



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Criteria 3: Research, Innovations and Extension

Key Indicator – 3.3 Research Publications and Awards

3.2.1 Institution has created an ecosystem for innovations including incubation center and other initiatives for creation and transfer of knowledge (5)

Index

| Sr. No. | Name of Activity |
|---------|------------------------------|
| 1 | Nirmal Techfest Event Report |
| 2 | Project Competition Report |



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

**NIRMAL
TECHFEST
EVENT
REPORT**

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

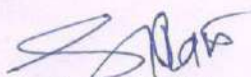
NOTICE

Date: 8/3/2017


All Students are hereby informed that NIRMAL TECHFEST 2K17 is arranged by our Institute on 16th & 17th March 2016. Interested students of SE/TE/BE can submit their names to Departmental Event Coordinator for following Events before 14/3/2017. Special Prize for Winners. Certificate of Participation is given to all participants.

| Event Name | Participation Fees | Co-ordinator |
|----------------------|--------------------|------------------------|
| 1)Poster Competation | Rs 50/- | Prof. K.R. Suryawanshi |
| 2)Canava Strike | Rs 50/- | Prof. O.S.Patil |
| 3) Structure Hunt | Rs 50/- | Prof. S.R.Sutar |

NOTE: Rules and regulations should be given by respective Co-Coordinator of event.


Prof. S.R.Sutar

Event Coordinator


Prof. G. S. Jadhav

HOD

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



Dr. Prof. S. B. Patil

Principal

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)

Report on 'NIRMAL TECHFEST 2k17'

Department: Civil

Title of Event : Nirmal Techfest 2k17

Date : 16th & 17th March 2017

Students Present:150

Duration: 2 Days

Event Coordinator :Prof. S. R. Sutar

Objective:

Technical Fest plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. It is not just about the competitions but also an event where a lot of those new ideas are seen live and learn more and be inspired.

Description:

Department of Civil arranged various events:

- 1) Poster Competition
- 2) Structure Hunt
- 3) Canavas strike

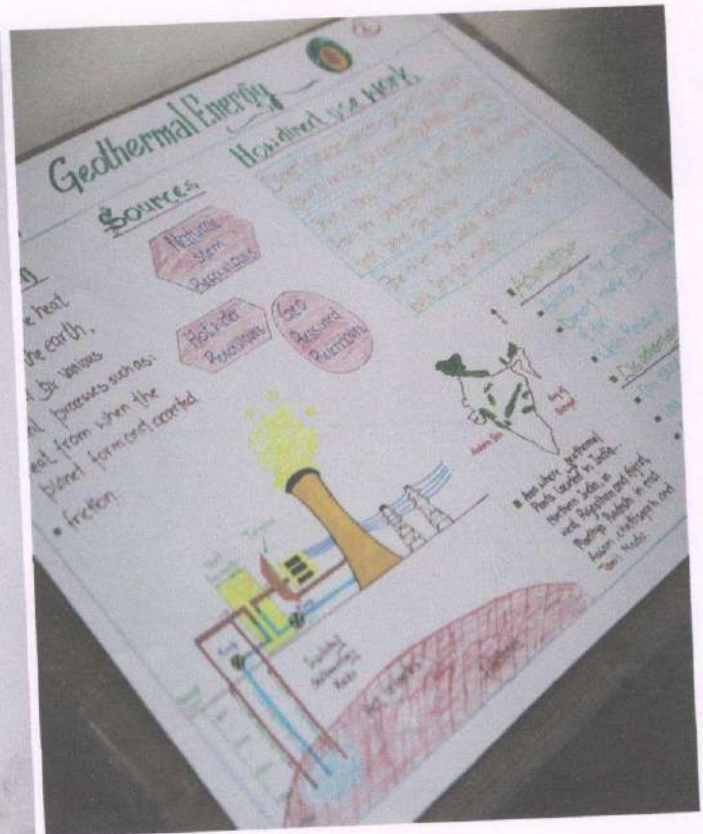
Students participated actively in their interested events and tried their best to increase the competency of Event. Students of other collages also participated in events and explore their knowledge. This Tech fest was very useful to guide young engineers in such efficient manner that the innovators in them take life again. To encourage young talent, winners are awarded with excellent prizes.

Conclusion:

Nirmal Techfest is found to be very zealous event that bring the bright minds together in a pool so that their ideas can be mixed together to provide a solution for an existing substantial problem in the nation or world



Welcome function of guest to program



Poster competition at civil department



Structure hunt competition



Canvas strike competition

Prof. S. R. Sutar

Event-coordinator



Prof. G. S. Jadhav

HOD

Head of Department
Dept. of Civil 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 (Maharashtra)

Department of Civil Engineering

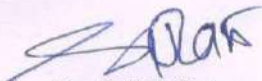
NOTICE

Date: 6/3/2016

All Students are hereby informed that NIRMAL TECHFEST 2K16 is arranged by our Institute on 18th & 19th March 2016. Interested students of SE/TE/BE can submit their names to Departmental Event Coordinator for following Events before 16/3/2016. Special Prize for Winners. Certificate of Participation is given to all participants.

| Event Name | Participation Fees | Co-Cordinator |
|-------------------|--------------------|------------------------|
| 1) Iconic Civil | Rs 50/- | Prof. K.R. Suryawanshi |
| 2) N-360 | Rs 50/- | Prof. O.S.Patil |
| 3) Structure Hunt | Rs 50/- | Prof. S.R.Sutar |

NOTE: Rules and regulations should be given by respective Co-Coordinator of event.



Prof. S.R.Sutar

Event Coordinator

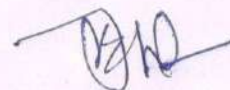


Prof. G. S. Jadhav

HOD

Head of Department

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



Dr. Prof. S. B. Patil

Principal

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)

Report on 'NIRMAL TECHFEST 2k16'

Department: Civil

Title of Event : Nirmal Techfest 2k16

Date : 18th & 19th March 2016

Students Present:100

Duration: 2 Days

Event Coordinator :Prof. S. R. Sutar

Objective:

Technical Fest plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. It is not just about the competitions but also an event where a lot of those new ideas are seen live and learn more and be inspired.

Description:

Department of Civil arranged various events:

- 1) ICONIC CIVIL
- 2) N-360,
- 3) Structure hunt,

Students participated actively in their interested events and tried their best to increase the competency of Event. Students of other collages also participated in events and explore their knowledge. This Tech fest was very useful to guide young engineers in such efficient manner that the innovators in them take life again. To encourage young talent, winners are awarded with excellent prizes.

Conclusion:

Nirmal Techfest is found to be very zealous event that bring the bright minds together in a pool so that their ideas can be mixed together to provide a solution for an existing substantial problem in the nation or world.

