



SHIVNAGAR VIDYA PRASARAK MANDAL's
COLLEGE OF ENGINEERING, MALEGAON(Bk.)

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ACCREDITED BY NAAC

Presents

CRETECHNOVA-2k19

Website: <http://engg.svpm.org.in/cretechnova2k19>

Facebook page: <https://m.facebook.com/Cretechnova2k19/>

Student Coordinators:

- 1. Rohan Jagtap(7875328888)(Mech.)**
- 2. Rhritik Jadhav(9503418039)(Electrical)**
- 3. Harshwardhan Taware(9970426330 (Civil)**
- 4. Dipti Thorat (E&TC)**
- 5. Mohini Raut (Computer)**
- 6. Vrushali Taware(IT)**

(Prof. Chatse R.V)

Co-convener

(Prof.khalate Y.R.)

Convener

(Dr. Mukane S.M.)

PRINCIPAL

EVENT LIST

DEPARTMENT/ BRANCH	EVENT	NO. OF PARTICIPANT	ENTRY FEE`
ALL (FE,SE,TE,BE, Polytechnic)	<u>LUMOSITY</u> (Technical Quiz)	Max 2	100/-
	<u>BILL BOARD</u> (Poster Presentation)	Max 2	100/-
MECHANICAL	<u>EXEGESIS</u>	Max 3	150/-
	<u>PROEXPO</u>	Max 4	200/-
	<u>CATIA RACE</u>	Max 1	50/-
	<u>LATHE WAR</u>	Max 1	50/-
	<u>ROBOMANIA</u>	Max 4	200/-
E & TC	<u>MICROMANIA</u>	Max 1	50/-
	<u>ENIGMA</u>	Max 4	200/-
	<u>EXEGESIS</u>	Max 3	150/-
	<u>PROBLEM SOLVING</u>	Max 2	100/-
	<u>PROEXPO</u>	Max 4	200/-
ELECTRCAL	<u>BOAT RACE</u>	Max 2	100/-
	<u>PUZZLER</u>	Max 2	100/-
	<u>PROEXPO</u>	Max 4	200/-
	<u>EXGESIS</u>	Max 3	150/-
	<u>DARE TO SPEAK</u>	Max 1	100/-
COMPUTER/IT	<u>BLIND CODING</u>	Max 1	50/-
	<u>PROEXPO</u>	Max 4	200/-
	<u>WEBSITE DEVELOPEMENT</u>	Max 2	100/-
	<u>EXGESIS</u>	Max 3	150/-
	<u>GAMING(CS)(Team)</u>	Max 4	100/-
	<u>GAMING(CS)(Single)</u>	Max 1	50/-
CIVIL	<u>MODEL MAKING</u>	Max 4	150/-
	<u>PROEXPO</u>	Max 4	200/-
	<u>EXGESIS</u>	Max 3	150/-
	<u>AUTO CAD</u>	Max 1	50/-

******* Accommodation and lunch will be provided by paying nominal charges.*******

LUMOSITY (Technical Quiz)

EVENT OBJECTIVES:

The objective of this event is to improve or expanding one's knowledge of things, either general or in specific area. Quizzes are designed to promote, a fun way to study and in the process help improve one's general and technical knowledge. Quiz competitions enables students to think from different angles or simply 'to think out of the box. It promotes a healthy debate amongst participants in order to learn from each other.

EVENT STRUCTURE:

1. First Round [Written test (Lap Round / Screening Round)]

- Each team would be given a set of question papers containing 50 objective type questions of technical questions.
- Time limit - 1 Hour
- Only Qualified Teams would be selected for STAGE ROUNDS
- In case of tie between 2 or more teams, further 3 questions would be asked for final selection

2. Stage Rounds

A) Second Round (Objective question, Audio-visual round and Picture Identify Round)

- Only 10 teams would be selected for the Second Round from round I.
- Each team would be asked 5 questions.
- 10 marks for correct answer, and no negative marking for wrong answer
- If a team cannot answer the question, then the question would be forwarded to the next team (NO TIME)
- Answering time is only 30 seconds
- Each Team would be asked 02 audio-visual questions, 01 picture identify and 02 objective questions

- Audio-Visual played for 60 seconds and answering time is only 30 seconds
- If a team cannot answer the question, than the question would be forwarded to the next team.

Only 05 teams are to be selected for the final round

B) Final Round (Rapid Fire/Buzzer Round)

05 teams are to be selected for the final round from II round

- It is a **Buzzer Round**
- Total 25 mixed type of questions are asked.
- 10 marks for the correct answer and negative 5 marks for the wrong or no answer
- 2 teams are to be selected as **Winners and Runners**

2. Decision taken by judges will be final.

3. Rules maybe changed without prior intimation. Participants are requested to check the official **CRETECHNOVA-2K19** website, regularly for updates.

