch. After pressing the emergency switch the message and location will be sent to the emergency contacts which we have decided. In case of old people, we will implement this same in the walking stick. So when they are in trouble they can give the shock to the person troubling them and after pressing the emergency switch the message and the location will be sent to the emergency contacts.

We can use LED to display whether the message and location is sent or not.

CHAPTER NO: 1

• INTRODUCTION

Security is the most important aspect in one's life. It is being protected from danger or loss. In general sense, security is a concept similar to safety. The difference between the two is an added emphasis on being protected from dangers that appear from outside. Individuals or actions that bring threat to the security stand guilty in front of the law. The word "security" in general usage is synonymous with "safety," but as a technical term "security" means that something not only is secure but that it has been secured.

The proposed design presents women and old age safety detection and alerting system using GPS and GSM modules. GPS Receiver gets the information of the accurate location from satellites around the earth in the form of latitude and longitude. It needs minimum of four satellites to get the accurate location. This model can be designed in such a way that detects the location of victim and allows the rescue system to take action accordingly, based on the electronic gadgets like GPS. The system that which resembles normal clothes which when turned on it tracks the location of victim using GPS services to necessary emergency contacts and police control room. Thus this helps the victim against attacker for self defence. It also contains shock circuit which can protect the victim for sometime. It is a distinct aid product designed to keep the user and their associate safe 24/7. It is filled with features for both everyday safety and real emergencies. Our aim is to provide you with firmest and natural way to connect your nearby hand. It shares the current location and a heartache message to the cops and the emergency contacts, so that disastrous circumstance can be avoided. This is very useful to police department to compress the lawbreaking, which are abuse. We intend to create a partial wearable that can provide a complete security solution and become a utility that eases the apprehension among women and old age members. At times of critical situations the woman can send message or make a call to the registered contacts via GSM and GPS.

CHAPTER NO: 2

• LITARATURE SURVEY

[1] It is about the present scenario of security to women and old age is very less and in order to provide security to women and old people is very essential. Hence to provide the security, an application is to be built and given with sufficient data like human behaviour. It has to be accessed to GPS services. This application can detect the location hence this proposed system help in dealing with the problem faced by women and old age people which can be solved with technical knowledge.

[2] Nowadays the important issue in the society is women and old age people safety. In this paper the model will help to protect the women and old people from the attackers. The proposed model contains various devices like GPS, GSM and panic button. Here GPS is used to detect the location of the device. In this paper to ensure a security to a women and old people in the society by providing sending of threats and sends a notification to their relatives and nearest police station.

[3] It is discussed about how the system is designed to ensure women's and old people security. This system is used to locate women based on GPS technology. In this way, the signals that have been created are sent to the board, manage the signals and provide SMS services, so emergency calls can be shared with the location of the coordinates to save women from harassment.

[4] It proposes the dangerous issues faced by the women and it will help in finding the culprit easily with help of high technologies. And it will be easy to implement in different areas for security and surveillance of women.

[5] It all about providing safety to women on designing the smart device. This device helps to identify the critical situation of women. Women safety has become major issue in day to day world. They can't have real freedom as the men as since they are not physically strong enough. Thus in dangerous situations this will act as protecting hand. This uses GPS and GSM module with Arduino device. When a woman feels insecure in any situation she can press the wireless key which provides the location from GPS and GSM. This design helps to handle the dangerous situation faced by women. This paper also helps for the further development of the design by providing the basic and the technical information.

[6] In our country there is less safety for women and old people so this paper is designed for women in emergency and in distress. It is simple and easy to use.

CHAPTER NO: 3

- **PROBLEM DEFINITION**

In the last horrific incident in Jammu and Kashmir, we have shocked the nation and warned us about women's safety and security. In regards to issues, people have different means of protection. Finally, tools should be introduced to ensure women's and old age people protection with different technologies.

CHAPTER NO: 4

- **OBJECTIVE**

Security is a condition for protection against accidents or losses. In general, security is a concept similar to safety. The difference between the two is an additional emphasis on protecting from external accidents. Individuals or activities that violate the terms of protection are liable for any breach of security. The word "safety" is a general term for "security", but a "safety" technique means something not only true but also safe. This project demonstrates women's security systems using the GPS and GSM modules. This messaging and messaging system has a GPS receiver, and a GSM modem. GPS receivers get location information from satellites in latitude and longitude. The microcontroller processes this information, and this processing information is sent to the user through the GSM modem. The GSM module is connected to the MCU. The GSM module sends SMS messages to a predefined phone number. When a woman is in danger and needs self protection, she can press the switch provided. By pressing the key, the whole system will be activated, and then a SMS will be sent to locate a person using GSM and GPS.

