

YAGNA DHRUVA 2K18

# ***YAGNA EVENTS***

**2k18**

**RULE BOOK**

# **1.ROBO SOCCER**

## **Event Description**

*The empire of the queen awaits, for the robo to conquer the arena*

This event is a platform for participants to showcase their robotics talents and also to bring alive the football spirit. They are required to build a manually controlled or an automatic robot capable of playing soccer on an arena specially designed for the robotic soccer match. The goal of this event is to make a Soccer Playing Robot of any type (e.g. wheeled/hexapod/biped/robotic arm on wheel etc.), controlled using any mechanism, (e.g. DPDT switch based remote box, hand gesture controlled using acceleration sensor, wireless modules/devices – TV Remote, CC2500, Bluetooth etc.) to traverse the arena in a predefined path by avoiding collisions from obstacles (represents opponents), clearing different checkpoints & push/pull/kick a ball from a specified point into the goal post to score maximum points within the shortest period of time.

## **Format**

### **Round 1: Knock out Round**

- Number of matches may depend upon the number of participants.
- Match Duration will be 6 min.

### **Round 2: Semi Finals**

- 4 teams shortlisted from Knock out goes through to play the Semi finals.
- All teams will have to play 1 match each against an opponent team.
- Match Duration will be 8 min.

### **Round 3: Finals**

- Match Duration will be 10 min.

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- The score at the end of this round will decide the winner of that round.

### **Judging Criteria**

- Goals scored from inside the penalty area will earn 1 point.
- Goals scored from outside the penalty area will earn 3 points.
- Goals scored via the penalty kick will earn 2 points.
- In case of a tie, winners will be decided via penalty shootout.
- If a team gets 3 fouls, then the opposing team will get a penalty shoot from the penalty mark.

### **Rules**

- Each team can have a maximum of 2 members.
- Registration fee: Rs 300/team.
- Dimension of robot must not exceed 35cm x 35cm x 35cm and weight must be less than 5 kg.
- Length of the robot's wire must be at least 4m.
- The ball can be either dragged or pushed by the robot .In case of jam-up of robots for more than 30s, the game will have to kickoff again as per the referee's command.

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- No need of defending the goal post on your half.
- If a robot hits an opponent robot intentionally, then it will be regarded as a foul.
- Decision of referee will be final and binding. Any act of misbehaviour or misconduct may lead to disqualification.
- The coordinators hold the right to change some of the rules without prior intimation.

## FAQ

- Should both the members of a team be from the same college?  
No, cross college participation is allowed.
- Can wireless robots be used?

Yes, the use of wireless robot is permitted.

- Should a team necessarily have 2 members?

No, even a single person can form a team. But maximum number of participants is limited to 2

## **PRIZES WORTH RS 18000/-**

**FIRST PRIZE: 12K**

**SECOND PRIZE: 6K**

**Registration Fee: 300/team**

**Event Heads      Anna: 9567804156**

**Anilamol: 9633986690**

**Sharon: 949772391**

## **2. TECH OLYMPIAD**

### **Event Description**

Are you a budding technocrat? Set goals that are ridiculously ambitious, amplify your power, and trot out your tech trivia to battle it out on the ultimate brainstorming battleground. Pit yourself against the toughest opponents to gain the majestic glory.

- Maximum of 3 participants per team.

### **Format**

Event will be conducted in 4 rounds

#### **Round 1**

General test and questions will be asked based on electronics, latest technology, theme, mad maths and general awareness.

#### **Round 2**

Participants should solve puzzles, crosswords etc based on technical topics.

#### **Round 3**

Each team will be given a technical topic and 2 minutes will be given to each team for discussion. One participant from each team has to speak on the topic for 2 minutes.

#### **Round 4**

Interaction with the judges

### **Judging Criteria**

- First round has 30 questions and 45 minutes. All will be objective type questions. Negative marks will be there.
- Second round will have 20 questions and 30 minutes. No negative marks.
- First two rounds will have elimination.
- Based on the scores awarded for the last two rounds, winners will be selected.
- Decision of judges will be final for the last two rounds.

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### Rules

- Team of maximum 3 members.
- Event consists of 4 rounds.
- First round has 30 questions and 45minutes.All will be objective type questions. Negative marks will be there.
- Second round will have 20 questions and 30 minutes. No negative marks.
- First two rounds will have elimination.
- In round 3, the selected participant from each team should speak on the technical topic.

