



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME) under Tier - I

Approved by AICTE and Permanently Affiliated to JNTUK, Kakinada



Department of Mechanical Engineering

Three Day Student Workshop on "3D Printing and it's Applications"

Date / Duration: 9th - 11th June, 2021

Resource Persons

1.Mr.Koppunur Rakesh

VSD3D, Hyderabad

Dr. K.Murahari & Mr. K.V.Viswanadh

Department of Mechanical Engineering, LBRCE, Mylavaram

Mr.Rakesh Koppunur is presently working as Senior Manager at DesignTech Systems Ltd., Hyderabad. He has an experience more than 6 years in the Field of 3D Printing technology. He received the gold medal in Master of Technology (Advanced Manufacturing Systems). He conducted more than 100 Seminars across different verticals like Education, Automobile, Medical and Manufacturing for developing awareness in 3D printing and 3D scanning Technologies

Name of the Coordinators:

1. Dr. K.Murahari, Assoc. Professor
2. Mr. K.V.Viswanadh, Sr.Asst.Professor
3. Mr. K.Lakshmi Prasad, Asst.Professor

Audience: B.Tech I & II Year Mechanical Engineering Students

Total Number of Participants: 139

Topics covered in the one day workshop: Introduction to 3D Printing, 3D Printing Techniques, Softwares used for 3D Printing, 3D Printing Applications.

Objective of the Event: The objective of this workshop is to provide a basic understanding of the techniques to develop 3D geometric model for 3D printing components.

Outcome of the Event: The 139 participants who attended the webinar gave their feedback on the Resource person(s) sessions and gained knowledge on the 3D printing & it's Applications.

Workshop Brochure:

Objectives & Outcome

Objective:

The objective of this workshop is to provide a basic understanding of the techniques to develop 3D geometric model for 3D printing components.

Outcome:

By the end of the Workshop, the students will be able to design and fabricate simple 3D printed objects using various 3D printing softwares and techniques.

Contents cover in Workshop

- Introduction to 3D printing
- 3D Techniques
- 3D Printing Softwares
- 3D Printing Components
- CAD models, Generation of STL files, Calculations of layer by layer profiles.
- Support Structure Formation of 3D Printing
- Applications of 3D Printing

Resource Persons

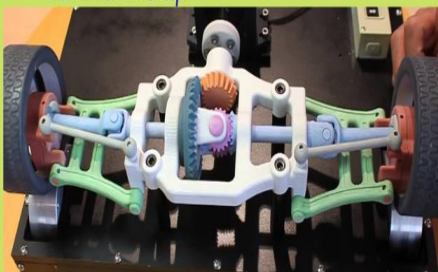
- Mr. Koppunuru Rakesh, VSD3D, Hyderabad
- Dr. K. Murahari, Associate Professor
- Mr. K. V. Viswanadh, Asst. Professor

Workshop Date & Timings

- From 09-06-2021 to 11-06-2021
- Session-1 : 10.00AM - 12.00 PM
- Session-2 : 02.00PM - 04.00 PM

Note:

- Certificates will be issued to all the students who attend the workshop.



Chief Patrons

Er. Lakireddy Bali Reddy
Chairman, LBRCE
Sri L. Jaya Prakash Reddy
Co-Chairman, LBRCE
Sri L.R.N.K. Prasad Reddy
Vice-Chairman, LBRCE



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Principal, LBRCE
Dr. K. Harinadha Reddy
Vice-Principal, LBRCE



Convener

Dr. S.Pichi Reddy
HOD- ME, LBRCE



Workshop Coordinators

Dr. K. Murahari, Associate Professor,
Department of Mechanical Engineering
Mr. K. V. Viswanadh, Sr. Asst. Professor,
Department of Mechanical Engineering

Mr. K. Lakshmi Prasad, Asst. Professor,
Department of Mechanical Engineering



Three Days Student Workshop on
3D Printing and its
Applications
(9th-11th June-2021)

