**EVENT DETAILS**

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**COLLEGE OF ENGINEERING THALASSERY**

**Contacts**

**VidyaDamodharan Arjun AK**

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**Event No: 01**

**ELECTRICAL LAYOUT DESIGNING- ELECTRICA ESTATICA**

 Creativity is the essence of design. Agnitus invites you onto the ultimate arena to test your creativity in precision electrical layout designing. Do you have what it takes?

**Rules:**

* There will be a maximum number of two members in a team.
* A common layout will be given.
* The layout is done using 2-Dimensional drawing.
* Each team will be given maximum of thirty minutes.
* The team which will make the design of electrical layout in best economical manner in least time will be the winner.
* Level of achievement decides prize money. i.e. you have to make 100% solution to achieve the full amount of prize money.
* Certificate will be provided for the winners.
* Decision of Judges will be final and if necessary they have the power to change the rules.
* In case any controversy, Agnitus-2K14 programme committee will take final decisions.
* No limitation in the no. of team from a college.
* Cross-college teams are allowed.
* Agnitus-2K14 programme committee will not be responsible for any losses or harm happening to you while participating the events.
* Violating the rules and damaging the college property will attract penalty and permanent disqualification.

**Prize details**

1st Prize:   8000/-

2nd Prize:  5000/-

3rd Prize:  2000/-

**Contact Details**

1. AkhilCP +91-9544092265
2. Raheed P +91-9895516617

**Event No: 02**

**CIRCUIT DESIGN- LOS CIRCUTOS**

        Thorough with the concepts of analog and digital electronics? Agnitus offers you an arena to prove your mettle in electronics application design. Use your expertise to design the application on the bread board within the allowed time, and emerge as the victor.

**Event Rules:**

* There will be a maximum of three members in a team.
* The event will consist of two levels:

Level ’I’ will be an elimination round with objective questions related to the field of electronics.

Level ‘II’ will be a circuit designing round in which the actual application is to be made.

* Both the rounds are open in nature, and candidates will be provided question sheets/components on the registration desk which they should return within the specified time limit.
* There will be time bonus.
* Prize money will depend on the level of achievement.i.e. Only a 100% solution will be awarded the full amount of prize money.
* The decision of the judging panel will be final and binding.
* Team Agnitus has the rights to change the rules and regulations as and when required. Changes, if any will be updated in the website.
* Any number of teams can participate from a college. Cross-college teams are also allowed.
* Agnitus-2K14 programme committee will not be responsible for any losses or harm happening to you while participating the events.
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**Level I**

This will be a written elimination round consisting of questions related to electronic fundamentals and hardware. Question sheets will be provided to the registered teams. They will have 1 hour to solve the questions and submit the answer sheets. There may be negative marking. There will be a time bonus for early submission of sheets. Results will be declared the same day and selected teams are to report for the next round.

**Level II**

Teams that qualify for the second round are to build an application. The theme will be disclosed on the spot. All the components and the required materials will be provided to the teams. Use of external components will lead to disqualification. A caution amount of Rs.100 should be deposited by the teams selected in level I which will be refundable later. Teams should draw the circuit diagram depicting all the principles and theories involved in the circuit as well as the working of the application on a single chart sheet. There will be a time bonus for early submission of the applications. After each 5 minutes the teams should interchange their position and thee team which shows the output at earliest will be judged as winners. Judgments will be based on the following criteria’s

1. Design of the circuit.
2. Compactness of the design.
3. Efficiency of application.
4. Desired output. Exploration of concepts/theories.
5. Bread boarding skills/neatness of the implemented circuit.
6. Additional functions/options available in the application.
7. Contents of chart sheet.

**Prize details**

1st Prize:   8000/-

2nd Prize:  5000/-

3rd Prize:   2000/-

**Contact Details**

1. NithinThankachan +91-8089721288
2. Sibin Mohamed Sadique +91-9567242422

**Event No: 03**

**BOMBDIFFUSING-BOMB DEFUZIA**

Have you got the nerve? Do you have the speed? And do you have it in you to make the right choices? Then here is your chance to race against time and emerge a hero. Diffuse the bomb triggering circuit as fast as you can, for the clock is ticking!

