

Dated: 17.12.2019

**CIRCULAR**

Sub:- APJAKTU- Reboot Kerala Hackathon 2020- Organised by Higher Education Department and ASAP - Intimation.

Ref :- Communication received from ASAP dated 20/11/2019.

Vide reference cited above, communication has been received from Additional Skill Acquisition Programme (ASAP) detailing the "**Reboot Kerala Hackathon 2020**", organised jointly by **the Higher Education department** and **ASAP**.

The aim of the programme is to provide a platform to the higher education students to devise solutions and develop strategies for addressing the key challenges and issues faced by the State. Through intensive and rigorous brainstorming sessions facilitated with the active participation of students, mentors, government officials, industry personnel, and subject matter experts, the Hackathon will encourage critical analysis, problem solving, product innovation and process innovation, and motivate students to think out-of-the -box and devise novel solutions to everyday problems.

**The key highlights of the event are :**

1. Hackathons will be held across all 14 districts. Colleges can express their willingness to host the event.
2. Every participating institution has to **select a Hackathon officer** for the event who will be in-charge of coordinating the events at their respective colleges. The hackathon officers will also be responsible for motivating the students to participate in the competition and promoting the event in their respective campuses.
3. **The contest will be a 36-hours non-stop Hardware and Software competition**, in which the competitors will participate to solve given problem statements.
4. A full fledged website has been developed for all the hackathon related tasks, including college registration, team registration, problem statement listing, solution submission,etc.
5. Problem statements shall be called from all Departments as well as from LSG institutions.
6. The Problem statements will be short listed by experts from the related industries or departments and will be listed in the website. **The participants can only register as a team and can choose the problem statements, from either Hardware or Software editions.**
7. Students shall participate in teams. The teams can be drawn from various colleges or can be from one college.
8. **A minimum of 10 teams are expected to participate in the Hackathon from the institution.** Each team should comprise of **6 students, in which at least two of them must be girls.**

College can assign a mentor for their team, with proper knowledge of related industry for proper guidance and technical support.



10. The college shall conduct a preliminary evaluation for the participants to analyze their critical thinking ability and ensure technical proficiency (both in coding and hardware-related knowledge for both software and hardware editions respectively ) in developing the solution from idea to a working prototype.
11. Teams submitting applications will be shortlisted by technical experts for Phase I competitions and nearly 300 teams will be selected to compete in 10 different themes.
12. Problem statements for Phase I will be published in the website 15 days prior to event.
13. Engineering colleges, Polytechnic Colleges(Government, Aided or Self-finance colleges) located in various districts shall host the event.
14. Hackathons will be conducted in the designated venues fixed by ASAP. **Teams are required to develop a solution to a working prototype within the allotted 36-hours.**
15. Evaluation will be made by a panel of experts and its criteria will include novelty of the idea, complexity, clarity, and details in the prescribed format, feasibility, practicability, sustainability, scale of impact, user experience, and potential for future work progression.
16. Top 30 teams emerging as winners from these 10 competitions will be awarded with attractive cash prizes and they will qualify for **the Grand finale to be held in March 2020.**
17. Eminent industries will be a part of the event and hence this event will be a great opportunity for the participating students in terms of opening avenues for placement.

DEAN (Academic)

**Dr. J. SREEKUMAR \***  
Dean (Academic)

To

1. The Principals of all engineering colleges.
2. JD(IT) to publish in the website.

\* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

