



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Academic Year: 2022-23

CRITERIA 7: Institutional Values and Best Practices

Key Indicator: 7.2 Best Practices

Best Practice I: Reach to Unreached

Best Practice II : Project Competition



Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati 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

Report on Best Practice I: Reach to Unreached

TITLE/TOPIC: - REACH TO UNREACHED

PERIOD: - 2022-23

STAFF: - 20

COORDIANATOR:-Prof. DR. S. B. Patil

OBJECTIVES: -

- To create the awareness regarding higher Education among students in remote areas.
- To Emphasis the importance of higher education to students & parents in village area.
- To provide the information and guidelines regarding higher education among students in village areas.
- To motivate students from remote areas to go for higher Goals through education.

DESCRIPTION: -

India is a country with a 138 crore (1.38 billion) population which is further divided into two sections: urban and rural. The rural population of India represents 65% of the total population, around 88 crore (880 million). As of 2021, the literacy rate in rural India was around 73.5%. This includes 81% male and 65% female literacy in rural section of India. As the rural economy currently contributes to 25-30% of the country's GDP, literacy in these parts is important for the Indian economy.

The government of India has launched many initiatives such as Samagra Shiksha, Jahawar Navodaya Vidyalaya, mid-day meal schemes, digital initiatives etc. The goal of these initiatives is to increase the enrolment rate and also to encourage the already enrolled students to attend regularly.

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering is also located in rural area. The Founder had vision for enhancing higher education in rural area. Rural area peoples are generally economically weaker and always hesitated to go for higher education because of expenses. Since our institute is located in rural area which provides them very ease.

Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering had taken initiative and made its best practice to Motivate, Inform & Guide students in rural area for higher education. The gross enrollment ratio to higher education of rural area student is very poor and situation is not so good for female population. Institute is following the practice for last eight years. Institute has been conducting programs in Schools, Junior colleges and near villages to increase the student's enrollment towards the higher education.

Under the guidance Principal Prof. Dr. S. B. Patil, We planned & organized our staff to guide to the students regarding higher education. We Provides various options for higher education available to 10+2 students like BCOM, BA, BSC, BE, B.PHARM, MBBS, BHMCT, Etc. We solve their all Queries and doubts regarding above. We discuss their interests and carrier opportunities available for them.

This year Institute had various programs regarding Awareness of higher education at following region.

- Khandala , Bhor , Wai
- Purandar
- Velhe



SR. NO	REGION	NUMBER OF STUDENTS ENROLLED TO HIGHER EDUCATION (BE)
01	BHOR	20
02	VELHE	15
03	WAI	10
04	KHANDALA	15
05	KHATAV	5
05	PURANDAR	5

OUTCOMES:

- Total 70 numbers of students are enrolled for Engineering in our institute through this practice.
- The practice conducted at villages, rural Schools and rural colleges were very fruitful. We were very much successful in creating awareness regarding higher education among rural students and their parents.
- Many students were found motivated and curious to choose path of higher education to achieve better carrier.
- The awareness about higher education has increased in the students as well as in Parents.



PHOTOS OF PROGRAMS & VISIT TO STUDENTS IN VILLAGES FOR CAREER GUIDANCE AND MOTIVATION FOR HIGHER EDUCATION



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities



Staff guiding 12Th Students for higher education & career opportunities

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





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SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

CRITERIA 7: Institutional Values and Best Practices

Academic Year: 2022-23

Key Indicator: 7.2 Best Practices

Best Practice II: Project Competition (2022-23)

Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati 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

Project Competition Report (2022-23)

Department of Computer Engineering

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





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

Department of Computer Engineering

Date- 27/09/2022

NOTICE

All the students are hereby informed that Computer Department has organized a Project Competition on 1st of October, 2022. All the students are advised to attend the program.

Venue: Computer Department

Time: 11:00 am to 4:00 pm

PMARNE

Prof. P. M. Marne

Coordinator

BTH

Prof. B. D. Thorat

Head of Department

Dept. Computer Engineering

Shri Chh. Shivajiraje College of Engg

Dhangawadi, Pune-412206





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

INVITATION LETTER

Date- 27/09/2022

To

Ashok Katkar,

Amdoc,

Pune.

Subject: Invitation for conducting "Project competition"

Respected sir,

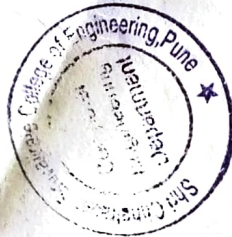
On behalf of Rajgad Dnyanpeeth's Shri. Chhatrapati Shivajiraje College of Engineering, Dhangawadi, we will be honored to have a person of your reputation as one of the judges for project competition.

