

RULES & REGULATIONS SHODH 2018

Department - Electronics & Telecommunication Department

Event – 1. Paper Presentation

- The competition is open to all undergraduate students
- Content must be related to Electronics and Telecommunication Engineering.
- There is no limit to the number of students that may participate and Entries for the contest shall be limited to one paper per student, and two students per paper (Dual authorship not permitted). Every participant group will have to make an Oral Presentation based on the accepted paper. Registration fee is Rs.150/ per group.
- The paper size should be A4. The paper must be in standard IEEE format. The preferred font is Times New Roman. Font Size=12 and Line Spacing=1.5. Papers should be no longer than 6 pages, including all text, figures, and references.
- The Presentation should not have appeared in any publications
- The participants will have to present their papers in MS-Power Point (ppt) format only and hard copies of the same are to be submitted before presentation.
- For presentation maximum time is 7 minutes and there will be 3 minutes for query and answer session.
- The student who wrote the paper must present; therefore, no substitute presenters are allowed. A student unable to present is automatically disqualified from the contest. The presenter must register for the conference before the deadline given for author registration. Failure to register before the deadline will result in automatic withdrawal of the paper.
- The decision of the judge will be final and binding.
- The winners will be awarded with certificates and cash prizes and all the candidates will get participation certificates.

IMPORTANT DATES:

Submission of Paper	05/10/2018
Last Date of registration	02/10/2018
Date of presentation	05/10/2018
Contact	Lavesh Satim - 9860119474

Event – 2. Poster Presentation

PART I - ENGINEERING

- A maximum of 2 participants per team are allowed. Team Registration fee is Rs.100/-
- One panel is available for display of each poster. To fit comfortably within the poster frame, posters must not exceed 36 inches wide x 48 inch high with 1” margin on all side.
- Electrical outlets will not be provided in the poster presentation area.
- Posters should be readable from a distance of 6 feet (2 meters).
- The poster should be self-explanatory.
- Neither commercial activities nor any advertising may be displayed on the posters.
- Proper explanation must be essential of each and every parameter visualize in the poster.

Topics: (Not limited to....)

- Systems & Standards for Wireless Communication
- Fiber Optic Communication
- Satellite Communication
- Telecommunication Technologies
- Digital Signal ,Image, Video & Speech Processing
- Semiconductor Technology
- VLSI and Embedded Design
- Micro Electronics
- Robotics
- Mechatronics
- Adaptive Control and Automation
- Antenna Design
- RF Circuit Design and Applications
- Power Electronics ,Drives & Control
- 3G/4G Communication
- Recent Trends in Communication

PART II – COLLEGE

- A maximum of 2 participants per team are allowed. Team Registration fee is Rs.100/-
- One panel is available for display of each poster. To fit comfortably within the poster frame, posters must not exceed 36 inches wide x 48 inch high with 1” margin on all side.
- Electrical outlets will not be provided in the poster presentation area.
- Posters should be readable from a distance of 6 feet (2 meters).
- The poster should be self-explanatory.
- Neither commercial activities nor any advertising may be displayed on the posters.
- Proper explanation must be essential of each and every parameter visualize in the poster.

Topics: Any topic related with science and technology and more.

IMPORTANT DATES:

- A poster should be submitted/registered on or before 05/10/2018.
- Participants will be informed about the selection of the respective poster by 05/10/2018.
- Last date of registration is 3/10/2018. Contact- Samprit Gowd- 9623291361

Event – 3. Project / Model Competition

MINI PROJECT (FOR DIPLOMA STUDENTS)

- A maximum of 3 participants per team are allowed registration fee in RS.150 per team.
- Participants will be provided with only one table and one electricity connections socket.
- An abstract of not more than 500 words should be submitted.
- It should contain all major details about project.
- Participants will be informed about selection of respective models.
- If any special type of material is required in the project, the requirement for the same should be submitted well in advance.

MAJOR PROJECT (FOR ENGINEERING)

- A maximum of 4 participants per team are allowed registration fee in RS.200 per team.
- Participants will be provided with only one table and one electricity connections socket.
- An abstract of not more than 500 words should be submitted by .
- It should contain all major details about project.
- Participants will be informed about selection of respective models.
- If any special type of material is required in the project, the requirement for the same should be submitted well in advance.

NOTE:-

- Participants will be informed about the selection of the respective models by 1/10/2018 and last date of registration is 04/10/2018. Contact-Siddhesh - 8412005894

Event – 4. Calciwar Competition

- A maximum of 1 participant per team are allowed and Use of Calci is allowed.
- The maximum time limit for designing the program is as follows:-
 - Round-I: 20 min.
 - Round-II: 40min.
 - Round-III: 1 Hr.
- Entry fee per participants is Rs. 50/-

IMPORTANT DATES:

- Last date of registration is 05/10/2018.