### FAQ

1. How many participants per team?

Ans: 3 per team

2. Can people from different colleges form a team?

Ans: yes, members from different colleges can form a team together. There is no restriction on whether or not the members are to be from the same college.

3. Will participation certificate be provided?

Ans: yes. All participants will be provided participation certificate.

**Registration fee : Rs. 300/team**

**Prizes worth: 12000/-**

**1st – Rs. 8,000/-**

**2nd –Rs. 4,000/-**

**Event Heads : Ancy: 8281656685**

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**Bindhuja: 9446847208**

## **3.ELECTROBLITZ**

### **Event description**

The event eventually leads to test your knowledge for various electronic circuits and how well you can implement your circuit with the components provided.

### **Format**

Event will be conducted in five rounds. Each round description is as follows.

#### **Round 1 - Prelims**

- Written prelims will be conducted based on science, engineering, current technologies, electronic circuits and theory.

#### **Round 2 – Circuit designing**

- One or two members of the selected team should design a circuit based on the details given.

#### **Round 3 – Circuit debugging**

- The other member(s) of the team must debug the circuit designed by the team.

### **Judging criteria**

- Teams scoring the cut-off marks in round 1 will be qualified to round 2.
- Based on the scores awarded for the last two rounds, winners will be selected.
- Decision of judges will be final.

### **Rules**

- Team should comprise of either 2 or 3 participants.
- Event consists of 3 rounds.
- Circuit designing should be done with the components given.

### **FAQ**

1. How many participants per team?

Ans: 2 or 3 (no more, no less)

2. Do all participants have to be from the same college?

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Ans: No

3. Any pre-requisites to participate in this event?

Ans: A basic knowledge on electronic circuits and theory will be sufficient.

**Registration fee: Rs.200 /team**

**Prize Worth: 7500/-**

**First prize- INR 5,000**

**Second prize- INR 2,500**

**Event Heads : Aswathi: 9567419606**

**Malavika: 9061674360**

**Rohini: 7561002794**

## 4. YAGNA ELECTROCHALLENGE

### Event Description

Circuit board artists, show your talent in designing. Take your platform, the PCB and join up the lines. The Yagna is back with a new challenge. Design a circuit based on a problem statement and solder it up to obtain the output.

### Rules

- Each team comprises of 2 members
- The decision of the judge will be final

### FAQ

- How many participants per team?

2(no more no less)

- Will the components be provided?

Yes

- Will the soldering equipments be provided?

Yes

- Do all participants should be from same college?

No

### Judging Criteria

- Working of soldered circuit
- Neatness of soldering

### Format

- Initially the participants are to design the circuit whose details are provided
- The designed circuit should be implemented by soldering it in a PCB
- The components will be provided to the participants

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- The output will be verified by the judge

**Registration Fee: Rs 200/Team**

**Prizes Worth: Rs. 7,000/-**

**First Price: 5k**

**Second Price: 2k**

**Event Heads: Anju: 7034282048**

**Ansa: 953978202**

**Ramseena: 8113915651**

## **5. TECHNOFUN**

### **Event description**

Yagna Dhruva 2018 presents you 'Technofun', a platform to showcase your presence of mind and analytical skills rather than your technical knowledge. The event consists of 2 rounds. First round is 'Tech charades', which test your enacting skills. Second round is 'Techie Smiley' to check your expertise in deciphering smileys. This event gives a platform for all the students irrespective of their engineering field and give you a chance to win prize worth Rs 4.5K

### **Format**

#### **Round 1 - Prelims**

Written prelims will be conducted based on science, engineering, current technologies, electronic circuits and theory.

#### **Round 2 - Tech charades**

One member of the team has to enact the technical words given, to the team members.

#### **Round 3 – Techiemiley**

One or two members of the team will be given a technical passage that should be converted into a passage with symbols based on creativity and logic.

Other member(s) of the team must decode it back to the original passage.

### **Judging criteria**

- Teams scoring the cut-off marks in round 1 will be qualified to round 2.
- Based on the scores awarded for the last two rounds, winners will be selected.
- Decision of judges will be final.

### **Rules**

- Team should comprise of either 2 participants.

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- Event consists of 3 rounds.

### FAQ

- How many participants per team?

Ans: 2 (no more, no less)

- Do all participants have to be from the same college?