As per discussion, we have scheduled the project competition of final year computer engineering student on Saturday, 1st of October, 2022, 2022.

We are expecting approximately 40 students from our college.

Please let us know if you will require any audio-visual equipment or additional technological support. Further information related to this event we will send you by mail please accept this invitation and acknowledge the same.

Best wishes.




Prof. B. D. Thorat

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



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

PERMISSION LETTER

Date- 27/09/2022

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

Subject: Regarding final year Project Competition remuneration

Respected sir,

Computer Dept. is going to conduct "Project Competition for B. E. students. Mr. Ashok Katkar has been invited as an eminent judge for the project competition of final year of Computer engineering student. The competition will be held in his presence. He will assess the project on following day and date.

Sr. No.	Day	Date	Subject	Class
1.	Saturday	01-10-2022	Project Competition of B. E. (Computer) students	B.E (Computer)

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

Thanking you.

P. MARNE

Prof. P. M. Marne

Coordinator

B. D. THORAT

Prof. B. D. Thorat

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

Remark



Pay B 2000/-
[Signature]
27/9/2022



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

Tentative Budget

Date- 27/09/2022

To,

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

Subject: Regarding final year Project Competition remuneration

Respected sir,

Computer Dept. is going to conduct "Project Competition for B. E. students. Mr. Ashok Katkar has been invited as an eminent judge for the project competition of final year of Computer engineering student. The competition will be held in his presence. He will assess the project on following day and date.

Sr. No.	Day	Date	Subject	Class
1.	Saturday	01-10-2022	Project Competition of B. E. (Computer) students	B. E. Computer)

Tentative Budget:

We should pay him remuneration of total amount 2000/-

Please sanction the above mention amount.

Thanking you



Pay Rs 2000/-
[Signature]

[Signature]
Prof. B. D. Thorat
Head of Department
Dept. Computer 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 – Bor, Dist- Pune (Maharashtra)

REPORT OF PROJECT COMPETITION

DEPARTMENT : Computer Engineering

DAY/ DATE : Saturday, 01/10/2022

CHIEF GUEST :

DURATION OF EVENT : 11:00 am to 1:00 pm.

OBJECTIVE

The main objective of the project competition were to enhance technical knowledge and competitiveness among students.

DESCRIPTION

The “Project Competition-2022” was arranged in the presence of Principal of RDTC, HOD of department and all faculties of respective departments and students. Total 12 groups were participated for this Project Competition. There were three members in the jury committee including judge, Mr. Ashok Katkar, Prof. B. D. Thorat and the Event & Project Co-ordinator Prof. P. M. Marne. The final evaluation process completed by jury members and finalized the two group as 1st rank and 2nd rank.

Result of Project Competition Event A. Y. 2022-2023

Sr. No.	Name of Student	Project Title	Class	Rank
1.	Ithape Shreya Santosh Gujar Sayali Satish Suryawanshi Komal Banudas Yele Pratiksha Jagish	Crop and Fertilizer Prediction using Machine Learning	BE	1
2.	Mandhare Rupali Laxman Pophale Kishori Vijay Jadhav Shweta Yashwant	Stock Market Prize Prediction using Machine Learning	BE	2



Finally, award ceremony program was conducted on 1st of October, 2022 from 11:00 am to 2:00 pm and announced the name of winner team of innovative technical ideas with rank certificates were distributed to the student with blessings of the chief guest and principal of institute.

Conclusion:

This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.



PMARNE

Prof P M Marne
Co-ordinator

BRD

Prof R D Thorat
Head of Department
Dept. of Computer Engineering
Shri Chh. Shivaji College of Engg.
Dhimgawadi, Pune-412206

SRP

Dr Prof S R Patil
Principal
Wajad Dnyanpeeth's
Smt. Jyotsnabai Shivaji College of Engg.
Jambhwal, Bhor, Pune-412211





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

Date: 01/10/2022

THANKING LETTER

To,
Mr. Ashok Katkar

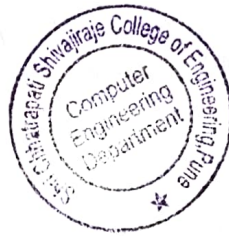
Pune.

Dear Sir,

We would like to take this opportunity to thank you on behalf of RD's SCSCOE, for being present as a prominent jury for "Project Competition on 1st of October, 2022. We appreciate the support and importance you have shown to students by providing significance and concern in their work. We look forward to your involvement in future events. We hope to see you again soon.

