

Mechanical Engineering

The Open Day (Project Exhibition) was conducted at the Department of Mechanical Engineering from 4th - 7th December 2020. About 137 students from III and V Semester participated on Open Day. The students brought in innovative PBL projects which were based on Dynamics of machinery, Design of machine elements, Mechanics of Materials and Material Science. Total 27 projects were evaluated by an Internal Committee at the Department on 4th December 2020. Out of 27 projects, 5 projects from 3rd semester and 10 projects from 5th semester were selected and these shortlisted projects (30) were evaluated by external judge. External evaluation was held on 7th by industry expert Mr. Suresh Navandar, Technical Director, Navandes LLP. The evaluation was done based on parameters like societal relevance, innovativeness, completeness, team work, and potential for patent/product/publication. Two best projects were selected from each 3rd & 5th semester students and were awarded cash prizes. The judges and HoD congratulated all the participants for bringing out wonderful projects.

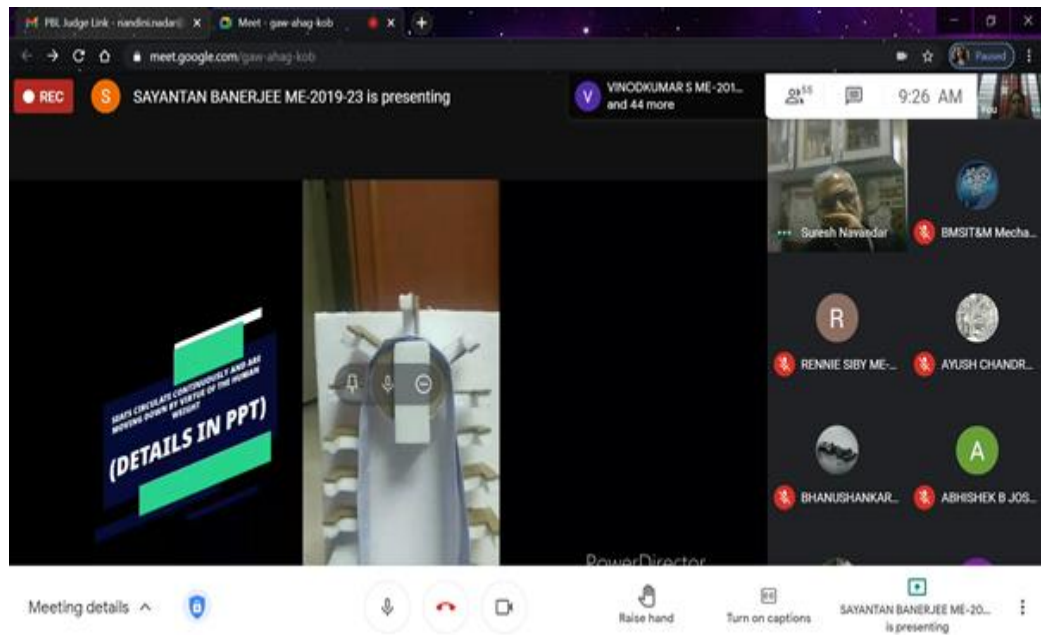
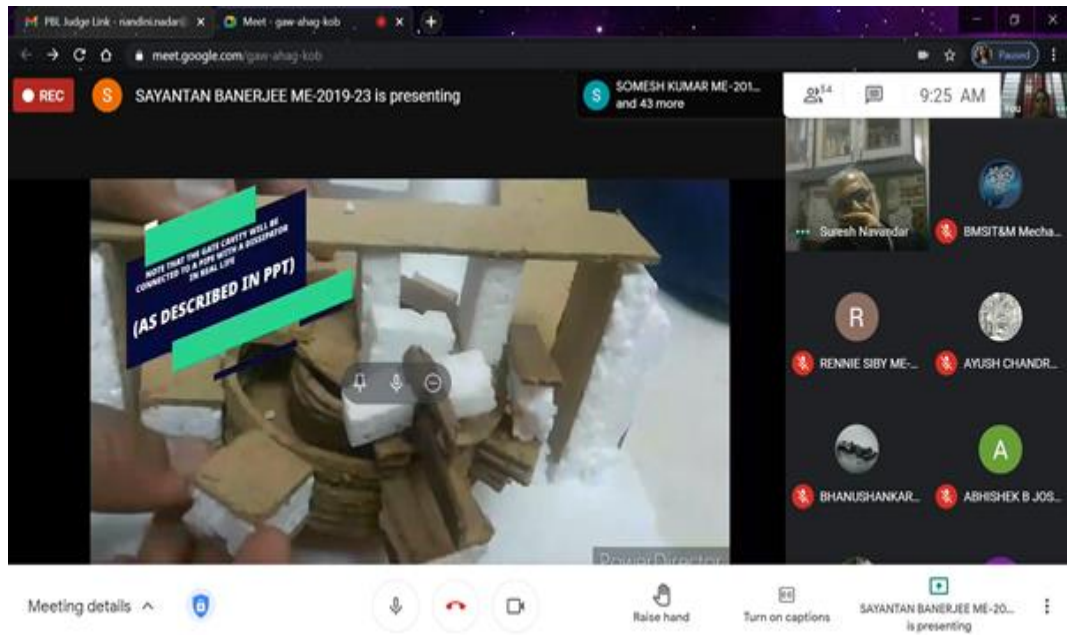
The judges expressed that many of the projects could be scaled up to product and patent level. They also felt that focus could be leading students from being employable to becoming entrepreneurs