Photos during Event:



Competition arranged by Civil Department



Principle and guests visit during event

Prof. S. R. Sutar

Event-coordinator



Prof. G. S. Jadhav

HOD

Head of Department
Dept. of Civil 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 (Maharashtra)

Department of Civil Engineering


NOTICE

Date: 17/2/2014

All Students are hereby informed that NIRMAL TECHFEST 2K14 is arranged by our Institute on 24th & 25th Feb 2014. Interested students of SE/TE/BE can submit their names to Departmental Event Coordinator for following Events before 21/2/2014. Special Prize for Winners. Certificate of Participation is given to all participants.

| Event Name | Participation Fees | Coordinator |
|-------------------|--------------------|-------------------|
| 1) Iconic Civil | Rs 50/- | Prof. S. R. Sutar |
| 2) N-360 | Rs 50/- | Prof. S. R. Sutar |
| 3) Structure Hunt | Rs 50/- | Prof. S. R. Sutar |

NOTE: Rules and regulations should be given by respective Co-Coordinator of event.


Prof. S. R. Sutar

Event Coordinator



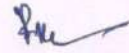
Prof. G. S. Jadhav

HOD

Head of Department

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





Dr. Prof. S. B. Patil

Principal
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)

Report on 'NIRMAL TECHFEST 2k14'

Department: Civil

Title of Event : Nirmal Techfest 2k14

Date : Monday – Tuesday -24th to 25th Feb. 2014

Students Present: 100

Duration: 2 Days

Event Coordinator : Prof. S. R. Sutar

Objective:

Technical Fest plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. It is not just about the competitions but also an event where a lot of those new ideas are seen live and learn more and be inspired.

Description:

Department of Civil arranged various events:

- 1) Poster Competition
- 2) Structure Hunt
- 3) AutoCAD competition

The annual inter college technical festival(Nirmal Techfest) was organized on 24th and 25th Feb.2014. Students participated actively in their interested events and tried their best to increase the competency of Event. Students of other collages also participated in events and explore their knowledge. This Tech fest was very useful to guide young engineers in such efficient manner that the innovators in them take life again. To encourage young talent, winners are awarded with excellent prizes.

The inaugural session started at 9.30am on 24/02/2014 with brief introduction about the techfest by Prof. Dr. R. L. Khandagale, Principle RDTC- SCSCOE.

Conclusion:

Nirmal Techfest is found to be very zealous event that bring the bright minds together in a pool so that their ideas can be mixed together to provide a solution for an existing substantial problem in the nation or world.

Event photos:

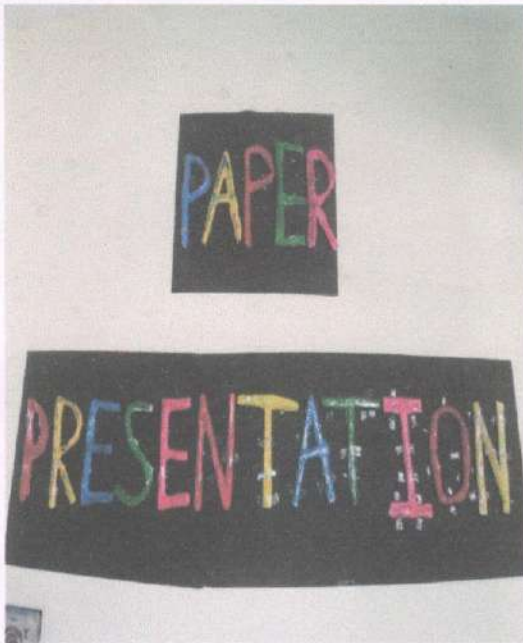
Memories of events are as follow.



AutoCAD Competition



Structure Hunt



Poster presentation



Event- Coordinate



HOD

Head of Department
Dept. of Civil 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 (Maharashtra)

PROJECT COMPETITION REPORT

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

REPORT OF EVENT PROJECT COMPETITION-2017

Department: Civil Engineering

Day & Date: Friday, 17.03.2017

Chief Guest: Mr. Nitin Kadam, Director, Disha Academy, Wai.

Event Coordinator: Prof. G. S. Jadhav, HOD, Dept of Civil Engg.

Departmental Event Coordinator: Asst. Prof. S. P. Salunkhe

Objective:

The Main objectives of the project competition were to improve quality of life of people, improving environment and contributing to economic development of nation.

Description:

The "Project Competition-2017" was opened by Mr. Nitin Kadam, Director, Disha Academy, Wai in the presence of Principal of RDTC, all HODs of respective departments, faculty members and students. Total 15 project groups were for this Project Competition. There were four members in the jury committee. 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. 2016-17

| Gr. No. | Name of Students | Project Title | Class | Rank |
|---------|--|--|-------------|-----------|
| 1 | Dheeraj Jagtap, Chetan Baviskar, Prasanna Nalavade, Manasi Jarad | Design of traffic control system | B. E. Civil | Winner |
| 2 | Sunil Rathod, Swati Bhokare, Aniket Shivtare, Swapnil Sathe, Pradeep Dhivar | Comparative pushover analysis of RCC, Steel and Composite high rise building (g+11) by using ETABS | B. E. Civil | Runner up |

Finally, award ceremony program was conducted on 17th March 2017, from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank

Certificates were distributed to the students with blessings of the chief guest and principal of RDTC.

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 students will prepare a proposal for getting fund for prototype development of their projects along with detail description of their proposed project, outline of project work and approximate costing of the proposed project. The prepared proposal will be submitted to the event coordinate for further procedure.

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.

The following photographs show the sweet memories of this event.



Students manifesting the guests their projects



Students explaining their Projects and interaction with Guests

Prof. G. S. Jadhav
Event Coordinator

Prof. Dr. S. B. Patil

Principal
Principal

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



Event Name: Project competition

Event Date-17 March 2017

Venue-

1. Dept. of Civil engineering:-Drawing hall-
2. Dept. of Mechanical engineering:- Drawing hall-
3. Dept. of Computer engineering:- Computer central lab
4. Dept. of E & Tc engineering:- Drawing hall-

Topic/Themes: B.E project respective branches

Rules Regulations & Details:

1. Participant – as per group
2. Entry Fee Per Group – 250/-
3. Project should be present in form of model or PPT
4. Duration-10 min.

Prizes: 1st Prize – 1000/-

Event Coordinator – Prof G. S. Jadhav (HOD, Dept of Civil Engg)

Department wise Event Coordinator –

Asst. Prof. S. P. Salunkhe
Asst. Prof. D.U. Dalvi
Asst. Prof. A. S. Sonkar
Asst. Prof. J. P. Borude

Civil
E&TC
Computer
Mechanical



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Department of Computer Engineering

Date:09/04/18

Notice

Project Competition

All BE Students are hereby informed that your Project Competition is on **13 April 2018** before that you have to complete your project and paper. The participations mandatory for all students.