Thanking you

PMARNA
Prof. P. M. Marne
Co-ordinator



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

Received
Ashok



Evaluation points for a project competition

Project Evaluation Criteria:

- 1. Project Presentation (10 points):**
 - Clarity of project description
 - Visual aids and presentation skills
- 2. Problem Statement (15 points):**
 - Clearly defined problem Importance and relevance of the problem
- 3. Innovation and Creativity (15 points):**
 - Originality of the project
 - Innovative solutions or approaches
- 4. Project Execution (20 points):**
 - Quality of workmanship
 - Attention to detail Effective use of resources
- 5. Impact (15 points):**
 - Potential for positive impact
 - Benefits to the target audience or community
- 6. Scalability and Sustainability (10 points):**
 - Potential for growth or expansion
 - Long-term viability and sustainability
- 7. Team Collaboration (10 points):**
 - Effective teamwork and collaboration
 - Roles and responsibilities distribution
- 8. Presentation (15 points):**
 - Clarity of communication
 - Engaging the audience
 - Ability to answer questions
- 9. Overall Impression (10 points):**
 - Judges' overall impression of the project
- 10. Total Score (100 points):** Sum of scores from all criteria



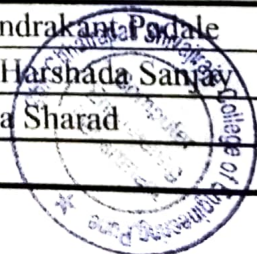


Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF COMPUTER ENGINEERING

Registration for Project competition 2022-23

A. Y. 2022-23

Gr. no.	Project Title	Project participants	Class
1	Sales forecasting using Machine Learning	Bobade Prachi Santosh	B.E. (Comp)
		Garud Akshada Anil	B.E. (Comp)
		Chavan Ritambara Shankar	B.F. (Comp)
		Gorad Akshada Rajendra	B.E. (Comp)
2	Multi Image Steganography using Advanced Encryption Standards	More Priti Arvind	B.E. (Comp)
		Shilimkar Namrata Rajendra	B.E. (Comp)
		Dighe Supriya Dattatraya	B.E. (Comp)
		Thombare chandan shekhar	B.E. (Comp)
3	Search Engine using ML	Jagtap Gauravi Sopan	B.E. (Comp)
		Kanade Omkar Rajesh	B.E. (Comp)
		Pawar Snehal Sunil	B.E. (Comp)
		Kshirsagar Akash Mahesh	B.E. (Comp)
4	Stock Market Prize Prediction using Machine Learning	Mandhare Rupali Laxman	B.E. (Comp)
		Pophale Kishori Vijay	B.E. (Comp)
		Jadhav Shweta Yashwant	B.E. (Comp)
		Wadakar Mohini Sanjay	B.E. (Comp)
5	Allocation and Tracking of public funds using blockchain	Walhekar Abhinav Navnath	B.E. (Comp)
		Jadhav Harshad Arjun	B.E. (Comp)
		Gaikwad Pooja Balkrishna	B.F. (Comp)
		Kachi Aditi Jagdish	B.E. (Comp)
6	Field Condition Managment	Shinde Dipak Naresh	B.E. (Comp)
		Patil Vaishnavi Devendra	B.E. (Comp)
		Borsare Shubham Tarudatta	B.E. (Comp)
		Korade Tujay Kamalakar	B.E. (Comp)
7	JARVIS : An Virtual Assistant using gTTS	Kaluse Sahil Sanjay	B.E. (Comp)
		Mandave Kunal Dilip	B.E. (Comp)
		Munde Abhijeet Bhagwat	B.E. (Comp)
		Umbarkar Kunal Sunil	B.E. (Comp)
8	Smart Pet Feeder System based on google Assistant	Patankar Samarjeet Satish	B.E. (Comp)
		Gaikwad Sushil Pandurang	B.E. (Comp)
		Sonawane Sonal Eknath	B.E. (Comp)
		Bait Rukshita Dinesh	B.E. (Comp)
9	Detection of Melanoma using Deep Learning Techniques	Tejas Chandrakant Podale	B.E. (Comp)
		Shivtare Harshada Sanjay	B.E. (Comp)
		Raut Pooja Sharad	B.E. (Comp)
			B.E. (Comp)



10	URL Phishing Detection using ML	Saste Shubham Jalindar	B.E. (Comp)
		Shinde Sandhya Prabhat	B.E. (Comp)
		Shilimkar Ashwini Vijay	B.E. (Comp)
		Devgirikar Vidya	B.E. (Comp)
11	Crop and Fertilizer Prediction using Machine Learning	Ithape Shreya Santosh	B.E. (Comp)
		Gujar Sayali Satish	B.E. (Comp)
		Suryawanshi Komal Banudas	B.E. (Comp)
		Yele Pratiksha Jagish	B.E. (Comp)
12	Face Recognition System using ML with Open CV and Telegram	Kumbhar Rutuja Dattatraya	B.E. (Comp)
		Shedge Pooja Sambhaji	B.E. (Comp)
		Khandale Kiran Prakash	B.E. (Comp)
		Khopade Ajit Dattatray	B.E. (Comp)

