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Department of Mechanical Engineering
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LIST OF EVENTS FOR THE YEAR 2021-22				
Sl no.	Date	Event	Topic	Resource Person
1	05/10/2021	Technical Talk	How to Write a Project Proposal	Dr. Vignesh Nayak U, Sr. Assistant Professor, Dept. of Mechanical Engineering, MITE, Moodabidri
2	20/10/2021	Technical Talk	Project Management & Finance	Mr. Sinan Ismail, Chief Technical Officer, Rebellion Motors Pvt Ltd, Bangalore
3	10/11/2021	Technical Talk	Project Planning & Execution	Mr. Shetty Harshith Ramesh, Production Engineer, G R Enterprises, Mumbai
4	04/11/2021	Technical Talk	Societal and Environmental contexts of Anti Corrosion Protection surface treatment	Mr. Naveen Bharadwaj, Technical Process Engineer, Electrofer Group, Portugal
5	17/11/2021	Technical Talk	Opportunities and Challenges for Mechanical Engineers in Industry	Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore
6	24/11/2021	Technical Talk	Exposure of CAD, CAM, CAE in Product Development	Mr. Santhoshkumar K R Manager Business Support, CADD center
7	14/12/2021	Technical Talk	Engineering Solutions for Rural Development	Mrs. Manorama Bhat G.V Consultant PRESS ALTERNATIVE, TOKYO, JAPAN
8	11/01/2022	Technical Talk	Application of AI for the Concepts of Mechanical Engineering	Prof. Raghavendra Rao, Business School IBS Group, , No:231,



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				Kengeri, Bangalore – 560060
9	23/04/2022	Technical Talk	Career Advancement Skills”	Mr. Karthik M Naik, Dassault System, Design Engineer, Pune
10	28/04/2022	Technical Talk	Simulation of Defense, Space and Aeronautical Applications-a prospective future for Mechanical Engineers”	Mr. Dhanish Abdul Khader, Sales & Marketing, SS Technologies, Bangalore
11	13/05/2022	Technical Talk	Sustainability: An Engineer’s Job in Creating a Sustainable World	Mr. Harish M Shenoy, Director, Plastic Fischer, Bangalore
12	13/12/2021 to 14/12/2021	Workshop	Two days workshop on “Electric Vehicle Technology	Mr. Suraj S D ,founder & CEO, DECIBELS PVT LTD
13	10/12/2021 to 11/12/2021	Workshop	Two days workshop on 3D Printing-The cutting Edge Technology	Mr. Praveen Olekar, Co-founder &CEO, Nixbess
14	18/06/2022	Project Exhibition	Innovation-2022	Dr. Ramesha M R, Dept. of Mechanical Engineering, NITK, Surthakal.
15	22/08/2022	Technical Talk	Two Days Alumni Technothon – MITE (ATM-2022)	Mr. Praneet Shetty,Prototype Engineer- Battery Development Pravaig Dynamics, Bangalore
16	17/11/2021		Felicitation to the Academic Toppers	Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore.
17	17/11/2021	Technical Event	MECHMITE'S INAUGURATION: 2021-22	Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore
18	05/04/2022 to 7/04/2022	Faculty Development Program	“Introduction to ROBCAD”	Mr. Vikranth Kannanth M S, Sr. Assistant Professor Department of Mechanical Engineering,



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				MITE, Moodabidri - 574225
	29/08/2022	Faculty Development Program	"Cloud-based 3D CAD, CAM, and CAE platform for product development"	Abhinandan Kabbur Designation: Director Head – Product Design & Manufacturing. Medini Technologies, Bangalore



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Date: 05.10.2021

Report of talk

1. **Title:** How to Write a Project Proposal
2. **Resource person name & Address:** Dr. Vignesh Nayak U, Sr. Assistant Professor, Dept. of Mechanical Engineering, MITE, Moodabidri
3. **Brief Profile of Resource person:** He having 6 years of research experience at NIT, Karnataka, and 2 years of teaching experience. His area of research is Material science.
4. **Date organized:** 05.10.2021
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Documentation
 - b) Background/History/Literature Review
 - c) Identifying the requirement
 - d) Defining Problem statement, Objectives, and Scope
 - e) Adoption of methodology
 - f) Time frame
 - g) Preliminary Investigation
 - h) How to arrive at the solution
7. **Venue:** Online (<https://meet.google.com/iyg-dspx-eci?hs=122&authuser=0>)
8. **Target Audience:** Students of 7ME
9. **Attendance Sheet:** Attached
10. **Courses Related to the topic of presentation:** Project Phase-II
11. **The outcome of the Talk:** Students were able to understand the steps to be followed and preliminary study to be taken before writing the project proposal and how to concisely prepare the proposal.
12. **Feedback:** Attached
13. **Session recording Link:**
https://drive.google.com/file/d/1gb_hwMsBQHIFjiBWIFjH3ouNj7jVo_p/view?usp=sharing
14. **Program Coordinator:** Mr. Shivaramu H T, Sr. Assistant Professor, Mechanical Engineering
15. **Program Photos.**

REC

D Dr. Vignesh Nayak Ullal is presenting

What is a project proposal

It is a document that outlines everything stakeholders need to know to initiate a project

A proposal informs and persuades, and combines various skills

Elements:

Executive summary

It states the problem clearly, addresses how your proposed project intends to solve the problem, and discusses what a successful project looks like

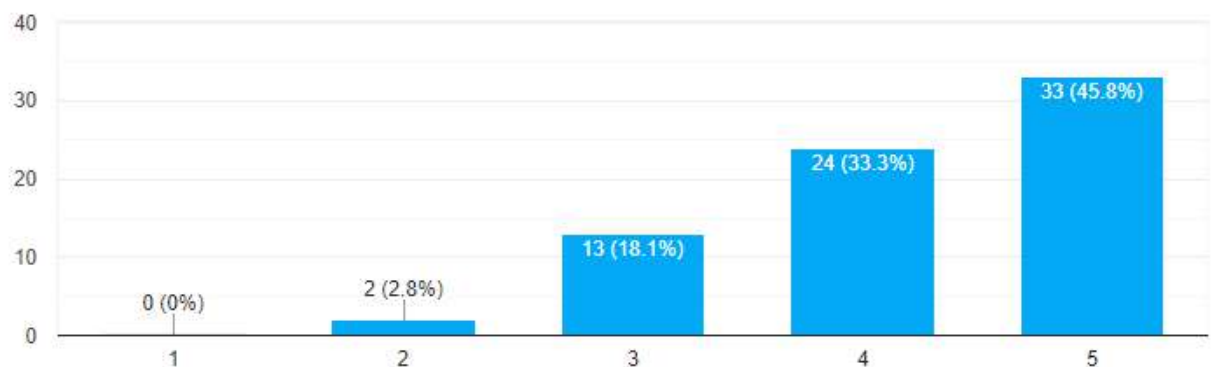
Dr. Vignesh Nayak U, delivering the session

Feedback Analysis

How helpful for you to prepare project proposal?

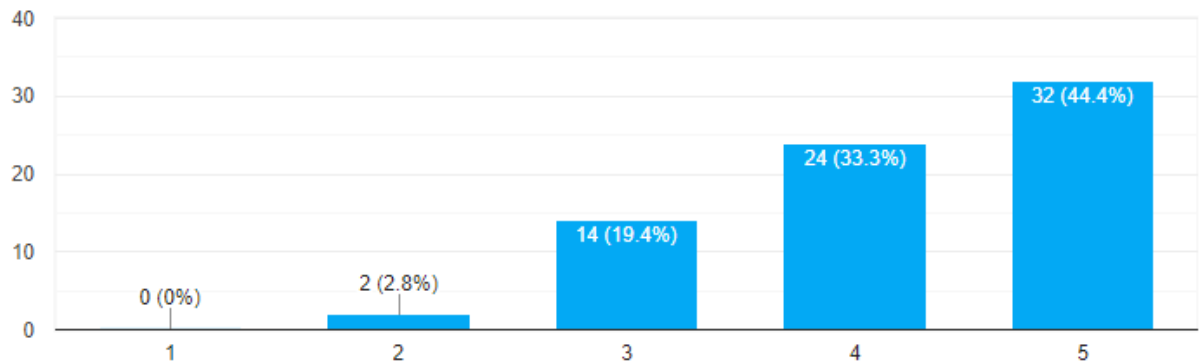


72 responses



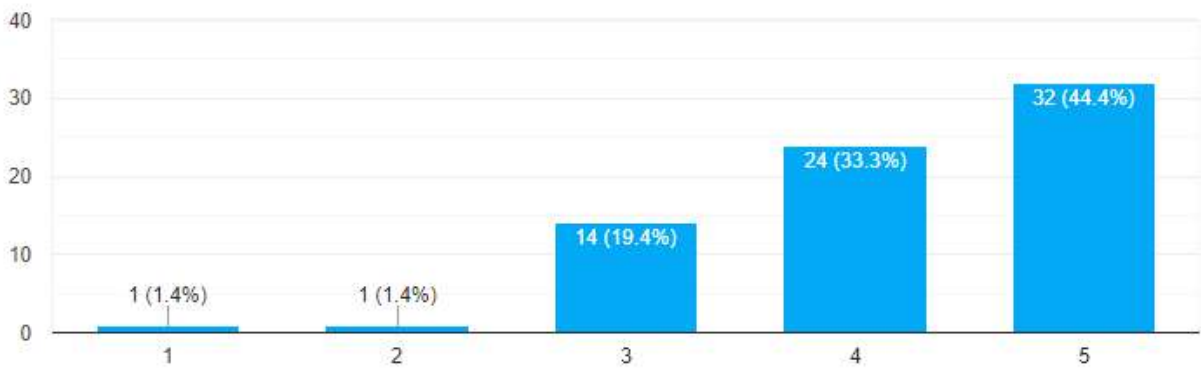
How many significant key takeaways were there in the session?