Prof. S. M. Jadhav

Coordinator


Prof. M.B. Wagh

HOD



SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

REPORT OF PROJECT COMPETITION (2017-2018)

Department: - Computer Engineering

Day & Date: - Friday 13/04/2018

Chief Guest:- Prof.B.B.Bhusare, Assistance Professor, Navsahyadri Group Of Institutes
Nasarapur, Pune

Departmental Event Coordinator:- Prof. S. M. Jadhav

Objectives:

The main objectives of the project competition were to improve quality of life of people, improving environment and contributing to economic development of nation.

Description:

Competitions play a role in motivating students to perform and excel and offer a lot more reward. Competitions offer a chance for participants to gain substantial experience, showcase skills, analyze and evaluate outcomes and uncover personal aptitude. Competitions also encourage students to adopt innovative techniques and develop their ideas and skills.

The “Project Competition – 2018” was opened by Prof. B.B.Bhusare, Assistance Professor, Navsahyadri Group Of Institutes, Nasarapur, Pune, in the presence of HOD, Faculty members and students. Total 07 Project groups were for this project competition. There were four members in the jury committee. The Final evaluation process completed by jury members and finalized the 2 (two) groups as 1st rank and 2nd rank

Finally award ceremony program was conducted on 13th April 2018 from 3.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank certificates were distributed to the students with blessings of chief guest and principal of RDTC.

The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty/ members with under observation of respective departmental head. The students will prepare a proposal for getting fund for prototype development of their projects along with detail description of their proposed project, outline of project work and approximate costing of proposed project. The prepared proposal will be submitted to event coordinator for further procedure.



Result of Project Competition Event A.Y. 2017 – 18

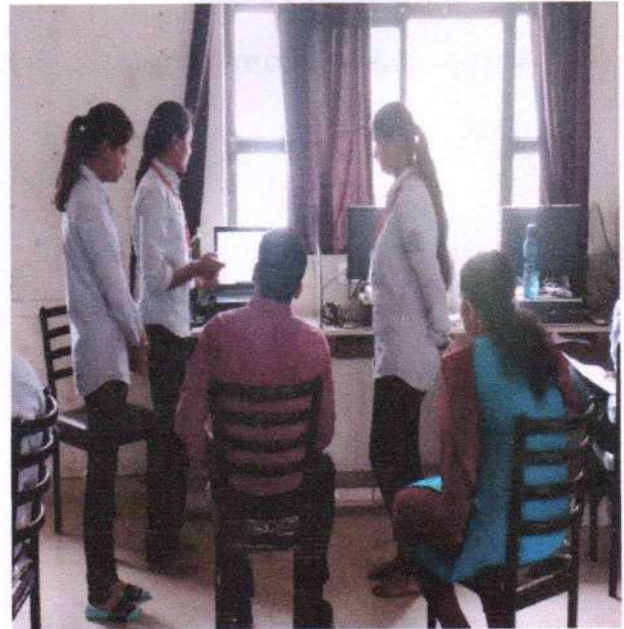
| Sr. No. | Name of the Students | Project Title | Class | Rank |
|---------|--|---|-------|-----------|
| 1 | Bathe Pooja Prashant Malusare Sonali Anil Kolpe Monika Dilip | Online Chatting System For College Enquiry Using Knowledgeable Database | B. E. | Winner |
| 2 | Khatpe Akshay Prakash Roman Pranita Dattatrey Theukar Supriya Suresh | Improved Zone Based Routing Protocol For Manet | B. E. | Runner Up |


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.

The following photographs show the sweet memories of this event.

Event Photos:




Prof. S. M. Jadhav
Event Coordinator


Prof. M. B. Wagh
HOD



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Date: 09/04/2018

To,
Prof.B.B.Bhusare,
Assistance Professor,
Navsahyadri Group Of Institutes
Nasarapur, Pune

Subject: Invitation as a Judge for Departmental "Project Competition "dated on

Friday, 13/04/2018

Dear Sir,

It is to bring to your kind notice that Rajgad Dnyanpeeth's (SCSCOE),Bhor, Pune is organizing a Departmental "Project Competition" dated on Friday, 13/04/2018 B. E. Computer of our Institute.

It is to request you to kindly spare your services to be of help for us in the conduct of the proposed Project Competition.

Please, accept this invitation and reply positively.

Thanking You,

Yours truly,


Prof. S. M. Jadhav

Coordinator


Prof. M. B. Wagh

HOD

Received
BBBhusare



Project Competition 2017-18 Attendance

Date: 13/04/18

| Group ID | Name of Student | Project Title | Project Domain | Language/platform | Sign |
|----------|----------------------------|---|------------------------------|--------------------|----------------------|
| BE_17_01 | M.P Shalimath Nasali | Intelligent Vehical Parking Allotment System | Networking And Communication | Java, Android | <i>M.P Shalimath</i> |
| | Dubbal Gazala Parveen A.M | | | | <i>Dubbal</i> |
| | Gavahane Ketki Dattatray | | | | <i>GK</i> |
| | Bhosale Akshay Prashant | | | | <i>Bhosale</i> |
| BE_17_02 | Khatpe Akshay Prakash | Improved Zone Based Routing Protocol For Manet | Networking | Java, Ide Netbeans | <i>Akshay</i> |
| | Roman Pranita Dattatrey | | | | <i>Roman</i> |
| | Theukar Supriya Suresh | | | | - |
| BE_17_03 | Bathe Pooja Prashant | Online Chatting System For College Enquiry Using Knowledgeable Database | Ai, Database | Java | <i>Bathe</i> |
| | Malusare Sonali Anil | | | | <i>Malusare</i> |
| | Kolpe Monika Dilip | | | | <i>Monika</i> |
| BE_17_04 | Kamthe Chaitali Rajendra | Cyberbullying Detection And Prevention | Cyber Security | Java | <i>Kamthe</i> |
| | Kadam Aishwarya Mahesh | | | | <i>Kadam</i> |
| | Awade Milind Shravan | | | | <i>Awade</i> |
| BE_17_05 | Jagtap Manoj Shivajirao | Hazard Reporting | Android | Java, Android Sdk | <i>Jagtap</i> |
| | Pawar Harshal Ramesh | | | | <i>Pawar</i> |
| | Sadekar Mayuri Bindumadhav | | | | <i>Sadekar</i> |
| | Mahangre Mayura Suryakant | | | | <i>Mahangre</i> |



Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

Date: 13/04/2018

To,
Prof.B.B.Bhusare,
Assistance Professor,
Navsahyadri Group Of Institutes
Nasarapur, Pune

Subject: Expression of Gratitude...