CHAPTER NO: 5

• BLOCK DIAGRAM

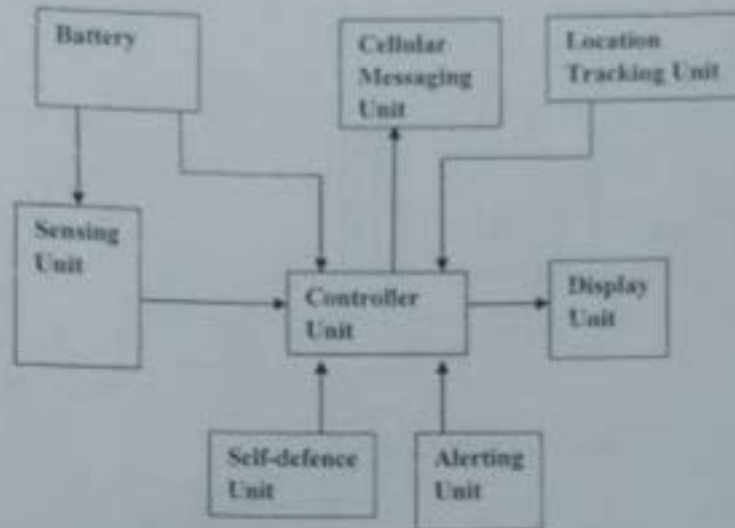


Fig:1 Block diagram

CHAPTER NO: 6

• CIRCUIT DIAGRAM

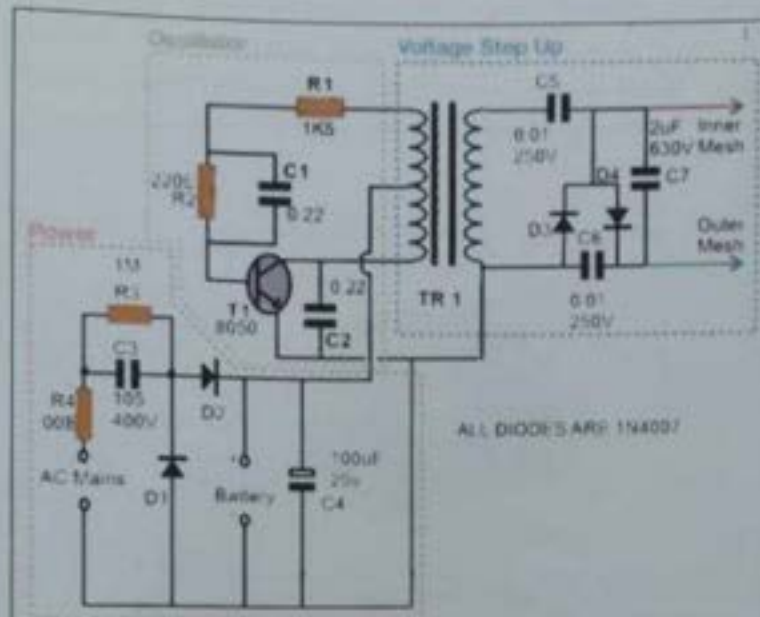


Fig.2 Circuit diagram

1. GSM Modem

Global system for mobile communication (GSM) is a worldwide accepted standard for digital cellular communication. GSM is the name of a standardization group recognized in 1982 to create a common European mobile telephone standard that would formulate conditions for a pan European mobile cellular radio system operating at 900 MHz. Whenever someone sense unsafe, GSM (Global System for Mobile communication module) sends extremity message to chosen contacts and the police control room.



Fig.3 GSM Modem

2. Esp8266 (node mcu)



Fig.4 Esp8266(node mcu)

Node MCU ESP8266 Wifi Module is an open-source Lua based firmware and development board specially targeted for IoT based applications. It includes firmware that runs on the ESP8266 Wi-Fi SoC from Espressif Systems, and hardware which is based on the ESP-12 module.

3. Gsm (sim800c)

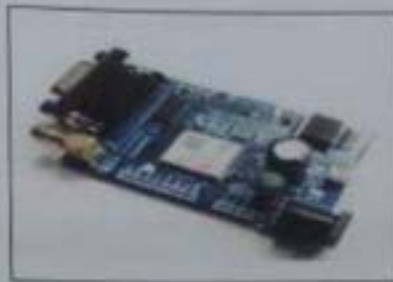


Fig.5 Gsm(sim800c)

SIM800C is a complete Quad-band GSM/GPRS solution in a SMT type, which can be embedded in the customer applications. SIM800C supports Quad-band 850/900/1800/1900MHz, it can transmit Voice, SMS and data information with low power consumption.

4. GPS (neo6m)

Ability to sense locations with NEO-6M GPS Module that can track up to 22 satellites and identifies locations anywhere in the world. It may serve as a great launch pad for anyone looking to get into the world of GPS.



Fig.6 GPS (neo6m)

5. LCD display

LCD (Liquid Crystal Display) is a type of flat panel display which uses liquid crystals in its primary form of operation. LEDs have a large and varying set of use cases for consumers and businesses, as they can be commonly found in smart phones, televisions, computer monitors and instrument panels.



Fig.7 LCD Display

6.I2C

I2C stands for Inter-Integrated Circuit. It is a bus interface connection protocol incorporated into devices for serial communication. It was originally designed by Philips Semiconductor in 1982. Recently, it is a widely used protocol for short-distance communication. It is also known as Two Wired Interface (TWI).