72 responses



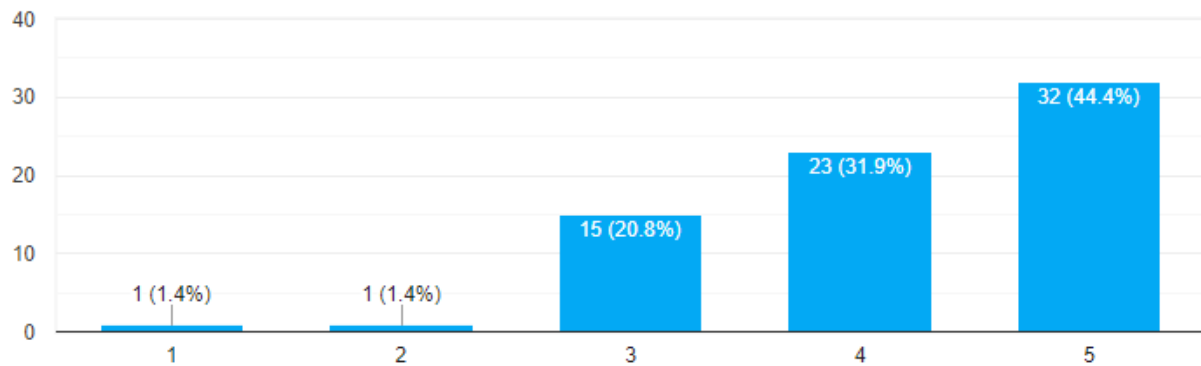
I gained knowledge on steps to be followed while defining Problem

72 responses



I gained knowledge on how to carry out literature review

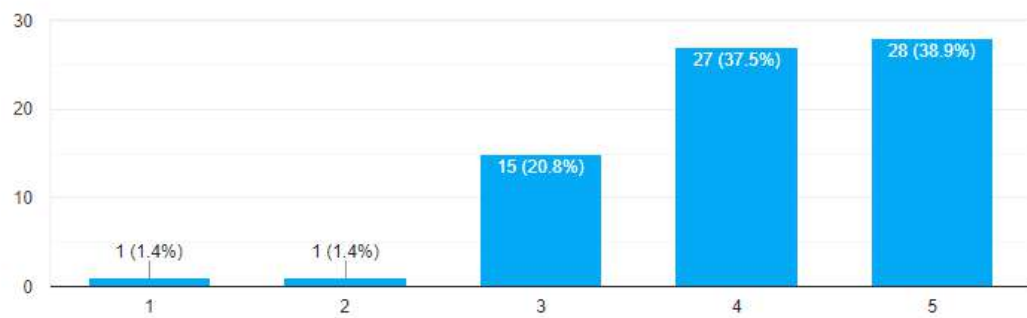
72 responses



I gained knowledge on how to define objectives of the project



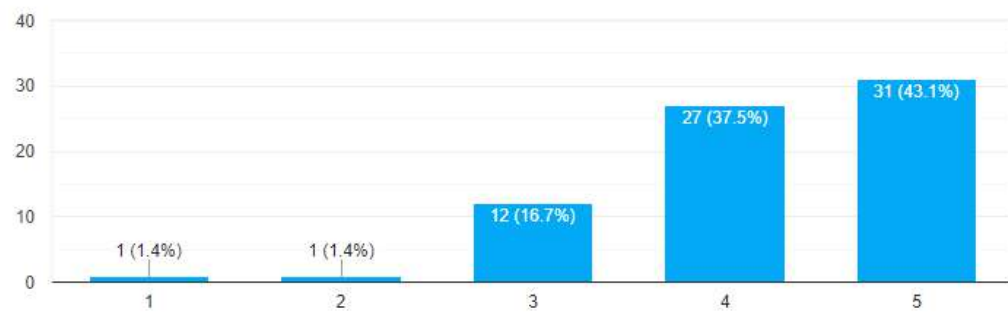
72 responses



I gained knowledge on methodology adoption to complete project work



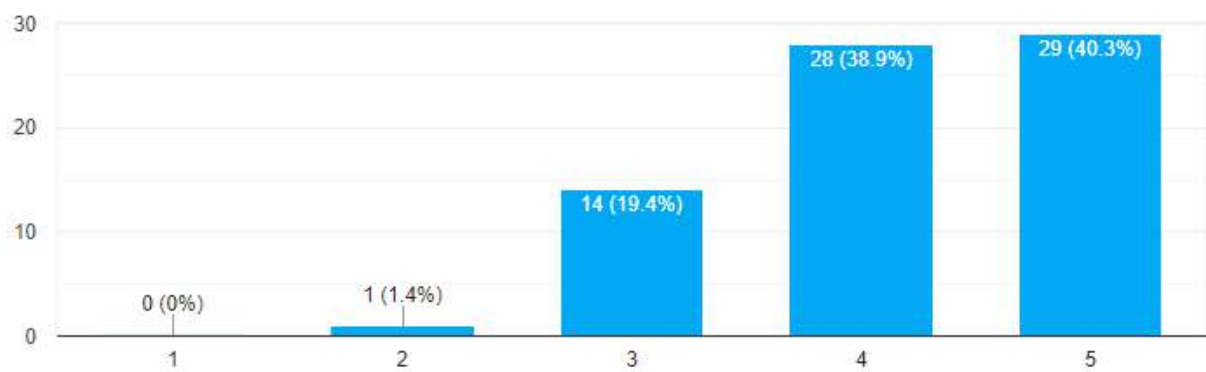
72 responses



How satisfied are you with the content delivered in the webinar?



72 responses



Attendance List

Sl. No.	Name	USN	Section
1	MOHAMMED YASEEN	4MT18ME067	7ME1
2	D P ANISH	4MT18ME031	7ME1
3	PAVAN KUMAR.J	4MT18ME082	7ME1
4	NITHESHA KUMAR	4MT18ME079	7ME1
5	SHETTY ADARSH SEETARAM	4MT18ME115	7ME1
6	HARSHITH POOJARY	4MT18ME039	7ME1
7	KRISHNA N	4MT18ME050	7ME1
8	ASHWIN K	4MT18ME024	7ME1
9	PRUTHVI	4MT18ME089	7ME1
10	ABHISHEK A SHETTY	4MT18ME003	7ME1
11	AKASH SHETTY	4MT18ME010	7ME1
12	MAHAMMED JAVID	4MT18ME053	7ME1
13	AJITH S	4MT18ME007	7ME1
14	JOSWYN RAJAT MENEZES	4MT18ME046	7ME1
15	V. KISHAN VKUMAR	4MT17ME155	7ME1
16	PRAJWAL G NAGMULE	4MT18ME085	7ME1
17	ATHERHUSSAIN ISMAIL UPPARKAR	4MT19ME401	7ME1
18	MOHAMMED FURQAN	4MT18ME062	7ME1
19	AKSHAY A	4MT18ME011	7ME1
20	ROYSTON CORDA	4MT18ME101	7ME1
21	SREERAG V	4MT18ME124	7ME1
22	ADWEAITH MENON	4MT18ME006	7ME1
23	NITHIN NORONHA	4MT18ME080	7ME1
24	BHASKARA GOWDA	4MT18ME025	7ME1
25	KARTHIK PRABHU	4MT18ME047	7ME1
26	JITHESH	4MT18ME045	7ME1
27	AKASH S ADAVIBHAVI	4MT18ME008	7ME1
28	LOYAL AARON NORONHA	4MT18ME052	7ME1
29	ASHISH AJRI	4MT19ME400	7ME1
30	SHASHANK K	4MT18ME110	7ME2
31	SUDHANSHU	4MT18ME126	7ME2
32	SRINIDHI N	4MT18ME125	7ME2
33	DEEKSHITH	4MT18ME033	7ME2
34	AMIR	4MT17ME022	7ME2
35	RANJITH K	4MT18ME095	7ME2
36	RADHVIK POONJA	4MT17ME096	7ME2
37	MUHAMMED SAAD	4MT18ME071	7ME2

38	HASHEEL ISMAIL ABDUL RAHIMAN	4MT18ME040	7ME2
39	RITHVIK S SHETTY	4MT18ME100	7ME2
40	SUMANTH S DEVADIGA	4MT18ME130	7ME2
41	NITESH	4MT18ME078	7ME2
42	REVIN SONAL	4MT18ME098	7ME2
43	ALFAZ	4MT18ME014	7ME2
44	RUTHVIK A BANGERA	4MT18ME103	7ME2
45	HRISHIKESH RAJ	4MT18ME041	7ME2
46	MITHUN NAIK	4MT18ME058	7ME2
47	GIRISH	4MT18ME037	7ME2
48	ASHWIN	4MT18ME023	7ME2
49	DHANUSH SHETTY	4MT18ME034	7ME2
50	SUJITH	4MT18ME128	7ME2
51	SUHAS.S	4MT18ME127	7ME2
52	SIDHARTH SEKHAR	4MT18ME122	7ME2
53	SHAMANTH SHETTY	4MT17ME171	7ME2
54	SHAMIL G V	4MT18ME109	7ME2
55	RAZAAN KUKKADI	4MT18ME096	7ME2
56	SUPRITHA S	4MT19ME407	7ME2
57	MEGHA B H	4MT18ME056	7ME2
58	SUMITH.S	4MT18ME131	7ME2
59	ABHIRAMI SUBHAG	4MT18ME002	7ME2
60	SUSHANTH NAYAK	4MT18ME132	7ME2
61	SHASHANK SHRIDHAR KANNAJE	4MT18ME112	7ME2
62	MOHAMMED GOUSE	4MT19ME406	7ME2
63	SIDHARTH K.S	4MT18ME121	7ME2
64	SHREERAKSHA P	4MT18ME120	7ME2
65	ASFAN SAYED	4MT18ME108	7ME2
66	SNEHAL PRADEEP SHET	4MT18ME123	7ME2
67	ANURAG MV	4MT17ME025	7ME2
68	IRWIN D SOUZA	4MT18ME044	7ME2
69	RUHAIL MH	4MT18ME102	7ME2
70	VIKIT HEGDE	4MT18ME135	7ME2
71	NANDAN	4MT18ME074	7ME2
72	MOHAMMAD SAHAD	4MT19ME405	7ME2



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Date: 20.10.2021

Report of talk

1. **Title:** Project Management & Finance
2. **Resource person name & Address:** Mr. Sinan Ismail, Chief Technical Officer, Rebellion Motors Pvt Ltd, Bangalore
3. **Brief Profile of Resource person:** Mr. Sinan was working in Skoda Auto India Mangalore Division as a Sales and Logistics Lead and Region Incharge of Volks Wagen group Mangalore sector. Previously he worked with MRPL as site engineer under Petracon Piping Engineers Pvt Ltd
4. **Date organized:** 20.10.2021
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Project Selection
 - b) Project Team members
 - c) Identifying the projects with respect to market demand
 - d) Solution for the problems
 - e) Fund generation
 - f) Time frame
 - g) Idea pitching
 - h) Documentation
7. **Venue:** M102
8. **Target Audience:** Students of 7ME
9. **Attendance Sheet:** Attached
10. **Courses Related to the topic of presentation:** Project Management
11. **The outcome of the Talk:** Students were able to understand the steps to be followed and preliminary study to be taken before taking up projects and how to lead a team.
12. **Feedback:** Attached
13. **Program Coordinator:** Mr. Shivaramu H T, Sr. Assistant Professor, Mechanical Engineering
14. **Program Photos.**