Ans: No

**Registration fee: Rs.200 /team**

**Prizes Worth: Rs.4,500/-**

**First prize- INR 3,000**

**Second prize- INR 1,500**

**Event Heads: Muhasina Khader: 7025765973**

**Vrinda Natarajan: 9497271428**

## **6. PREZENTAIRE - Paper Presentation** **(EC/AEI/EEE)**

### **Event Description**

The rendezvous of knowledge, innovation and confidence - master minds..create this! The podium is all yours! Present a paper related to fields of engineering - Electronics & Communication, Applied Electronics & Instrumentation, Electrical & Electronics

### **Rules**

- Each team should have a maximum of 2 members.
- Competition consists of two rounds, first round is online short listing of ideas, and second round is presentation during Yagna Dhruva'18.

### **Format**

#### **First Round**

- Participants need to submit abstract of the topic in about 200 words. It must be submitted electronically to [yd18ecae@gmail.com](mailto:yd18ecae@gmail.com). Last date of submission is March 7th, 2018.

#### **Second Round**

- Selected teams will be called in for final presentation.
- Soft copy of the paper and hand outs must be submitted before March 7th, 2018.
- Two hard copies of the paper has to be submitted on the day of presentation
- The papers are to be within A4 size page, typed in Times New Roman font, size-12, with one and half spacing, two column IEEE format
- Time for presentation is 15 minutes followed by discussion

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- Laptop and LCD projector will be provided.

**Prizes worth:Rs. 4,500/-**

**1st prize – 3000/-**

**2nd prize– 1500/-**

**Registration Fees: Rs 200/ team**

**Event Heads : Akhila: 9495449852**

**Vidhya: 9496797344**

## **7.ARDUINO BUZZ**

### **Event Description**

The event **ARDUINO BUZZ** comprises of three rounds that needs to be cracked to achieve the final goal. The event basically tends to evaluate the extent of knowledge in ARDUINO basics and programming and how well it can be incorporated in practice to form a working model.

### **Format**

Event will be conducted in 3 rounds. Each round description is as follows

#### **Round 1: Test**

Written test based on Arduino Basic

#### **Round 2: Programming skill**

The teams will be tested on their Arduino programming and logic skills Round 3:  
Working Model

Top Teams will be given a topic. The team will have to make a working model based on the topic using the given components and Arduino board

### **Judging Criteria**

- Teams scoring cut-off marks in round1 will be qualified to round 2.
- Based on the scores obtained in second round , teams that have scored the cut-off will be qualified to the third round.
- Prize will be rewarded for the team having an Overall best presentation for the topic given in the Final round.

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### Rules

- Team should comprise of 2 participants Event consists of 3 rounds
- Each round will have an elimination

### FAQ

- How many participants per team?  
Ans: 2
- Do all participants have to be from the same college?  
Ans: No
- Should we bring the arduino kit?  
Ans: No.
- Will laptop be provided?  
Ans: No

**Registration fee: Rs 200/team**

**Prizes Worth: Rs.3,000/-**

**First prize: Rs 2000/-**

**Second prize: Rs 1000/-**

**Event Heads :**

**Nishajith:989583649**

**Nivedha:9496223855**

**Shilpa:9895454980**

## **8.BEST ENGINEER**

### **Event Description**

If you are an engineer, which category do you belong to. Just a title that can be tied with your name or a person with real commitment to the society. If you are really passionate, then 'BEST ENGINEER' gives you the chance to prove yourself as the best.

The event consists of two sections. A prelims round, that evaluates your overall knowledge in the fundamentals. The shortlisted students will have an interaction with judges where your attitude towards general problems and problem solving skills are assessed.

Engineers are born not made. Be enthusiastic, be the best. We give you a platform to express yourself.

### **Format**

Event will be conducted in two rounds.

- Round 1

Written prelims will be conducted based on S1S2 basics of EC, AE, CS, IT, CIVIL.

- Round 2

Shortlisted participants will have an interaction with the judges.

### **Judging Criteria**

- How effectively technical knowledge is used to find out solutions for real world problems.
- Practical implementation of technical knowledge.

The decision of the judges will be final.

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### **Rules**

- Individual event.
- The decision of the judges is final.

### **FAQ**

Q1. What will be the pattern of prelims?

Ans: MCQ based on S1S2 basics of EC, AE, CS, IT, CIVIL.