PARTICIPANT AND FEE:

No. of Participant: 2 Max

Registration Fee: 50 per participants (100/-per team)

TOPICS:

- 1) Technical Questions from Mech, Comp/IT, Civil, Electricals, Electronics, Physics, Chemistry, Maths, medicals etc.
- 2) General Knowledge Questions

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR:1.

Taware Vrushali Satish 2. Jagtap Suraj Chandrakant(9175123885) [TOP^](#)

BILL BOARD (POSTER PRESENTATION)

EVENT OBJECTIVE:

The objective of the poster – we “show” what we want to “tell.” Posters are an interactive medium and serve to stimulate dialogue between the viewer and the presenter, which is a key aim of poster presentation.

EVENT STRUCTURE:

1. A poster author is required to stand by the poster during the scheduled poster session to answer questions from attendees.
2. Presenters have to place their poster on their assigned board by 60 minutes prior to the Poster Session.
3. Presenters must remove their posters immediately after the poster session. Any posters that are not removed will be considered unwanted and will be discarded.

EVENT RULES:

The editable template for posters is in the most common poster size (48" x 36") and orientation (horizontal).

Font Sizes (suggested minimum)

- Title: 36 point type
- List of authors: 25 point type
- Text: 15 point type
- The entire poster layout should be readable from six to ten feet away.
- Be careful in your use of colors.
- 30% Paper cuttings are allowed.

Your Poster Presentation Should Include:

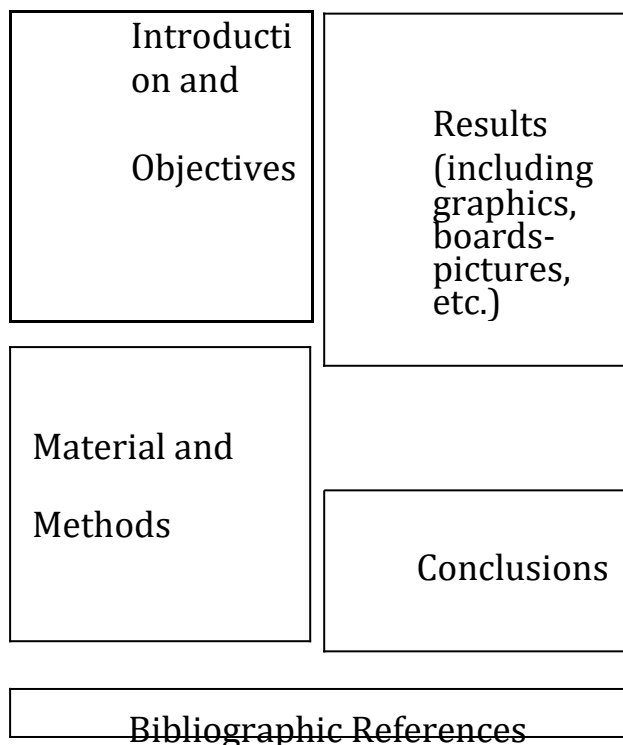
- The paper title and all authors, name of the institution, class, branch & mobile number at the top of the poster.
 - A brief introduction, goals, experimental detail, conclusions, and references (make sure this information is presented in a logical and clear sequence)
 - Explanations for graphs, pictures, and tables.
 - Decision taken by the judges will be final.
- Rules may change without prior information. Participants are requested to check the official CRETECHNOVA-2k19 website, regularly for updates.

Proposed Model of a Poster structure

HEADER

SUB-HEADER

Author, Institution, Address, Telephone number,
E-mail address



POSTER PRESENTATION TOPICS:

Any technical theme related to

- ❖ Mechanical engineering
- ❖ Civil Engineering
- ❖ Electrical Engineering
- ❖ Electronics & telecommunication engineering
- ❖ Computer & Information Technology.

PARTICIPANT AND FEE:

No. of Participant: Max 2 participants

Registration Fee: 50 Rs. per participant

MATERIAL PROVIDED:

Push pins will be provided to hang your poster.

JUDGING CRITERIA:

Display (20 points maximum)

Content (20 points maximum)

Oral Presentation (10 points maximum).

PRIZES:

Winner: `3000/- Runner: `2000/-

EVENT COORDINATOR:

1. Jitendra Shingate (9860832238)
2. Pratiksha Kokare

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MICRO-MANIA (Microcontroller Coding)

EVENT OBJECTIVES:

The objective of this event is to develop the microcontroller based programming skills in student and provide them platform to learn interfacing of real world input and output devices.