PRIZE WINNERS

3 rd Semester			
Prize	Project Title	Students	Guide
I	Modified elevator technology for use in various emergency situations	1. Sayantan Banerjee 2. Abhishek B Joshi 3. Bhanu Shankar T J 4. Ayush Chandra 5. Rennie Siby	Prof. Sundaresh S
II	Ladder Locking System	1. Naman Shivanada Edrami 2. Rajath Patel 3. Ashith Kumar Badagi 4. Pittala Partha Sarathi 5. Samarth Nadig	Prof. Praveen Kumar T N
5 th Semester			
Prize	Project Title	Students	Guide
I	Design & Fabrication of an ROV for underwater exploration	1. Saurabh Pravin Srivastav 2. Srivam Kumar 3. Shivam Sundriyal 4. Shravan Saluja 5. Siddharth A	Prof. Keerthi Kumar N

II	<p>Drag reduction system (DRS) in an F1 car</p>	<ol style="list-style-type: none"> 1. A Sai Sumanth 2. Ajay Sunil 3. Alap Mundayoor 4. Ankit Namniar 5. Ashitesh Nadella 	<p>Prof. K. Chandra Sekhara Reddy</p>
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Glimpses of MECH - PBL Presentations



meet.google.com/gaw-ahag-kob

REC SHIVAM SUNDRIYAL ME-2018-22 is presenting ANKITH GANGADHARAN NAMBIAR ME-201... and 24 more 11:19 AM

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Front View Isometric View

Top View Side View

Meeting details ^

SHIVAM SUNDRIYAL ME-2018-22 is presenting

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REC SHIVAM SUNDRIYAL ME-2018-22 is presenting CHARISHMA INDUDHARA ME-201... and 24 more 11:20 AM

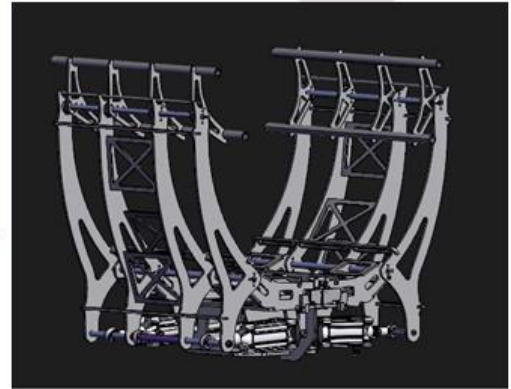
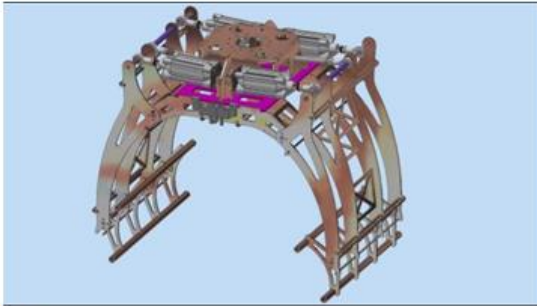
BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Rendered Model