Dear Sir,

This is an appreciation for your valuable time and interest in Hands on Judge for Departmental "Project Competition dated on 13/04/2018 for students of B. E. Computer of our Institute.

We are very thankful to you for sharing your valuable knowledge and sparing time to guide our staff and student. Hope you will extend your cooperation in future also.

Thanking you,

Received
BBBhusare.



for
M.B. Wagh
Prof. M. B. Wagh
HOD, Computer Engineering

Score Sheet Project Competition 2017-18

| Sr No. | Name of Student | Project Title | scope of work(10) | Current literature (10) | Cost analysis (15) | Innovative, creativity (15) | Total out of 50 |
|--------|---|---|-------------------|-------------------------|--------------------|-----------------------------|----------------------|
| 01 | M.P Shalimath Nasali Dubbal Gazala Parveen A.M Gavahane Ketki Dattatray Bhosale Akshay Prashant | Intelligent Vehical Parking Allotment System | 7 | 7 | 10 | 10 | 34 |
| 02 | Khatpe Akshay Prakash Roman Pranita Dattatreya Theukar Supriya Suresh | Improved Zone Based Routing Protocol For Manet | 7 | 8 | 11 | 11 | 37 → 2 nd |
| 03 | Bathe Pooja Prashant Malusare Sonali Anil Kolpe Monika Dilip | Online Chatting System For College Enquiry Using Knowledgeable Database | 8 | 8 | 12 | 12 | 40 → 1 st |
| 04 | Kamthe Chaitali Rajendra Kadam Aishwarya Mahesh Awade Milind Shravan | Cyberbullying Detection And Prevention | 6 | 6 | 10 | 10 | 32 |
| 05 | Jagtap Manoj Shivajirao Pawar Harshal Ramesh Sadekar Mayuri Bindumadhav Mahangre Mayura Suryakant | Hazard Reporting | 5 | 5 | 8 | 8 | 26 |

Anushka
Event Coordinator



Rahul
Project Coordinator

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

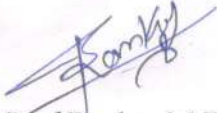
Department of Mechanical Engineering

Date: 02/04/2018

Notice

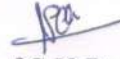
Project Competition 2018

All the Students of Final Year Mechanical Engineering are hereby informed that project competition will be held on **16th April 2018** in Hall No. 005. Event will start at 10 AM. Those students are interested for competition can register their names to Event Coordinator.



Prof. Bankar M.B.

Event Coordinator



Prof. S.K. Pawar

HOD

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 – Bhore, Dist- Pune (Maharashtra)

REPORT OF EVENT PROJECT COMPETITION 2017-2018

Department: Mechanical Engineering

Day & Date: Friday, 16.04.2018

Chief Guest: Prof. S.N.Khan, JSPM Rajshri Shahu College of Engineering, Tathwade, Pune.

Event Coordinator: Prof. M.B.Bankar, Faculty, RDTC, SCSCOE, Dept. of Mechanical Engg.

Objective:

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

Description:

The "Project Competition-2018" was opened by Prof.S.N.Khan in the presence of Principal of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, All HODs of respective departments, faculty members and students. Total 12 project groups out of 23 Project groups were participated for this Project Competition. There were four members in the jury committee including Judge S.N.Khan, HOD Prof.S.K.Pawar, Event Coordinator Prof. M.B.Bankar and departmental project coordinator Prof. J.P. Borude. The final evaluation process completed by jury members and finalized two groups as 1st rank as winner and 2nd rank as runner up.

Result of Project Competition Event A.Y. 2017-18

| No. | Name of Students | Project Title | Class | Rank |
|-----|---|--|------------|-----------|
| 1 | Ahire Vishal S. Shinde Akshay D. Shinde Narendra S Karande Kiran A | Experimental Investigation of Performance and Emission Testing of Sea Mango Seeds Oil Biodiesel in CI Engine | B. E. Mech | Winner |
| 2 | Babar Akshay V. Patel Akash B. Shivatare Sunny D Vetal Akshay S | Seat Belt Alert System with Ignition Control in Four Wheeler | B. E. Mech | Runner up |

Finally, award ceremony program was conducted on 16th April 2018, from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank certificates were distributed to the students with blessings of the Judge and principal sir.




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.


The following photographs show the sweet memories of this event.

Event Photos:




Asst. Prof. M.B. Bankar
Event Coordinator


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


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



Department of Mechanical Engineering

Date: 03/04/2018

INVITATION LETTER

To,
Prof. S.N.Khan
JSPM, Rajshri shahu College of Engineering,
Tathwade, Pune.

Subject: Invitation for project competition as Judge to be held on 16th April. 2018.

Dear Sir,

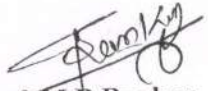
It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Department of Mechanical Engineering has scheduled Project competition on 16th April 2018 for students of our department.

It gives us great pleasure to invite you as a Judge for above Competition.

Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,


Prof. M.B. Bankar
Event Coordinator

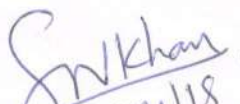



Prof. S. K. Pawar

HOD

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

Received


03/04/18

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

PROJECT COMPETITION (16/4/2018)

DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE OF PARTICIPANTS

| Group No. | Name of Students | Project title | Guide | Sign of Students |
|-----------|--------------------------|--|---------------------|---|
| 1 | AHIRE VISHAL SURESH | Experimental Investigation of Performance and Emission Testing of Sea Mango Seeds Oil Biodiesel in CI Engine | Prof. S. K. Pawar | Vishal SA Ashish Nanendra S. Karande |
| | SHINDE AKSHAY DATTARAO | | | |
| | SHINDE NARENDRA SAHEBRAO | | | |
| | KARANDE KIRAN ASHOK | | | |
| 2 | BARASKAR KRISHNA D. | Piezoelectric Energy Harvesting from Tire Pressure | Prof. S. K. Pawar | Krishnar N. Radhakrishnan Phakatkar Mahesh |
| | BUDGUDE NIKHIL GANESH | | | |
| | PHAKATKAR AJINKYA G. | | | |
| | PRAJAPATI MAHESH K. | | | |
| 3 | ANARASE TEJAS DILIP | Cylindrical configuration Robot | Prof. J. P. Borude | Tejas A Anup Poofat Sweta Bhushan Debnath Sagar Ganesh Dighe |
| | KHOPADE HRUSHIKESH J. | | | |
| | KHUTWAD POOJA DILIP | | | |
| | THORAT SWETA | | | |
| 4 | BARVE SWAPNIL H. | Design of Disc Brake Rotor by modified shape | Prof. J. P. Borude | Bhushan Debnath Sagar Ganesh Dighe |
| | DABADE SUSHANT K | | | |
| | VANE SAGAR B. | | | |
| | DIGHE GANESH RAMDAS | | | |
| 5 | PATIL ROHIT RAJENDRA | Design and Fabrication of Treadmill Bicycle | Prof. R. S Lavate | Rohit Sumit Parvate Prakash T Pranav Bangar Dawale Brahmani |
| | PAWAR SUMIT BHAUSO | | | |
| | PAWAR SURAJ JALINDAR | | | |
| | PISAL SURAJ ASHOK | | | |
| 6 | BANGAR PRANAV P. | Bridge Safety System Against Bridge Failure and Flood Over-flow | Prof. R. R. Biradar | Pranav Bangar Dawale Brahmani |
| | DHAWALE PRAVIN | | | |
| | MAHAMUNI RAVIRAJ DILIP | | | |