EVENT STRUCTURE:

Round 1: Technical Aptitude Test

Round 2: Programming based on Microcontroller

Round 3: Interview/Viva

RULES:

1. Three rounds will be conducted
 - a) APTITUDE based on microcontroller
 - b) On board Microcontroller Programming
 - c) Technical interview from external
2. No negative Marks System
3. No Group allow
4. Decision taken by judges will be final.
5. Rules maybe changed without prior intimation. Participants are requested to check the official **CRETECHNOVA-2K19** website, regularly for updates

PARTICIPANT AND FEE: No. of Participant: SINGLE

Registration Fee: 50 /- per participant

INSRTUMENT PROVIDED:

89C51kit

RIDE, KEIL software

JUDGING CRITERIA:

- I. External Judge will be invited for judging the participant.
- II. Student should be able to explain the code, interfacing.

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR:

1. Patil Sangramsinh -7756984770
2. Yadav Onkar -9881826367
3. Mane Yogeshwari

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WEB WEAVER (Website Design Competition)

EVENT OBJECTIVES:

The objective of this event is to test the skills of students in the field of computer programming and their ability to design innovative website.

EVENT STRUCTURE:

Round 1:

This round will consist of 30 questions on HTML and CSS. All questions will be in the format of multiple choice questions. Duration for this will be 30 Minutes Max.

Round 2:

In this round, shortlisted participants from Round 1 will need to design website based on any one of competition topics in 90 minutes using permitted development tools.

RULES:

1. Maximum 2 members per group.
2. Participants need to design a 5+ pages website based on the competition topic.
3. Students have to design a web-site on the specified topics and present it to the judges.
4. First page must be your Homepage (Containing LOGO/picture depicting the topic and the website name).
5. Three pages must be dedicated to your discussion suitable for the website.
6. The last page must be Information Hub that provides details about:

7. Environment provided will be notepad / notepad++ / Dreamweaver, visual code studio.
8. Use of USB drive is strictly prohibited.
9. Decision taken by judges will be final.

PARTICIPANT AND FEE:

No. of Participant: 2 Max

Registration Fee: 50(Single) 100(Double)

Permitted Tools:

1. Application software (FrontPage, Publisher, Dreamweaver, Photoshop etc.)
2. Programming Language (Hypertext Markup Language (HTML), Java Script ,php , jquery etc.

JUDGING CRITERIA:

1: Content

- o Relevance of content
- o Accuracy of content
- o Correct spelling and grammar
- o Good use of content chunking
- o Adherence to copyright laws

2: Aesthetics

- o Visual appeal and style
- o Consistent look and feel
- o Readability
- o Minimalist design

3: Design

- o Adherence to HTML standards
- o Effective navigation and working links
- o Effective use of multimedia content
- o Browser compatibility

4: Usability and Accessibility

- o Written in user's language
- o Minimize user's memory load
- o Minimize required user actions
- o Effective user guidance

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR

1. Manasvi Vairat
2. Dhanaji Shinde(8380876130)

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BLING CODING (SIGHTLESS)

EVENT OBJECTIVES:

The objective of this event is to test the Typing skills of students without seeing Monitor and also clearance in writing codes without syntax error in programming.

EVENT STRUCTURE:

Round 1: Students has been provided the hard copy of simple C program and have to type program with monitors switched off. Judgment is based on correctness of program in time.

Round 2: Students has been provided the hard copy of complex C program with syntax errors and have to type correct program with monitors switched off. Judgment is based on correctness of program in time.

Round 3: Students has been provided the problem statement of C program and have to type correct program with monitors switched off. Judgment is based on correctness of program in time.

RULES:

1. The event is open for undergraduate students only.
2. Participants are required to give correct contact details, so as to inform them about the event updates.
3. Participants must bring their College ID cards and receipt of registration during reporting.
4. Only 'C' language can be used for all Rounds.
5. Decision taken by judges/co-coordinator will be final.
6. Rules may be changed without prior information, so participants need to check official website of CRETECHNOVA 2K19.

PARTICIPANT AND FEE:

No. of Participant: Max 1

Registration Fee: 50 RS

JUDGING CRITERIA:

Correctness of program code by compiling it with time limit.

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR:

1. Bankar Reshma
2. Kalbhor Kajol
3. Dhage Neha

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EXEGESIS (Paper Presentation)

EVENT OBJECTIVES:

To provide suitable platform for dynamic development of students. Development of presentation skills, reading habits, research abilities, confidence, technical writing, technical skills and self-learning awareness among the students. Make the students aware of current development in their field.