Q2. Whether this event involves team participation?

Ans: No it is an individual event.

**Registration fee: Rs. 100/head**

**Prize Worth - 3000 INR**

**Even Heads : Adithya: 8281881167**

**Amrutha: 8089388869**

**Saranya: 9020584466**

## **9. MATLAB CODING**

### **Event description**

The event MATLAB CODING tests your knowledge in Matlab and takes you through 2 exciting levels to exhibit your talents in coding.

### **Format**

Event will be conducted in two rounds. Each round description is as follows.

#### **Round 1-Prelims**

- This round consists of a written test. Basic questions in Matlab and some simple programs will be asked.

#### **Round 2-Coding**

- This is the coding round. It has three questions, each of different difficulty level.

### **Judging criteria**

- Teams scoring the cut off marks in round 1 will be qualified to round 2.
- In round 2, the average score of the participants in the three difficulty levels will be taken.
- Decision of the judges will be final.

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### Rules

- Team should comprise of 2 participants.
- Event consists of 2 rounds.
- First round has elimination.

### FAQ

1.How many participants per team?

Ans. Exactly 2.

2. Will the judgement be taken based on the difficulty level of the question answered?

Ans: Yes.

**Registration fee: 100/- head**

**Prizes Worth: Rs.2,000/-**

**First prize -INR 1,500/-**

**Second prize –INR 500/-**

**Event Heads: Sruthi: 9400953309**

**Gowri Reshma: 9497289844**

**Aswini: 9539506894**

## **10.ULTIMATE GAME CHALLENGE**

### **Event Description**

The game is to challenge the master brains of new technical world from all branches. The contest is of 3 rounds (2 per team) where there will be elimination in each round according to the participants' faster and accurate method of problem solving. The students (of all branches) who are aware of latest news in technical world with basic coding skills and efficient in problem solving are highly welcome.

### **Rules:**

- 1) A team should consist of two members.
- 2) Competition consist of 3 rounds which includes image analysis,blind coding and word hunting as final round.
- 3) Participants will be shortlisted after the first and second round.

### **Judging Criteria:**

- Will be decided based on accuracy in answering within the limited/shortest time.
- Decision will be final and binding.

**Prizes worth: Rs.14,000/-**

**1 st prize: 9k**

**2 nd prize : 5k**

**Registration Fee: 100/- per head**

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**Event Heads: Athira Nirmal-9497642589**

**Juhi Fathima- 7025129128**

**Aishwarya V Nair- 8075421929**

## **11.PENTATHLON**

### **Event Description**

The prominent aspect of PENTATHLON is the point system, whereby each competitor is awarded a certain number of points based on their performance in each specific round .It consists of 5 steps,5 chances to show your knowledge in the coding skills.

### **Format**

#### **Round 1 Written Test**

The written test will be based on C/C++/Java.

#### **Round 2 Code Swap**

Each temmate will be given each program to execute.Midway through the program the temmates were asked to swap and continue with their respective temmate's code.Based on the errors on compiling the program,points were deducted and given accordingly.

#### **Round 3 Rapid Fire**

In this round,2 set of problem statements will be given.Easy and Difficult.Easy codes will fetch less point and difficult ones fetch more points.The team have to pick a chit having the problem statements from the set they chose.A time limit is given.In this time limit,they have to execute as many programs as possible.Till the current program that they were working on doesn't correctly executed,they are not allowed to move to next one.

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### **Round 4 Coding**

This is also a coding round. A problem statement will be given and the participants should execute the program in C language with the time limit.

### **Round 5 App Development**

This round involves developing of app with the instruction given by the judge.

### **Rules**

- A team should consist of two members.
- Participants will be shortlisted after third round.
- Each team should have a laptop.

### **Judging Criteria**

- Will be decided by the panel of judges.
- Decision will be final and binding.

**Prizes worth: Rs.15000/-**

**1st-10,000/-**

**2nd-5000/-**

**Registration fee: 100/- per head**

**Event Head: Anuja R Nair - 8289985075**

**Archana T - 9497343422**

**Thanzeema N R -8848515914**

## **12.CODE RACING**

### **Event Description**

A platform where you can show off your computer programming skills and win exciting prizes...

### **Rules**

- A team of atmost two members could participate.
- Competition consist of two rounds.