| | | | | |
|----|---------------------------|---|------------------------|-----------------------|
| 7 | WAYDANDE SAGAR | Power Transmission of Portable Sugarcane Harvesting Machine | Prof. R. S. Lavate | <i>Sagar</i> |
| | AGAWANE OMKAR SURESH | | | <i>Omkar</i> |
| | RAWALEKAR PRATIK SHEKHAR | | | <i>P. Rawalekar</i> |
| 8 | SAKURDE GAURAV POPATRAO | Cutter Mechanism for Portable Sugarcane Harvesting Machine | Prof. R. S. Lavate | <i>Sakurde G.P.</i> |
| | SHIRAWALE SATISH SHARAD | | | <i>S.S.</i> |
| | BHILARE TEJAS SHRIKRUSHNA | | | <i>Tejasi</i> |
| | BUDGUDE AKASH DHARMAJI | | | <i>Akash Dharmaji</i> |
| 9 | GIRE AKSHAY MAHADEV | Seat Belt Alert System with Ignition Control in Four Wheeler | Prof. L. P. Maskepatil | <i>Gire Akshay</i> |
| | SHINDE SWAGAT ANIL | | | <i>Shinde Swagat</i> |
| | BABAR AKSHAY VIJAY | | | <i>Akshay</i> |
| 10 | KUMKAR ANIKET DILIP | Automatic Animal Food Feeding Machine | Prof. D. B. Misal | <i>A. Kumkar</i> |
| | RAUT DATTATRAY BALIRAM | | | <i>Dattatray</i> |
| | SHINDE AKASH SHANKAR | | | <i>Akash</i> |
| | HIRAVE RAJENDRA LAXMAN | | | <i>Rajendra</i> |
| 11 | JADHAV AMOL JANARDHAN | Solar Operated Height Adjustable Grass Cutting Machine | Prof. S. B. Jadhav | <i>Jadhav Amol</i> |
| | JADHAV ROSHAN RAJENDRA | | | <i>Roshan</i> |
| | RAUT SUBODH SURESH | | | <i>Subodh Raut</i> |
| | KADAM GAURAV VILAS | | | <i>Gaurav</i> |
| 12 | BHALERAO AKSHAY ANANDA | Fabrication of Exercise Cycle for Physical Handicapped Patients | Prof. A. P. Sonawane | <i>A. P. Sonawane</i> |
| | TUSHAR MANOJ TARU | | | <i>Tushar</i> |
| | DIGHE AKSHAY LAXMAN | | | <i>Akshay</i> |
| | ZORE VAIBHAV PANDURANG | | | <i>V. Zore</i> |

M.B. Bankar
Prof. M.B. Bankar
Event Coordinator



S.K. Pawar
Prof. S.K. Pawar
HOD

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 (Maharashtra)

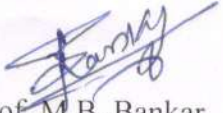
Department of Mechanical Engineering

Date: 01/03/2017

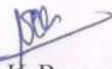
Notice

Project Competition 2017

All the Students of Final Year Mechanical Engineering are hereby informed that project competition will be held on **17th March 2017** in our mechanical department Hall No. 005. Those students are interested for competition can register their names to event coordinator Prof.M.B.Bankar.


Prof. M.B. Bankar
Event Coordinator




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

Department of Mechanical Engineering

REPORT OF PROJECT COMPETITION-2017

Department: Mechanical Engineering

Day & Date: Friday, 17.03.2017

Chief Guest: Entrepreneur and Engineer Mr.A.S.Kamthe, Kamthe Associate, Sangli.

Event Coordinator: Prof. M.B.Bankar, Faculty, RDTC, SCSCOE, Dept. of Mechanical Engg.

Objective:

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

Description:

The "Project Competition-2017" was opened by A.S.Kamthe, Kamthe Associate, Sangli in the presence of Principal of Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, all HODs of respective departments, faculty members and students. Total 15 project groups out of 31 Project groups were participated for this Project Competition. There were four members in the jury committee including Judge A.S.Kamthe, HOD Prof.S.K.Pawar, Event Coordinator Prof. M.B.Bankar and departmental project coordinator Prof. J.P. Borude. The final evaluation process completed by jury members and finalized two groups as 1st rank as winner and 2nd rank as runner up.

Result of Project Competition Event A.Y. 2016-17

| Gr. No. | Name of Students | Project Title | Class | Rank |
|---------|---|---|------------|------------------|
| 1 | Aishwarya S. Swami Abhilash A. Gaikwad Suraj P. Patil | Energy generation using magnetic laviation (MAGLAVE) turbine | B. E. Mech | Winner |
| 2 | Yogesh Y. Kadam Gaurav B. Kuchekar Kiran S. Shende | Solar assisted refrigeration system | B. E. Mech | Runner up |

Finally, award ceremony program was conducted on 17th March 2017, from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank certificates were distributed to the students in presence of the chief guest and principal.




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. The following photographs show the sweet memories of this event.

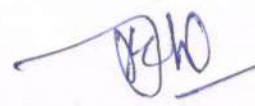
Event Photos:




Asst. Prof. M.B. Bankar
Event Coordinator




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


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

Shri Chhatrapati Shivajiraje College of Engineering

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Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



Department of Mechanical Engineering

Date: 01/03/2017

INVITATION LETTER

To,

Er. A.S. Kamthe,
Kamthe Associates,
Sangli, 416416

Subject: Invitation for project competition as a Judge held on 17th March 2017.

Dear Sir,


It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Department of Mechanical Engineering has scheduled Project competition on 17th March 2017 for students of Final Year Mechanical Engineering.

It gives us great pleasure to invite you as a Judge for above Competition.

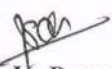
Please accept this invitation and acknowledge the same.

Thanking You,

Yours truly,

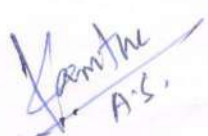

Prof. M.B. Bankar
Event Coordinator




Prof. S. K. Pawar

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

Received & Accepted


A.S.