RULES:

1. Maximum 3 author per paper.
2. Paper should be in given format.
3. Submit to hard copies of paper on event day.
4. Decision taken by judges will be final.
5. Certificate for each selected paper will be given.
6. Presence of author is must for presentation.
7. Rules may be changed without prior intimation. Participants are requested to check the official CRETECHNOVA-2k19 website, regularly for updates.

PARTICIPANT AND FEE:

No. of Participant: Max 3 Author per paper

Registration Fee: 150 per/paper

SPECIAL RESTRICTIONS :

1. Paper should be in IEEE format (Refer from Internet for theformat).
2. Presentation should be in Latex or Microsoft Power Point.Maximum:5 Slides.

JUDGING CRITERIA:

Papers will be judged for completeness, the author's ability to follow instructions, background and significance, research design, organization, writing/format and overall quality.

TOPICS: (But Not Limited to)

MECHANICAL

- Advances in Fluid & Thermal Engg.
- Recent Trends in Manufacturing
- Fatigue, Noise & Vibration
- CAD/CAM/CAE & Automation
- Product Lifecycle & Management

CIVIL

- Recent trends in Structural Engineering
- Advancement in Concrete Technology
- Structured Irrigation Network
- Efficient Waste Water Treatment System
- River Restoration
- Intelligent Transportation system
- Applications of RS and GIS in Civil Engineering
- Smart materials in Civil Engineering
- Urban Sustainability Design
- Artificial Intelligence in Civil Engineering

E&TC

- Digital Signal / Image Processing
- Microwave / Optical / Wireless Communication
- IOT (Internet of Thing)
- VLSI & Embedded system
- Power Electronics, Robotics & Automation

COMP/IT

- Cyber Crime and Security
- Artificial intelligence
- Cloud computing
- Big Data Analytics
- Machine Learning

ELECTRICAL

- Electric Cars
- Power Factor Improvement Methods
- Need for Reactive Power Compensation
- Automated Energy Meter Reading for Billing Purpose
- Advance lighting system.
- Wireless Power Transfer through Coils
- Smart Grid – Future Electric Grid.

PRIZES:

Winner: `2500/- Runner: `2000/-

E-mail:

- exegesis.comp2019@gmail.com (Comp/IT)
- exegesis.mech2019@gmail.com (Mech)
- exegesis.civil2019@gmail.com (Civil)
- exegesis.ele2019@gmail.com (Electrical)
- exegesis.etc2019@gmail.com (E&TC)

EVENT COORDINATOR

1. Prof. Rumale A.S. (Comp.)
2. Madane Abhijit (9325989605)(Mech.)
3. Pankaj Nikam (7507586034) (Mech.)
4. Prajakta Arun Nale (7058323654)(E&TC)
5. Hallale Dattatray Bhanudas (9067880147) (E&TC)
6. Shingate Jitendra (9860832238) (Electrical)
7. Kate Aishwarya (Electrical)
8. Hedgire Rushikesh (7057850088) (Civil)

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PROEXPO(CIVIL)

EVENT OBJECTIVES:

Execution of ideas through physical models to fulfill society needs.

EVENT STRUCTURE:

Round : Single round of judge and their discussion with teams.

RULES:

1. Compulsory require physical models related to civil engg.
2. Decision taken by judges will be final.

PARTICIPANT AND FEE:

No. of Participant: Max 4

Registration Fee: 200/- per Group

PRIZES:

Winner: `3000/- Runner: `2000/-

EVENT COORDINATOR:

1. Wanve Satish B, 7057242394
2. Jagdale Vishvajeet

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LATHE WAR

EVENT OBJECTIVES:

Lathe War is the competition which demands manufacturing Techniques with higher dimensional accuracy and skills to the higher surface finish. The job is the depiction of the participant's skill and knowledge.

EVENT STRUCTURE

There will be total two rounds.

1. Round 1 will be of profile cutting, which is to be completed in 30 mins.
2. Round 2 will also be of profile cutting, to be completed in 60 mins.

RULES:

1. Only one cutting tool (Ground and sharp) and one raw material are provided to each participant.
2. Do carry apron, shoes and I- card for the event.
3. First round qualified participants are eligible for second round.
4. Final winners will be selected on the basis of **TIME and JOB DIMENSIONS.**
5. Staff coordinator, student event coordinator and judges decisions will be final.
6. If any team member found consulting/helping any other person or team member, both
7. will be disqualified on the spot.
8. No extra workpiece and tool will be provided and carrying of any extra material is banned.
9. Work evaluation will be done on the basis of surface finish, time taken and dimensional accuracy.