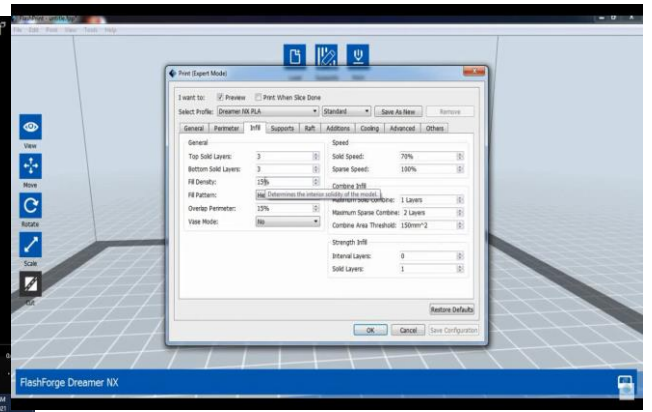
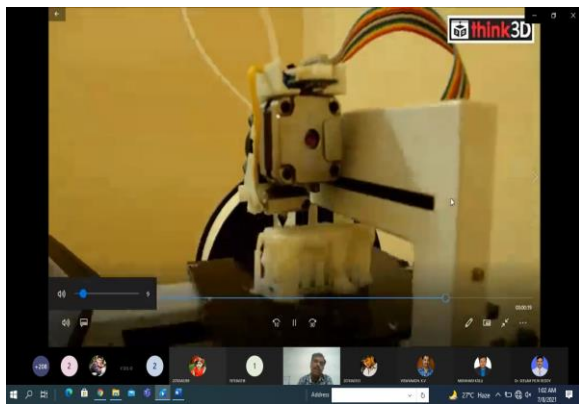
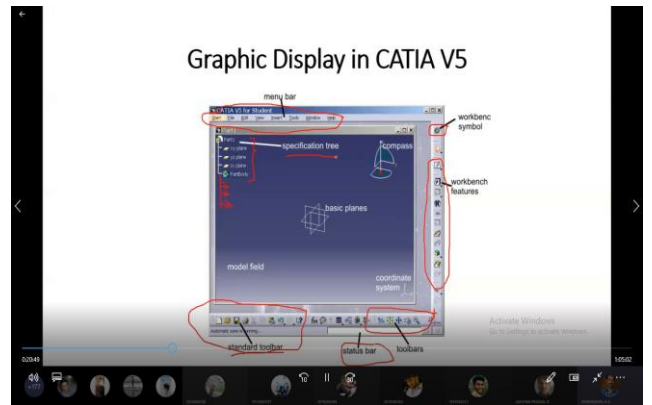
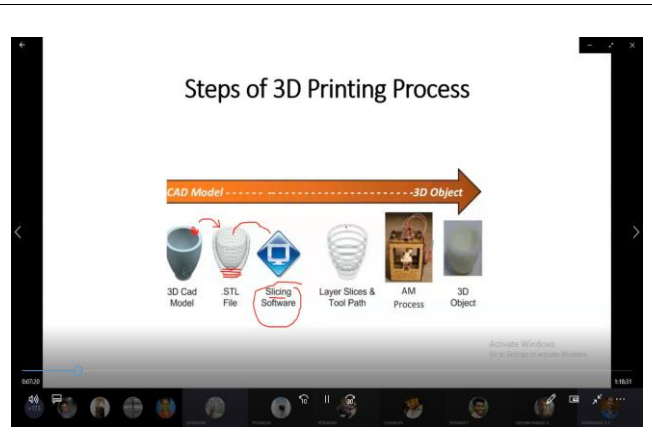
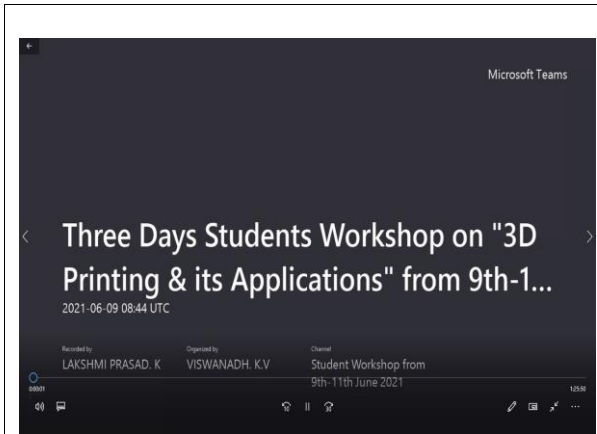