Mr. Shivaramu H T, Introducing resource Person (20.10.2021)



Mr. Mohammed Sinan Ismail, delevering a session (20.10.2021)



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Date: 10.11.2021

Report of talk

1. **Title: Project Planning & Execution**
2. **Resource person name & Address:** Mr. Shetty Harshith Ramesh, Production Engineer, G R Enterprises, Mumbai
3. **Brief Profile of Resource person:** Mr. Harshith expert in Business Process Development, Vendor Management, Project Scheduling and Sales Analysis. Also, he is a skilled production engineer in the furniture manufacturing industry, with Excellent problem-solving, IT and analytical abilities with superb attention to detail.
4. **Date organized:** 10.11.2021
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Project Planning
 - b) Project Team Selection
 - c) Resources availability
 - d) Delegation of responsibility
 - e) Project Scheduling
 - f) Project Schedule
 - g) Motivating Subordinates
 - h) Professional Satisfaction
7. **Venue:** 103
8. **Target Audience:** Students of 5ME
9. **Attendance Sheet:** Attached
10. **Courses/CO/PO Mapped:** Management & Economics/CO1 & CO2/PO1, PO11 & PO12
11. **The outcome of the Talk:** Students were able to understand the importance of the planning stage, setting the goal, allocation of work, Resource management, Directing and controlling of staff and execution of the project on time.

12. Program Coordinator: Mr. Shivaramu H T, Sr. Assistant Professor, Mechanical Engineering

13. Program Photos.



Mr. Harshit, delivering a session



Mr. Harshit, interacting with students



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Date: 04.11.2021

Report of talk

1. **Title:** Societal and Environmental contexts of Anti Corrosion Protection surface treatment
2. **Resource person name & Address:** Mr. Naveen Bharadwaj, Technical Process Engineer, Electrofer Group, Portugal
3. **Brief Profile of Resource person:** He obtained BE in mechanical engineering from MITE, VTU and Master's degree in Product design Engineering from ESTG- Escola Superior de Tecnologia e Gestão IPL, Leiria. His expertise in metallic industry on constructing metallic structures. And in addition to that inspection of anticorrosion surface protection system as per the standard EN ISO 12944 was also my primary role. He was recognised by the company to improve the process of production and paint by using latest lean method techniques such as KAIZEN and I am also serving as 5S ambassador for overall process improvements for my commitment towards lean methodologies.
4. **Date organized:** 04.11.2021
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Surface Treatment
 - b) Corrosion Protection
 - c) Surface treatment Effects on Environment
7. **Venue:** M103
8. **Target Audience:** Students of 5ME
9. **Attendance Sheet:** Attached
10. **Courses Related & PO Mapped:** Materials Science/PO - 01 & PO - 07
11. **The outcome of the Talk:** Students were able to understand the importance of surface treatment, how material surface got affected by the environmental condition, kinds of coating and adverse effect of coating materials on environment.
12. **Feedback:** Attached
13. **Program Coordinator:** Dr. Mohan Kumar, Associate Professor
14. **Program Photos.**



HoD, Introducing resource Person (04.11.2021)



Mr. Naveen Bharadwaj, delivering a session (04.11.2021)



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Date: 17.11.2021

Report of talk

1. **Title: Opportunities and Challenges for Mechanical Engineers in Industry**
2. **Resource person name & Address:** Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore
3. **Brief Profile of Resource person:** Mrs. Veena then joined MRPL in the year 1994, during service also completed her post-graduate diploma in personal management from NIPM, Kolkata with two gold medals and presently holds the Deputy General Manager position. Mrs. Veena T Shetty also has a major interest in Tulu and Kannada Literature, folk Culture, social activity, and she is also a great supporter of Women's Empowerment.
4. **Date organized:** 17.11.2021
5. **Duration:** 45 Minutes
6. **Topics Covered:**
 - a) Importance of Mechanical Engineers in industry
 - b) Mechanical Engineers roles in refineries
 - c) Preparation for competitive exams
 - d) GATE
 - e) Job opportunities in Public sectors
 - f) How to prepare for interview
 - g) Opportunities and challenges in refineries
7. **Venue:** Audi 4 - PG Block
8. **Target Audience:** Dept. students
9. **Courses/CO/PO Mapped:** PO11 & PO12
10. **The outcome of the Talk:** Students were able to understand the opportunities in refineries, how to prepare for competitive exams and benefits of clearing GATE exams.
11. **Program Coordinator:** Mr. Shivaramu H T, Sr. Assistant Professor, Mechanical Engineering
12. **Program Photos.**



Mrs. Veena T Shetty delivering a session (17/11/2021)



Mrs. Veena T Shetty delivering a session (17/11/2021)



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Date: 24.11.2021

Report of talk

1. **Title:** Exposure of CAD, CAM, CAE in Product Development
2. **Resource person name & Address:** Mr. Santhoshkumar K R Manager Business Support, CADD center
3. **Brief Profile of Resource person:** Mr. Santhoshkumar K R is Expert in Mechanical Designs and Business operation and he has 9 Yrs of Industry Experience & Over 8000 hours of Technical teaching experience, He has Trained more than 300 batches(Both Working Professionals and Students)
He has ITA & SALES EXCELLENCE Certified from CCTS Pvt Ltd and he has Designated as Pilot speaker in half day seminars among 250+ institutions PAN INDIA. He completed Master Diploma from CCTS Pvt Ltd and B.E Mechanical Engineering from Kongu Engineering College
4. **Date organized:** 24.11.2021
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Job role of Mechanical Engineering in Industry
 - b) Explain about rapid prototyping (Additive Manufacturing)
 - c) Importance of Modeling software
 - d) How to make different models
 - e) How to make surface model.
 - f) How to make assembly.
 - g) Importance of Ansys
7. **Venue:** Audi 3
8. **Target Audience:** Students of 5ME, 7ME-1 & 7ME-2
9. **Attendance Sheet:** Attached
10. **Courses/CO/PO Mapped:** Management & Economics/CO1 & CO2/PO1, PO11 & PO12
11. **The outcome of the Talk:** Students were able to understand about the role of Mechanical Engineering in the Industry and also studied the various Element of the software

12. Program Coordinator: Mr. Vikranth Kannanth MS, Sr. Assistant Professor, Mechanical Engineering

13. Program Photos.



Mr. Santhoshkumar K R, delivering a session



Mr. Santhoshkumar K R, interacting with students

Department of Mechanical Engineering, MITE

Name of the Resource person: Mr. Santhoshkumar K R, Manager Business Support, CADD Centre

Topic covered: Exposure of CAD,CAM,CAE in product development

Course/CO/PO mapped: Computer Aided Design and Manufacturing & Operation Management /PO - 01 & PO - 07

Date : 24.11.2021

Duration: 11:10 AM to 12.00 Noon

Signature of the resource person: *K R Santhoshkumar*
(K R SANTHOSHKUMAR)



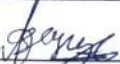
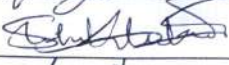
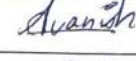

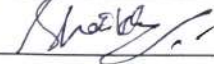







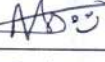
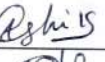

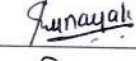











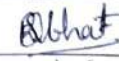
Section: 5ME, 7ME-1, 7ME2

Venue: Audi-III

Sl No	USN	Student Name	Signature
1.	HMT18ME056	Megha. B.H	<i>Megha</i>
2.	HMT19ME407	Eupratha.S	<i>Eupratha</i>
3.	HMT18ME002	Abhirami Subhag	<i>Abhirami</i>
4.	HMT18ME058	Mithun Nair	<i>Mithun Nair</i>
5.	HMT18ME110	Shashank .K	<i>Shashank</i>
6.	HMT18ME114	Sheik Mohammad Asif	<i>Sheik</i>
7.	HMT18ME010	AKASH SHETTY	<i>Akash Shetty</i>
8.	HMT18ME046	JOSWYN RAJAT MENEZES	<i>Joswyn</i>
9.	HMT18ME101	Rajston Corda	<i>Rajston</i>
10.	HMT18ME040	Hathul Remail	<i>Hathul</i>
11.	HMT18ME119	Shobith	<i>Shobith</i>
12.	HMT18NE034	Rohanush Shetty	<i>Rohanush</i>
13.	HMT18ME078	Nithin	<i>Nithin</i>
14.	HMT20ME402	Deorshan .S. Shetty	<i>Deorshan</i>
15.	HMT18ME126	Sudhanshu	<i>Sudhanshu</i>
16.	HMT18ME109	Shamil . G.U.	<i>Shamil</i>
17.	HMT18ME080	Nithin Noronha	<i>Nithin</i>
18.	HMT18ME098	Ravin Senal	<i>Ravin</i>
19.	HMT18ME038	Poudam	<i>Poudam</i>
20.	HMT18ME118	Rakshith	<i>Rakshith</i>

21.	4MT18ME089	Harshith	Hr
22.	4MT18ME033	Deekshith	Deekshith
23.	4MT18ME062	Mohammed Furgan	M. Furgan
24.	4MT18ME037	Grish	Grish
25.	4MT18ME044	Travin D' Souza	Travin
26.	4MT18ME085	Prajwal Wagnmule	Prajwal
27.	4MT18ME072	Munishanag. Malagf	Munishanag
28.	4MT18ME134	Vikas. K. H	Vikas K H
29.	4MT18ME047	Karthik prabhu	Karthik
30.	4MT18ME066	Mohammed, Salman Fakki	Salman
31.	4MT18ME079	Nirayan Kameeth	Nirayan
32.	4MT19ME018	Mohomed Shuraih	M. Shuraih
33.	4MT19ME004	Deendarsh.	Deendarsh
34.	4MT19ME00	Abdul Raheem O.T	Abdul
35.	4MT19ME020	Nithesh	Nithesh
36.	4MT19ME029	Rithvik Lobo	Rithvik
37.	4MT19ME012	Malatesh. L.L.	Malatesh
38.	4MT19ME030	Sayeed Anwar. P.M.	Sayeed
39.	4MT19ME007	Hazim Ismail. K	Hazim
40.	4MT18ME137	VISHNURAJ. A	Vishnuraj
41.	4MT18ME057	MIDHAJ KP	Midhaj
42.	4MT18ME015	AMAL PK	Amal
43.	4MT19ME031	Shohan	Shohan
44.	4MT18ME100	Rithvik S. Shetty	Rithvik
45.	4MT18ME127	Sahas-S	Sahas
46.	4MT19ME036	Sujan L	Sujan
47.	4MT18ME131	Sumith S	Sumith
48.	4MT18ME074	Nandan	Nandan
49.	4MT19ME006	HASHIR SYED ADILBAFAKYH	Hashir
50.	4MT18ME079	Nithesh Kumar	Nithesh