PARTICIPANT AND FEE:

No. of Participant: Max 1

Registration Fee: 50/- per participant

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR

1. Shinde Akshay(9422212417)

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BUILT IT (Model Making)

EVENT OBJECTIVES:

Make a truss Bridge model by ice-sticks & fevicol.

EVENT STRUCTURE:

1. Round 1: 1st day Truss bridge model is to be made

Ice sticks and fevicol are provided by college

2. Round 2: 2nd day

The structures made will be tested on the day of the event

RULES:

1. Sticks can be altered physically by cutting or notching at any angle.
2. Only Fevicol can be used as adhesive, use of other adhesives may lead to disqualifications.
3. Use of threads is not allowed.

PARTICIPANT AND FEE:

No. of Participant: 2 to 4

Registration Fee: Rs. 150/ per group

MATERIAL PROVIDED

Truss details: span 60cm (± 1 cm) and centre to centre distance between two trusses 10cm(± 1 cm).

SPECIAL RESTRICTIONS

1. Maximum number of sticks that can stack together is three . (ie. Overlapping of stick)
2. If not satisfy criteria may lead to disqualification.

Testing:

3. The load will be applied through a hook that connects a steel rod that will be laid upon the span of the bridge
4. The rod will be same for every team and will be placed at the middle of the structure.
5. The bridge model will be loaded till failure.
6. If it happens that the structure reaches the threshold deflection above 1.5cms then the increase of load will be stopped and the evaluation will be made on the same load.

JUDGING CRITERIA:

First the structure will be reviewed to check if it violates any rules mentioned above. The efficiency will be calculated as the ratio of ultimate load capacity to the bridge weight. Maximum ratio will be declared as winner

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR

1. Gadhave Sahil Dattatray : 7620301717
2. Dahiphale Gaurav Jagannath : 7757079901
3. Bankar Neha

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Buzz CAD (AUTOCAD)

Event objective –

Using Auto CAD, plot the drawing by scale.

Event structure

Round first – Prepared detail 2-D plan as per given Specification & requirements.

Round second - Draw Detailed Elevation & Section of own 2D Plan.

Time –

Round 1= 30 min

Round 2 =30 min

Specification

1. Draw 2BHK bungalow plan.
2. The area of plan is 1000 sq.ft (100sq.m) & near about.
3. follow all the principal of planning & building by-laws.

Rules and regulation:

1. Drawing should be completed in all respect within specified time.
2. All participants should bring their own calculator.
3. Provided version Auto cad 2010.
4. Proper sizes & dimensions will be mention in the drawing.
5. Opening of any another window other than Auto cad is not allowed. If participant open's it he/she will be disqualified.
6. Participant should save their drawing at given location only.
7. Separate bonus marks are allotted for minimum time of completion of drawing in all respect.

Participant and Fee:

No of Participant – 1 students

Registration Fee – Per participants Rs. 50/-

JUDGING CRITERIA (IF ANY):

- Judges decision will be mandatory to all participants.
- Decision regarding final best 2 is done on the basis of time required for completion and accuracy.

PRIZES:

Winner: `2500/- Runner: `2000/-

Contact: Satish wanave -7057242394 (B.E. CIVIL) Aditya kulat -9762088653 (B.E CIVIL)

Rahul Bhoi – 7776937619 (T.E Civil) Jaypal Dhaigude – 7745808545 (S.E Civil)

PROEXPO (E&TC)

EVENT OBJECTIVES:

The objective of this event is to develop the Hardware & programming skills in student and provide them platform to learn interfacing of real world input and output devices.

Round 1: Interview/Viva

RULES:

1. Projects, Mini-projects, Prototypes are allowed.
2. Submit abstract & requirements (e.g. electric supply, s/w, pc etc) up to 18th Feb.
3. The round will be conducted Technical interview from external.
4. No negative Marks System.
5. Decision taken by judges will be final.
6. At least 50% Hardware is required.
7. PPT's are required for presentation (Minimum 20 slides).
8. Only Heavy & robust models can be presented by video clips.
9. Rules maybe changed without prior intimation. Participants are requested to check the official website regularly for updates.

PARTICIPANT AND FEE:

No. of Participant: 4 Max

Registration Fee: 200 per group

JUDGING CRITERIA:

External Judge will be invited for judging the participant. Student should able to explain the code, PPT's & interfacing Methods.