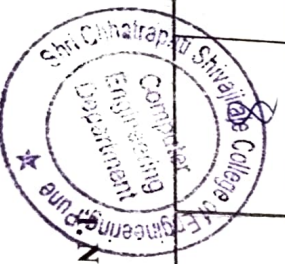
PMARNE
Event Coordinantor
 Prof. P. M. Marne



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

Evaluation sheet

Sr. No.	Title of the project	1. Project Presentation	2. Problem Statement	3. Innovation and Creativity	4. Project Execution	5. Impact Benefits	6. Scalability and Sustainability	7. Team Collaboration	8. Presentation	9. Overall Impression	Total
		10	5	10	20	10	10	10	15	10	
1	Sales forecasting using Machine Learning	8	4	5	10	8	7	7	10	5	64
2	Multi Image Steganography using Advanced Encryption Standards	8	4	9	10	8	9	7	12	8	75
3	Search Engine using ML	7	4	9	15	7	9	8	12	7	78
4	Stock Market Prize Prediction using Machine Learning	9	4	9	15	7	9	8	12	7	80
5	Field Condition Management	7	4	9	8	7	8	7	12	7	69
6	Allocation and Tracking of public funds using blockchain	9	4	9	9	8	8	7	13	8	75
7	JARVIS : An Virtual Assistant using gTTS	8	5	5	11	8	8	6	10	8	69
8	Smart Pet Feeder System based on google Assistant	7	4	8	11	7	6	7	12	8	70
9	Detection of Melanoma using Deep Learning Techniques	7	4	9	8	7	8	7	12	7	69
10	URL Phishing Detection using ML	8	4	7	13	8	8	8	12	5	73
11	Crop and Fertilizer Prediction using Machine Learning	9	4	8	15	7	9	8	13	8	81
12	Face Recognition System using ML with Open CV and Telegram	8	4	7	7	8	8	6	15	7	71



Name of Judge and Sign: Ashok Katkar Ashok...

2. Name of Judge and Sign: B. D. Thorat B.D.



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Project Competition Report (2022-23)

Department of Civil Engineering

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





RajgadDnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Date: 25/09/2022

NOTICE

All the students of Civil Engineering department are hereby informed that project & model making Competition-2022 is scheduled on the **30th September 2022**.

Students be present at the department with their models at 11:00am. Students are required to be in formal with identity card.

Prof. R. C. Divekar
Co-coordinator



Prof. S. P. Salunkhe

Head of Department

Head of Department

Dept. of Civil Engineering
Shri Chh. Shivaji Rajgad Dnyanpeeth's College of Engg.
Dhangawadi, Pune-412206



RajgadDnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

REPORT OF PROJECT & MODEL MAKING COMPETITION-2022

Department: Civil Engineering

Day & Date: Friday, 30.09.2022

Event Coordinator: Prof. R. C. Divekar, Faculty, RDTC, SCSCOE, Dept. of Civil Engg.

Objective:

The Main objectives of the project & Model Making competition were to enhance technical knowledge and competitiveness among students.

Description:

The “Project & Model Making Competition-2022” was conducted on the occasion of Engineer’s Day. The competition was held on institutional level, in the presence of Principal of RDTC, all HODs of respective departments, faculty members and students. Total 15 groups were participated for this Project Competition. Mr.Sangramdada Thopte MLA,Executive President is the Chief Guest of this Technical Event. The final evaluation process completed by jury members and finalized the Three groups as 1st rank , 2nd rank and 3rd rank.

Result of Project & Model Making Competition Event A.Y. 2022-23

Sr. No.	Name of Students	Project Title	Class	Rank
1	1. Manavi Bharekar 2. Durgesh Lambe	Dam	T. E. Civil	1 st
2	1. Tanmay Bhargude 2. Sainath Ghadage 3. Narendra Rajput 4. Simran Chavan	Suspension Bridge	S. E. Civil	2 nd
3	1. Manoj Kukade 2. Ganesh Taru 3. Sanket Jamdade 4. Kartik Tank	RDTC Model	B. E. Civil	3 rd

The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty member/members with under observation of respective departmental head.

Conclusion:

This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.