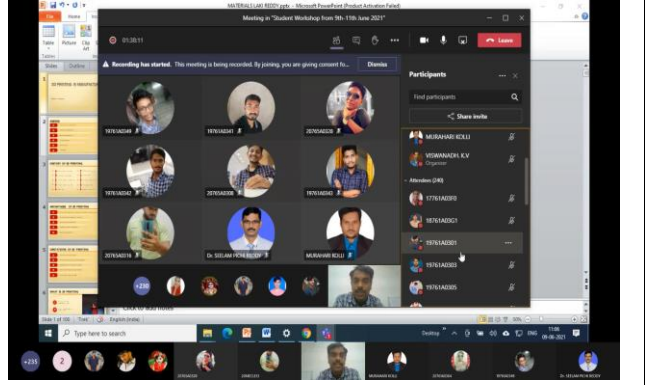
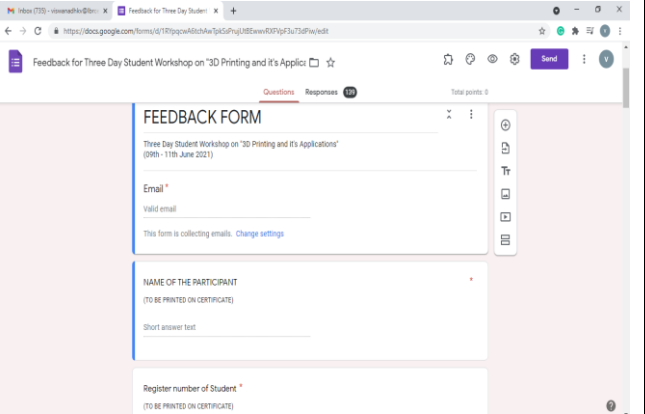
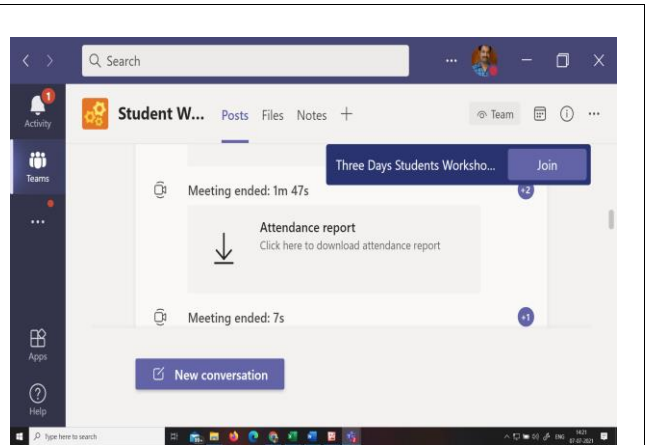
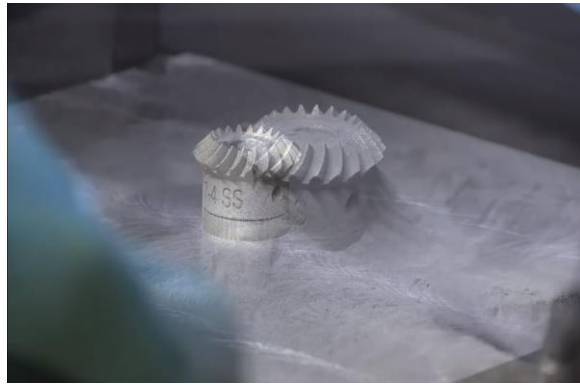
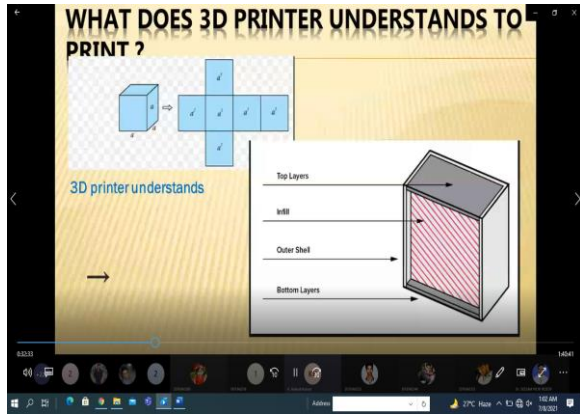
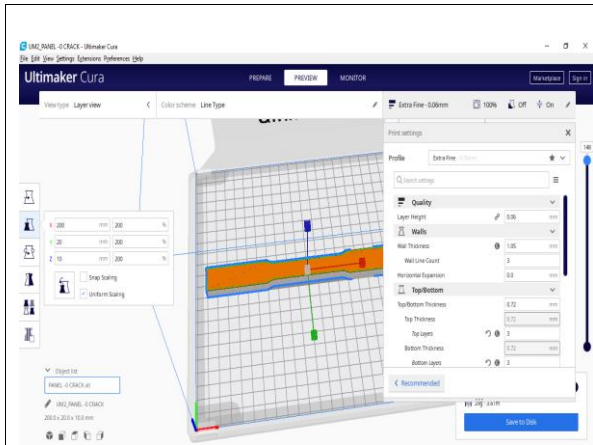
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LAKIREDDY BALI REDDY
COLLEGE OF ENGINEERING (A)