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

PROJECT COMPETITION (17/03/2017)


DEPARTMENT OF MECHANICAL ENGINEERING

ATTENDANCE OF PARTICIPANTS

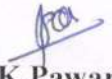
| S.N. | Name of Student | Project Topic | Guide | Sign |
|------|---------------------------|--|------------------------|--------------------|
| 1 | JADHAV SHRIKANT VIJAY | Plate Compactor | Prof. S. K. Pawar | <i>[Signature]</i> |
| | AWALE SANGRAM LAXMAN | | | <i>[Signature]</i> |
| | KAMALE ADITYA NANDKUMAR | | | <i>[Signature]</i> |
| | SHINDE RANJIT SATESH | | | <i>[Signature]</i> |
| 2 | ATOLE PRASHANT SUNIL | Bidirectional telescopic robot for spray painting | Prof. R. R. Biradar | <i>[Signature]</i> |
| | CHAUDHARI AKSHAY ANKUSH | | | <i>[Signature]</i> |
| | SARKALE SANKET YUVRAJ | | | <i>[Signature]</i> |
| | GAIKWAD VISHAL DATTATRAY | | | <i>[Signature]</i> |
| 3 | CHAVARKAR RATIK RAJENDRA | Spiral coil solar water heater | Prof. A. P. Sonawane | <i>[Signature]</i> |
| | KALE RAMNATH BAPURAO | | | <i>[Signature]</i> |
| | MANE VIJAY RAMESH | | | <i>[Signature]</i> |
| | SURASE MAHADEV KISAN | | | <i>[Signature]</i> |
| 4 | KADAM YOGESH YUVRAJ | Solar assisted refrigeration system | Prof. S. V. Ganorkar | <i>[Signature]</i> |
| | KUCHEKAR GAURAV BABASAHEB | | | <i>[Signature]</i> |
| | SHENDE KIRAN SUBHASH | | | <i>[Signature]</i> |
| 5 | SWAMI AISHWARYA SUBHASH | Energy Generation using magnetic laviation (MAGLAVE) turbine | Prof. L. P. Maskepatil | <i>[Signature]</i> |
| | GAIKWAD ABHILASH AVINASH | | | <i>[Signature]</i> |
| | PATIL SURAJ PUNDALIK | | | <i>[Signature]</i> |
| 6 | CHAVAN VAIBHAV VIJAY | Effective Techniques of preserving onion | Prof. L. P. Maskepatil | <i>[Signature]</i> |
| | MULE JAYESH KARBHARI | | | <i>[Signature]</i> |
| | SHIRKE ANIL VISHWANATH | | | <i>[Signature]</i> |
| | DHUMAL AKSHAY SUNIL | | | <i>[Signature]</i> |
| 7 | MHASKE AKASH YASHVANT | Semi automation of gear press machine | Prof. S. V. Jagatap | <i>[Signature]</i> |
| | NAVGHANE AMIT SONBA | | | <i>[Signature]</i> |
| | PARMAR SAGAR RAVINDRA | | | <i>[Signature]</i> |
| | PAWAR SHAMKANT ANIL | | | <i>[Signature]</i> |
| 8 | JADHAV VISHAL SHANKAR | Special purpose of poultry litter stirring machine | Prof. O. R. Girame | <i>[Signature]</i> |
| | KOLEKAR AJIT HANUMANT | | | <i>[Signature]</i> |
| | BAGAL NILESH NARAYAN | | | <i>[Signature]</i> |
| | GODASE DHIRAJ APPASO | | | <i>[Signature]</i> |



| | | | | |
|----|--------------------------------|--|----------------------|--|
| 9 | CHAUDHARI PRATIK SUDHAKAR | Automatic head operated & button operated wheel chair | Prof. R. S. Lavate | Atad Shay Sud Parthiv Jin Rohit Pavansheel |
| | LAD AKSHAY SATISH | | | |
| | PHADTARE AKSHAY ASHOK | | | |
| | PARBAL GAURAV RAJESH | | | |
| 10 | PARTE VAIBHAV DNYANDEV | Experimental investigation on the Influence of mixture of diesel & biodiesel on performance of CI Engine | Prof. S. V. Ganorkar | Sud Sing Jin Adarsh Rohit Sud Sud Sud |
| | SHINDE VIJAY ARUN | | | |
| | PATIL AMIT MANOJKUMAR | | | |
| | MULGAONGAR RANJEET SURESH | | | |
| 11 | KUNJIR RUPESH RAJARAM | Project on modification of single rotary tablet press machine | Prof. M . B Bankar | Sud Sing Jin Adarsh Rohit Sud Sud |
| | SINGH SUMIT SHIVPRAKASH | | | |
| | THAIKKATTIL JISMON JOJU | | | |
| | DAREKAR AJIT RAJENDRA | | | |
| 12 | BHANDWALKAR ROHIT SADASHIV | Break failure alarm system | Prof. R. S. Lavate | Sud Sing Jin Adarsh Rohit Sud Sud |
| | BHONGALE SAURABH SURENDRA | | | |
| | KAMTHE SAGAR NAMDEV | | | |
| | VADHANE SWAPNIL SUNIL | | | |
| 13 | AVAGHADE KIRAN KAILAS | Customized Steering mechanism in HVC Vehicle | Prof. J. P. Borude | Sud Sing Jin Adarsh Rohit Sud Sud |
| | DHANE SHITAL DAGADU | | | |
| | NASURDE MAYUR ASHOK | | | |
| | JAGTAP SHUBHAM DHANAJI | | | |
| 14 | SAHIMPI SANKET SANJAY | Manufacturing of automatic and safety saw stopper | Prof. N. D. Bagul | Sud Sing Jin Adarsh Rohit Sud Sud |
| | SHEDGE AJINKYASARJERAO | | | |
| | INDRAJEET GAURISHANKAR SUPEKAR | | | |
| | AMBAVALE PRATIK RAMCHANDRA | | | |
| 15 | BABAR SAGAR BALASAHEB | Effect of welding parameter | Prof. D. A. More | Sud Sing Jin Adarsh Rohit Sud Sud |
| | JADHAV SUSHANT DATTATRAY | | | |
| | PADWAL RAJNEEKANT SUNIL | | | |
| | WAGH KUNAL ANIL | | | |


Prof. M.B. Bankar
Event Coordinator




Prof. S.K. Pawar
HOD

Head of Department
Dept. of Mechanical Engineering
Shri Chh. Shivaji Rajawade 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: 04/03/2016


Notice

Project Competition 2016

All the Students of Final Year Mechanical Engineering are hereby informed that project competition will be held on **14th March 2016** in our mechanical department Hall No. 005. Those students are interested for competition can register their names to Event Coordinator.