Photo 1: Students explaining Spillway Model



Photo 2: Students explaining RDTTC Model



Photo 3: Students explaining Suspension Bridge

R. C. Divekar

Prof. R. C. Divekar

Co-coordinator



S. P. Salunkhe

Prof. S. P. Salunkhe

Head of Department

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

S. B. Patil

Dr. S. B. Patil

Principal
Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412 205



RAJGAD DNYANPEETH'S
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
Gat .No-237, Pune Bangalore Highway, Dhangawadi, Tal-Bhor, Dist-Pune
(Maharashtra)

Department of Civil Engineering

Sr.No.	Gr. No	Name of student	Class	Model Name	Guide Name
1	G1	Tanmay Bhargude	SE	Suspension Bridge	Prof.P.G.Gaikwad (7020354794)
2		Sainath Ghadage			
3		Narendra Rajput			
4		Simran Chavan			
5	G2	Aniket Shinde	TE	Line out	Prof.P.G.Gaikwad (7020354794) Prof.A.B.Pol (9359668093)
6		Ganesh Devrase			
7		Aditya Tupe			
8	G3	Prjwal Yadav	TE	Types of Footing	Prof.A.B.Pol (9359668093)
9		Sandesh Tupe			
10	G4	Megha Pangare	TE	Development of housing scheme	Prof.K.R Juare (9405818140) Prof.P.J.Gaikwad (9623701963)
11		Ketan Rajiwade			
12	G5	Manavi Bharekar	TE	Dam	Prof.G.S.Yadav (8975585872) Prof.R.C.Divekar (9022527161)
13		Duegesh Lambe			
14	G6	Pratibha Powar	TE	Load bearing Structure	Prof.P.J.Gaikwad (9623701963) Prof.R.C.Divekar (9022527161)
15		Sainath Kendre			
16	G7	Apurva More	TE	Water Supply System	Prof.G.S.Yadav (8975585872) Prof.R.C.Divekar (9022527161)
17		Vivek Jagtap			
18		Sonali Thorave	TE	Types of	Pfor.A.B.Pol



19	G8	Kartik Karme		Trusses using Ice cream sticks	(9359668093) R.C.Divekar (9022527161)
20	G9	Sandhya Ranjane	TE	Spillway	Prof.P.J.Gaikwad (9623701963)
21		Vijaya Sabale			
22	G10	Sanika Pisal	TE	Drip Irrigation	Pfor.A.B.Pol (9359668093) Prof.P.J.Gaikwad (9623701963)
23		Tejas Survase			
24	G11	Sunanda Shinde	TE	Phytorid based sewage treatment plant	Pfor.A.B.Pol (9359668093) Prof.G.S.Yadav (8975585872)
25		Pooja satish Madam			
26	G12	Ketan Jain	BE	Circular Runway	Prof.S.S.Jadhav (7249600103)
27		Mayuresh Koli			
28		Tushar Anbhore			
29		Snehal Pisal			
30	G13	Roshan Chavan	BE	Earthquake Sensors	Prof.S.P.Salunkhe (962312142)
31		Sayali Pawar			
32		Puja Bhandalkar			
33	G14	Rutuja Kale	BE	Modes of Transportation	Prof.S.K.Bhosale (7709552028)
34		Vaibhav Lokhande			
35		Sourabh Kshirsagar			
36		Omkar Mohite			
37	G15	Monika Shilimkar	BE	Floating House	Prof.K.R.Juare (9405818140)
38		Aditya Shinde			
39		Atish Pharande			

R. Divekar
Coordinator



[Signature]
HOD

Head of Department
Dept. of C.E. Engineering
Shri Chh. Shivaji College of Engg
Dhangawadi, Pune-412206

Principal



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

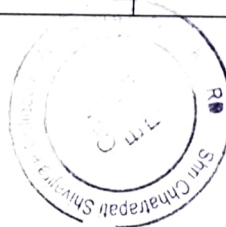
Gat No. 237, Pune Bangalore Highway, Dhangawadi, Tal - Bhor, Dist- Pune (Maharashtra)