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ISO 9001:2015 Certified Institution Approved by AICTE,
New Delhi and Affiliated to JNTUK, Kakinada
L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230

Photographs:



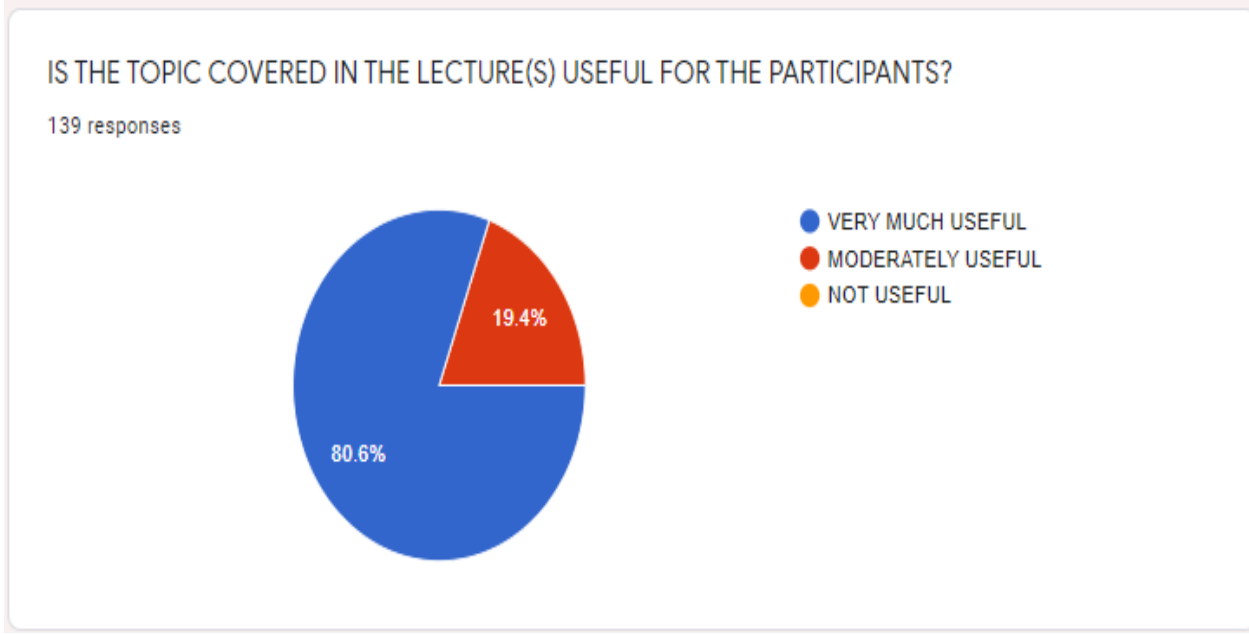
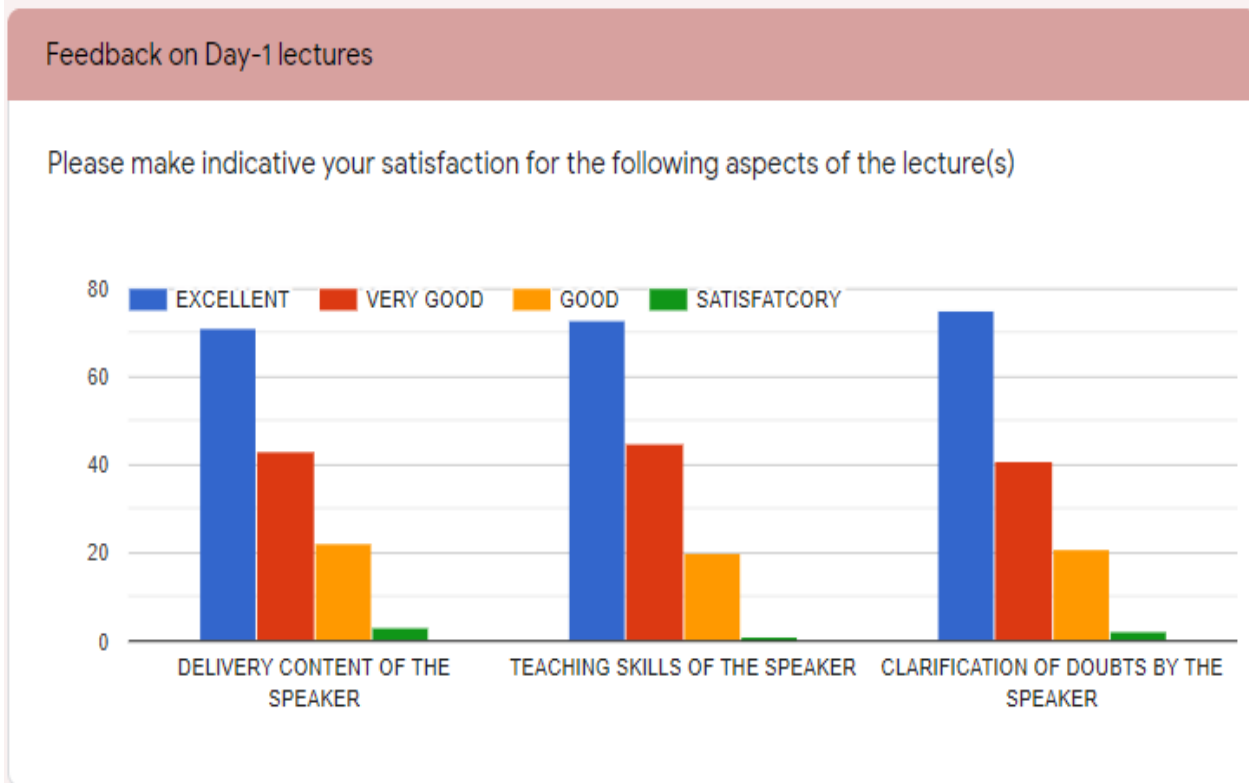