Prof. Bankar M.B.
Event Coordinator




Prof. S.K. Pawar
HOD
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 (Maharashtra)

Department of Mechanical Engineering

REPORT OF EVENT PROJECT COMPETITION-2016

Department: Mechanical Engineering

Day & Date: Saturday, 14.03.2016

Chief Guest: Prof.V.S.Shinde, Trinity College of Engineering, Pisoli, Pune.

Event Coordinator: Prof. M.B.Bankar, Faculty, RD's, SCSCOE, Dept. of Mechanical Engg.

Objective:

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

Description:

The "Project Competition-2016" was opened by Prof. V.S.Shinde, Trinity College of Engineering, Pisoli, Pune in the presence of Principal of RD's SCSCOE, all HODs of respective departments, faculty members and students. Total 20 project groups out of 44 Project groups were participated for this Project Competition. There were four members in the jury committee including Judge Prof. V.S.Shinde, HOD Prof.S.K.Pawar, Event Coordinator Prof. M.B.Bankar and Departmental Project Coordinator Prof. J.P. Borude. The final evaluation process completed by jury members and finalized the two groups as 1st rank and 2nd rank.

Result of Project Competition Event A.Y. 2015-16

| Gr. No. | Name of Students | Project Title | Class | Rank |
|---------|--|---|------------|------------------|
| 1 | Abhijeet Das Suraj Jadhav Shahanawaj Khan Vinayak Pawar | Human Powered Vehicle | B. E. Mech | Winner |
| 2 | Pravin N. Shinde Kedar V. Wagh Devidas R. Toke | Experimental investigation of heat transfer enhancement from waveform Pin-Fin | B. E. Mech | Runner up |

Finally, award ceremony program was conducted on 14th March 2016, from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank certificates were distributed to the students with blessings. Chief guest and principal of RD's Shri Chhatrapati Shivajiraje College of Engineering.




Conclusion:

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


The following photographs show the sweet memories of this event.


Event Photos:




Prof. M.B. Bankar
Event Coordinator




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


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

॥ प्रज्वलितो ज्ञानमयः प्रदिपः ॥

Rajgad Dnyanpeeth's

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



Department of Mechanical Engineering

Date: 03/03/2016

INVITATION LETTER

To,
Prof. V. S. Shinde,
Trinity College of Engineering,
Pisoli, Pune.

Subject: Invitation for project competition as a Judge held on 14th March 2016.

Dear Sir,

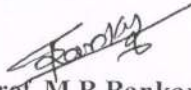
It gives us immense pleasure to announce that Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Department of Mechanical Engineering has scheduled Project competition on 14th March 2016 for Final year Mechanical Engineering students.

It gives us great pleasure to invite you as a Judge for above Competition.


Please, accept this invitation and acknowledge the same.

Thanking You,

Yours truly,


Prof. M.B. Bankar
Event Coordinator




Prof. S. K. Pawar

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

Review & Acceptance
V. S. Shinde
03/03/16

Rajgad Dnyanpeeth's

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

PROJECT COMPETITION 2016
DEPARTMENT OF MECHANICAL ENGINEERING
ATTENDANCE OF PARTICIPANTS
14/03/2016


| Group No. | Name of Students | Project title | Guide | Sign of Students |
|-----------|--------------------|---|-----------------------|------------------|
| 1 | Badave Nitin U. | Smart Helmet | Prof. S.K. Pawar | N. Badave |
| | Patil Yogesh D. | | | Yogesh Patil |
| | Avhad Siddharth B. | | | Siddharth Avhad |
| | Ithape Swapnil S. | | | Swapnil Ithape |
| 2 | Kadam Mayur S. | Overall Productivity Improvement in casting industry by using industrial Engg. Techniques | Prof. S.K. Pawar | Mayur Kadam |
| | Kadam Swapnil M | | | Swapnil Kadam |
| | Jangam Rohit L | | | Rohit Jangam |
| | Kharade Sainath | | | Sainath Kharade |
| 3 | Das Abhijeet | Human powered vehicle | Prof. S.K. Pawar | Abhijeet Das |
| | Jadhav Suraj | | | Suraj Jadhav |
| | Khan Shahnawaz | | | Shahnawaz Khan |
| | Pawar Vinayak | | | Vinayak Pawar |
| 4 | Pawar Vikas S | Solar Tricycle | Prof. S.K. Pawar | Vikas Pawar |
| | Jathar Nilesh S | | | Nilesh Jathar |
| | Bagul Sidhharth | | | Sidhharth Bagul |
| | Shikilkar Arshad | | | Arshad Shikilkar |
| 5 | Kare Nikhil D. | Fabrication of multinut Tighter & Remover | Prof. P.R. Bhalchakra | Nikhil Kare |
| | Pandhare Nilesh N. | | | Nilesh Pandhare |
| | Mulik Ajay B. | | | Ajay Mulik |
| | Raut Sachin M. | | | Sachin Raut |
| 6 | Bhagat Anurag | Energy Generation using train wheel | Prof. R.R. Biradar | Anurag Bhagat |
| | Kadam Nitesh | | | Nitesh Kadam |
| | Tamboli Arish | | | Arish Tamboli |




| | | | | |
|----|---------------------|---|-----------------------|------------|
| 7 | Jagtap Satyajeeet | Sensor based automatic braking system | Prof. R.R.Biradar | Jagtap |
| | Suryawanshi Shriram | | | Shirshiram |
| | Chavan Sachin M | | | Sachin |
| 8 | Kashid Ganesh A. | Multi Crop Cutter With Holding Mechanism | Prof. J.P. Borude | Kashid |
| | Jagtap Girish D. | | | Girish |
| | Ghorpade Amit S. | | | Amit |
| | Godse Nileash P. | | | Godse |
| 9 | Ombale Pramod S. | Electricity generation through exercising instrument | Prof. L.P. Maskepatil | Ombale |
| | Ombale Pradeep B. | | | Pradeep |
| | Gaikwad Hemant V. | | | Hemant |
| 10 | Shinde Pravin N. | Experimental investigation of heat transfer enhancement from waveform Pin-Fin | Prof. L.P. Maskepatil | Shinde |
| | Wagh Kedar V. | | | Wagh |
| | Toke Devidas R. | | | Devidas |
| 11 | Jagtap Sandip | Design & fabrication of Jigs & fixture of Triangular Assembly for Poona Construction & Equipment Industry | Prof. S.V. Ganorkar | Sandip |
| | Jagtap Avinash | | | Avinash |
| | Bandal Ganesh | | | Ganesh |
| | More Sumit | | | Sumit |
| 12 | Gawai Adarsh P | Material Handling System by Pneumatics | Prof. M.V. Thorat | Gawai |
| | Shelar Sagar A | | | Shelar |
| | Talekar Pravin R | | | Pravin |
| | Talekar Harshal D | | | Harshal |
| 13 | Aher Shubham N | Angular Pneumatic Hacksaw | Prof. R.V. Lalge | Aher |
| | Changle Dhananjay C | | | Changle |
| | Ladkat Akshay R | | | Akshay |
| | Lobhe Sachin A. | | | Sachin |
| 14 | Kadam Ajay B. | Railway Track Based Power generation by Rack & pinion mechanism | Prof. R.V. Lalge | Ajay |
| | Kamble Akshay H. | | | Akshay |
| | Wadekar Nilesh B. | | | Nilesh |
| | Sanas Rahul S. | | | Rahul |