PROJECT COMPETITION 2022-2023

DEPARTMENT OF CIVIL ENGINEERING

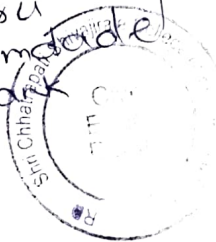
EVALUATION SHEET

Gr. No.	Project Title	Name of the Students	Innovative Idea in Topic (5)	Present ation (10)	Imple mentat ion (15)	Results (10)	Question Answer (10)	Total (50)
1	Suspension Bridge	Tanmay Bhargude	05	10	10	09	08	42
		Sainath Ghadage						
		Narendra Rajput						
		Simran Chavan						
2	Line out	Aniket Shinde	03	07	10	05	05	30
		Ganesh Devrase						
		Aditya Tupe						
3	Types of Footing	Prajwal Yadav	03	07	11	06	06	33
		Sandesh Tupe						
4	Development of housing scheme	Megha Pangare	04	08	12	06	05	35
		Ketan Rajiwade						
5	Dam	Manavi Bharekar	05	10	15	08	07	40 45
		Durgesh Lambe						
6	Load bearing Structure	Pratibha Powar	04	08	13	05	04	34
		Sainath Kendre						
7	Water Supply System	Apurva More	03	07	10	08	08	36
		Vivek Jagtap						



8	Types of Trusses using Ice cream sticks	Sonali Thorave	04	06	12	05	05	32
		Kartik Karme						
9	Spillway	Sandhya Ranjane	05	12	10	08	05	40
		Vijaya Sabale						
10	Drip Irrigation	Sanika Pisal	03	07	10	05	05	30
		Tejas Survase						
11	Phytorid based sewage treatment plant	Sunanda Shinde	03	07	11	06	06	33
		Pooja satish Madam						
12	Circular Runway	Ketan Jain	03	07	14	04	04	32
		Mayuresh Koli						
		Tushar Anbhore						
13	Earthquake Sensors	Snehal Pisal	04	10	10	06	01	31
		Sayali Pawar						
		Puja Bhandalkar						
14	Modes of Transportat ion	Rutuja Kale	04	08	12	05	03	32
		Vaibhav Lokhande						
		Sourabh Kshirsagar						
15	Floating House	Omkar Mohite	03	08	09	04	04	28
		Aditya Shinde						
		Atish Pharande						

16 RDTC Model
 Manoj Kekade 05
 Ganesh Tasa 06
 Sanket Jamdade 10
 Kartik Tark 05
 05
 05
 41



R. C. Divekar
 Prof. R. C. Divekar
 Dept. Event Coordinator



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Project Competition Report (2022-23)

Department of Mechanical Engineering

Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati 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 (Maharashtra)

Department of Mechanical Engineering

Date: 25/09/2022

NOTICE

All the students of Mechanical Engineering are hereby informed that project competition is arranged on the date of **Friday, 30th Sep 2022**. The students are requested to register for the same.

Venue: Department of Mechanical Engineering

Time: 11.00 pm to 05.00 pm

Prof. Lahu P. Maskepatil

Event Co-coordinator

Prof. Dr. S.K. Pawar

Head of Department

Head of Department

Dept. of Mechanical 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

Department of Mechanical Engineering

Date: 03- 04- 2023

INVITATION LETTER

To,
Mr. Sangram Laxman Awale
Entrepreneur. Agro sales & Marketing
Pune

Dear Sir,

On the behalf of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering Dhangawadi, department of mechanical engineering, we will be honored to have a person of your repute as one of the judges for project competition.

As per discussion, we have organized project competition for mechanical Engineering students on 10/4/2023.

Please let us know the availability and acknowledge the same.

Best wishes.

Prof I. P. Maskenatil
Event Coordinator

Prof Dr S K Pawar
H.O.D.

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





Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING, PUNE
DEPARTMENT OF MECHANICAL ENGINEERING
Registration for Project competition 2022-23

A.Y. 2022-23

Gr. no.	Project Title	Project participants	Class
1	Oil skimmer	Sagar R Chavan	B.E. (Mech)
		Tushar S Patil	B.E. (Mech)
		Aniket G Biradar	B.E. (Mech)
		Shaikh Assad Gaffar	B.E. (Mech)
2	Design & development of pneumatic drilling machine	Pandurang N Bhalghare	B.E. (Mech)
		Abhishek g Bendre	B.E. (Mech)
		Swapnil D Algude	B.E. (Mech)
		Omkar B Chavan	B.E. (Mech)
3	Compressor less Portable Solar refrigerator	Rushikesh Pravin Ingulkar	B.E. (Mech)
		Somnath A Gade	B.E. (Mech)
		Atish Sayaji Ghadage	B.E. (Mech)
		Kewal Yuvraj Devkar	B.E. (Mech)
4	Automatic tyre inflation system	Saurabh Sanjay Devlekar	B.E. (Mech)
		Yash Santosh Bhosale	B.E. (Mech)
		Pooja Ashish Shaha	B.E. (Mech)
		Shedge Vishal	B.E. (Mech)
5	Design and manufacturing of Fixture for angular drilling	Sawant Rahul R	B.E. (Mech)
		Sapkal Tushar D	B.E. (Mech)
		Sarak Pravin A	B.E. (Mech)
		Shinde Abhijeet R	B.E. (Mech)
6	Automatic Braking system for passenger vehicle	Sachin M Naik	B.E. (Mech)
		Sanket V Pandit	B.E. (Mech)
		Suhas Mohan Mane	B.E. (Mech)
		Nikalaje Suraj R	B.E. (Mech)
7	Mobile operated Screw Jack	Ajinkya S Babar	B.E. (Mech)
		Suraj V Jagtap	B.E. (Mech)
		Siddhartha R Kamble	B.E. (Mech)
		Shubham C Nalawade	B.E. (Mech)
8	Design of brake pad on effect of hard particle present.	Shambhuraje D Bhosale	B.E. (Mech)
		Avadhut A Bobade	B.E. (Mech)
		Kiran R Jadhav	B.E. (Mech)
9	Material Handling equipment	Anjali Veer	T.E. (Mech)
		Mansi Bhargude	T.E. (Mech)
		Rucha zagade	T.E. (Mech)
10	Hydraulic cutting machine	Sakshi Dighe	S.E. (Mech)
		Siddhi Yadav	S.E. (Mech)
		Aditi Pharande	S.E. (Mech)