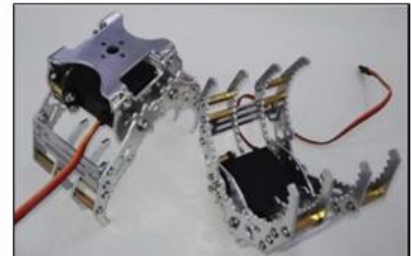
Meeting details ^

SHIVAM SUNDRIYAL ME-2018-22 is presenting

➤ Mechanical claw: It's the main mechanism used to lock the ladder itself to the tree.



13



22




23

meet.google.com/gaw-ahag-kob

REC V VIVEKANANDA VIJAYKUMAR EXAMBI ME-2019-23 is presenting A SAI SUMANTH ME-201... and 47 more 9:50 AM You

ADVANTAGES:

- Easy to use.
- It requires less labors.
- User friendly as no special skills are required to operate the machine.
- Cost efficient
- Mobile phones can simultaneously be charged, power banks not required.
- Helps in decreasing the use of non-renewable sources of energy.
- It is eco-friendly, doesn't pollute.
- It results in low cost, easy transportation.



Seed Sower With Multiple

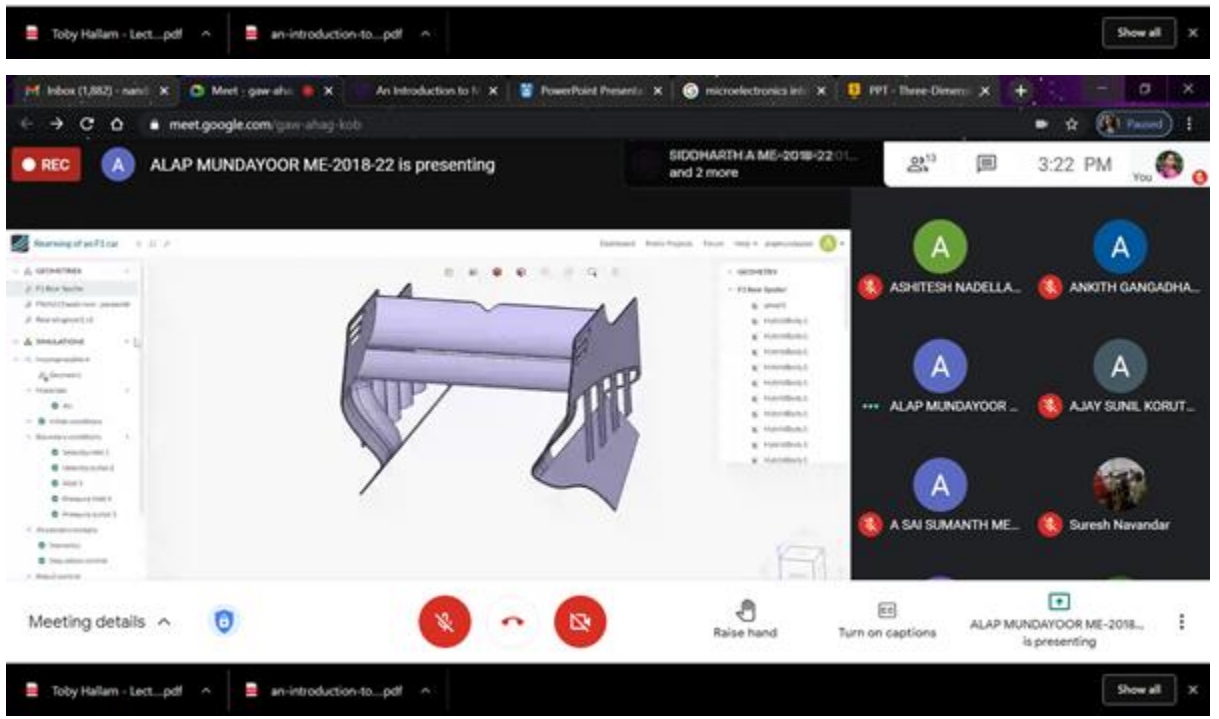
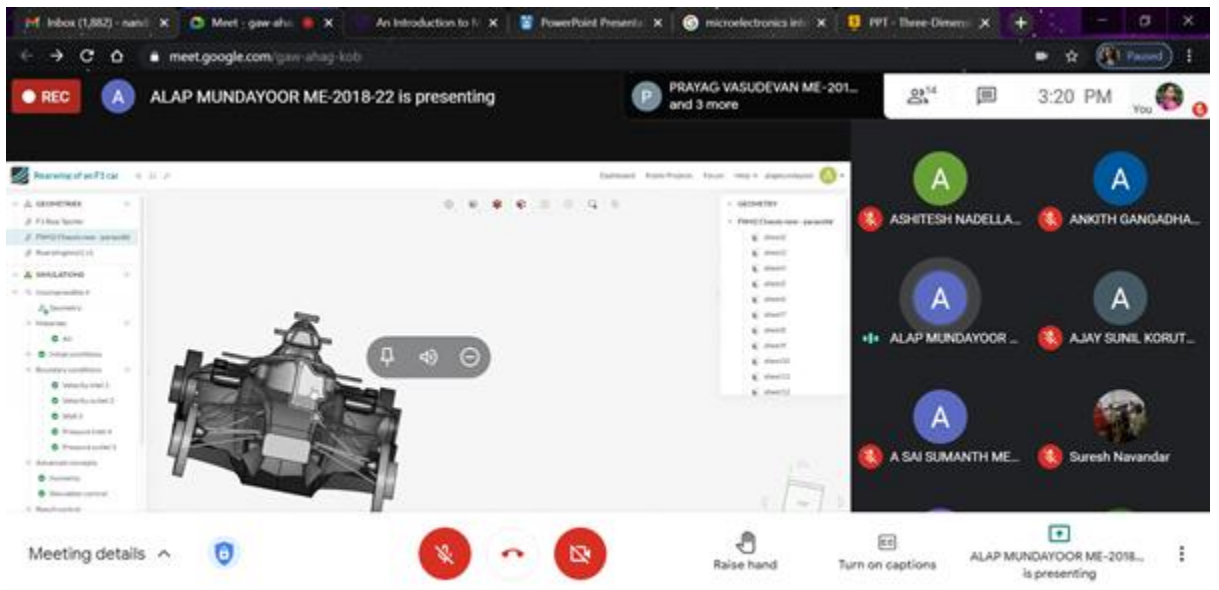
Meeting details Meeting is locked