51.	LMT18ME096	RAZAN KURKADI	Razan
52.	AMT18ME135	Vikrit Hegde	Vikrit
53.	AMT18ME104	S. Mohith	S. Mohith
54.	LMT18ME017	AMARU. HEGDE	Amaru
55.	LMT19ME038	Uaibhav Neik	Uaibhav
56.	LMT19ME040	Vignesh	Vignesh
57.	AMT19ME033	Pourab dhoty	Pourab
58.	LMT19ME032	Siddesh-B.N	Siddesh
59.	LMT20ME401	Chiranth Jain	Chiranth
60.	LMT19ME002	Akash	Akash
61.	LMT19ME019	Nishan	Nishan
62.	HMT19ME017	Mohan Choudra. N. Madya	Mohan
63.	LMT19ME005	Harshith	Harshith
64.	LMT20ME407	SWAROOP. S. B HANDARY	Swaroop
65.	LMT19ME023	Praveen Suryakanth	Praveen
66.	LMT19ME035	Stephan Serrao	Stephan
67.	LMT17ME100	Prakhyath J	Prakhyath
68.	HMT19ME025	Rajaramach. N. Acharya	Rajaramach
69.	LMT20ME404	Marvin Lance	Marvin
70.	LMT18ME081	Omar Zidan	Omar Zidan
71.	LMT18ME067	Mohamed Younis	Mohamed
72.	LMT18ME054	Mahe Harin	Mahe
73.	LMT18ME014	Alfar	Alfar
74.	LMT18ME035	Fawaz MH	Fawaz
75.	LMT18ME102	Ruhail MH	Ruhail
76.	AMT18ME006	Adwaith Menon	Adwaith
77.	LMT18ME124	Sreevag-v	Sreevag
78.	LMT17ME103	Praveen Nair p	Praveen
79.	LMT17ME106	Rafhan. KK	Rafhan
80.	LMT17ME145	Souvan Dinesh	Souvan

81.	4MT18ME011	Akshay	
82.	4MT18ME061	Mohammed Fazil Ali	
83.	4MT18ME108	Sayed Mohammed Asfan	
84.	4MT18ME106	Scibar Ashfegue	
85.	4MT17ME027	Avarish Kumar	
86.	4MT18ME071	Muhammed Saad	
87.	4MT17ME129	Shaka Mohammed Daayal	
88.	4MT18ME089	Pruthvi	
89.	4MT18ME130	Sumanth S. Devadiga	
90.	4MT18ME128	Sujith	
91.	4MT18ME103	Ruthvik A. Bangera	
92.	4MT19ME401	Ather hussain ismail upperkoor	
93.	4MT18ME019	Anish V.	
94.	4MT18ME084	Prahallad Chorata	
95.	4MT18ME115	shetty Adarsh	
96.	4MT18ME024	Ashwin K	
97.	4MT18ME031	D.P. Anbh	
98.	4MT18ME132	Sushanth nayak	
99.	4MT18ME087	Brahaant Zachyan	
100.	4MT18ME111	Shashak Raju	
101.	4MT19ME008	K. SRIJAN. RAT	
102.	4MT17ME096	Radhvik POONJA	
103.	4MT18ME076	Navamath M. Gowda	
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106.	4MT18ME120	shreeraksha P	
107.	4MT19ME037	Sushanth.	
108.	4MT20ME405	Nagendra Mahale	
109.	4MT19ME026	Rajath S. Madival	
110.	4MT19ME028	Ramachandra S. Bhat	

111	4MT18ME001	Asdul Sami	Asame
112	4MT19ME010	Ashish Kothari	Ash
113	4MT18ME030	Lynel Vikas	Cyrid
114	4MT18ME049	Rishabh Kumar	Rish
115	4MT20ME403	Karthik Mendon	Karthi
116	4MT18ME023	ABHWIN	Abh
117	4MT18ME009	Akash Shankar Poojari	Akash
118	4MT18ME038	Harsha Maravathe	Harsha
119	4MT19ME024	RAE ID	Rae
120	4MT18ME052	LOYAL	Sourav
121	4MT12ME126	Sarav	Sarav
122	4MT19ME021	Numaan	Numaan
123	4MT19ME039	Varun Gunekar	VGS
124	4MT20ME408	Wayne Barbosa	Wayne
125	4MT20ME400	Anish Pinto	Anish
126	4MT18ME082	Pavan Kumar S	Pavan
127	4MT19ME041	Mohammed Shamsheer	Mohammed
128	4MT19ME005	Mohamed Khalid	Khalid
129	4MT19ME043	Mohammed Shamid	Mohammed
130	4MT19ME011	Lucky SOMANATH	Lucky
131	4MT18ME063	Mohammed Khaleel	Mohammed
132	4MT19ME403	Devaraj B	Devaraj
133	4MT18ME125	Srinidhi n	Srinidhi
134	4MT18ME004	Abhishek patil	Abhishek
135	4MT18ME122	Siddharth Sekhar	Siddharth
136	4MT18ME055	Sanjay Rajeev	Sanjay
137	4MT18ME041	Hreshikesh Ray	Hreshikesh
138	4MT18ME045	Tieheh	Tieheh
139	4MT18ME025	Bhaskara Gowda	Bhaskara
140	4MT19ME042	Manish Swarna	Manish

141	YMT19ME014	Merwyn Pinto	<u>Merwyn</u>
142	Faculty	Dr. Neelakumbha V.L	<u>Neel</u>
143	Faculty	Mr. Santhosh Acharya	<u>Santhosh</u>
144	Faculty	Manatha K.M	Manatha K.M
145	Faculty	Dr. Sashikant	<u>Sashikant</u>
146	Faculty	Mr. Vivanth Kannan	<u>Vivanth</u>
147	Faculty	Dr. Mohan Kumar	<u>Mohan</u>
148	Faculty	Sudhroop	<u>Sudhroop</u>
149	Faculty	Arun K.P.	<u>Arun</u>
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Department of Mechanical Engineering & Mechatronics

(Accredited by NBA)
is organizing a session on

“Engineering Solutions for Rural Development”



Mrs. Manorama Bhat G.V

Consultant
PRESS ALTERNATIVE,
TOKYO, JAPAN

Date: 14th December . 2021

Time: 12:00 PM

Venue: Auditorium 4





MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

Accredited by NAAC with A+ Grade, An ISO 9001:2015 Certified Institution

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Affiliated to V.T.U., Belgaum, Approved by AICTE, New Delhi

Department of Mechanical Engineering

(Accredited by NBA)

Date: 14.12.2021

Report of talk

1. **Title: “Engineering Solutions for Rural Development”**
2. **Resource person name & Address:** Mrs. **Manorama Bhat G.V**, Consultant, PRESS
ALTERNATIVE, TOKYO, JAPAN
3. **Brief Profile of Resource person:**

Mrs. Manorama Bhat G.V, presently a consultant for Press Alternative, an organization of Tokyo, Japan. She has a vast experience in Rural development projects, she has worked as Director-HRD, at Shri Kshetra Dharmasthala Rural Development Project (SKDRDP), Director-Jnanavikasa Women Empowerment programme at SKDRDP from 2011 to 2013, Director-Siri Gramodyog at SIRI from 2013 to 2020 an organization with large number of women empowerment,. Principal In-charge for SKDRDP SIDBI School of Micro Finance e-training from 2007 to 2010, Chairperson for students grievance committee at college of Leadership and Human Resource Development Mangalore from 2005 to 2010. She is also a resource person for organizations like NHBC, NABARD, College for Agriculture Banking-RBI, ANSIRD-Mysore, Department of women and Child welfare, Rural Development and Self Employment Training Institute (RUDSETI). worked as an independent practitioner and advocated for legal rights and women, spreading legal awareness among common people for about 10 years from 1995 to 2004. She also worked for □ □ □ □ □ Counselling center for rural poor women from 2004 to 2013,

4. **Date organized:** 14.12.2021
5. **Duration:** 45 Minutes
6. **Topics Covered:**
 - a) Role of Mechanical Engineers in Rural sector in India
 - b) Mechanical Engineers roles in Rural Industries.
 - c) Opportunities for Mechanical Engineers in Rural development
 - d) Start up opportunities in agricultural and rural industry domain
7. **Venue:** Audi 4 - PG Block
8. **Target Audience:** Final year students of Mechanical Engineering
9. **Courses/CO/PO Mapped:** Total Quality Management (18ME734) /CO1,CO3/ PO6& PO7

10. The outcome of the Talk: Students were able to understand the opportunities in rural industries, start up opportunities in rural sector in the present scenario.

11. Program Coordinator:

Dr.Neelakantha V.Londe, Professor, Dept. of Mechanical Engineering

12. Program Photos.



Mrs. Manorama Bhat G.V delivering a session (14/12/2021)

Brief summary of Talk: Almost 70% of India's population lives in rural India. The villagers mainly engage in agriculture for their subsistence and livelihood. These populations often have limited resources such as electricity, water, income for capital investment- and thus require appropriately designed solutions to technological problems.

The author emphasised on innovations that can ease the working under such conditions, especially for the marginal farmer. As an example, with the help of a video image the resource person displayed an activity relating to the separation of individual areca nut kernels from the bunch. A rapidly rotating wheel of an inclined vehicle was shown to serve this purpose. On similar lines of thinking the expert urged the 7th semester students to come up with a low-cost innovative solution to address this issue.

Many of the farm products need equipment that can dry/roast agricultural products. However, affordability and availability of constant electric supply have created barriers to use of such equipment. These issues can be overcome with the help of solar powered devices. Further, rural India

is blessed with adequate area that is exposed to sunlight for majority of the daytime. A solar drier with affordable design that can be optimised for further improvement to achieve higher efficiency was displayed. Effective utilization of water for irrigation is another prime requirement in villages. Large amount of water resources are available but not utilized suitably with application of technology. This is another potential area to involve for engineers. Finally she has concluded her talk with various opportunities for engineers in rural sector for startups as well employability which will play an vital role in nation building also.

