

## Mechanical Engineering Student Chapter



**The Institution of Engineers (India)**

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1938)



### What is IEI Mechanical Engg Students Chapter -

The IEI Mechanical Engineering Student Chapter is under the **faculty advisory of Mr G S S Adithya**, Assistant Professor, Mechanical Engineering Dept. This technical student's chapter would come-up with several opportunities for the young generations to explore their technical skills in the field of engineering.

### Our Aim & Goal

The intention of this club is to focus on the recent technical advancements in the field of mechanical engineering and to create successful engineers who can lift the mechanical industry beyond the sky by contributing their skills and knowledge.


### List of activities conducted under this technical students chapter:

S.No	Event type	Event	Organized by	Coordinators	Number of Students participated	Resource Person	Date & Time
	<b>Virtual Unveiling of IEI - Mech Engg Students Chapter @ MUJ</b>		IEI - Mech Engg Students Chapter @MUJ	Mr G S S Adithya	86	Prof. (Dr.) Jagannath Korody	2 <sup>nd</sup> October, 2020, 10am to 11am
1	Webinar	"Need of Innovation at this Hour"	IEI - Mech Engg Students Chapter @MUJ	Mr G S S Adithya	46	Dr Suneel T , TATA Innovations	2 <sup>nd</sup> October, 2020, 11am to 12:30pm
2	Workshop	"Energy recovery systems in electric vehicles"	IEI - Mech Engg Students Chapter @MUJ	Mr G S S Adithya	46	Mr Lokesh Panda, R&D Electric Vehicle Manufacturing Segment, Sky Rider	17 <sup>th</sup> -18 <sup>th</sup> October 2020, 3pm to 5pm

3	Webinar	“Future of Scope Startups in India”	IEI - Mech Engg Students Chapter @MUJ	Mr G S S Adithya	35	Mr Sunny Kabrawala	8 <sup>th</sup> November 2020, 12pm – 1pm
4	Webinar	“The Journey of Below Average Student”	IEI - Mech Engg Students Chapter @MUJ	Mr G S S Adithya	38	Mrs. Sandhya Sharma, CFO Schindler India Pvt. Ltd	5 <sup>th</sup> December, 2020, 12pm – 1pm



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JAIPUR**




NAAC A+ GRADE  
WITH 3.28 SCORE

## Virtual Unveiling of IEI Mech Student Chapter Manipal University Jaipur

**DATE: 2<sup>nd</sup> & 3<sup>rd</sup> October, 2020**  
**TIME: 10 am onwards**




**Prof (Dr)  
Jagannath Korody**  
Dean, FOE




**Prof (Dr)  
GL Sharma**  
Dean, DSW




**Prof (Dr)  
H C Shivaprasad**  
Director, SMM




**Prof (Dr)  
Sudhir Kumar Calla**  
IEI council member,  
ex -Chairman IEI  
Rajasthan State Centre




**Prof (Dr)  
Rahul Goyal**  
Professor & Head  
Department of Mechanical  
Engineering




**Mr. G.S.S. Adithya**  
Faculty advisor of IEI  
Mechanical Student Chapter,  
Department of  
Mechanical Engineering






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IEI  
MECHANICAL  
Student Chapter



A+  
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Expert Talk  
on

# “Need of Innovation at this hour”



2<sup>nd</sup> OCT


FRIDAY  
11 am ONWARDS



Dr. Suneel T S

 @iei\_mechanical

 MUJ IEI Mechanical Student Chapter

 IEI MECHANICAL SCHAP MUJ

GM-Open Innovation, TATA Group Technology and  
Innovation office  
Asia Leader- Product Regulatory Compliance  
20+ years of experience in leading innovation