### **Round 1**

A set of code with its corresponding input and output will be given.Each piece of code will have errors in it.These errors can be logical or syntax or semantics.The team who solves maximum no: of codes will be selected for next round.

### **Round 2**

A set of input and its output will be given.the participabts has to find the relationship between them and design the code.Certain rules will also be given for coding among with input and output.

Programing language:C/CPP

**Prizes worth: Rs.12,000/-**

**1<sup>st</sup> prize-8000/-**

**2<sup>nd</sup> prize-4000/-**

**Registration fee: 100/- per head**

**Event Heads: Lija Mannathara-9746430494**

**Gayathri J.L-8113902694**

**Dency James-8086642034**

## **13.C GAMING**

### **Event Description**

Do you think you are a programmer in coding? Do you think you are a programmer in coding? Well here we are giving you an opportunity to rock at both.

### **Rules**

- Preliminary round consist of Tech mcq of 50 questions for 60 minutes.
- Individual or team of two can participate.
- Selected participant will be given a C program question to develop a simple game.
- Time for programming is 45 minutes.
- Program should be error free and accurate to the expected output and should work in any input conditions.

**Prizes Worth: Rs.12,000/-**

**1<sup>st</sup> prize - 8000/-**

**2<sup>nd</sup> prize - 4000/-**

**Registration fee: 100/- per head.**

**Event Heads: Veena A.K - 9048186523**

**Saranya k - 7025028342**

**Reshma Umadevi - 9497522208**

## **14.PREZENTAIRE : CS/IT PAPER**

### **PRESENTATION**

#### **Event Description**

This platform is to expose your talent and in-depth knowledge on your interested areas via presentation .This participants are expected to submit the IEEE base papers for presentation.

#### **Format**

The papers are to be within A4 size page,typed in Times New Roman,font size-12,with one and half spacing,two column IEEE format.

#### **Rules**

- A team should consist of two members.
- Competition consist of two rounds,first round is online shortlisting of ideas and sections is presentation during Yagna Dhruva'18.
- First round participants need to submit abstract of the topic in about 200 words through [csitptyd2k18@gmail.com](mailto:csitptyd2k18@gmail.com) (on or before 7/03/18).
- Selected team will be called for final presentation.
- Should bring two hard copies of the paper on the day of presentation.
- Presentation should consist of 12-15 slides and the duration of presentation is 15 minutes followed by discussion.

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## **Judging Criteria**

Judging is based on relevance of the topic and presentation.

**Resource:** IEEE papers

**Prizes worth:** Rs.5,000/-

**1<sup>st</sup> prize - 3000/-**

**2<sup>nd</sup> prize - 2000/-**

**Registration fee:** 100/- per head

**Event Heads:** Parvathy Sarath - 8606037965

**Shradha Sreeram - 9746227689**

## **15.WEB DESIGNING**

### **Event Description**

YD 2018 proudly presents web designing,an opportunity to bring out your creativity and technical skills in developing websites.Grab this opportunity and explore,assess yourself under eminent soul.

### **Rules**

- Team event, at most 2 participants per team.
- Participants can use Code Editor of their liking.
- Participants can use any language,platform,images or library on the internet that are popular,open source/free to use. And they may use snippets from official documentation of respective framework or library. Use of any code other than official snippets will lead to disqualification.
- Use of pre-coded files by the participants will lead to disqualification.
- A sheet of paper will be given to participants. He/She should note down the code comments,library/framework names, significance of codes etc. This will be submitted to judging panel for evaluation.
- Participants can bring their laptop computer with ethernet port and firefox web browser and required editors installed. Participants are allowed to use LBSITWs computer facility provided that installing and setting up is their responsibility, coordinators and judges will not be responsible for any error due to misconfiguration or installation technical problems.
- Rules are subjected to changes, and judge"s decision is taken as final.

## **Judging Criteria**

- Judging panel will inspect the code, performance, compatibility as well as good practices, each of them have points in final verdict.
- Participants have to attend a face to face interview with judging panel.
- Your knowledge in respective framework and in depth knowledge in implementation will be evaluated.
- Participants will have to change the codes during the judge panel interview to inspect the genuinity of code.

**Prizes worth: Rs.7,000/-**

**1<sup>st</sup> prize - 5000/-**

**2<sup>nd</sup> prize - 2000/-**

**Registration Fee: 100/- per head**

**Event Heads: Krishnagayathri B.R.- 9447921274**

**Gopika Muraleedas - 8129262678**

## **16. ANDROID DUOS**

### **Event Description**

How good are you in android coding? YD-2k18 proudly presents Android Duos for technical aspirants. Here you have to identify a problem which you want to solve, and then build an app to solve it.

