



22/07/2021

## IGNITION 2020 – National Level Technical Symposium - Technical Report

The department of mechanical engineering successfully conducted IGNITION, a national level technical symposium on 21-05-2021. Dr. S.Ramesh Babu, HOD/MEC welcomed the chief guest and the gathering. The function was inaugurated by Mr. CKM. Rohithsurya, Assistant Consultant, TCS, Chennai. The symposium was started with Prayer song and a technical presentation by the chief guest.

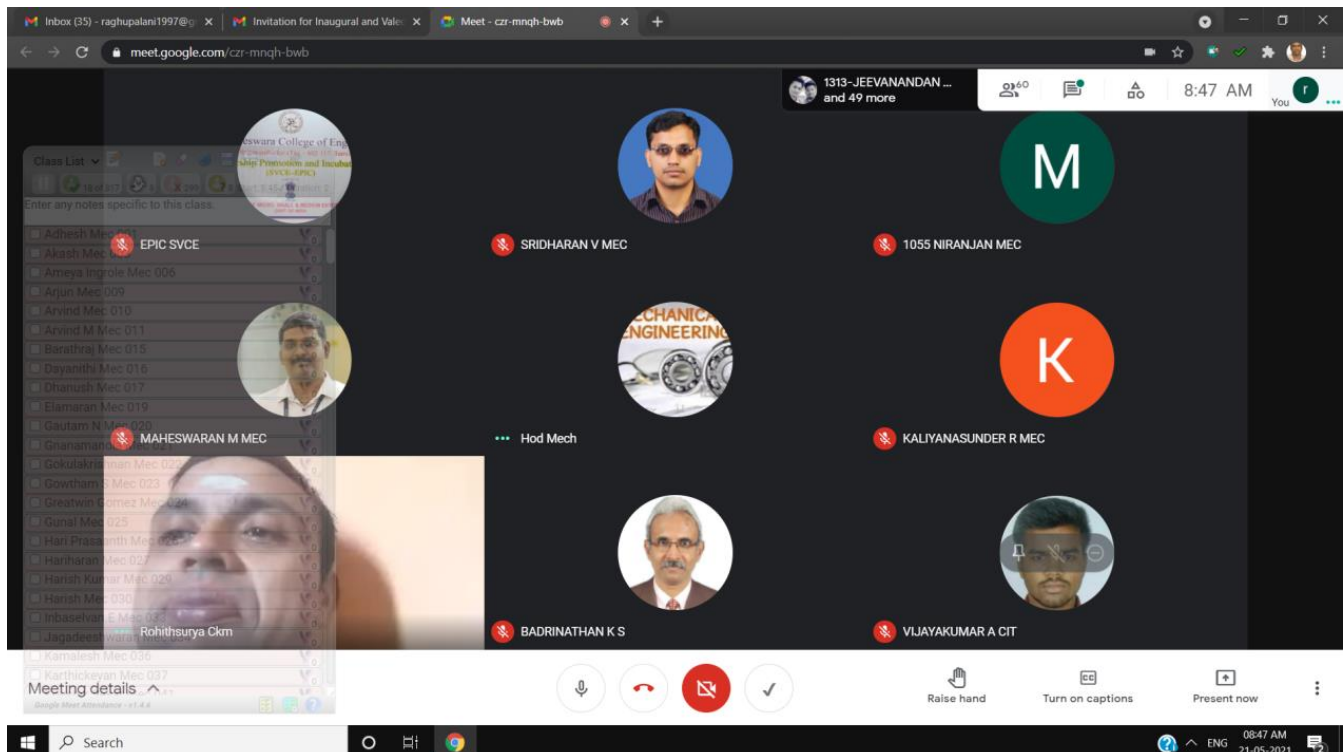
Around 250 students across the state from different colleges enthusiastically participated in this event. On this day, Five Technical events and one non-technical events were organized.