The screenshot shows a Microsoft Teams meeting in progress. The main content is a presentation slide titled "Innovation, what does it mean to you?". The slide is divided into two columns. The left column lists several bullet points: "Improvement?", "Continuous Improvement?" (with a sub-bullet "Creative?"), "Using Innovation Tools?", "Owning a company?", "Having a Start-up?" (with a sub-bullet "Inventing ?"), and "Being passionate?". The right column is titled "Examples?" and lists: "Google?", "FB?", "WhatsApp?", "iPhone?", "Samsung?", "Light bulb?", "Electricity?", and "Cars?". Below the main content area, there is a yellow box with the text "Creating value! Doing things differently!". The meeting interface includes a sidebar on the left with icons for Activity, Chat, Teams, Assignments, Calendar, Calls, Files, and Help. At the bottom, there is a toolbar with icons for microphone, camera, screen sharing, and other controls. The participant list at the bottom shows three participants: Mallikarjuna, Aditya Vikram Gupta, and Suneel TS. The system tray at the very bottom shows the Windows taskbar with various open applications and the system clock indicating 11:14 on 02-10-2020.

**Innovation, what does it mean to you?**

- Improvement?
- Continuous Improvement?
  - Creative?
- Using Innovation Tools?
- Owning a company?
- Having a Start-up?
  - Inventing ?
- Being passionate?


**Examples?**

- Google?
- FB?
- WhatsApp?
- iPhone?
- Samsung?
- Light bulb?
- Electricity?
- Cars?


**Creating value!**  
**Doing things differently!**

Microsoft Teams interface elements visible:

- Search bar at the top.
- Left sidebar: Activity, Chat, Teams, Assignments, Calendar, Calls, Files, Help.
- Bottom toolbar: Microphone, Camera, Screen sharing, and other controls.
- Participant list at the bottom: Mallikarjuna, Aditya Vikram Gupta, Suneel TS.
- System tray at the bottom: Windows taskbar with various open applications and the system clock (11:14, 02-10-2020).



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Workshop on


## Energy Recovery System in Electric Vehicles

**Take away:**

1. Introduction to KERS
2. Introduction to Regenerative Braking
3. Working Elaboration
4. Types of regenerative braking system
5. Advantages and Disadvantages




**Trainer:**  
Mr. Lokesh Panda  
R&D Electric Vehicle Manufacturing  
Segment, Skyy Rider




**Mr G S S Adithya**  
Workshop Convenor  
Mechanical Engineering  
Manipal University Jaipur

**3 - 5 PM**  
**17 & 18 Oct, 2020**




For more information, contact:  
Workshop head: Shaurya Chaturvedi (+91 7905826191)  
Promotion Head: Winnie Fernandes (+91 7083055285)  
Rahil Shirwalkar (+91 8788957265)

in MUJ IEI Mechanical Student Chapter | @iei\_mechanical




A Admission Skyyrider is presenting



## ENERGY STORAGE MECHANISMS

**1. ELECTRICAL SYSTEMS:**

- In EV's mostly the electric motors are used for recovering the energy from the drivetrain.
- The recovered energy is stored in batteries or super-capacitors.
- The motors are mated with a generator that can convert mechanical energy to electric energy.
- After conversion, the energy is fed into the batteries.



Activate Windows  
Go to Settings to activate Windows.


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**IEI**  
**MECHANICAL**

# Future of Space Startups in India

## Sunny Kabrawala

Founder and Director at Space Technology & Aeronautical Rocketry

**8th November 2020**  
**12 pm**




Meet - sac-ukgw-fdy

meet.google.com/sac-ukgw-fdy?pli=1&authuser=1

Meeting details

People (37)

Chat

Aakash Karhale 12:37 PM  
What are your views on asteroid mining and psyche 16?

Priyasha Singh 12:38 PM  
sir it will be my first year and it took me alot time to decide branch as i love exploring things out and at the end whatever i do with motive of learning . somehow i took it as like it, eduction system is more of grades and ece or mech i felt would take much efforts of mine buyt i dont want to confine myself to cse or coding or any other . big tech but i more interested in innovation and interests as u said iro may i still be able to as there are so many limitations u mentioned?

Meeting details

Turn on captions

Present now

Send a message to everyone

12:39 PM  
08-Nov-20


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**IEI  
MECHANICAL  
Student Chapter**



## THE JOURNEY OF A BELOW-AVERAGE STUDENT...

**Sandhya Sharma**  
Chief Financial Officer at Schindler India Pvt. Ltd.

**5 December 2020  
12 pm**