Department of Mechanical Engineering, MITE-Moodbidri

Name of the Resource person: Mrs. Manorama Bhat,
Consultant, "Press Alternative" Tokyo Japan.

Topic covered: **Engineering Solutions for Rural Development**



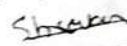

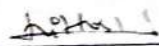
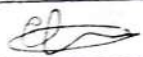
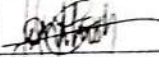

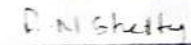
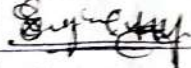




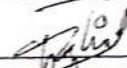
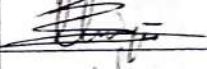
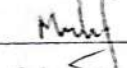
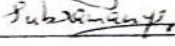
Course/CO/PO mapped: Total Quality Management (18ME734) CO1,CO3/ PO6 & PO7

Date : 14.12.2021




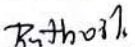
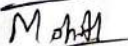

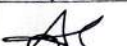



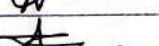
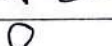

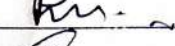
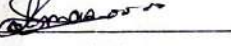
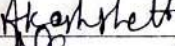

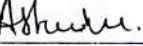




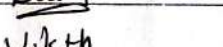
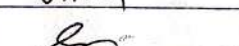
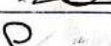


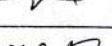
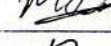
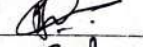
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Signature of the
Resource Person:

Mechtronics

SI No	Section: 7ME1&7ME2 USN	Student Name	Venue: Audi 2 Signature
1	4MT18ME074	Niranjana Kumath	
2	4MT18ME127	Suhus	
3	4MT19MT019	Hegde Sheavan Ganesh	
4	4MT19MT058	Yashraj D	
5	4MT19MT020	Hithesh Nair	
6	4MT19MT014	Chethan D. Shettigar	
7	4MT19MT043	Chanthesh Hegde	
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9	4MT19MT004	Abhikesh N Shetty	
10	4MT19MT051	Srujan J Shetty	
11	4MT19MT005	Abhishhek Bhat	
12	4MT19MT030	M. Khalif Aman	
13	4MT19MT055	UMAR FAROOQ	
14	4MT19MT038	NUAIM ABDUR RAHMAN	
15	4MT19MT028	M. Rahud	
16	4MT19MT003	Shageen ^{Manjary} Manjary	
17	4MT19MT032	Muhaj Nair	
18	4MT19MT052	Subramanya Nayak	

Mechanical



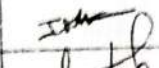
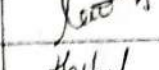
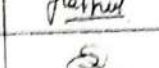



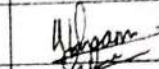


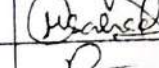
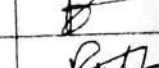
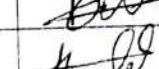
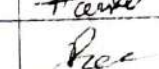
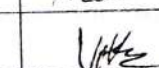
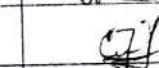
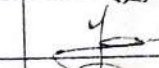
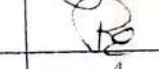



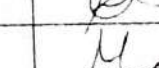
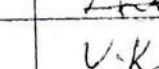
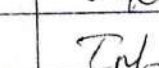
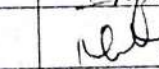
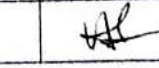



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22	4MT18ME103	Ruthvik. A. Bongera	
23	4MT18ME104	Mohith	
24	4MT18ME077	Niranjana kamath	
25	4MT18ME124	Subas	
26	4MT18ME008	Akash. S. Delavibhavi	
27	4MT18ME073	Namorth. R.H.	
28	4MT18ME138	Vivek	
29	4MT18ME003	Abhishek	
30	4MT18ME111	Shashank Poojari	
31	4MT18ME082	Pavan Kumar	
32	4MT18ME066	Mohammed Salman Fakki	
33	4MT18ME010	AKASH SHETTY	
34	4MT18ME401	ATHER HUSSAIN	
35	4MT18ME023	ASHWIN	
36	4MT18ME110	SHASHANK K	
37	4MT18ME058	MITHUN NAIK	
38	4MT18ME078	NITESH	
39	4MT18ME034	DHANUSH SHETTY	
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41	4MT18ME128	Sujith	
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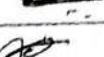

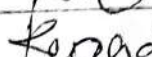
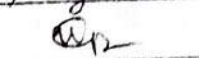



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53	4MT17ME027	AVANISH M. KUMAR	Avanish
54	4MT17HT057	Pawan. R. Shetty	Shetty
55	4MT18ME046	JOSWYN RAJAT MENFIZES	Joswyn
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59	4MT18ME101	Royston	Royston
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62	4MT18ME120	Shravan K. R.	Shravan
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65	4MT18ME131	Sunith	Sunith
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68	4MT18ME004	Mahmud	Mahmud
69	021	Ajaya G	Ajaya G
70	122	Sidhaath Shekhar	Sidhaath Shekhar
71	121	Sidhaath K. S.	Sidhaath K. S.
72	106	Saiban	Saiban
73	108	Asfer	Asfer
74		Girish	Girish
75	105	Sagar	Sagar
76	006	Adwaita	Adwaita
77	093	Rakshit	Rakshit
78	112	Shashank SK	Shashank SK

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20	4MT19MT017	Dnyuva Jadhav	Dnyuva Jadhav
21	4MT19MT031	Mohammed Saad	Sa
22	4MT19MT035	Namunna Naig	Namunna Naig
23	4MT19MT054	Tushar U	Tushar U
24	4MT19MT024	Ledson Lewis	Ledson Lewis
25	4MT19MT009	ANIS KP	ANIS KP
26	4MT19MT024	Rohit K	Rohit K
27	4MT19MT02	ABDUL AZIM	ABDUL AZIM
28	4MT19MT044	SM Suleet	SM Suleet
29	4MT19MT023	K Prapth P Din	K Prapth P Din
30	4MT19MT003	Abdul Rahman Atal	Abdul Rahman Atal
31	4MT18MT041	Vijesh N K	Vijesh N K
32	4MT18MT036	Shiraprasad KM	Shiraprasad KM
33	4MT18MT400	Abu Suhail	Abu Suhail
34	4MT18MT035	Shiva Shankar. D.S	Shiva Shankar. D.S
35	4MT18MT039	Thanmay M	Thanmay M
36	4MT18MT003	Anagha N G	Anagha N G
37	4MT20MT405	Vishal BC	Vishal BC
38	4MT19MT405	Sandesh puranik	Sandesh puranik
39	4MT19MT407	Yashas JH	Yashas JH
40	4MT19MT406	Shivraja LN	Shivraja LN
41	4MT19MT401	Anup Gouraj	Anup Gouraj
42	4MT19MT015	Davin D' Souza	Davin D' Souza
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50	4MT18ME130	Sumanth. S Devadiga	
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56	4MT18ME003	Ab. Shree. Shetty	
57	4MT19ME407	Supritho. S	
58	4MT18ME002	Abhrami Pathag	
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78	4MT18ME014	Alfuz	

79	HMT18ME031	DP Anish	
80	HMT18ME060	Mohd Rajat	
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83	17ME129	DANYAL	
84	17ME053	KAIF YUSUF	
85	18ME071	Muhammed Saad	
86	HMT19MT012	Churan Shetty	
87	HMT19MT049	Nishant Shetty	
88	HMT19MT026	Kethan Prabhu	
89	HMT18ME085	Prajuwal	
90	HMT18ME072	Munghanaaj	
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Feedback on "Engineering Solutions for Rural Development "