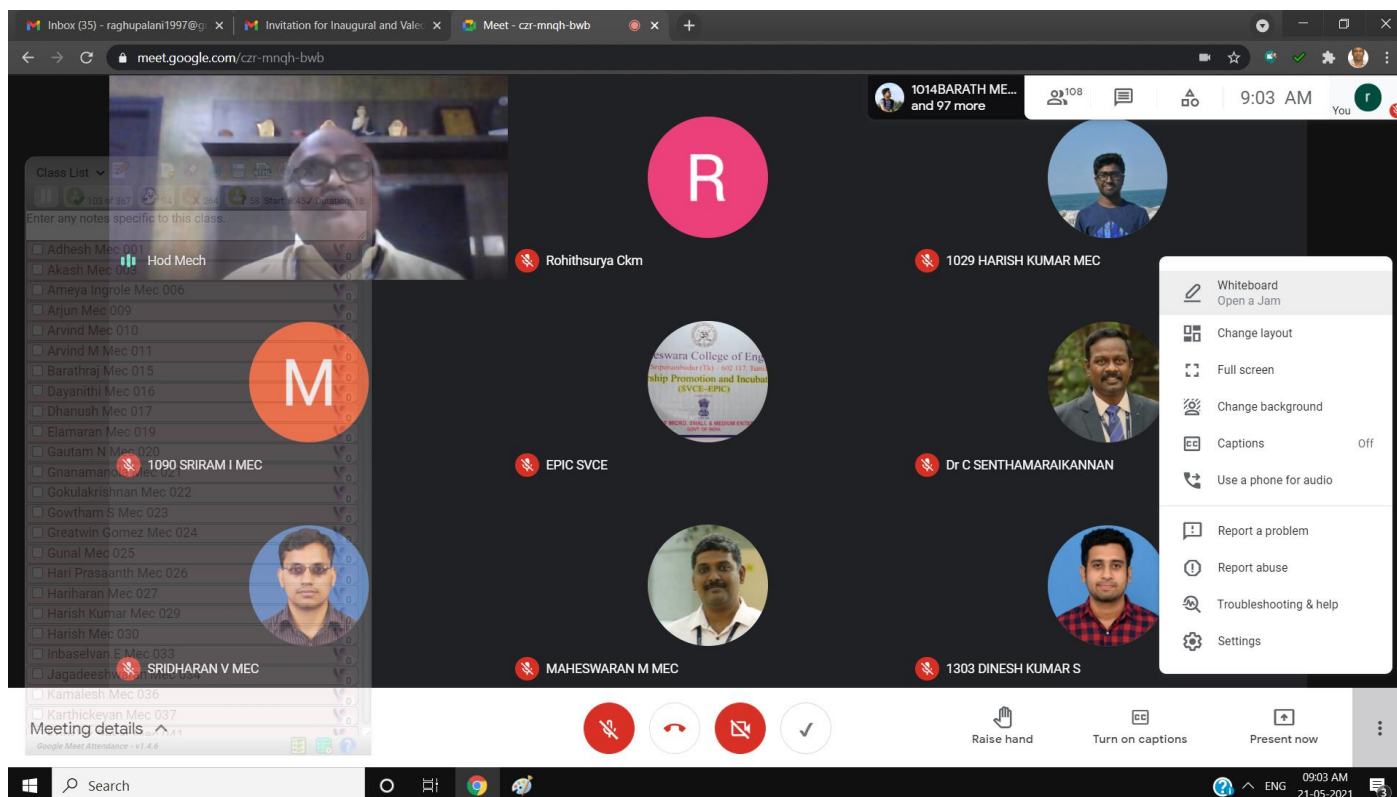
The technical and non-technical events include Quiz and Aptitude, Connexion, Business Idea, Part Modelling, Guess the car, Technical Group discussion and Paper Presentation.

### 1. Paper Presentation:

This is an important event in the symposium. It is a group event with each team having a maximum of 3 members. This event allows students to exhibit their skills in research and development. There are three streams in this event -Design, Thermal, and Manufacturing.

Total number of participants - 36





## Winners

Name of the students	College	Title of the paper	Position
E. VIGNESH	JEPPIAR ENGINEERING COLLEGE	power generation from MHD using IC engine exhaust gad	1
RAMASWAMY, PARTHASARATHY, SABARINIVAS	EASWARI ENGINEERING COLLEGE	implementation of renewable hybrid energy system	2
PRASHANTH M D, KOUSHIKAN, KAVIN	RMK ENGINEERING COLLEGE	Automatic emergency braking	3

## 2. Part Modelling:

This event tests the design skills of the participants. This event is conducted in two levels. The first level is MCQ round where the participants are filtered. In the second level the participants have to design the components in Creo or any modelling software to solve the given problem.

Total number of participants – 111

## Winners

Name of the students	College	Position
MATHESH BABU JK	THIAGARAJAR COLLEGE OF ENGINEERING	1
VAISHNAVEE S	THIAGARAJAR COLLEGE OF ENGINEERING	2
PRAKASH E	CHENNAI INSTITUTE OF TECHNOLOGY	3

## 3. Quiz and Aptitude:

This event was having the general aptitude questions and some questions related to the Mechanical Engineering. Those questions are MCQ type. This event had two level. Those who win the first level participated in the second level.