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VIEWANADH K.V	Left	6/9/2021, 1:52:13 PM
VIEWANADH K.V	Joined	6/9/2021, 1:52:28 PM
VIEWANADH K.V	Left	6/9/2021, 1:53:05 PM
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Feedback / Suggestions:

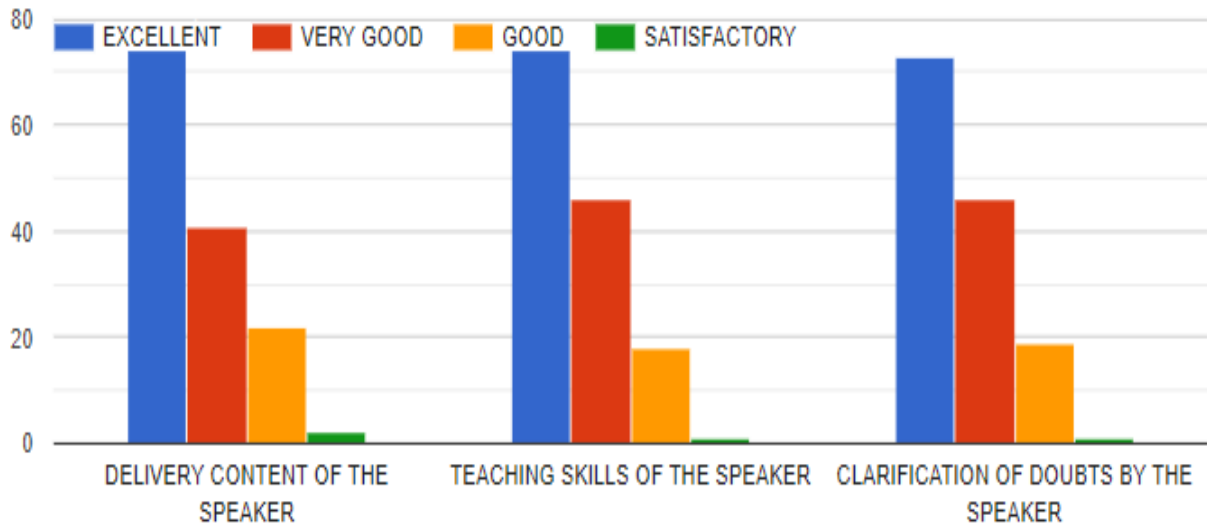
1. The Workshop Will be more efficient if it is conducted in offline mode.
2. Many of the workshops should have been conducted in the future.

