SITAR 2K24

Department Faculty Coordinator

1. Dr.V.S.D. Rekha, Asst.Prof, Dept. of ECE,9440118675

Department Student Co-ordinators
   1. Ch. Dhruva Chandra, IV ECE, 7995556100
   2. M. kesav, IV ECE,7672093007

Registration Details
2. Registration Fee for PVPSIT Student: Rs.118/-Incl.GST
3. Registration Fee for Other College Student: Rs.236/- Incl.GST

Circuitrix

RULES:

1. A team can have maximum of TWO participants.
2. This event will be conducted in two phases (Prelims and Finals).
3. Ten teams will be shortlisted after the prelims for Final round.
4. There will be a TIME bonus in the Final round.

PRELIMS:

1. There will be a written test with objective type questions from the fields of electronics with 25 questions. Time duration of the test is 30 minutes.
2. Answers must be written on the given question paper sheet.
3. Sheets must be submitted within the time limit. No sheets will be accepted after the deadline.
4. Results will be declared after the completion of test and selected teams will have to report for Final round.

FINALS:

1. In this round teams have to design circuit and show the output In MULTISIM/Bread board for the given problem statement.
2. A total duration of 2 hours will be given to each team.
3. Team should draw circuit diagram for the given problem statement.
4. In case of tie-break between two or more teams, the one who completes the circuit and shows output with minimum time will be considered.

Faculty Coordinators for this Event:

1. Dr.Ch.Gangadhar, Associate Professor, Dept. of ECE,9440577560.

2. Dr.Haji Habibulla.Md, Sr.Asst.Prof, Dept.of ECE, 9246123786.
3. Dr.T.Maha Lakshmi,Asst.Prof,Dept.of ECE,9441266701

Student Coordinators for this Event:

4. G.J.S.L.Phanindra, III ECE, Dept.of ECE
5. Ch.GuruBabu, III ECE,Dept of ECE

Technical Quiz

Rules:

1. Only team entries are allowed. (Each Team should consist of 2 or 3 members, preferably one
   each from Second, Third and Final years)
2. Participants are not allowed to use mobile or other electronic gadgets during the quiz.
3. Questions shall be in the form of multiple choices, true / false statements.
4. The decision of the quiz-master will be final and will not be subjected to any change.

Qualifying round (Written Examination):

1. Each team would have to answer 30 objective type questions. Each question carries one mark.
2. Time limit will be 30 minutes for the entire session.
3. Negative mark of 1/4 will be awarded for the wrong answer.
4. Only 5 teams will be selected for the **FINAL ROUND.**
5. In case of a tie between any two or more teams, an additional five questions will be given to the teams and a final selection will be made.
6. Selected teams shall have to appear for the final on-stage rounds for which the venue and time will be informed during the qualifying round.

Rapid Fire Round:

1. Each team will have to answer 10 questions at a stretch with a time limit of Ten seconds per question.
2. If a team cannot answer the question, they can pass for the next question till they finish all the ten questions.
3. The team can select any one member from the team to answer. He/she can get help of the partner.
4. 10 marks will be awarded for each correct answer whereas 5 marks will be deducted for each wrong answer.

Buzzer Round:

1. A question will be posed to all teams and the team which presses the buzzer first will be given the chance to answer.

2. 10 marks will be awarded for each correct answer while a deduction of 5 marks will be done for wrong as well as no answers.
3. Answering time is limited to 30 seconds per question.

Audio-visual round:

1. A video/Image clip will be projected on the screen and questions related to the clip will be posed to the teams. This audio-visual round will consist of two rounds with each team getting one clip per round.
2. 10 marks will be awarded for each correct answer whereas wrong answers will lead to a deduction of 5 marks each.
3. Answering time is limited to 30 seconds per question.
4. No passing is allowed to the next team.

Faculty Coordinators for this Event:

1. Sri. M. Srinivasa Rao, Associate Professor, Dept.of ECE, 9985035499

2. Mrs.D.Swathi, Asst.prof, Dept.of ECE,9640934593

Student Coordinators for this Event:

1. K. Madhan Akhil, II ECE, Dept of ECE, 8309650080
2. K.Sunny, II ECE, Dept of ECE, 7386802497
3. P.Sushma Priya, II ECE, Dept of ECE, 6300972847
4. N.Sneha Sree, II ECE, Dept of ECE, 9515058413

PAPER PRESENTATION

Rules:

1. Team Composition:

   - Each team should consist of a minimum of 1 and a maximum of 3 students.

   - Inter-college teams are allowed, but all team members must be students currently enrolled in undergraduate or postgraduate programs.

2. Paper Submission:

   - Each team must submit an original technical paper on a topic related to the field of electronics and communication engineering (ECE).

   - The paper should be formatted according to the IEEE paper template, including font size, margins, and citation style.

3. Paper Title & Sub-Headings:

   - The paper title should clearly indicate the topic of the research or study.

   - Sub-headings should be used to organize the content logically. A standard technical paper contains an introduction, which includes a statement of the problem, a literature review and a

general outline of the paper, a methods section showing the work done, results and analysis, discussion and applications, conclusions and References.

4. Presentation Time:

- Each team will be allotted a specific amount of time to present their paper. Typically, presentation times range from 10 to 15 minutes per team, depending on the number of participating teams and the overall schedule of the event.

5. Question & Answer Session:

- Following each presentation, there should be a designated period for questions from the audience and judges. The duration of the Q&A session may vary but is commonly around 5 minutes per team.

6. Evaluation Criteria:

- Judges will evaluate the technical papers and presentations based on predefined criteria.

- Common evaluation criteria may include clarity of presentation, technical content, research methodology, originality of work, relevance of findings, and overall impact.

- Judges should be provided with scoring sheets or rubrics to facilitate consistent evaluation across teams.

7. Prizes:

- Prizes may be given to the top-performing teams based on their scores.

- Certificates of participation or appreciation may also be provided to all participating teams.

8. Code of Conduct:

- Participants are expected to adhere to professional and ethical standards throughout the contest.

- Plagiarism or any form of academic dishonesty will result in disqualification.

- Respectful behavior towards judges, organizers, and fellow participants is mandatory.

9. Selected candidates should bring their identity card at the time of presentation

10. Selected candidates should bring hard copy of the paper at the time of presentation

Faculty Coordinators for this Event:
1. Dr. K. Ramanjaneyulu, Professor, Dept of ECE,8328175703
2.Mr.A.Ashok Babu, Asst.prof, Dept of ECE,9394206029

Student Coordinators for this Event:
1. N.Lakshmi Gayathri, IV ECE, Dept of ECE, 6300430558
2. N. Sai Jyothi, IV ECE, Dept of ECE, 7075921158

IDEATHON

Rules:

1. Maximum two participants are allowed.
2. Members should carry a valid student ID card of their respective college.
3. The maximum time duration for explaining the Idea will be 8 minutes (6 min for Explanation & 2 min for Q/A)
4. Idea should have following aspects.
    o Motivation
    o Process of Implementation
    o Expected Outcomes
    o Relevance for today's world

Faculty Coordinators for this Event:

1. Mrs K. Anitha, Associate Professor, Dept of ECE, 9490647666
2.Mrs.K.Aruna Kumari, Sr.Asst.prof, Dept of ECE, 9494454523

Student Coordinators for this Event:

1. K. Ravana, III ECE, Dept of ECE, 8978003610

2. G. Havya, III ECE, Dept of ECE, 8331912989