PRIZES:

Winner: `3000/- Runner: `2000/-

EVENT COORDINATOR

1. Kishor Mane 9552971926
2. Aslam Amir Shaikh 9765660924
3. Prajakta Sabale
4. Jamdade Aarti

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PROBLEM SOLVING

EVENT STRUCTURE:

- Round 1:- Aptitude test
- Round 2:- Rapid fire (1 min.)
- Round 3:- Buzzer round

RULES:

1. No. Of participants Max:02
2. Paper and pen is required
3. No electronic gadgets and mobile devices are allowed during event
4. Receipt is must for participants
5. Problem statement,quiz or puzzle will be given on the spot
6. In case of musical quiz listen to the music carefully. Music will not be played again.
7. Participants should report at least 5 min. before start of the round
8. Referees decision and result will be final.

PARTICIPANT AND FEE:

No. of Participant: 2 Max

Registration Fee: 50 per participants

PRIZES:

Winner: `2000/- Runner: `1500/-

EVENT COORDINATOR:

1. Ms. Salunkhe Sharmila
2. Mr. Karande Mauli

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PROEXPO (Mechanical)

Event Objectives:

Objective of this event is to explore the new innovative ideas in the field of mechanical engineering by the students and give the platform to their skills.

Event Structure:

Single Round

Rules:

1. Projects, Mini-Projects, Prototypes, Sponsored projects are allowed.
2. Only heavy and robust project models can be presented by video.
3. Maximum 4 UG Students Participants per team. College ID compulsory.
4. Submit Title of project, Abstract and Conclusion with application. Also requirements (e.g. electric supply, s/w, Computer, or any other mechanical gadget etc.) after entry registration.
5. Decision taken by judges will be final.
6. Rules may be changed without pre-intimation. Participants should check the official website of CRETECHNOVA2K19 regularly.
7. Certificate will be given to every participant.

Participant and fee:

No. of Participant: Maximum 4

Registration fee: 200 Rs. Per team

PRIZES:

Winner: `3000/- Runner: `2000/-

Event Co-coordinator:

1. Sonawane Harshal (7057004627)

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ENIGMA (CKT Designing & Debugging)

EVENT OBJECTIVES:

EVENT STRUCTURE:

Round 1:Aptitude Test:

- A) 15 Question for 30 Marks
- B) Questions (Technical & Non-technical)
- C) Highest marks student qualify by next round

Round 2: Circuit Debugging

- A) Time: 1 Hour
- B) Find fault
- C) Right builder & fault finder students Qualify by next round.

Round 3: Buzzer Round

- A) Time: Half Hour
- B) Question on circuits
- C) Winner

PARTICIPANT AND FEE:

No. of Participant: 1 Max

Registration Fee: 50 per participants

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR:

1. Priyanka Dhanavade
2. Pratiksha Balgude

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ROBOMANIA (RoboRace)

EVENT OBJECTIVES:

The purpose is to learn about how to make a functional & multitasking robot, a more practical approach of understanding subjects like Robotics, Microcontroller, Electronics, Wireless etc;

EVENT STRUCTURE:

Round 1: (On Arena 'A')

Round will held for all competitors and the ROBOT performing task in time and getting maximum points will enter in final round

Round 2: Final Round: - (On Arena 'B')

RULES:

1. Robot should be as per the given specifications.
2. Variable DC power supply will be provided (Max 24 V).
3. Lego kits (any puller push arrangement) are prohibited
4. Wireless Robots are Welcome.
5. Max participants per team: 4 per Team
6. The Robot should not harm the track in anyway; if it happens at any point then Robot will be disqualified.
7. The decision will solely be made on the time & point basis and judge's decision will be final.
8. On the spot entries will be allowed only before the starting of first round
9. Decision taken by judges will be final.
10. Two hand touches are allowed for qualification with penalty of 10 sec. each and 1 hurdle skips are allowed for each skip with penalty of 30 sec. All penalties will be added in time of completion of round.
11. Rules maybe changed without prior intimation. Participants are requested to check the official [CRETECHNOVA2K19](http://www.cretechnovas2k19.com) website, regularly for updates.

Robot Specifications: (Max)

1. Size:-Length = 25cm.Width = 25cm.Height = 25cm.
2. Track width = 30cm.
3. Weight = 3.5Kg.
4. Wire length = 5m.

Eligibility Criteria

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

PARTICIPANT AND FEE:

No. of Participant: 4 Max

Registration Fee: Rs. 200/- per team/per participant

JUDGING CRITERIA:

The decision will solely be made on the time & point basis and judge's decision will be final.

PRIZES:

Winner: `3000/- Runner: `2000/-

EVENT COORDINATOR:

1. Hemant Godse (9096933589)

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PUZZLER

EVENT OBJECTIVES:

A puzzle is a game, problem, or toy that tests a person's ingenuity or knowledge. In a puzzle, the solver is expected to put pieces together in a logical way, in order to arrive at the correct or fun solution of the puzzle. There are different genres of puzzles, such as crossword puzzles, word-search puzzles, number puzzles, relational puzzles, or logic puzzles.