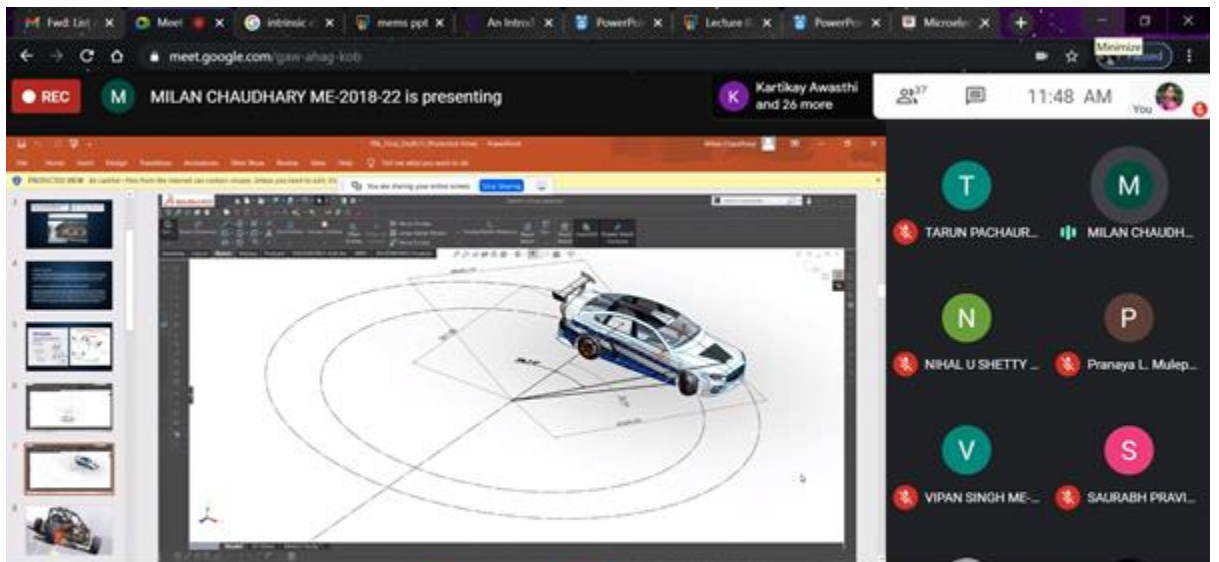
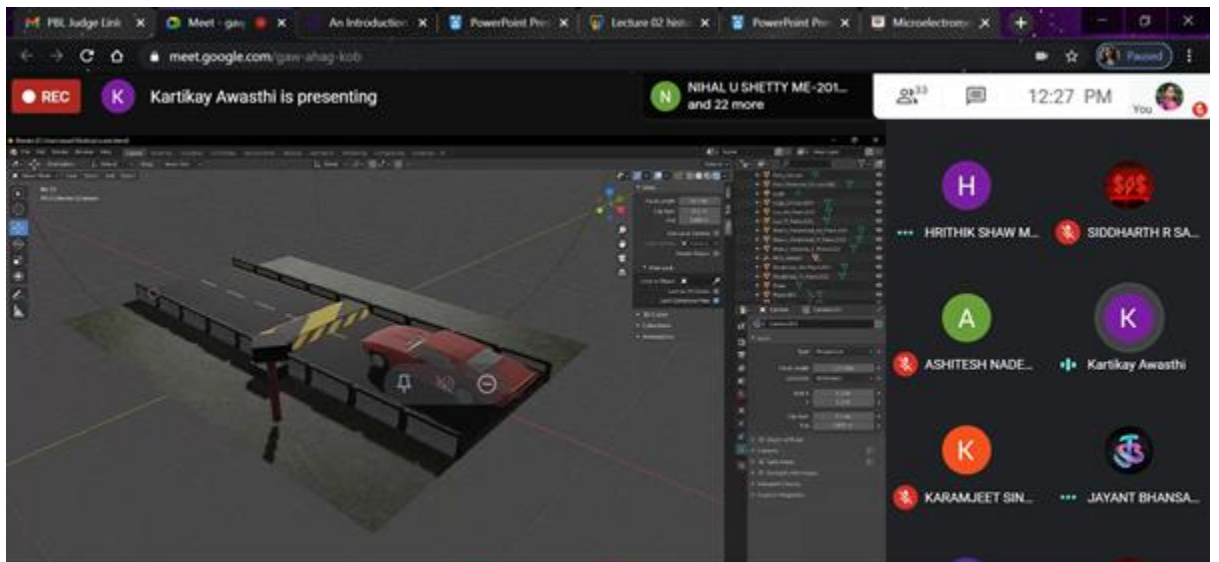
Raise hand Turn on captions VIVEKANANDA VIJAYKUMAR ... is presenting