### **Judging Criteria**

- Judging panel will evaluate the code, performance, compatibility as well as good practices, each of them have points in final verdict.
- Participants have to attend a face to face interview/interaction with judging panel
- Your knowledge in respective framework and in depth knowledge in implementation will be evaluated.

### **Rules**

- App on the spot!
- Maximum of 2 participants per team
- Contestants have to develop an app based on a theme given on-the-spot.
- Selected teams will present their apps before a panel of judges.
- Laptops should be brought by the contestants

**Prizes worth: Rs. 8,500/-**

**1st [prize – 5,500/-**

**2<sup>nd</sup> prize –3,000/-**

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**Registration Fee: 100/- per head**

**Event Heads: Aathira Sivan: 7356075128**

**Aparna JS: 8289900887**

## **17.CONDOUR**

### **Event Description**

Do you make random sketches in the margins of your notebooks???Yes!!!Then you have got a hidden doodle artist in you. Doodles are simple drawings that can have concrete representational meaning or may just be composed of random and abstract lines This event is for all those doodlers out there who are just waiting for their talent to get discovered!!!

### **Format**

- The task is to draw a doodle based on a tech theme.
- The theme will be given at the commencement of the event.

### **Rules**

- Individual Event.
- All participants will be given 2 hours to submit the work.

### **Judging Criteria**

- Will be decided by the panel of judges.
- Judges Decision will be final and binding

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**Prizes worth : 7,000/-**

**First Prize: 4,000/-**

**Second Prize: 3,000/-**

**Registration fee: 100/- per head**

**Event Heads: Reshma Marry Sunil : 8137835138**

**Neena Sara Thomas : 8301041206**

## **18.TECHIE-TECH**

### **Event Description**

TechieTech is an endeavor which greets the technical enthusiasts to manifest their technical insight conjointly the conferral matters.

### **Rules**

- Individual event
- Three rounds a/re included altogether
- First round analyze the technical know-hows of contestants in basic engineering.
- Second round will give complete focus on technical attributes
- Shortlisted participants are directed to appear the Tech Jam where the decision of judges will be ultimate

### **Judging Criteria**

Based on the technical knowledge and how it's rendered.

**Prize worth: Rs. 7,000/-**

**First prize - 4500/-**

**Second prize - 2500/-**

**Registration fee: 150/- per head**

**Event Heads: Neelima - 8089103395**

**Roshini – 8075869653**

## **19.TRIATHLON**

### **Event Description**

Are you good at coding. Then here is a chance to show your skills. As part of YD 2018 we present Triathlon a three level coding extravaganza to bring out the coder in you.

### **Format**

- The event comprises of 3 rounds
- Written prelims based on C,C++,JAVA.
- Qualifying teams will go in 1 session for duration of 1 1/2 hrs and you have to debug the code in C,C++.(written)
- Shortlisted teams will go in for a practical session for duration of 1 1/2 hrs and you have to code a program (using C, C++,JAVA etc)

### **Judging Criteria**

Judging will be based on time taken to solve and logic used in solving

### **Rules**

- Maximum of 2 participants per team
- Judges" decision will be final and binding.

**Prizes worth: Rs.4500/-**

**1st prize – 3,000/-**

**2nd prize – 1,500/**

**Registration fee : 100/- per head.**

**Point of Contact : Anjali devi - 7736679915**

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**Megha.S - 8848681896**

## **20.MINESWEEPER**

### **Event Description**

From Facebook to Zomato to your smart phones, databases are everywhere!! Here is a chance to check your database skills. From the nitty gritty of the trivialist relationships, to the largest tables, design your way through the given scenarios and show your database design skills.

### **Rules**

- Maximum of 2 participants per team.
- The event consists of 2 rounds-Prelims and Finals.
- Prelims will be a written round based on DBMS, SQL, data models, database schema and query
- optimization.
- Shortlisted teams have to design a relational database schema based on given scenario.

### **Judging Criteria**

- Database coding should strictly follow the scenario.
- Judge's decision will be final.

