



Technogram is basically an event comprising of two levels. In the first level the participants will be required to submit an abstract based on any one of the sample illustrative problems. Top 10 teams will be selected for second level of the event where participants will demonstrate their prototype in front of the judging panel.

ABOUT

Do you guys wanna flaunt your creativity and at the same time help out the ones in need? IETE Students' Forum is here with TECHNOGRAM, a prototype-making contest on real-life problems in rural areas under the banner of Tech Udbhav'23. The main challenge here is not only to face and give solutions to the rural area problems but also to come up with a working prototype solution. In this competition, you will not only showcase your creativity but also be made aware of the cases out there. Excite your neurons and work out the solution to help develop your model village.



LEVELS OF EVENT

Round 1

- The participants will be required to submit an abstract.
- The word limit of the abstract is 100 words.
- Plagiarism should be less than 10%.
- The abstract should be submitted by 17th February.

Round 2

- The prototype should be a working model.
- The prototype should be based on any one of the illustrative examples given below.

GENERAL RULES

- Participants can apply individually or in a team comprising of maximum 3 members.
- The abstract should be submitted by 17th February.
- No responses will be held by IETE Students' Forum, BIT Sindri for any late, lost, or misdirected entries.
- The ideas presented by the team should be original (not protected utilizing patent/copyright/technical publication by anyone).
- The decision of the organizers and judges will be treated as final and binding on all.



SAMPLE ILLUSTRATIVE PROBLEMS

- A device that checks the moisture content of soil and accordingly provides water to plants i.e., helps in proper irrigation.
- A street light system that operates based on the intensity of sunlight i.e., it starts glowing on its own when the sunlight begins to fade and night sets in.
- Fire Safety System which operates on detection of smoke and thermal scanner to prevent fire caused due to heat waves in the farm.
- Judi, a model that helps women during menstruation. Spread awareness about the menstrual cycle and help women by informing them in advance about when their menstruation will start and help them with menstrual stains.
- A device that determines high-risk-prone accident zones and warns people about the high-risk zone when they are travelling.
- Waste water management model to prevent the loss of water and its effective domestic and agricultural usage.



ABOUT THE PROTOTYPE

- The prototype should be a working model.
- The participants may use different sensors and motors for the accomplishment of the task which their model has to perform.

JUDGING CRITERIA:-

- The abstract submitted should be original and accurate.
- The entries should be plagiarism free and grammatically correct, the jury will be monitoring for any piracy and fault on your part. Plagiarism of more than 10% will result in disqualification.
- The abstract submitted should have proper indentation and formatting.
- The entries will be judged on the basis of the innovative content of the blog, your creativity and error free composition of the topic. The judging criteria will be Content, Presentation and working of prototype- 60% & Jury decision - 40%. No objections will be entertained by the team pertaining to the final decision of the results.



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CERTIFICATION AND PRIZING CRITERIA

Assured cash prize will be awarded to the best performers. Certificate of participation will be given to every participant. All the latest updates and information will be available on the website