Total number of participants – 91

#### Winners

Name of the students	College	Position
Justin Joseph	Chennai institute of technology	1
J.Sidheswaran	Sri Venkateswara College of Engineering	2

#### 4. Connexion:

In this event we use multiple number of pictures. By connecting those pictures, the final word to be find, those are Mechanical Engineering related word. The maximum of 3 images are used for a single word.

Total number of participants – 94

#### Winners

Name of the students	College	Position
Jayant Aryan Swain	Sri Venkateswara College of Engineering	1
Shrudin	Sri Venkateswara College of Engineering	2

#### 5. Business Idea:

In this event, the student will present their business ideas related to mechanical field and to compromise the judges by answering their questions about their business implementation.

Total number of participants – 33

#### Winners

Name of the students	College	Position
YUVARAJ C	SRI SAIRAM ENGINEERING COLLEGE	1
RAMASWAMY	EASWARI ENGINEERING COLLEGE	2

#### 6. Guess the car:

In this event, a component picture of a car will be projected. The team which find the component and where that part is used in the car need to be answered. In addition, if they answer the car name and brand name the bonus points are given.

Total number of participants – 104

#### Winners

Name of the students	College	Position
Sai Santhosh S	Sri Venkateswara College of Engineering	1
Kirran Goutam	Sri Venkateswara College of Engineering	2

## 7. Technical Group discussion:

This event tests the public speaking skill of the participant. It is conducted in two rounds, first round is group discussion where the participants are filtered. The selected participants debate the final round and the best speakers are awarded.

Total number of participants – 53

### Winners

Name of the students	College	Position
AMIRTHALAKSHMI K	SARANATHAN COLLEGE OF ENGINEERING	1
AJAY SIVARAMAN A	PSG College Of TECHNOLOGY	2

### Valedictory Function

Dr. K.S.Badrinathan, Professor, Dean – Educational Development, Department Of Mechanical Engineering, Sri Venkateswara College of Engineering, presided over the Valedictory function as chief guest and delivered the valedictory address. All winners were announced by Dr.S.Ramesh babu, HOD/MEC and they were awarded cash prize along with the certificates.

  
Dr. S. RAMESH BABU, M.E., Ph.D  
Professor & Head  
Department of Mechanical Engineering  
Sri Venkateswara College of Engineering  
Pennalur, Sriperumbudur (TK) - 602117.  
Tamilnadu, INDIA.

**HoD/MEC**

**Amount Transferred through online – particulars**

<b>Event Name</b>	<b>Name of the student</b>	<b>College</b>	<b>Position</b>	<b>Amount Rs.</b>
<b>Part Modelling</b>	MATHESH BABU JK	THIAGARAJAR COLLEGE OF ENGINEERING	<b>1</b>	<b>1000</b>
	VAISHNAVEE S	THIAGARAJAR COLLEGE OF ENGINEERING	<b>2</b>	<b>750</b>
	PRAKASH E	CHENNAI INSTITUTE OF TECHNOLOGY	<b>3</b>	<b>500</b>
<b>Paper Presentation</b>	E.VIGNESH	JEPPIAR ENGINEERING COLLEGE	<b>1</b>	<b>1000</b>
	RAMASWAMY	EASWARI ENGINEERING COLLEGE	<b>2</b>	<b>750</b>
	PRASHANTH M D,	RMK ENGINEERING COLLEGE	<b>3</b>	<b>500</b>
<b>Quiz and Aptitude</b>	Justin Joseph	Chennai institute of technology	<b>1</b>	<b>600</b>
	J.Sidheswaran	Sri Venkateswara College of Engineering	<b>2</b>	<b>400</b>
<b>Guess the car</b>	<b>Sai Santhosh S</b>	Sri Venkateswara College of Engineering	<b>1</b>	<b>500</b>
	Kirran Goutam	Sri Venkateswara College of Engineering	<b>2</b>	<b>300</b>
<b>Technical Group discussion</b>	AMIRTHALAKSHMI K	SARANATHAN COLLEGE OF ENGINEERING	<b>1</b>	<b>600</b>
	AJAY SIVARAMAN A	PSG College Of TECHNOLOGY	<b>2</b>	<b>400</b>
<b>Connexion</b>	Jayant Aryan Swain	Sri Venkateswara College of Engineering	<b>1</b>	<b>600</b>
	Shrudin	Sri Venkateswara College of Engineering	<b>2</b>	<b>400</b>
<b>Business Idea</b>	YUVARAJ C	SRI SAIRAM ENGINEERING COLLEGE	<b>1</b>	<b>500</b>
	RAMASWAMY	EASWARI ENGINEERING COLLEGE	<b>2</b>	<b>300</b>
<b>Total</b>				<b>9100</b>

**(Rupees Nine Thousand One Hundred Only)**

**(Note :- Transaction particulars attached )**