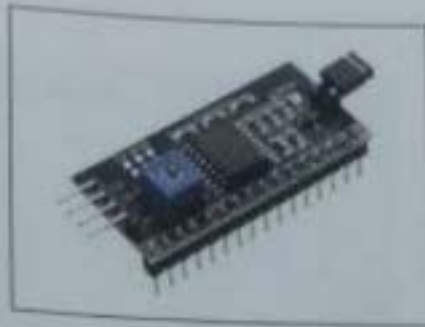


Fig.8 12C

7. 12v 2A adapter

12V power supplies (or 12VDC power supplies) are one of the most common power supplies in use today. In general, a 12VDC output is obtained from a 120VAC or 240VAC input using a combination of transformers, diodes and transistors.



Fig.9 12v 12A adapter

8. Transformer less power supply:

As you see in the above the circuit diagram it has Transformer less Power supply system for charge the battery (3V rechargeable battery). If you don't know how transformer less power supply works and if you want to make a transformer less power supply then you read our previous article about Transformer less Power supply.



Fig.10 Transformer less power supply

9. Oscillator Circuit:

You already know that battery has DC source and we cannot step up DC. So an Oscillator circuit is used to convert DC to Pulsating AC. The Oscillator circuit consists of a Transistor, capacitors, and resistors.

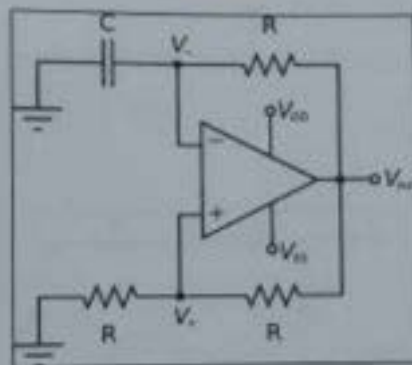


Fig.11 Oscillator circuit

10. Transformer

A transformer you can call also pulse transformer is used to step up the oscillating frequency and voltage.



Fig.12 Transformer

11. Ladder Network:

The output of the transformer is boosted up through a ladder network which consists of diodes and capacitors.

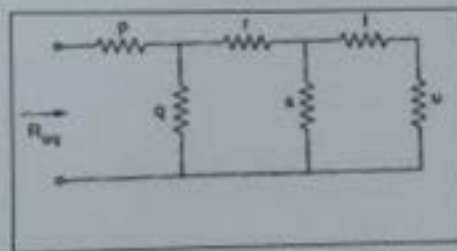


Fig.13 Ladder circuit

12. Output Capacitor:

You can see the circuit has a non-polarized capacitor of 1200V which connected in parallel with the output terminals for storing high voltage and discharge during operation.

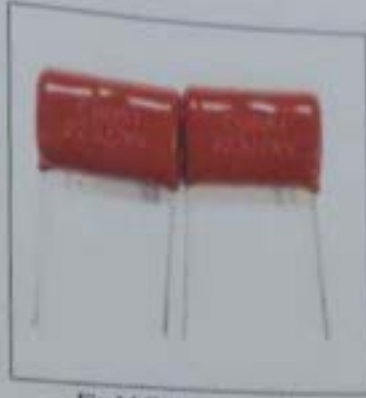


Fig.14 Output capacitor

CHAPTER NO: 7

- **Working**

1. GPS Receiver gets the information of the accurate location from satellites around the earth in the form of latitude and longitude.
2. It needs minimum of four satellites to get the accurate location.
3. The Microcontroller processes this information and this processed information is sent to the user using GSM modem using AT commands.
4. A GSM modem is interfaced to the MCU.
5. The GSM modem sends an SMS to the predefined set of mobile numbers.
6. When they presses the shock button and touch the safety device or the stick against the body of the person troubling them the capacitor used in the shock circuit discharges in the body of the person and he/she gets the shock. Then by pressing the button, the entire system will be activated then immediately a SMS will be sent to concern person with location using GSM and GPS.

CHAPTER NO: 8

• RESULT AND ANALYSIS

The overview of the system is shown in the figure. When powered on, the alerting system works as expected. The preview of the SMS sent by the system is presented in



Fig.15 System Initializing



Fig.16 System Ready

```
Latitude:18.452370  
Longitude:73.836670  
I am in Trouble  
http://maps.google.com/maps?&z=15&mr1=yp&t=k&q=18.452370+73.836670
```

2:23 pm

Fig.17 Message Sent



Fig.18 Location

CHAPTER NO: 9

- **CONCLUSION**

The proposed design helps women and old age people send out a distress signal in times of need. The design, when developed further and fabricated will help women and old people feel more secure in dangerous situations. The society we live in still has a long way to go in terms of changing its mindset, but with the use of technology such as this we can help women and old age people be more independent.

CHAPTER NO: 10

- **FUTURE SCOPE**

- Android and i-OS Apps can be developed to provide~ better UI for various settings like setting up mobile number etc.
- A buzzer like mechanism can be used to seek help from neighbouring people.
- Voice recorder and camera can also be added to the system.

CHAPTER NO: 11

• REFERENCES

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