84 responses

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84 responses

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prajwalssalian84@gmail.com



Name

84 responses

RUTHVIK A BANGERA

SUJITH

Revin Sonal

Kaushik M Hegde

Akshay A

Abhishek A Shetty

Anish V

Prajwal S Salian

Raihan K K



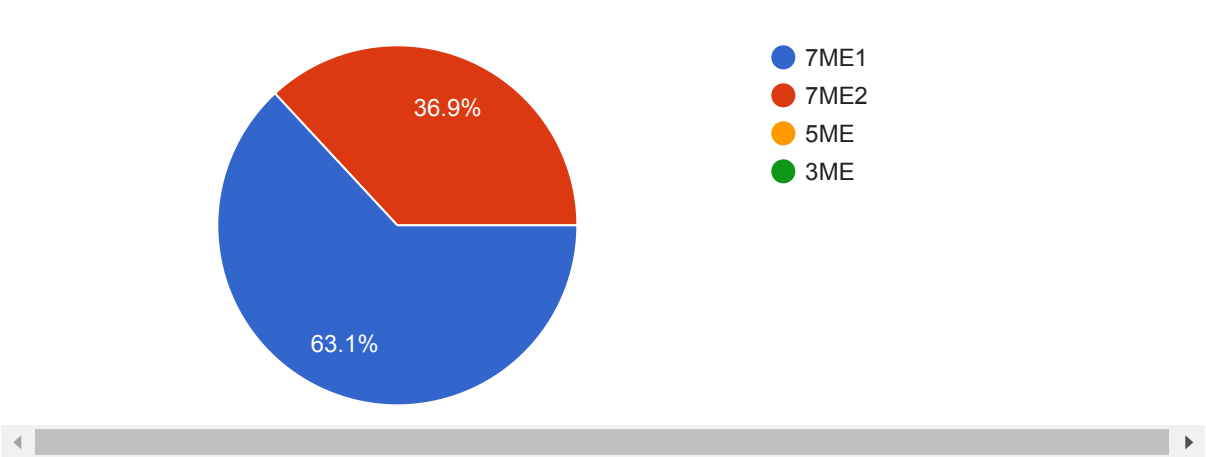
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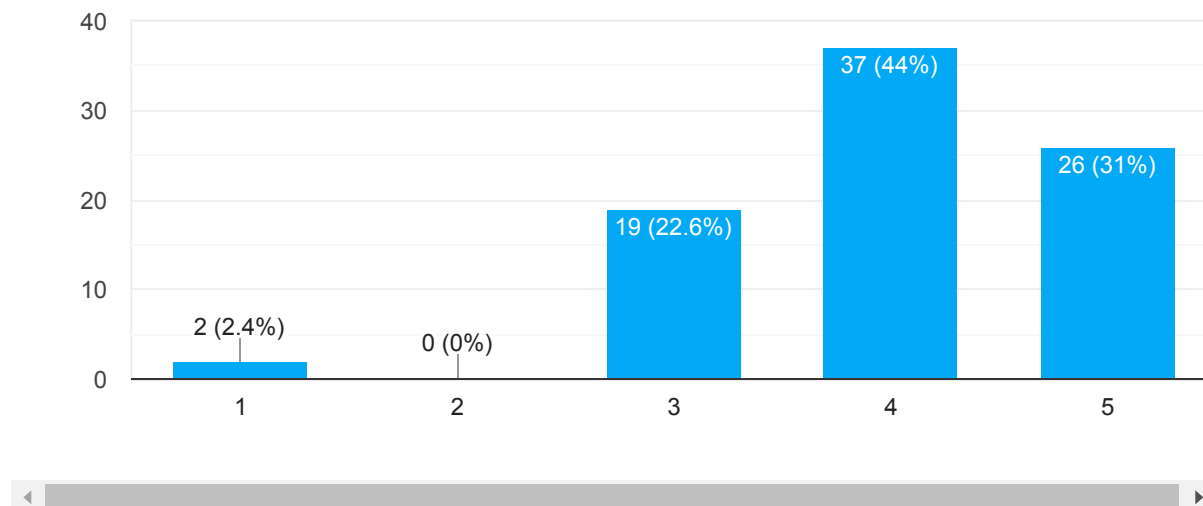
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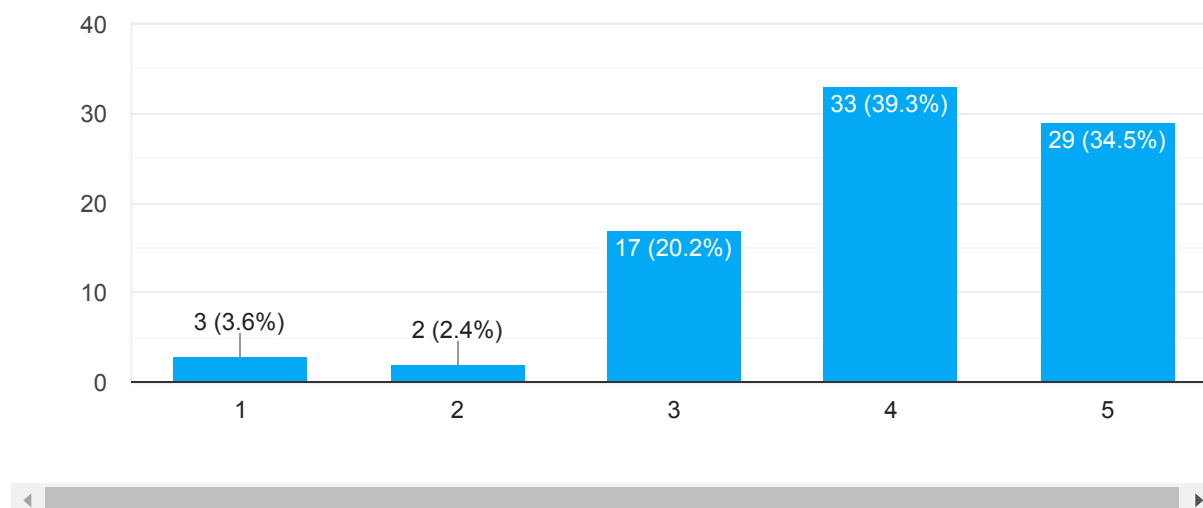
How satisfied are you with the content delivered in the webinar?

84 responses



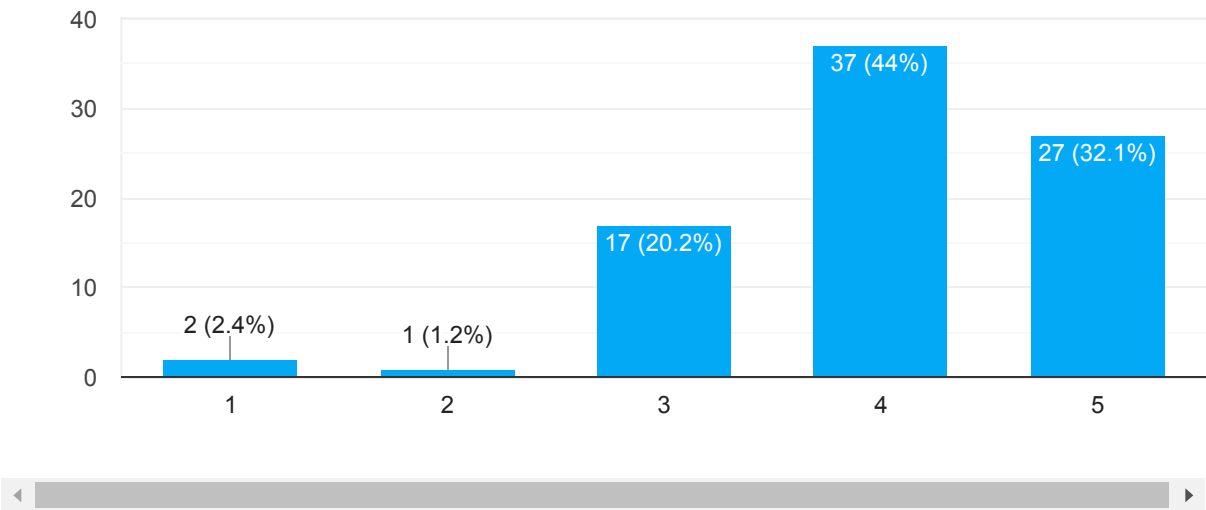
How much relevant and helpful for your TQM subject?

84 responses



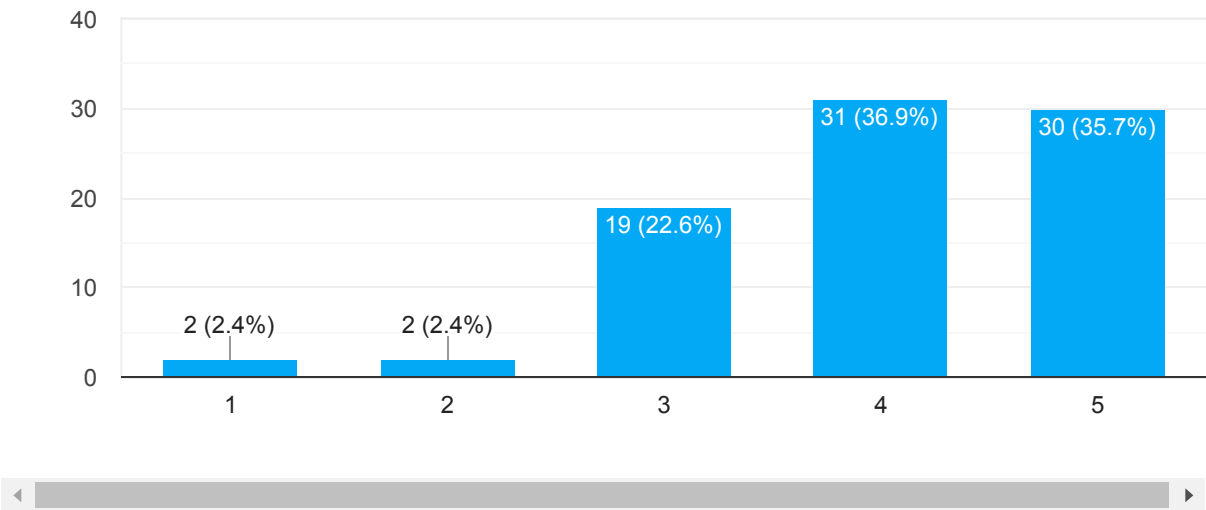
How many significant key takeaways were there in the event?

84 responses



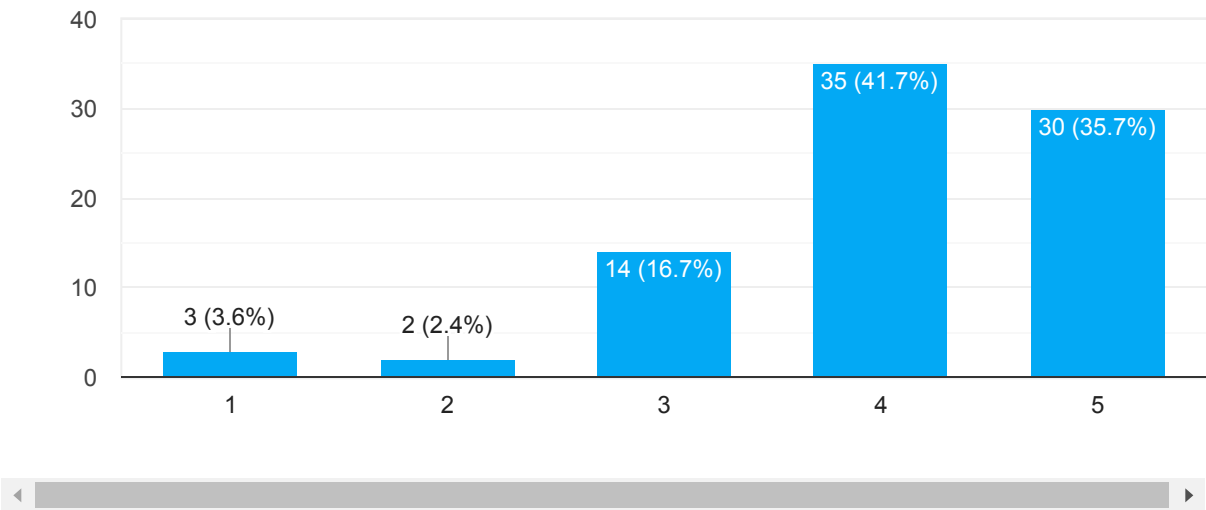
How do you feel about that, the Resource Person Knowledgeable to explain industrial applications