**Event rules:**

* Participant will get 13 crucial minutes to analyze and diffuse the ticking bomb.
* The participant will be provided with a circuit board with a set of wires. They have to analyze the circuit carefully and obtain the unique sequence in which the wires are to be cut.
* Reason must be specified for each decision.
* Any sort of external help and use of electronic devices are prohibited.
* Prize money will depend on the level of achievement.i.e. Only a 100% solution will be awarded the full amount of prize money.
* The decision of the judging panel will be final and binding.
* Team Agnitus has the rights to change the rules and regulations as and when required. Changes, if any will be updated in the website.
* Any number of teams can participate from a college. Cross-college teams are also allowed.
* Agnitus-2K14 programme committee will not be responsible for any losses or harm happening to you while participating the events.
* Violating the rules and damaging the college property will attract penalty and permanent disqualification

**Prize details**

1st Prize:   5000/-

2nd Prize:  3000/-

3rd Prize:  1000/-

**Contact Details**

1. Mohamed Sharneem Umar +91-9946972911
2. ArunRaveendran KAP +91-9544990897

**Event No: 04**

**BEST ENGINEER**

Being an engineer is not about having solid theoretical expertise. It’s about possessing all-round knowledge that can perfect the future world. Amidst the thundering applause, immense tension and maddening confusion, do you have it in you to compete and emerge as the ‘Best Engineer’ of Agnitus 2k14?

**Event Rules:**

* The event consists of 4 levels. Advancing to future levels will be possible only after successful completion of the lower levels.
* Level 1 is a knock-out round in which the candidates are examined on their in-depth knowledge in the field of Engineering.
* Level 2 is a programing round in which the fellow engineers are to showcase their programing ability.
* Level 3 evaluates the skills of candidates in the field of Electrical & Mechanical engineering.
* Level 4 is the Final round in which special aptitudes and talents of the candidates will be tested.
* The Candidate who scores maximum points will be declared as the BEST ENGINEER of AGNITUS 2K14
* Prize money will depend on the level of achievement.i.e. Only the perfect participant will be awarded the full amount of prize money.
* The decision of the judging panel will be final and binding.
* Team Agnitus has the rights to change the rules and regulations as and when required. Changes, if any will be updated in the website.
* Any number of teams can participate from a college. Cross-college teams are also allowed.
* Agnitus-2K14 programme committee will not be responsible for any losses or harm happening to you while participating the events.
* Violating the rules and damaging the college property will attract penalty and permanent disqualification

**Prize details:**

 Prize:   15000/-

**Contact Details**

1. ShahabasAhammed +91-9496361199
2. Sabeel Ahamed +91-9995353470

**Event No: 05**

**CIRCUITRIX–CIRCUITRIX**

        Circuitrix is all about team work, intellect, patience and speed. This thrilling task delves into the world of tricky electronic circuitry wherein the participants are required to find out hidden faults in the given electrical circuit, and complete the different assigned tasks in the least possible time.

**Event Rules:**

* Three blocks will be given with interconnected outputs.
* The objective is to get the output of the blocks in correct order in the least time while strictly following the Vertical hierarchy.
* Each team will be given a maximum of 22 minutes.
* There will be no limitation in the no. of teams from a college. Cross-college teams are aslo allowed.
* The decision of the judging panel will be final and binding.
* Team Agnitus has the rights to change the rules and regulations as and when required. Changes, if any will be updated in the website.
* Any number of teams can participate from a college. Cross-college teams are also allowed.
* Agnitus-2K14 programme committee will not be responsible for any losses or harm happening to you while participating the events.
* Violating the rules and damaging the college property will attract penalty and permanent disqualification

**Prize details**

1st Prize:   8000/-

2nd Prize:  5000/-

3rd Prize:   2000/-

**Contact Details**

1. Nithin K +91-9961377749
2. VipinJayaram +91-9744915825

**Event No: 06**

**FUNZONE**

**Agnitus is not all about technical brainstorming. It’s about finding enlightenment through education. We offer you the right place to enjoy yourself, laugh your brains out, and the same time prove your mettle – the FunZone. Because at the end, everybody wants to have a little fun !**

**EXPENSES**

1. Electrical Layout Design 0.5K

2. Circuit Designing 0.5K

3. Bomb Diffusing 1.5K

4. Best Engineer 2.5K

5. Circuitrix 0.5K

6. Funzone 8K