EVENT STRUCTURE:

Round 1: Number link

The player has to pair up all the matching numbers on the grid with single continuous lines (or paths). The lines cannot branch off or cross over each other, and the numbers have to fall at the end of each line (i.e., not in the middle)

Round 2: Arranging the Puzzle Pieces

Round 3: Solve the mystery

RULES:

1. Each group receives the same puzzle
2. One group should contain two members
3. No one gets to see the puzzle until the timer begins – the puzzle boxes are placed face down before the competition starts
4. Individuals or teams try to put the puzzle together the fastest
5. Rounds are a specified amount of time; if there is no declared winner by the end of the time limit, the winner is chosen by their remaining number of loose pieces
6. In the event of a tie, individuals or teams can be given an additional five minutes to work on the puzzle
7. There are no devices or outside assistance permitted while working on a puzzle
8. Two moderators help with the event – one to handle the timer and completion times, and another to observe and ensure that competitors are abiding by the rules
9. Individuals and teams are not allowed to distract or approach team tables when the competition is in progress

10. If opting for multiple rounds, progress by piece count with the top puzzlers proceeding to the next round

PARTICIPANT AND FEE:

No. of Participant: 2 Max

Registration Fee: Rs.50 per participant

PRIZES:

Winner: `2000/- Runner: `1500/-

EVENT COORDINATOR:

1. Trupti Chaware
2. Pooja Meher

[TOP^](#)

CATIA RACE

EVENT OBJECTIVES:

The objective of this event is to test the skills of students in the field Computer aided design (CAD).

EVENT STRUCTURE:

Round 1::All candidates complete given model within time, those candidates complete model in given time are eligible for second round

Round 2: In second round all candidates complete model within given time, those candidates complete model in minimum time with accuracy will declared as winner

RULES:

1. CAD Software for CATIARACE = CATIA V5R17
2. Two Rounds will be conducted
3. Max. Participants per team: - single
4. Time Duration: 20 min. for First Round and 15min. for second Round
5. Decision regarding final best 2 is done on the basis of time required for completion and accuracy
6. Decision taken by judges will be final.
7. Rules may be changed without prior intimation. Participants are requested to check the official ~~ORBIT~~ ~~NOVA~~ ~~2019~~ website, regularly for updates.

PARTICIPANT AND FEE:

No. of Participant: 1 max

Registration Fee: 50 per participant

PRIZES:

Winner: `2500/- Runner: `2000/-

EVENT COORDINATOR :

1. Mayuresh Uddhav Gargade 9503313931 [TOP^](#)

BOAT RACE

EVENT OBJECTIVE:

The boat that reaches the finish line first will be declared the winner of the race. Reaching the finish line in the quickest possible time requires physical and mental strength , high level of stamina when competing in event.

EVENT STRUCTURE:

Round 1: Trail Round

Round 2: Winner will be selected on the time basis.

RULES :

1. Maximum battery voltage allowed is 12 V DC.
2. Weight of boat should not be more than 1.5 Kg.
3. Tolerance of %5 is acceptable.
4. No readjustment is allowed during the Race .
5. Maximum 3 attempts can be given to each Participant.
6. A team of 2 members are allow to participiate.
7. If the opinion of the refery, a boat is deliberately swaped or capsized the race offocials reserve the right to disqualify the crew from any official standing and may disqualify the offending team from further participation in th event.

PARTICIPANT AND FEE:

No. of Participant: max 2

Registration Fee: 50 per participant

PRIZES:

Winner: `3000/- Runner: `2000/-

EVENT COORDINATOR :

Prof. Lakade S.S. (Contact : 7709980188) Mane Kishor Pansare Vikas [TOP^](#)

PROEXPO (Electrical)

EVENT OBJECTIVES:

Objective of this event is to explore the new innovative ideas in the field of electrical engineering by the students and give the platform to their skills.

Event Structure:

Single Round

RULES:

1. Projects, Mini-projects, Prototypes are allowed.
2. Submit abstract & requirements (e.g. electric supply, s/w, pc etc.) up to 18th Feb.
3. The round will be conducted
4. Technical interview from external
5. No negative Marks System.
6. Decision taken by judges will be final.
7. At least 50% Hardware is required.
8. Only Heavy & robust models can be presented by video clips.
9. Rules maybe changed without prior intimation. Participants are requested to check the official website regularly for updates.

