



UI/UX Module

CodinGuru 5.0 | IEEE LUMS

Short Description:

A competition where teams of minimum **three** and maximum **four** participants will have 24 hours to come up with a software solution for a contemporary real-world problem according to a particular **theme** (provided to them.)

Module Details:

- According to a theme that will be announced **24 hours** before the event starts, participants must design a complete **digital** solution for a real-world problem. Teams will have to design 7-15 screens using Adobe XD (vector graphics editor and prototyping tool) or Figma.
- Participants will then have a total of 24 hours to do the following:
 - Identify a particular problem they want to come up with a solution for according to the theme and come up with a solution for their chosen problem.
 - Complete the project report requirements [deadline will be provided] (Explained below)
 - Complete the idea pitch requirements. [deadline will be provided] (Explained below)
- Teams will present their projects in front of judges and the IEEE team.

Submissions/Parts:

This module would be split into two parts:

(i) Project Report (8 hours)

This will be a document containing a thorough explanation of the application software that the participants have in mind. Participants must submit a word document with the following information.

- Team number
- Identified Problem/Project Description (Max 300 words)
- Target User Group and reason(s): (Max 100 words)
- Project idea/Problem solution (Max 300 words)

(ii) Idea Pitch (16 hours)

Teams can start on this portion once they have submitted the project report. The idea's pitch will be made to the judges. With it, the participants will have to explain the idea whilst proving the validity and reliability of it. This is further subdivided into these portions:

- 7-15 screens made from either Adobe XD or Figma (they are also to be included in the video demonstration).
- A video demonstration of their product (Max 2 minutes)
- A PowerPoint presentation with which they will deliver a live presentation (in person) for judges to evaluate (Max 3 minutes)
- A Questions and Answers session (Max 2 minutes)

Judges will evaluate the submitted documents and the video demonstration after which the teams will deliver the PowerPoint presentation. This will be followed by a Question-and-Answer session with the judges.

Rules:

- The participants will have to register themselves in the form of teams (only the group leader will fill the registration form).
- The participants selected for the competition will receive the confirmation email.
- The participants are not allowed to collaborate with anyone but themselves.
- The submissions will be examined for plagiarism and detected cases would directly cause disqualification.

- Use of any paid library is prohibited.
- Late submissions will not be accepted.
- Only the team leader will be allowed to submit their project.
- All teams would be judged based on their solution to the given problem.
- The IEEE LUMS administration and the panel of judges reserve the right to disqualify any team or member in case of any misconduct.
- Any condition/situation that is not mentioned in rules will be decided by the IEEE LUMS administration on the spot and their decision will be final.

Judging Criteria:

The judges will evaluate the project report document and listen to the idea pitch and use the grading rubric shown below to give a score to the teams. The maximum score a team can acquire from each judge is 100, and the team with the highest score will be announced the winner.

Completeness – 20 points

- Communicate all relevant information, answer all questions that may be asked or may not be asked.
- Deliver all the documents. [Project Report, Minimum 7 screens, Video demonstration, PowerPoint Presentation]

Clarity and Conciseness – 10 points

- The reader who sees the issues raised for the first time should not struggle to understand your points in the project report.
- Keep the presentation, video, and project report brief but comprehensive.

Presentation - 10 points

- How effectively the participants presented their solution.
- Gave satisfactory answers to questions raised by judges or other participants.

Final Evaluation – 60 points

- Planning of future work – future direction of project should be clear. [5 points]
- Relevance of solution to the theme. [5 points]
- Importance of Identified problem. [15 points]
- Effectiveness of project in solving the identified problem. [35 points]

Participation Fee:

Rs. 2500/- per team

Awards:

- Each Participant will receive a participating certificate.
- The Winning Team of this Module will get Winning Shields and Cash Prize (Rs. 40,000/-)

For further Inquiries:

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