| | | | | |
|----|---------------------|--|-------------------|----------------|
| 15 | Chandgude Vishal S. | Design & Analysis of thermodyne cooling system | Prof. P.N. Velhal | V.S. Chandgude |
| | Chaudhari Ganesh N. | | | Chaudhari |
| | Dorge Suraj D. | | | (S) Dorge |
| | Mandhare Sharad Y. | | | S.Y. Mandhare |
| 16 | Dhamal Tushar K. | Waste heat recovery from IC engine | Prof. M.B. Bankar | Dhamal |
| | Dhavale Ashutosh S. | | | Ashutosh |
| | Lambhate Nilesh B. | | | Lambhate |
| | Nalawade Rohit V. | | | Rohit |
| 17 | Adsul Suraj | Thermoelectric system to generate Electricity from exhaust gas of automobile | Prof. M.B. Bankar | Suraj |
| | Kadam Akshay C | | | Akshay |
| | Raut Dheeraj | | | Raut |
| | Naikwadi Akshay | | | A. Naikwadi |
| 18 | Dhamal Ganesh R. | Automatic Pneumatic Bumper | Prof. M.B. Bankar | Ganesh |
| | Bhagat Shankar R. | | | Bhagat |
| | Chavan Sachin S. | | | Sachin |
| | Bhame Akash J. | | | Bhame |
| 19 | Jadhav Deepak S | Use of hydraulic & Pneumatic for Rod cutting machine | Prof. S.V. Jagtap | D.S. Jadhav |
| | Jadhav Suraj | | | Jadhav |
| | Jagtap Nilesh D | | | Jagtap |
| | Ghate Swapnil | | | Swapnil |
| 20 | Bhadekar Ganesh | Dual Food preservative system | Prof. S.V. Jagtap | Bhadekar |
| | Bhagat Somnath | | | Somnath |
| | Katkar Swapnil S | | | Katkar |
| | Shinde Sagar | | | Shinde |


Prof. M.B. Bankar
Event Coordinator




Prof. S.K. Pawar
HOD

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

Rajgad Dnyanpeeth's

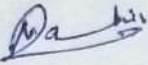
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

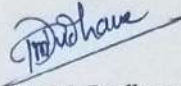
Date – 25/02/2016

NOTICE

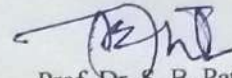
All BE students are hereby informed that E&TC Engineering Department is organizing **Project Competition – 2016** on **Friday 11/03/2016**. Registration for Project Competition is compulsory. Students should report to Prof. D. U. Dalavi till **01/03/2016**.



Prof. D. U. Dalavi
Dept. Event Coordinator



Prof. T. M. Dudhane
Event Coordinator



Prof. Dr. S. B. Patil

Principal

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

SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING

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

REPORT OF EVENT PROJECT COMPETITION – 2016

Department: - E & TC Engineering

Day & Date: - Friday 11/03/2016

Chief Guest:-Prof. H. B. Vanjari, Asst. Professor, Navsahyadri COE, Naigaon, Pune

Event Coordinator: - Prof. T. M. Dudhane, HOD E & TC Engineering Department

Departmental Event Coordinator:- Prof. D. U. Dalavi.

Objectives:

The main objectives of the project competition were to improve quality of life of people, improving environment and contributing to economic development of nation.

Description:

The "Project Competition – 2016" was opened by Prof. V. B. Vanjari, Asst. Professor, Navsahyadri COE, Naigaon, Pune in the presence of Principal of SCSCOE, All HOD's of respective departments, Faculty members and students. Total 11 Project groups were for this project competition. There were four members in the jury committee. 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. 2015 – 16

| Sr. No. | Name of the Students | Project Title | Class | Rank |
|---------|--|---|-----------------|-----------|
| 1 | Momin Iliyas Dhamal Sanjivani Suryawanshi Snehal | Design and Implementation of LAB View based SCADA for Textile Mills | B. E. E & TC | Winner |
| 2 | Lekawale Himani Sutar Pallavi Walhekar Supriya | PLC Based DAM Automation System | B. E. E & TC | Runner Up |

Finally award ceremony program was conducted on 11th March 2016 from 4.00 pm to 5.00 pm and announced the name of winner teams of innovative projects with attractive price and rank certificates were distributed to the students with blessings of chief guest and principal of SCSCOE.

The selected innovative project ideas will be completed by students under the guidance of respective departmental faculty/ members with under observation of respective departmental head. The students will prepare a proposal for getting fund for prototype development of their projects along with detail description of their proposed project, outline of project work and



approximate costing of proposed project. The prepared proposal will be submitted to event coordinator for further procedure.

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.

The following photographs show the sweet memories of this event.

Event Photos:



Students are Explaining working Model to Visitors



Prof. V. B. Vanjari, Prof. S. M. Sonawane along with students

**Prof. D. U. Dalavi
Dept. Event Coordinator**

**Prof. T. M. Dudhane
Event Coordinator**

Prof. Dr. S. B. Patil

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



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



INVITATION LETTER

Date: - 25/02/2016

To,

Prof. H. B. Vanjari,

Asst. Professor, Navsahyadri COE,

Naigaon, Pune

Subject: Invitation for "Project Competition – 2016"

Respected Sir,

This gives Department of E&TC Engineering of SCSCOE, great pleasure to request you to be a judge of "Project Competition – 2016" for BE students in RD'S SCSCOE, Dhangawadi. We will be thankful to you if you can schedule it from 11th March 2016.

Waiting for your positive reply.

Received

H. B. Vanjari



[Signature]

Prof. Dr. S. B. Patil

Principal

Rajgad Dnyanpeeth's

Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Bhor, Pune-412 205

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Dr. Bhagyashree s. Patil
Hon. secretary

Anantrao Thopte
Founder President
Ex. Education Minister
Maharashtra State



CONDUCTION LETTER

Date: - 11/03/2016

To,

Prof. H. B. Vanjari,

Asst. Professor, Navsahyadri COE,

Naigaon, Pune


We express our immense gratitude for having you at our college to judge "Project Competition – 2016 ". 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 event. We would like to know if you ever need our support.

Thank You so much.



Received

H. B. Vanjari


Prof. Dr. S. B. Patil

Principal

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