PARTICIPANT AND FEE:

No. of Participant: **4 Max**

Registration Fee: **200**

PRIZES:

Winner: `3000/- Runner: `2000/-

STUDENT COORDINATOR

1. OmkarWalke - 8412951410
2. OmkarAgalave -8888736353

[TOP^](#)

DARE TO SPEAK

EVENT OBJECTIVES:

To provide suitable platform for students development their speaking skills, reading habits, confidence, presentation skills and self-learning awareness etc... Make the students aware of current development in their field.

RULES:

1. Participant can use Hindi, English, Marathi language.
2. Maximum 3 min for speaking and last 30sec for conclusion.
3. Once subject is given then it cannot be changed.
4. Only coordinators have authority to change rules as per condition.
5. Decision taken by judges will be final.
6. Certificate for each participant will be given.
7. Selected candidates should bring their identity card at the time of event.

PARTICIPANT AND FEE:

No. of Participant: 1

Registration Fee: 100 per/student

PRIZES:

Winner: `2000/- Runner: `1500/-

SPECIAL RESTRICTIONS:

1. Violence is not allowed while speaking.
2. Undesirable statements are not allowed.

JUDGING CRITERIA:

Speaking skills, confidence level, effective statements and Proper conclusion.

TOPICS:

- Social Issues, Current affair, Do and don'ts, Future Issue.

(Above mentioned are main category under this sub topic will be given) [TOP^](#)

COMPUTER GAMING (CS)

Event Objective :

Objective of this event to give opportunity to E-sport players. Give the platform to their skills.

Event Structure:

CS(4*4 Team Match)

Multiple Round

Offense:	Terrorist Side
Defense	Counter-Terrorist Side
Round:	One 1 minute 45 second cycle on a map
Half:	5 rounds of play on a defending or offensive side
Half time:	The period between halves in which teams swap sides
Match:	First team to win 6 total rounds, or the single overtime round
Overtime:	In the case of a 5-5 score at the end of regulation play, Death match

Game Format:

Competition Method:	4 vs. 4
Players:	8 total (4 on each team)
Rounds:	10 rounds for regulation play
Max Rounds Format:	5 rounds as Offense, and 5 rounds as Defense per team until the

victory condition is met

Buytime: 15 seconds

Startmoney: \$800 for regulation play, \$16,000
for overtime periods

Freezetime: 5 seconds

C4 Timer: 30 seconds

Map Pool:

- de_dust2
- de_inferno
- de_nuke
- de_train

Participant And Fees:

No.of Participant :4 Max

Registration Fee:100/- per team

*** Re-entry and Sopt - Entry Available**

Re-entry Fee:50/- per team

Prizes :

Winner: 2000/-

Student Co-ordinator(4*4):

1. Rushikesh Pisal:9139858307
2. Yogesh Rasal:8625869425

CS (HEAD TO HEAD)

Multiple Round

Offense:	Terrorist Side
Defense	Counter-Terrorist Side
Round:	One 1 minute 45 second cycle on a map
Half:	5 rounds of play on a defending or offensive side
Half time:	The period between halves in which teams swap sides
Match:	First team to win 6 total rounds, or the single overtime round
Overtime:	In the case of a 5-5 score at the end of regulation play, Death match

Game Format:

Competition Method:	4 vs. 4
Players:	2 total (single player)
Rounds:	10 rounds for regulation play
Max Rounds Format:	5 rounds as Offense, and 5 rounds as Defense per team until the victory condition is met
Buytime:	15 seconds
Startmoney:	\$800 for regulation play, \$16,000 for overtime periods
Freezetime:	5 seconds

Map Pool:

- de_Untitled
- de_Dima

Participant And Fees:

No.ofParticipant:1 Max

RegistrationFee:50/-

***Re-entry and Spot-Entry Available**

Re-entry Fee:50/- per participant

Prizes:

Winner:1500/-

Student Coordinator (Head to Head):

1. Akshay Saste:7972086388
2. Saurabh Rawal: 9657966811

[TOP^](#)

PROEXPO (COMP/IT)

EVENT OBJECTIVES:

Objective of this event is to explore the new innovative ideas in the field of computer engineering by the students and give the platform to their skills.

Event Structure:

Single Round

RULES:

1. Projects, Mini-projects, Prototypes are allowed.
2. The round will be conducted Technical interview from external
3. No negative Marks System.
4. Decision taken by judges will be final.
5. At least 60% project is completed.
6. Power Point presentation with max 10 slides is allowed.
7. Rules maybe changed without prior intimation. Participants are requested to check the official website regularly for updates.

PARTICIPANT AND FEE:

No. of Participant:**4 Max**

Registration Fee: 200/- per group

PRIZES:

Winner: `3000/- Runner: `2000/-

STUDENT COORDINATOR