

Phaltan Education Society's
College of Engineering, (Diploma)
Department of Mechanical Engineering
KURUKSHETRA 2K24

Notice

All Students are hereby informed that the Mechanical Engineering Department has organized the following technical events in Kurukshetra 2K24 on 9th February 2024. Those who are interested, are requested to register for the respected Event Coordinator or Student Coordinators given below;

Sr. No.	Name of Event	Staff Coordinator	Student Coordinator	Max. Participants	Entry Fee
1	Lathe War	Mr. N.K. Kadam (8459669940)	Mr. Omkar Kalukhe (8788354302) Mr. Manohar Pawar (9021063733)	01	100
2	Robo Race	Mr. N. B. Bhujbal (9503411412)	Mr. Hrugved Shinde (9666032099) Mr. Vipul Bhoite (9834681050)	02	100
3	Poster Presentation	Mr. A.B. Gawade (9767149518)	Ms. Shrushti Shirsat (8766751006) Ms. Sharanya Gaikwad (7020179434)	02	100
4	3 D Modeling	Mr. A.H. Jadhav (7020598056)	Mr. Kedar Ghorpade (8625877958) Mr. Yogesh Badbade (8329515891)	01	50

Phaltan Education Society's
College of Engineering, (Diploma)
Academic Year: 2023-2024
Department of Mechanical Engineering
KURUKSHETRA 2K24
EVENT: 3D Modelling

Software Used: CATIA V5

No. of Participants: 1

Entry Fee: Rs 50/-

Venue: CAD Lab (Mechanical Department)

Flow of Event:

Round 1: Elimination Round

A 2D sketch will be given to each participant. All the participants who complete the orthographic view in a given time with accuracy will be selected for the final round.

Round 2: Final Round

A 3D (Isometric) drawing will be provided to the finalist. Participants have to draw the same isometric view within the given time with accuracy. Dimensioning will be considered for the judging.

Rules and Regulations:

1. Participants must carry a valid college ID card.
2. Participant should not use any electronic accessories inside a venue hall.
3. 2D and 3D drawings will be given during the competition.
4. The final result will be judged based on accuracy, completeness, and optimum time.

Contact Information:

Student Coordinators:

1. Mr. Kedar Ghorpade – 8625877958
2. Mr. Yogesh Badbade - 8329515891

Faculty Coordinator:

Mr. A. H. Jadhav- 7020598056

Name of Event: Lathe War (Diploma)

Entry Fees: - Rs 100 /-

Eligibility Criteria

The contest is open for B.E/B. Tech and Polytechnic level students.

Introduction

- Unleash your machining skills, and let in to the groove of screeching rhythms of turning, facing, tapering, and all you can do on a lathe machine.
- Participants are required to perform a set of operations on the job using a lathe machine, with the problem statement declared on the spot.
- There will be a total of two rounds on which performance will be evaluated, and winners will be awarded.

Rules & Regulations

- Maximum one participant in a team.
- All the participants should carry workshop aprons and wear shoes.
- Not more than 1 tool would be provided.
- Any kind of malpractices like use of cell phone during the competition is completely banned. If anyone found so, will be disqualified.
- No extra work piece will be provided and carrying of any extra material is banned.
- After the completion of the task, all the accessories must be returned.
- Judges' decision will be the final decision.
- At any time, KURUKSHETRA- 2024 committee has the right to change the rounds.
- All the rights are reserved with KURUKSHETRA 2024 event committee.

Rounds with Names

There will be one round:

Round 1 will be of profile cutting, which is to be completed in 30-35 Min.

Evaluation

The evaluation is based on the points system & it will be of objective type. The judging will be done by the experts & it will be evaluated on the criterion of job completion, accuracy, finish, time taken. The result will be based on job evaluation.

Contact Information

Coordinator: -

Student: -1) Mr. Omkar Kalukhe 8788354302

2)Mr. Manohar Pawar 9021063733

Staff: - Mr. Kadam N. K. 8459669940

Phaltan Education Society's
College of Engineering
Academic Year 2023-24
Department of Mechanical Engineering (Diploma)

NOTICE

All the students are hereby informed that Mechanical Engineering **Dept. (Diploma)** organized Following Technical event in **Kurukshetra 2K24** on 9th March 2024.

