



## **ROBO-HACK 1.0 (Embedded Edition)**

*A science and innovation hackathon for and by students*

**Dated: March 29-30, 2020**

### **Bring it into Focus**

#### **The spirit of the competition**

Remember that hackathons are like marathons. Some people go to compete but most people take part to better themselves and enhance their skills.

*A hackathon is, quite literally, a party full of people who share a passion for technology.*

#### **Hackathon Rules and Regulations**

- ✦ The probable date of starting of registrations for our hackathon on our website will be 25<sup>th</sup> March, 2020 and it will last to 27<sup>th</sup> March, 2020. You will not be allowed to register after the end date
- ✦ RoboHack (Online Embedded Hackathon) will be running on the 29<sup>th</sup>-30<sup>th</sup> March, 2020, online only
- ✦ You have to participate individually or in a team of maximum 3 members
- ✦ You can work on your ideas before the event, or generate ideas during the event from all the great networking opportunities
- ✦ Single team can apply for only one theme out of the mentioned themes.
- ✦ Each team will have a team leader who is responsible for his/her team and is answerable to the organisers in case of any query
- ✦ It will be a two-day hackathon and team will be allowed for submission within due time only
- ✦ If any team leaves the event in the middle, then no certificates will be issued to that particular team
- ✦ You have to strictly follow the rules and schedule of hackathon accordingly
- ✦ Time is precious to all so, please be active on time during hackathon, else you will not be allowed for any kind of late submission
- ✦ The event consists of two levels:  
**QUIZ ROUND** (Dated: 28<sup>th</sup> March, 2020)  
**PROTOTYPE DEVELOPMENT ROUND:** Design and simulate your prototype on either of the following platforms: Tinker CAD, Proteus and MATLAB-Simulink (Last date of submission: 30<sup>th</sup> March, 2020)
- ✦ Be prepared with an abstract of maximum 1 page of your idea or prototype and it should contain all important and complete information about your idea. It will have to be submitted along with the prototype.

GET YOURSELF INTO THE ***THEMES*** AND COME UP WITH NEW AND SUPEREXCITING IDEAS:

1. Smart city/ Swachh Bharat
2. Sustainable Development
3. Healthcare/ Biomedical
4. Security and Surveillance
5. Student Innovation
6. Corona/ Quarantine

## **Judging Criteria**

- ✓ **Idea**
- ✓ **Circuit Design**
- ✓ **Simulation**

These criteria will guide judges but ultimately judges are free to make decisions based on their own experience and work done on projects by student or team, the most impressive and most deserving will be the winner.

### **Remember!**

**Any decision made by AMURoboclub will be final and it is not obligated to give any reasons on any matter during and after the event.**

To make the most out of the event, try something new, and appreciate the efforts and feel free in sharing your views with our team. Any kind of movement outside your house is discouraged. Work from home and stay safe and healthy.

***Happy Hacking from the AMURoboclub team!***