Feedback Report: The student participants gave their feedback on the three day workshop and the responses were shown in the form of graph given below.



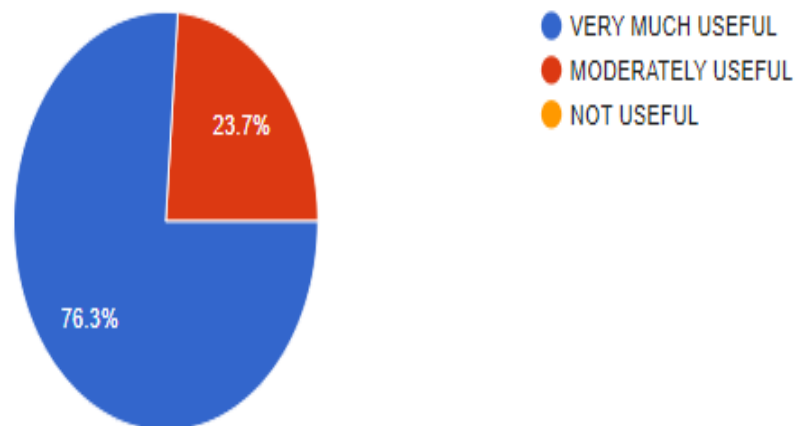
Feedback on Day-2 lectures

Please make indicative your satisfaction for the following aspects of the lecture(s)



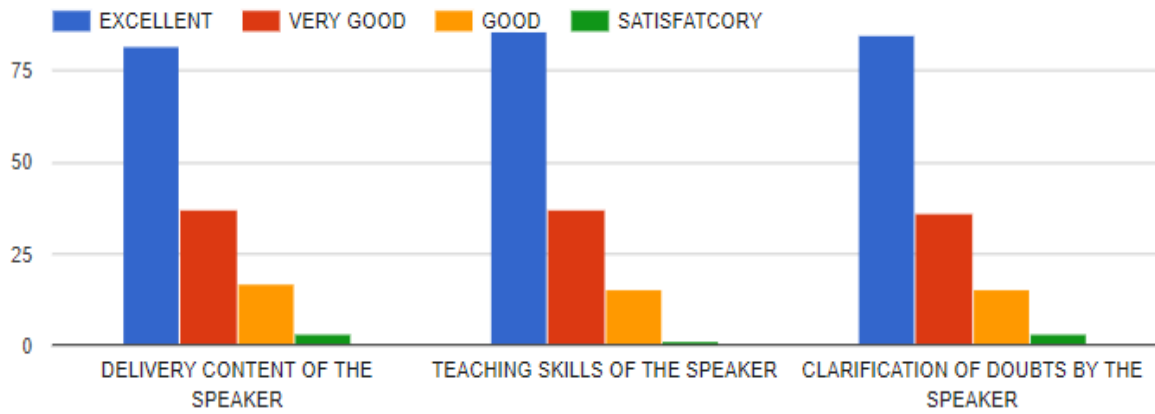
IS THE TOPIC COVERED IN THE LECTURE(S) USEFUL FOR THE PARTICIPANTS?

139 responses



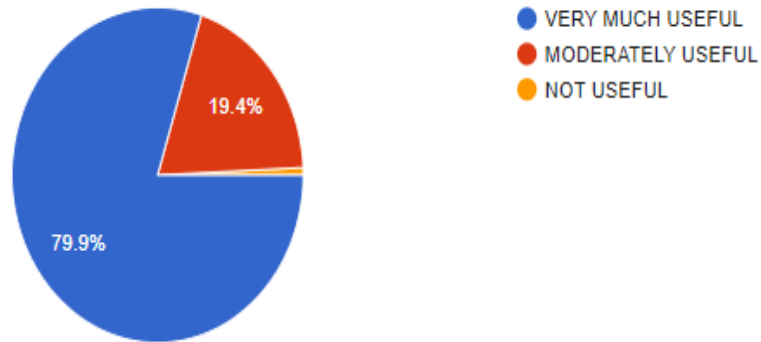
Feedback on Day-3 lectures

Please make indicative your satisfaction for the following aspects of the lecture(s)



IS THE TOPIC COVERED IN THE LECTURE(S) USEFUL FOR THE PARTICIPANTS?

139 responses



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