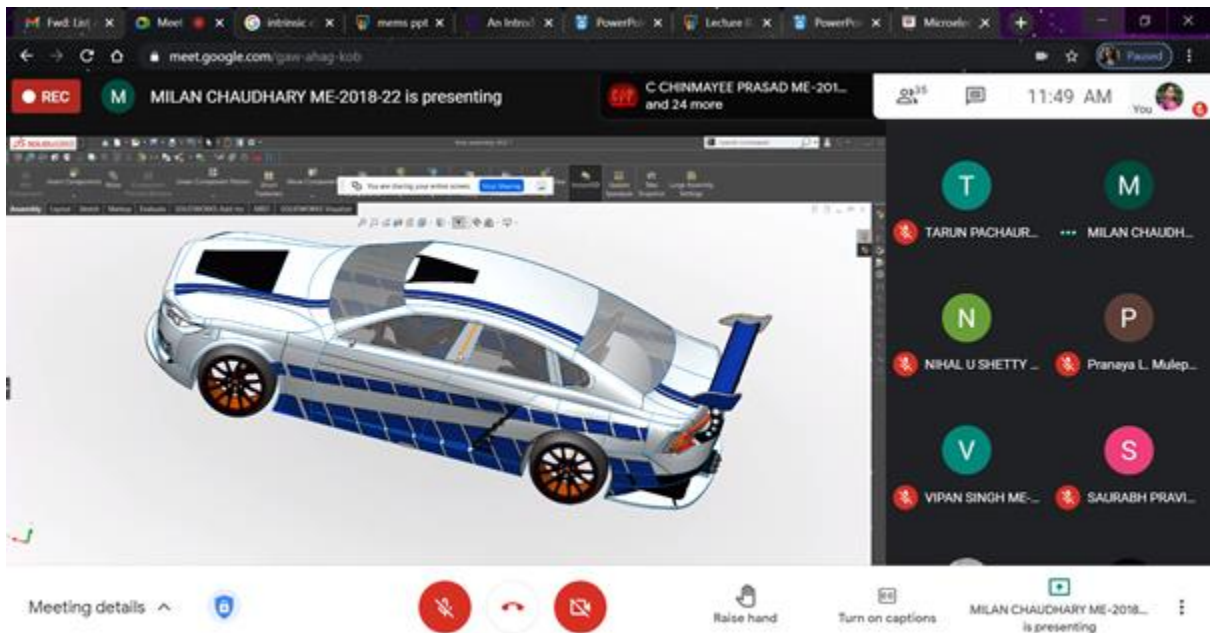
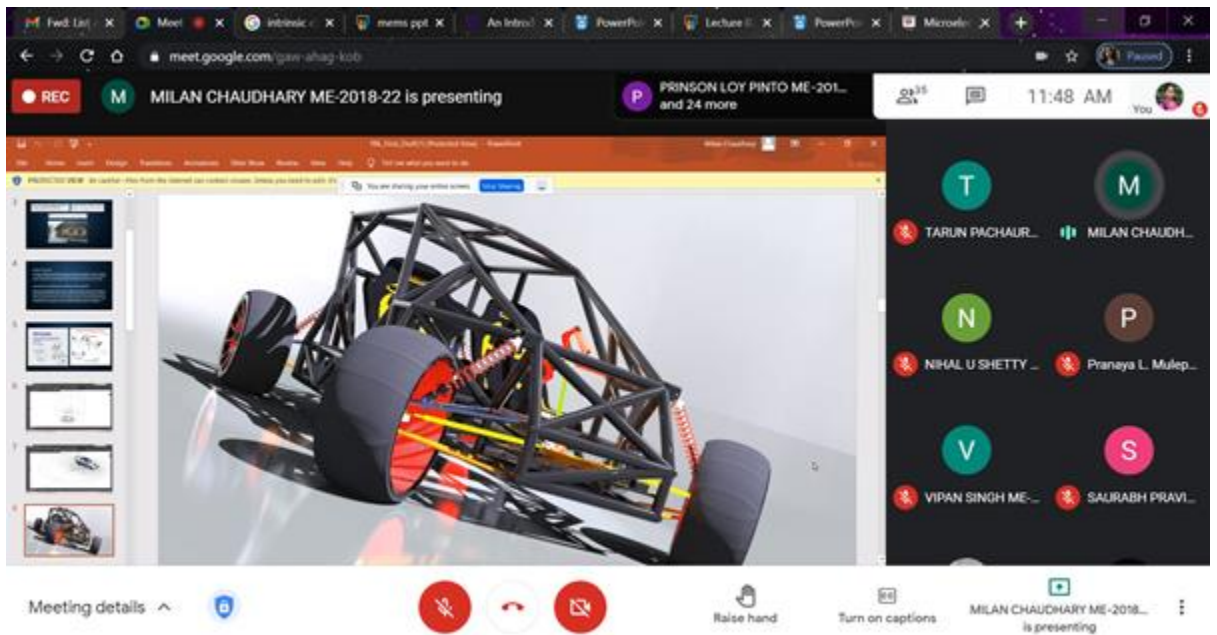
B BHAVANA D V M... Suresh Navandar

V VIVEKANANDA VI... S SOMESH KUMAR ...

C CHIRANTH P T M... B BHANU PRATAP ...







[MECH - YouTube Open Day Links](#)

Promo Video:

<https://youtu.be/vbdVg8C3GNo>

Demonstration Video:

<https://youtu.be/ei4F690-d-M>