Interested students please register for event by contacting Faculty Coordinator. The details of event are:

Sr. No	Name of Event	Faculty Coordinator & Contact No.	Student Coordinator	No. of Participants	Entry Fee
1	Poster Presentation Subject – i) Water and energy conservation ii) Chandrayaan 3 iii) Control Global Warming iv) Go Green	Mr.A.B.Gawade (9767149518)	Ku. Shirsat Srushti (8766751006) Ku. Gaikwad Sharanya (7020179434)	2	50

Rules and Regulations

- 1) Participants - 02
 - 2) Entry fee - 50 Rs
 - 3) Explanation should less than 5 minutes
 - 4) Topic of poster and theme should be clearly mention at the top margin of the poster
 - 5) Poster should not contain any personal details like name, class, college etc. of the participants. These details should be mention in registration form only.
 - 6) **Register for the poster presentation within the specified deadline (5 March).**
- Provide all necessary information about your poster, including title, description, and team members.

Evaluation - Evaluation will be based on

- Application to the theme
- Originality
- Inventive composition
- Creativity
- Message conveyed by the poster
- Effectiveness in communicating the future message

Phaltan Education Society's
College of Engineering
Department of Mechanical Engineering (Diploma)
Academic Year: 2023-24
Kurukshetra Event: Robo-Race

Description: -

“Robo Race” is a Grand event organized by Mechanical Engineering Department of PES's COE, Phaltan on the occasion of KURUKSHETRA 2K24 on date 9^h March, 2024 with enthusiasm and dynamism by the students. It is the event where you to get to test the efficiency and power, skills of your robot.

OBJECTIVES-

1. The objective is to design a manual robot and which can compete on an arena specially designed for robo race match.
2. The event is aimed at testing the turning, Pushing and the control of the robot.

ROBOT SPECIFICATIONS:

1. The robot should fit inside a box of 25cm*20cm*15cm.
2. Robot should not exceed 3 kg.
3. The robot can be wired, wireless or autonomous.
4. The robot should be self-powered with supply not exceeding 12V (on board power supply)

General Rules:

1. This is racing event so fastest and most balanced robot will win.
2. Robot should be as per the given specifications.
3. Each team can have maximum two members. Students from different institutes can form a team.
4. Each member of the team must contain the identity card of his/her respected institute.
5. The robot should not damage the arena.
6. No test practice will be allowed on the arena.
7. The robot must not leave behind any of its parts during the run; else it will result in disqualification
8. Unethical behavior could lead to disqualification. Faculty co-ordinators have all the rights to take final decision for any matter during the event.

9. Judge's decision will be considered final.
 10. Certificates of Participation will be given to all the teams that will participate in the event, but not to the teams which get disqualified due to disobeying any of the competition rules.
- *Co-ordination committee reserves the right to add or update any rule.

GAME RULE:

1. The competition is based on time trail system. There will a qualifying round for each team.
2. The top team from qualifying round makes it to the final round on basis of time trials.
3. Wires should remain slack during the course of the run. Pulling the wire to aid the robot in traversing may lead to disqualification.
4. If any of the robots starts off before start up call, the counter would be restarted and the machines will get a second chance. If repeated again then team will be disqualified.
5. Your robot must be ready when call is made for your team. 6) Team members will be allowed only three times to touch or reset their robots position during the run. However, this will lead to a time penalty and timer will not stop during this course of action.
6. The robot will be judged on basis of (in priority):- a. Time to complete the track. b. Number of checkpoints cleared.
7. Machine must not contain any readymade kits, pneumatic &hydraulic systems, IC engines.
8. Decision about your robot will be taken by the organizers.
9. No team will get a second chance after completing the track with poor score.
10. Maximum two participants (In Group) allowed for rabo race.

Entry Fees -100 Rs.

Contact Information

Coordinator: -

Student: -1) Mr. Hrugved Shinde- 9666032099

2) Mr. Vipul Bhoite 9834681050

Staff: - Mr. N. B. Bhujbal- 9503411412