84 responses



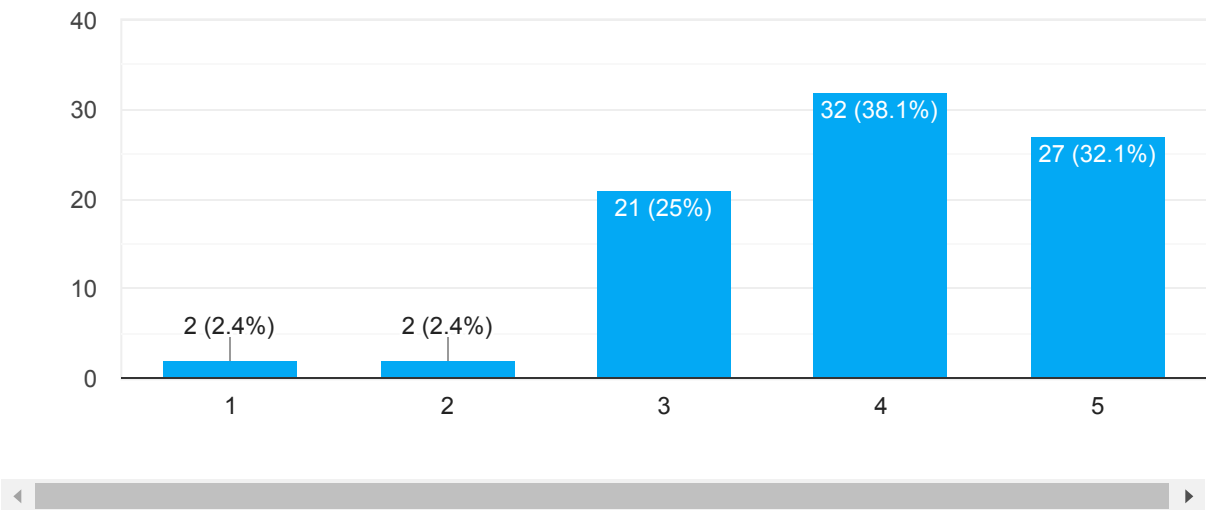
I gained new knowledge on Engineering applicationsin Rural Development.

84 responses

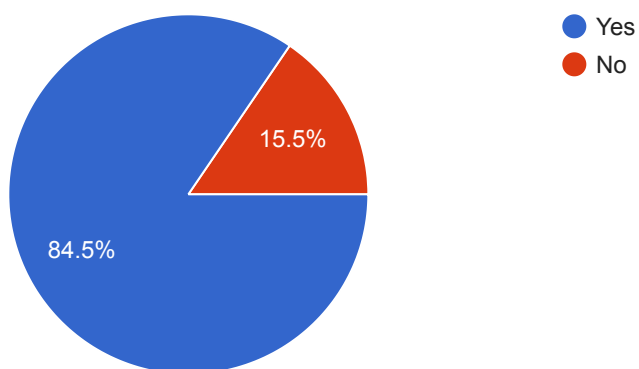


Rate your satisfaction with the webinar?

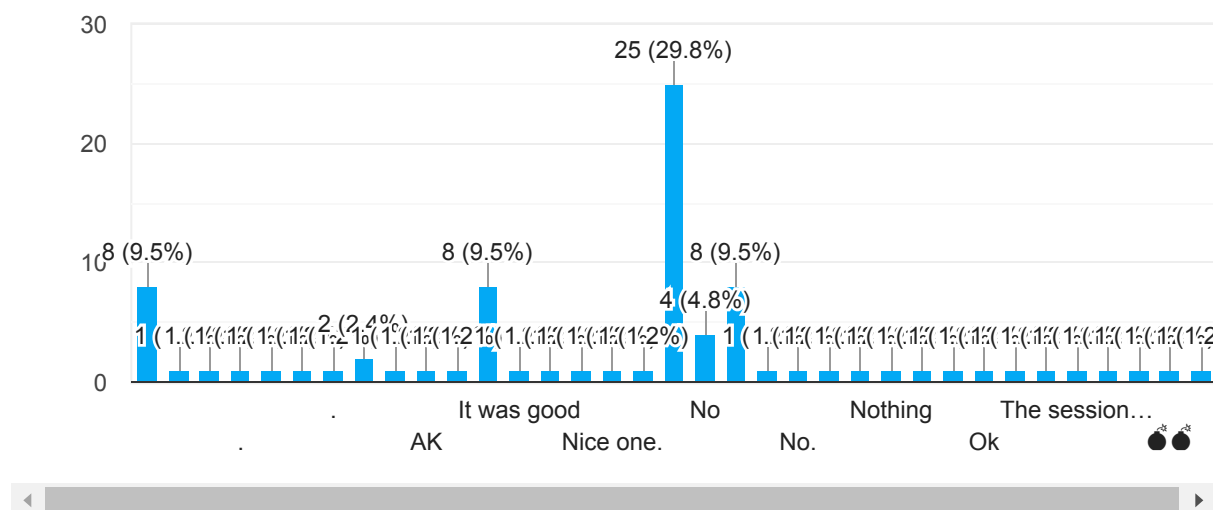
84 responses



84 responses



84 responses



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Department of Mechanical Engineering

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Date: 11.01.2022

Report of talk

1. **Title:** Application of AI for the Concepts of Mechanical Engineering
2. **Resource person name & Address:** Prof. Raghavendra Rao, Business School IBS Group, , No:231, Kengeri, Bangalore – 560060
3. **Brief Profile of Resource person:** Professor of Operations/Supply chain/Lean methods with 20+ years of Industrial experience in Design and Manufacturing verticals in Aerospace/Defence domain. His key achievements are Best Manager, Consistent performer and Best project awards for projects at Tech Mahindra, Best Manager award at Infosys, Represented HAL, ARDC Fuselage group at many technical seminars at IISc, ADA etc..
4. **Date organized:** 11.01.2022
5. **Duration:** One hour
6. **Topics Covered:**
 - a) Introduction to AI & ML and their types
 - b) Industry Revolution
 - c) Digital Design Thinking
 - d) Necessity of AI & ML
 - e) Importance and applications of AI & ML
 - f) Implementation of AI & ML in Automobile, Space & Robotics sector
7. **Venue:** Zoom Meeting
<https://zoom.us/j/93223581804?pwd=U2RHTHTYjNkdHBnaVdlS2JGek13dz09>
8. **Target Audience:** Students & Faculty members of Mechanical Engineering
9. **Attendance Sheet:** Attached
10. **Courses/CO/PO Mapped:** PO5 & PO12
11. **The outcome of the Talk:** Participants were able to understand the importance of the AI & ML, how industry revolution is happening with the Automation and advantages of implementation of AI & ML in the various segments.

12. Program Coordinator: Mr. Shivaramu H T, Sr. Assistant Professor, Mechanical Engineering

13. Program Photos.



Mr. Ragavendra Rao, delivering a session (11/01/2022)



Mr. Ragavendra Rao, discussing industry revolution (11/01/2022)



Mr. Ragavendra Rao, Interacting with participants (11/01/2022)



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In Association with



Organizing a Webinar on

**"Application of AI for the Concepts of
Mechanical Engineering"**



Prof. Ragavendra Rao

IBS Group
Bangalore

* E-Certificate will be issued to all Participants *

Date: 11th Jan. 2022
Time: 11:00 AM



Participants list with feedback

Sl. No.	Name	How useful was the webinar?	How was the resource person?	Topic Content	Overall, how was the program conducted ?
1	Akash S Adavibhavi	5	Excellent	Very Good	Excellent
2	Merwyn Pinto	4	Excellent	Excellent	Good
3	Ashwin.k	5	Very Good	Very Good	Very Good
4	Manish suvarna	4	Good	Good	Good
5	Ranjith k	5	Excellent	Excellent	Excellent
6	harshith	5	Excellent	Excellent	Very Good
7	Stephan clinton serraio	5	Very Good	Very Good	Very Good
8	Nishan	4	Good	Good	Average
9	Mohammed Salman Fakki	4	Good	Good	Average
10	Shamanth Shetty	5	Very Good	Very Good	Excellent
11	Mithun Naik	4	Good	Good	Good
12	Prajwal G Nagmule	5	Excellent	Excellent	Excellent
13	Varun Gunakar	5	Excellent	Very Good	Very Good
14	Abhishek A Shetty	5	Very Good	Very Good	Excellent
15	Sumanth S Devadiga	4	Very Good	Good	Good
16	Karthik Prabhu	4	Very Good	Very Good	Very Good
17	Shohan	5	Excellent	Excellent	Excellent
18	Navaneeth M Gowda	5	Very Good	Very Good	Very Good
19	Mr. Santhosh Acharya	4	Good	Good	Good
20	Nagendra Anant Mahale	4	Very Good	Very Good	Very Good
21	Mahammed Javid	4	Good	Good	Good
22	Chinthan Shetty	4	Excellent	Excellent	Excellent
23	Rakesh R Kotian	4	Very Good	Very Good	Very Good
24	RAJPRASAD N ACHARYA	4	Very Good	Very Good	Good
25	Anish V	5	Excellent	Very Good	Excellent
26	Adweaith Menon	5	Very Good	Very Good	Very Good
27	Ramachandra. S.Bhat	5	Excellent	Excellent	Excellent
28	Mr. SHIVARAMU H T	4	Very Good	Very Good	Excellent
29	Nithesh	5	Excellent	Excellent	Excellent
30	Sayeed anwar	5	Very Good	Very Good	Very Good
31	Alfaz	5	Very Good	Good	Excellent
32	Niranjan Kamath	4	Very Good	Very Good	Good
33	Dhanush Shetty	4	Excellent	Very Good	Very Good
34	Nithesha Kumar	5	Excellent	Excellent	Excellent
35	Muhammad Suhail	5	Excellent	Excellent	Excellent
36	AKASH SHETTY	5	Excellent	Very Good	Very Good
37	GIRISH	5	Excellent	Excellent	Excellent
38	Rakesh G M	4	Very Good	Excellent	Good
39	Vikit Hegde	4	Very Good	Very Good	Excellent