Event Coordinator
Prof. Lahu P. Maskepatil



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

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

REPORT OF EVENT PROJECT COMPETITION-2022-23

Department: Mechanical Engineering

Day & Date: Friday, 30.09.2022

Judges: Mr. S.L.Awale, Mr.S.A.Chavan, Pune

Event Coordinator: Prof.Lahu P. Maskepatil, Dept. of Mechanical Engineering

Objective:

The Main objectives of the project competition were to enhance technical knowledge and competitiveness among students.

Description:

The "Project Competition-2022-23" was arranged in the presence of Principal of RDTC, HOD of department and all Faculties of respective departments and students. Total 10 project groups were participated for this Project Competition. There were three members in the jury committee including Judge, Mr.S.A.Awale, Mr.S.A.Chavan and Event & Event Coordinator Prof.L.P.Maskepatil. The final evaluation process completed by jury members and finalized the 2 (Two) groups as 1st rank and 2nd rank.

Result of Project Competition Event A.Y. 2022-2023

Gr. No.	Name of Students	Project Title	Class	Rank
1	Rushikesh P.Ingulkar Somnath A Gade Atish Sayaji Ghadage Kewal Yuvraj Devkar	Compressor less solar refrigerator	B.E. (Mech)	Winner
2	Sagar R Chavan Tushar S Patil Aniket G Biradar Shaikh Assad Gaffar	Oil Skimmer	B. E. Mech	Runner up

Finally, award ceremony program was conducted on 30th September 2022 from 3.00 pm to 5:00 pm and announced the name of winner teams of innovative projects with rank certificates were distributed to the students with blessings of the chief guest and principal of Institute.

The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty member/members with under observation of respective departmental head. The student was presented projects with running condition and different modules according to their application of projects.

Conclusion:

This competition has provided a platform to the budding engineers to showcase their creative and innovative project ideas to compete in the global competitive engineering field.



Event Photos:





Prof. Lahu P. Maskepatil

Event Coordinator


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

HOD


Prof. Dr. S. B. Patil

Principal



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Project Competition Report (2022-23)

Department of E&Tc Engineering

Principal

Rajgad Dnyanpeeth's
Shri Chhatrapati 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 (Maharashtra)

Department of E&TC Engineering

Date: 05/04/2023

NOTICE

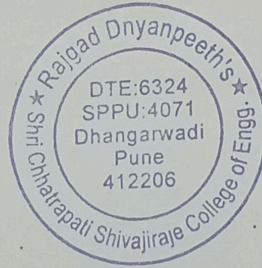
All the students of E & TC Engineering are hereby informed that project competition is arranged on the date of **Friday, 10th April 2023**. The students are requested to register for the same.

**Venue: Department of E & TC Engineering
Room No.316**

Time: 11.00 pm to 05.00 pm

Prof. Sandeep R.Nalage

Event Co-coordinator



Prof. T.M.Dudhane

Head of Department



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

INVITATION LETTER

Subject: Invitation Letter for Project Exhibition Program.

Dear Sir/Mam,

It is an honor for us to have a privilege to invite you to Project Exhibition and Poster Presentations. The venue for the exhibition is E & TC Department. The exhibition will be held on 30/09/2022. The timings for the exhibition are 11:00AM to 4:00PM.

We will be pleased to see your presence at the exhibition.

Respectfully Yours,

Thanking You.

