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| Name of the Event/Workshop | : | **EPL (ELECTRONIC** **PREMIER LEAGUE)** | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Category | : | Technical | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Schedule of Event  ***(If the event is Pre-graVITas, mention the tentative dates.***  ***The confirmation of dates will be provided by the graVITas team)*** | : | gravitas | | | | | | | | | |
| Event Coordinator Details |  |  | | | | | | | | | |
| Name | : | B. Siva Anil Kumar Reddy and Mahidhar Swaroop | | | | | | | | | |
| Reg. No. | : | 17BEC0117 | | | | | | | | | |
| Contact No. | : | 8919810906, 9949833273 | | | | | | | | | |
| E-mail ID (VIT Email ID only) | : | mahidhar.swaroop2017@vitstudent.ac.in, siva.anilkumarreddy2017@vitstudent.ac.in | | | | | | | | | |
| WhatsApp No. | : | 7997132296,9949833273 | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Association / Club / Chapter | : | IEEE COMMUNICATION SOCIETY | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Event Description (Not more than 200 words) | : | * 1. **EPL** is a competitive event based on electronics inspired from the idea of IPL. * 2. **Team formation-** The contestants would have to participate in teams of 3 or 4 .We commence the event by displaying the components bracket from our inventory (limited components would be provided). * 3 .**Plan and strategy** -There would be an auction round where teams have to buy the components they require with (limited) virtual money allotted ,brief explanation of components will be given while they are displayed * 4. **Bidding-** The auction is conducted and the components are distributed among the teams accordingly. * 5. **Start** -Once the bidding is done, the teams start building their projects. * 6. **Rebidding** -After about half time, the teams would be given an option to sell their unnecessary components back to us at half the cost price and there would be another round of auction (with components with depreciated prices). * 7. **Resuming** -The teams then go back to building their projects. * 8. **Prize Distribution-** The teams will be judged on the basis of their project innovativity and creativity .Prize distribution ceremony to take place.   Top 10 teams will be allowed to take back their projects and components. | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Event related Images/Videos  (To be shared in the google link) | : | Will be emailed | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Requirement of KIT (Provide Details) | : | |  | | --- | | 1.Arduino Nano+Cable | | 2.LCD Display | | 3.RFID (13.36MHz) | | 4.Motor driver- L298 | | 5.Barometric Pressure Sensor BMP180 | | 6.Temperature and Humidity Sensor-DHT11 | | 7.Bluetooth Module HC05 | | 8.Fire/Flame Sensor | | 9.Accelerometer | | 10.Ultra Sonic Sensor | | 11.IR Sensor | | 12.Node MCU-ESP8266 | | 13.Smoke Sensor MQ2 | | 14.LDR 5mm | | 15.Soil Moisture Sensor | | 16.Thermistor 10kOhm NTC | | 17.RF Module (Encoder-Decoder) | | 18.Bread Board | | 19.Battery 9v | | 20.GSM Module SIM800 | | 21.Resistor box | | 22.Capacitor box | | 23.Jumper wires(male to male) | | 24.Jumper wire(male to female) | | 25.Arduino uno cable | | | | | | | | | | |
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| Rules and Regulations [Max. 5] | : | 1. The decision of the judges will be final. 2. The auction results are final and will be unbiased. 3. Participants are allowed to bring their own “Primary” components with the permission of the organisers. | | | | | | | | | |
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| Registration Fee (per participant) | : | Rs. 250 INR (inclusive of GST) | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Number of Participants  (60% Internal and 40% External) | : | Internal | : | 42 | | | External | | | : | 28 |
|  |  |  | | | | | | | | | |
| FAQs (Max. 5)  ***(Typo and grammatical Error Free)*** | : | **Q) Will the components be provided for making the projects?**  A) Yes, There will be an auction for the components based on the virtual money provided to the participants.  **Q) Will the participants be allowed to take the components home?**  A) Based on the novelty of the projects, the top 10 teams will be allowed to take their components with them.  **Q) Will certificates be provided?**  A) Authentic certificate from team Gravitas will be given to the participants.  **Q) I don’t have a team. Can I still participate?**  A) Yes, you can still register as an individual we will team you up with fellow other participants. | | | | | | | | | |
