



JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING, SHIVAMOGGA



Department of Electronics and Communication

MYSTERIO 5.0 RULEBOOK



UNO ARDUINO

Rules :

1. Participants have to contest in teams with at most two members in each team.
2. The event will be conducted in two stages.

STAGE 1:

1. It consists solely of a pen and paper-based quiz having 20 questions, to be completed exactly within 30 minutes.
2. Quiz is divided into:
 - Part 1 with 10 questions, 1 mark for a correct response, 0 marks for wrong response
 - Part 2 with 10 questions, 2marks for a correct response, 0 marks for wrong response.
3. Both parts are to be attended completely.
 - Totally, $10+10 = 20$ questions, amounting to 30 marks
 - Questions will be based on mainly fundamental concepts in Logic, circuits, and Arduino board.
 - A cutoff mark will be decided by the judges. All the teams having scores higher than or equal to cutoff marks will be qualified to second round.



Stage 2:

PC's are provided by College.

One problem statement will be given by the judges, on spot, to each team, to be completed within 30 minutes. The qualified team have to analyze the question, design the suitable circuit and present to the Judges.

The problem statement will be mainly based on practical implication of various concepts in Logic design and electronic devices.

1. After hands-on session every team will be called to explain the circuit built. Here judges will question on various scenarios and simultaneously evaluate the team's presentation of their results for problem statement, amounting 15 marks (10+ 5) M.
2. The judges will finalize the scores for this stage, for each team and based on team's score out of 50, the winning team will be announced.
3. The decision of the judges are final and shall not be overruled under any circumstances.



CO-ORDINATORS

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