**Prizes worth: Rs. 4,000/-**

**1<sup>st</sup> prize – 2,500/**

**2<sup>nd</sup> prize – 1,500/-**

**Registration Fee: Rs. 75/- per head**

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**Event Heads**

**Renuja L - 8129263271**

**Shinzy Kahar - 892164395**

## **21.Avant Garde Paper Presentation**

### **(Mechanical)**

#### **Event Description**

This platform is to expose your talent and in-depth knowledge on your interested areas via presentation. This participants are expected to submit the IEEE base papers for presentation.

#### **Format**

The papers are to be within A4 size page, typed in Times New Roman, font size-12, with one and half spacing, two column IEEE format.

#### **Judging Criteria**

Judging is based on relevance of the topic and presentation.

#### **Rules**

- Maximum team size is two
- Topics –Innovative ideas & research topics
- Abstract of your topic are to be mailed to [yd16mechppt@gmail.com](mailto:yd16mechppt@gmail.com) in .docx or .pdf format before March 9<sup>th</sup>
- Details of participants should be send with your abstract
- Selected team will be informed via mail& phone
- Selected participants should bring one hard copy & one soft copy of the paper on the
- day of presentation
- Format – A4 size page , Font – Times New Roman, Size – 12pt, Line Spacing – 1.5pt

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- Time limit of presentation – 10 min followed by discussion
- Decision of judges will be final & binding

**Registration Fee: Rs. 100/head**

**Prizes worth: Rs. 5,000/-**

**1<sup>st</sup> prize - 3000/-**

**2<sup>nd</sup> prize - 2000/-**

**Event Heads: Gayathri R Nair (9400371501)**

**Reshmi J.R (8301087168)**

## **22.TECH TREASURE HUNT**

***“LET THE HUNT BEGIN”***

### **EVENT DESCRIPTION**

Storm your brain and race against time; decipher each hidden clue and be the first to unearth the treasure. Each team must consist of 4 members.

### **FORMAT**

The event consists of two rounds- preliminary round and the finals.

### **ROUND 1**

The participants will have to answer a questionnaire of 20 questions in 30 minutes. The top 7 teams qualify for the next round.

### **ROUND 2**

In this round, the teams will be provided with their first clue simultaneously which when deciphered leads them to the next location in the campus where they have to perform a task revealed on spot to obtain the next clue. Following the series of clues, the first team to decipher all the clues will be adjudged as the winners of the event

### **JUDGING CRITERIA**

- The team which will find the final destination by deciphering each clue in least amount of time will be awarded with the winner certificate and a handsome cash prize.
- The team members must submit all the clues found in order to claim the prize.

### **RULES**

- Each team should comprise either 3 or 4 participants.

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- The clues are to be found in a particular order. Manipulation of the order of clues will lead to disqualification.
- During the event, team members cannot split up to find different clues. The entire team must stay together during the competition.
- Organizers serve the right to disqualify teams on the grounds of misbehavior and use of unfair means.

## FAQ

1) How many participants per team?

Ans:- 3 or 4

2) Do all participants have to be from the same college?

Ans:-No

3) Which streams are eligible for participation?

Ans:-All branches can participate in the treasure hunt irrespective of their trade.

4) Any pre-requisites required for the event?

Ans:-An adventurous mind and basic technical knowledge

**Registration Fee : 100/head**

**Prize Worth : Rs.6000/-**

**First Prize : 4000/-**

**Second Prize : 2000/-**

**Event Heads : Akshitha – 8301018460**

**Gayathri Gopi - 8301047035**

## **23.Situation Management**

### **EVENT DESCRIPTION**

Can handle any situation?? Let's check it!! As a part of YD 2018 we proudly present you situation management, a platform to showcase your problem solving and spontaneous thinking capability. It's time to grab this opportunity and to prove yourselves!! don't miss it!!!!

**Prize Money: The situation management winners will get a cash prize of 6000 INR.**

### **FORMAT**

- The event consist of 2 rounds.
- First round is a written prelim.
- Second round will be an interactive session with judges

### **JUDGING CRITERIA**

- The way of presenting your ideas
- Spontaneous thinking and problem solving ability.
- Clarity in expression of your ideas

### **RULES**

- Individual event.

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- The event has two rounds.
- Written prelims will be there.
- The second round will be an interactive session with the judges.

**Registration Fee: Rs100/head**

**Event Coordinators : Shemeena Rahim:-7736729871**

**Vijila Mol:-8921150192**