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| Tutorials (If any)  PDF can be provided | : | NA | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Prize Money (If applicable) | : | First Prize : INR 1000/-(from 3rd years)  Second Prize: INR 1000/-(from 2rd years)  Third Prize : INR 1000/-(from 1rd years) | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Judging Criteria | : | Judging will be done by faculty.  Completely working project will be given preference.  Innovative idea of project will be considered. | | | | | | | | | |
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| Event Round | : | One/Two/Multiple | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Venue Requested | : | Smart classroom | | | | | | | | | |
|  |  |  | | | | | | | | | |
| No. of Days | : | One day | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Tentative Dates | : | 12th October | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Timing (Schedule) | : | 09:00 to 18:00 | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Sponsoring Agency | : | MODULE 143(35% discount on components.**)** | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Contact Details of the Sponsoring Agency | : | Module 143 (opp to main gate vit) | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Sponsorship Amount | : | INR 7000/- | | | | Status | | | Received / Pending  Pending. | | |
|  |  |  | | | |  | | |  | | |
| Requirement of Stalls for the Sponsoring Agency | : | NO | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Details of Resource Persons (Applicable for Workshops) | : | N/A | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Budget Amount | : |  | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Details of the Budget  ***(Increase the Cells depending upon the requirement)*** | : | Name of the item | | | Quantity | | | Cost/Unit | | | Total |
|  | 1.       Arduino Nano+Cable | | | 5 | | | 300 | | | 1500 |
|  | 2.       LCD Display | | | 2 | | | 85 | | | 170 |
|  | 3.       RFID (13.36MHz) | | | 1 | | | 190 | | | 190 |
|  | 4.       Motor driver- L298 | | | 2 | | | 200 | | | 400 |
|  | 5.       Barometric Pressure Sensor BMP180 | | | 2 | | | 220 | | | 440 |
|  | 6.       Temperature and Humidity Sensor-DHT11 | | | 3 | | | 90 | | | 270 |
|  | 7.       Bluetooth Module HC05 | | | 2 | | | 260 | | | 520 |
|  | 8.       Fire/Flame Sensor | | | 2 | | | 75 | | | 150 |
|  | 9.       Accelerometer | | | 1 | | | 260 | | | 260 |
|  |  | 10.  Ultra Sonic Sensor | | | 2 | | | 85 | | | 170 |
|  |  | 11.  IR Sensor | | | 5 | | | 50 | | | 250 |
|  |  | 12.  Node MCU-ESP8266 | | | 1 | | | 340 | | | 340 |
|  |  | 13.  Smoke Sensor MQ2 | | | 2 | | | 120 | | | 240 |
|  |  | 14.  LDR 5mm | | | 10 | | | 5 | | | 50 |
|  |  | 15.  Soil Moisture Sensor | | | 3 | | | 85 | | | 255 |
|  |  | 16.  Thermistor 10kOhm NTC | | | 10 | | | 12 | | | 120 |
|  |  | 17.  RF Module (Encoder-Decoder) | | | 2 | | | 125 | | | 250 |
|  |  | 18.  Bread Board | | | 8 | | | 70 | | | 560 |
|  |  | 19.  Battery 9v | | | 10 | | | 15 | | | 300 |
|  |  | 20.  GSM Module SIM800 | | | 1 | | | 480 | | | 480 |
|  |  | 21.Resistor box | | | 2 | | | 70 | | | 140 |
|  |  | 22.Capacitor box | | | 1 | | | 35 | | | 35 |
|  |  | 23.Jumper wires(male to male) | | | 40 | | | 2 | | | 80 |
|  |  | 24.Jumper wire(male to female) | | | 10 | | | 2 | | | 20 |
|  |  | 25. Arduino uno cable | | | 4 | | | 450 | | | 1800 |
|  |  |  | | |  | | | TOTAL | | | 8990 |
| Requirements of Hall Arrangement | : | SMART CLASSROOM | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Content for Social Media Page | : | Is your performance as dynamic as Gayle? Or do you like to end it in style like Dhoni? Oh wait!!...you prefer to be consistent like Virat? Then what are you waiting for ? Come and unleash the technical player in you in the annual "Electronics Premier League" this GraVITas'18 and become the champion of the champions. | | | | | | | | | |
|  |  |  | | | | | | | | | |
| Novelty of the Event | : |  | | | | | | | | | |
| Any other information | : | We also have some potential sponsors who can sponsor us later on. | | | | | | | | | |

Signature

(Event Coordinator) (Faculty Coordinator)

* Provide the contact details of the Event Coordinator and Faculty Coordinator
* No separate T-shirts will be allowed for specific events/workshops/ Thon Events. Without any prior approval from graVITas team, the T-shirts should not be distributed by any team / club/ chapter.
* Hall bookings should be made through graVITas team for both Pre-graVITas and graVITas Events
* Registrations will be made strictly through online portal only.
* Except for premium events, online certificates will be given to all the participants in all the events
* Submit the proposal form duly signed by the faculty coordinator on or before 26/07/2019. The proposal received after the date will not be considered in graVITas’19