



10
EDITION

SAMSUNG

SAMSUNG INNOVATION AWARD 2020

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10th edition of Samsung Innovation Award 2020, the annual flagship event organised by Samsung R&D Institute India Bangalore (Sri-B) to be conducted at IIT(ISM) Dhanbad this year. The aims of this event to identify, encourage and reward innovative ideas and projects developed by student-faculty team at premier institute.

Awards-

Winner: Rs. 1,00,000.00, 1st Runner-up: Rs. 80,000.00 and 2nd Runner-up: Rs. 50,000.00

Before submitting the form follow the criteria given below:

1. Open to all students of IIT(ISM)
2. Team of students (with optional faculty/research staff mentor)
3. At most three students per team
4. Teams can comprise of students from any Dept./Centre in IIT(ISM) Dhanbad
5. A supporting demo is required (only pdf/ link not more than 4MB)

The name and photo associated with your Google account will be recorded when you upload files and submit this form. Not **jayant.18je0381@ece.iitism.ac.in**? [Switch account](#)

Any files that are uploaded will be shared outside of the organization they belong to.

* Required

Name of the team leader *

Jayant Anand

Name of faculty/mentor

Jayant Anand

Admission No. *

18JE0381

E-Mail ID *

jayant.18je0381@ece.iitism.ac.in

Contact Number *

06203200626

Department *

Your answer

Branch *

Your answer

Project themes for this year *

- ☒ Multimedia
- ☐ Multimodal Sensing
- ☐ Smart Environment
- ☐ IoT
- ☐ Wearable and health



Brief details of the idea/projects (not more than 200 words) *

All the educational institutes are carrying out their classes in online mode. In this mode, both teachers and students are facing a variety of difficulties:

- Teachers are unable to explain clearly due to the absence of boards.
- Attendance monitoring is difficult.
- Students in rural areas are facing problem due to low bandwidth.



A system has been designed for providing all the features of a classroom at one place.

A virtual board has been provided for teachers. This board will be streamed during the classroom and can be saved. Brush size and colour can be changed as required.

A video conferencing window is also provided, for the teacher to observe the students during quizzes and assignments. Just like other video conferencing platform it has share screen, chatbox, admin access.

A portal is provided for quizzes, where teachers will set a time limit, questions and solutions. After it the students will have to open the quiz portal and attend the quiz. A system is designed which is capable of taking the attendance and updating it in real time at the attendance portal. It will show the names of students who are present at any moment during the class.

Upload proof of concepts (upload pdf not more than 4 MB) NOTE : Either upload the proof of concept pdf or upload the video/clip/animation/website or both it is up to the participants how they want to represent their idea. If you have both the proof of the concept pdf as well as any supporting demo , ready , it's well and good , you can upload both of them , if not , both the fields aren't mandatory. It is completely up to the participants how innovatively they want to represent their ideas.

 Samsung (2).pdf 



Link for supporting demo (Video/Clips/Animation/Website) NOTE : Either upload the proof of concept pdf or upload the video/clip/animation/website or both it is up to the participants how they want to represent their idea. If you have both the proof of the concept pdf as well as any supporting demo , ready , it's well and good , you can upload both of them , if not , both the fields aren't mandatory. It is completely up to the participants how innovatively they want to represent their ideas.

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