Yours truly,

Event Coordinator

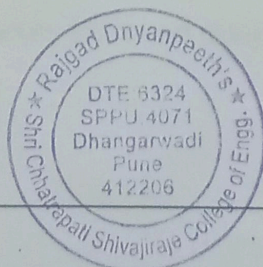
Prof.T.M.Dudhane

HOD E&TC

Prof. Dr. S. B. Patil

Principal

Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhangawadi, Pune-412 205





Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Report on Electronics Project Exhibition & Poster Presentation.

Date: 30/09/2022

Event: Project Exhibition

Time: 11.00AM to 4:00PM

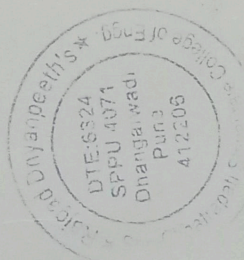
Venue: E & TC Department

The Electronics & Telecommunication Department organized project exhibition & Poster Presentation on 30 September 2022 in pathway of E & TC Depart. The main objective of organizing such an exhibition is to make the learning process effective and efficient with hands-on experience for the students. The exhibition provides a good platform for students to showcase their talents and receive suggestions from other experts.

The exhibition was organized by the Students of Second year, Third year & Final year of E & TC Department. There were a total of 16 working projects on display, during the event. All the projects were mentored and guided by the faculty members of the department. The students demonstrated the working of their projects to the visitors. The following is the list of a few projects exhibited during the event:

Following is the list of a few projects exhibited during the event.

Sr.No.	Project Name	Year
1.	Library Management System	BE ENTC
2.	Home automation using PIC	TE ENTC
3.	Electrical Vehicle Monitoring System	TE & BE ENTC
4.	Water level Indicator & Controller	TE ENTC
5.	UV Sterilizer	TE ENTC
6.	Home Automation using Bluetooth	BE ENTC
7.	Voice Based Notice Board system	BE ENTC
8.	Finger print Bank locker system	TE ENTC
9.	Women & Old age People safety device	TE ENTC
10.	Energy storage System using Super Capacitor Bank	TE ENTC



The faculty members and students from other departments visited the exhibition and encouraged the students by interacting with them. The students of E & TC from the junior classes visited the exhibition and interacted with the senior students. All the faculty members of the department were present during the exhibition and provided guidance to the students for the successful execution of the program.

This exhibition succeeded in giving an overview of practical applications of Solar systems, Security systems, microcontrollers, especially Arduino and RaspberryPi devices in various domains. The event motivated the first and second year students to take up the project work seriously and to bring in more innovations.



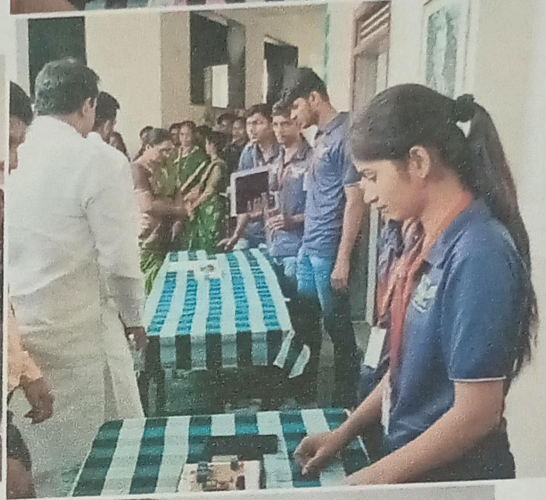
Inauguration by Chief Guest Hon. Shree. Sangram Thopate Sir , Principal Dr.S.B. Patil, Estate Manager Mr. Khamkar Sir, HOD of E & TC Depart. Prof. T.M. Dudhane and all E& TC Staff.



Sarsvati Poojan By Chief guest Hor. Sangram Thopate



BE E&TC students give their project information to Chief guests



Projects by SE, TE, BE students



E & TC Dept. Staff & Students

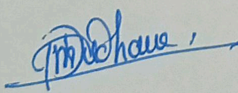


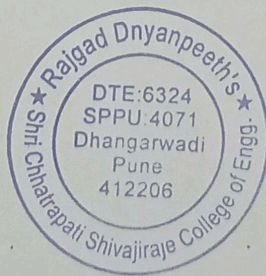
SE ENTC Students And Staff

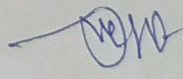


SE ENTTC Students

The E & TC Department expresses sincere thanks to the management for providing the opportunity and support to organize this event.


Prof. T. M. Dudhane
HOD (E&TC)




Dr. S. B. Patil
Principal
Rajgad Dnyanpeeth's
Shri Chhatrapati Shivajiraje College of Engg.,
Dhanganwadi, Pune-412 205