Spot entries will be allowed. Contact- Siddhi Chavan- 7757092397

Event – 5. Technical Fashion Show

- A maximum of 2 participants per team are allowed. Team Registration fee Rs.100/-
 - 1st round: - Throw and Catch(Elimination Round)**
 - 2nd round: - Memory Test (Elimination Round)**
 - 3rd Round: Technical Fashion Show.**

- The decision of the judge will be final and binding.
- Last date of registration is 05/10/2018.
- Spot entries will be allowed. Contact- Sonali -9552344677

Event – 6. MYSTERY BOXES

- A maximum of 4 participants per team are allowed. Registration fee is Rs.150/- per team.

Round 1: Puzzle solving.

Round 2: Quiz (Elimination Round)

Round 3: Laser Maze Running(Elimination Round)

Round 4: Mystery Box(4 groups)

IMPORTANT DATES:

- Last date of registration is 05/10/2018.
- Spot entries will be allowed.
- The decision of the judge will be final and binding. Contact- Nikhil - 8308010827

Event – 7. ROBORACE Competition

CHALLENGE:-

“More speed, more power with minimum time”

- Cover maximum distance in shortest possible time, challenging the hurdles and be one of the best opponents.
- Robo is provided by event organizers.
- Controls of robo are reversed. Forward X Backword ,Left X Right
- The team of 2 members is only allowed. Registraion Fees is 100 per team.
- Each member from same college is not mandatory.
- In case the robot moves out off the arena, the robot will be placed at the previous checkpoint.

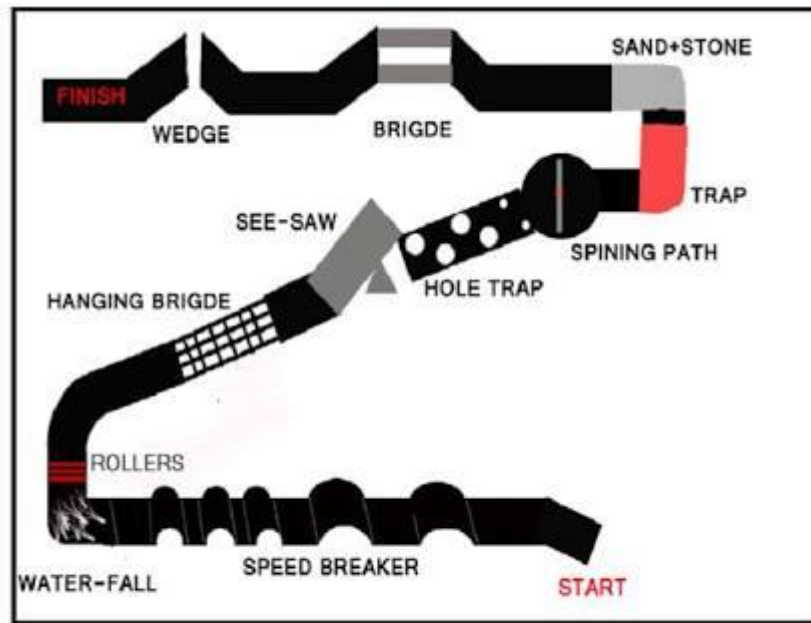
- Once the race begins, three hand touches are allowed, if you're taking hand touch you have to start from last check point.
- No test practice will be allowed on the main arena.
- moving robo with remote control's wire is not permissible otherwise team will be disqualified.
- wire should remain slack throughout the race. It should not disturb the arena or the participants. If so then the team will be disqualified.
- The arena may subject to change before the commencement of any round.
- Unfair game may lead to disqualification of the team.
- If the Robot crosses a checkpoint, and moves off track, then the Robot would be placed back on the previous checkpoint crossed. Three chances are given to re track robo.
- The decision of the judges will be final and abiding. Argument with judges in any form will lead to the disqualification of the team

EVENT RULES

- The game play consists of two rounds (a qualifying round and a final round).
- Prelims- The participating teams will drive robot individually in a track for preliminary round.
- Finally from last two teams who finish the race quickly will be declared as winners.
- The track may contain very few stable obstacles.
- The other penalties and scoring points will be informed on the spot.
- There is no penalty for the final round.

ARENA

- Track width is 40 cm.
- The track surface and course line may have unevenness.
- There might be abrupt angles, but these will not exceed 30 degrees.
- There will be certain obstacles in the race track which will try to slow down the robot.
- The design and size of the obstacles may vary from that shown in the pictures.
- Major changes will be notified on the website.
- Arena will consist of switch gate, speed breakers, marble pit, slippery path, rotating disc, curve ramp down, seesaw, balloon pit, slotted ramp etc.



- NOTE: - Arena may update.

For Registration or enquiry

Contact:- Mr. Omkar M. Dandekar (8898865508)

Mr. Sujit (7719954452)

Ms. Siddhi (7757092397)

Last date of registration is 05/10/2018.

- Spot entries will be allowed.
- The decision of the judge will be final and binding.