40	Sayed Mohammed Asfan	4	Very Good	Very Good	Very Good
41	Mohamed khalid	5	Excellent	Excellent	Excellent
42	Harsha A Devadiga	5	Good	Good	Good
43	Midhlaj	4	Very Good	Good	Excellent
44	Shetty Adarsh Seetaram	4	Very Good	Good	Very Good
45	Akshay A	5	Excellent	Excellent	Excellent
46	Mohan Chandra n moolya	5	Very Good	Very Good	Very Good
47	Mamatha K M	4	Good	Very Good	Very Good
48	Irwin Felix D Souza	5	Excellent	Excellent	Excellent
49	Shashank S K	4	Good	Good	Good
50	Rithvik S Shetty	4	Very Good	Very Good	Very Good
51	Aveen K P	5	Very Good	Excellent	Excellent
52	Sumith.s	4	Very Good	Good	Good
53	MOHOMED SHURAIH	4	Excellent	Excellent	Very Good
54	Mohammed Gouse Inthiyaz	5	Very Good	Very Good	Very Good
55	SUDHANSHU	5	Very Good	Excellent	Excellent
56	Madhusudhan B	5	Excellent	Excellent	Excellent
57	Dr. Mohan Kumar	5	Excellent	Very Good	Excellent
58	Kaif yusuf	5	Excellent	Excellent	Excellent
59	Cyril vikas	5	Excellent	Excellent	Excellent
60	Mohammed khaleel	5	Very Good	Very Good	Excellent
61	Mohammed Munawar	3	Good	Very Good	Excellent
62	Sridhar D R	5	Excellent	Excellent	Excellent
63	Supritha S	4	Excellent	Excellent	Very Good
64	AtherHussain Ismail Upparkar	5	Very Good	Very Good	Excellent
65	Kaushik M Hegde	3	Very Good	Good	Very Good
66	Nithesh	5	Very Good	Very Good	Very Good
67	Vinith Shetty	4	Good	Average	Good
68	Swaroop S Bhandary	5	Excellent	Excellent	Excellent
69	MEGHA B H	5	Very Good	Very Good	Very Good
70	Deekshith	5	Excellent	Excellent	Excellent
71	Suhas.S	5	Excellent	Excellent	Very Good
72	Adithya Shetty	5	Excellent	Very Good	Very Good
73	Lingaraj A	5	Excellent	Very Good	Excellent
74	Abhirami Subhag	4	Very Good	Excellent	Excellent
75	PRAVEEN SURYAKANTH NAIK	4	Good	Good	Good
76	Shashank K	3	Good	Good	Good
77	Chirayu.Rai	5	Very Good	Excellent	Excellent
78	Prajwal S Salian	4	Good	Good	Good
79	Hazim Ismail K	5	Very Good	Excellent	Very Good
80	Bhaskara Gowda	5	Excellent	Excellent	Excellent
81	SUJITH	4	Good	Good	Good
82	Rithic Lobo	5	Excellent	Excellent	Excellent

83	Shreeraksha P	4	Good	Average	Very Good
84	Nikhil	4	Good	Good	Good
85	Devdarsh	5	Good	Excellent	Good
86	Raihan K K	4	Very Good	Very Good	Very Good
87	Yajnesha P Shettigar	5	Excellent	Excellent	Excellent
88	Rajath S Madival	3	Average	Average	Average
89	Rachan R Shetty	5	Excellent	Excellent	Excellent
90	Application of AI for the concepts of mechanical engineering	5	Very Good	Very Good	Very Good
91	Rakshith N	5	Very Good	Excellent	Excellent
92	RUTHVIK A BANGERA	5	Excellent	Very Good	Very Good
93	Murugharajendra Malagi	5	Excellent	Very Good	Very Good
94	PRAKHYATH J	1	Poor	Poor	Poor
95	Anugrah Valsaraj	3	Good	Good	Good
96	Royston Corda	4	Good	Good	Very Good
97	Siddesh BN	4	Excellent	Very Good	Very Good
98	Stephan clinton serraio	5	Excellent	Excellent	Excellent
99	Saiban Ashfaque Khoka	4	Good	Very Good	Average
100	Revin Sonal	5	Excellent	Excellent	Excellent
101	Anirudh V Puranik K	5	Excellent	Excellent	Excellent
102	JOSWYN RAJAT MENEZES	5	Excellent	Very Good	Excellent
103	Amin Manojkumar Sadashiva	4	Very Good	Very Good	Very Good
104	Shazeb Shafi	5	Excellent	Excellent	Excellent
105	Amir	4	Good	Good	Good
106	Dr. Vignesh Nayak Ullal	3	Good	Good	Good
107	Anurag MV	5	Excellent	Excellent	Excellent
108	KISHAN KOTIAN	4	Good	Very Good	Very Good
109	Krishna N	4	Very Good	Very Good	Very Good
110	Ranjan Shetty	5	Excellent	Excellent	Excellent
111	Mohammed Azar	5	Excellent	Very Good	Very Good
112	Sarang	5	Very Good	Very Good	Very Good
113	Sourav dinesh	4	Very Good	Very Good	Very Good

Department of Mechanical Engineering (Accredited by NBA)



Date: 23.04.2022

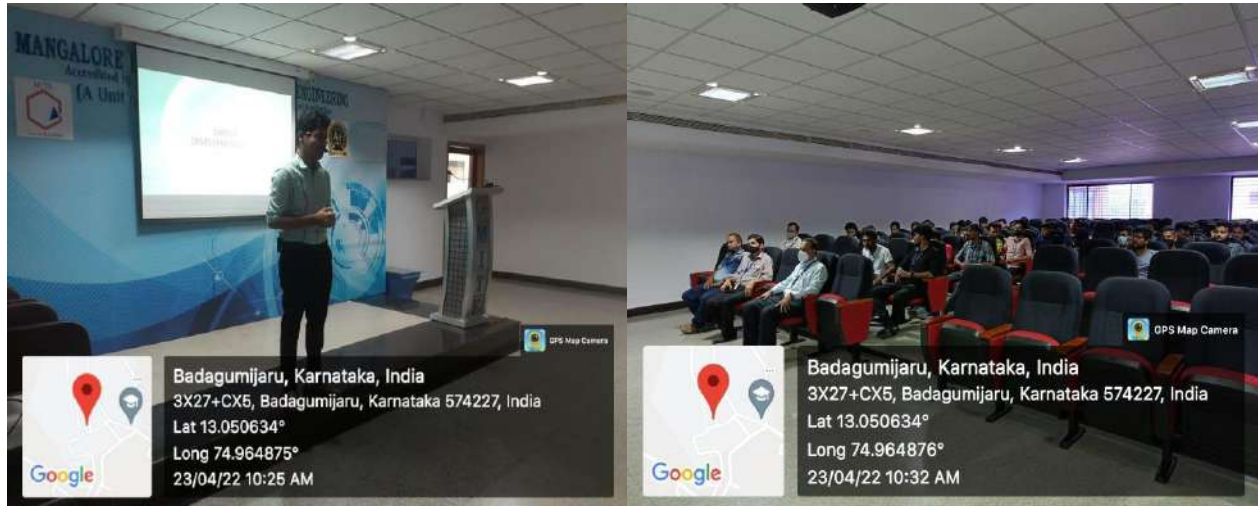
Report on Technical Talk

1. **Title:** “Career Advancement Skills”
2. **Resource person name & Address:** Mr. Karthik M Naik, Dassault System, Design Engineer, Pune
3. **Brief Profile of Resource person:** Mr. Karthik M Naik He has completed his Undergraduate in Mechanical Engineering from MITE in the year 2020. Later he has done his M.Tech in Advanced Manufacturing system (Industry 4.0). He has presented and published a paper titled "Entertainment Resource Planning" at the American Institute of Physics Conference. He joined as Management Intern in Pan India Project Integrated Logistics system @Manipal Technology Limited and presently working for Dassault Systems in Pune.
4. **Date organized:** 23.04.2022
5. **Duration:** 10.15 am to 12.30 pm
6. **Topics Covered:** Career Opportunities for Mechanical Engineers
7. **Venue:** Audi 2- Administrative Block, MITE
8. **Target Audience:** Third-year students of Mechanical Engineering
9. **Courses/CO/PO Mapped:** PO1, PO2, PO3, PO4, PO5 & PO12
10. **The outcome of the Talk:** Students were able to know the present scenario of job opportunities in industries with the knowledge of advanced software

11. Program Coordinator:

Dr. NeelakanthaV. Londe, Mr. Shivaramu H T, Mr. Vikranth K of Department of Mechanical Engineering.

4. Program Photos



Mr. Karthik M Naik, delivering a session (23/05/2022)

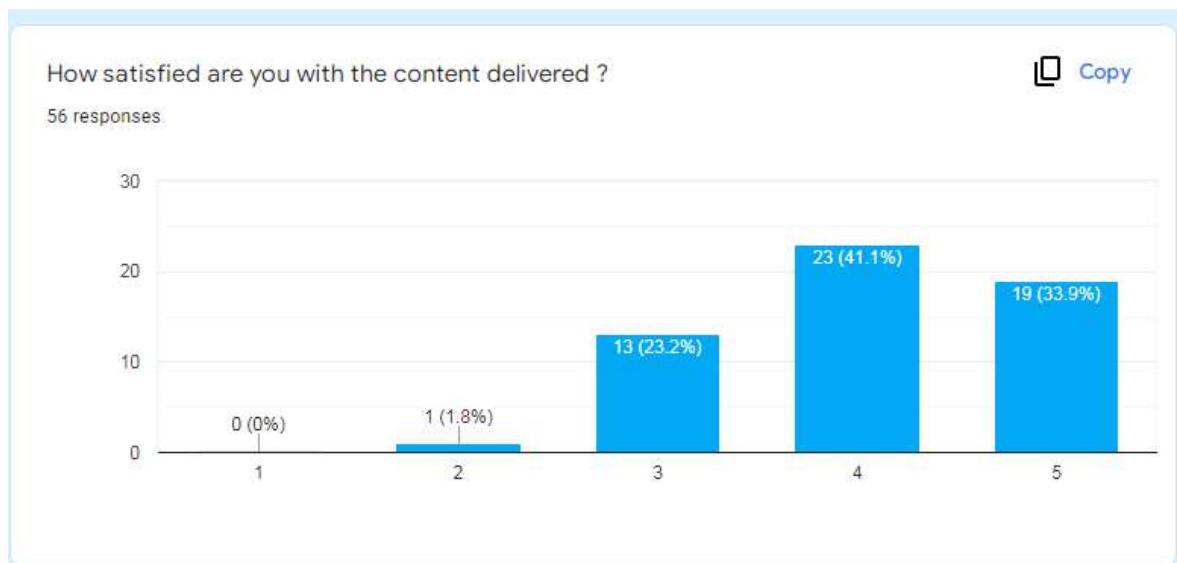


Prof. Shivaramu H T facilitating the resource person Mr. Karthik M Naik

Summary of Talk:

The speaker highlighted the importance of learning advanced skills for better job opportunities in the industries. He explained how product life cycle management (PLCM) will be applied in industries and software used for maintaining the database of the products. He stressed the product design and development stages and how it is practically applied in industries with respect to a product. Also, he gave a demonstration on advanced Micro-Soft Excel and mentioned the advantages of documenting the statistics. The students were able to know the industry expectations from the graduates and understood the usage of advanced Micro Soft Excel.

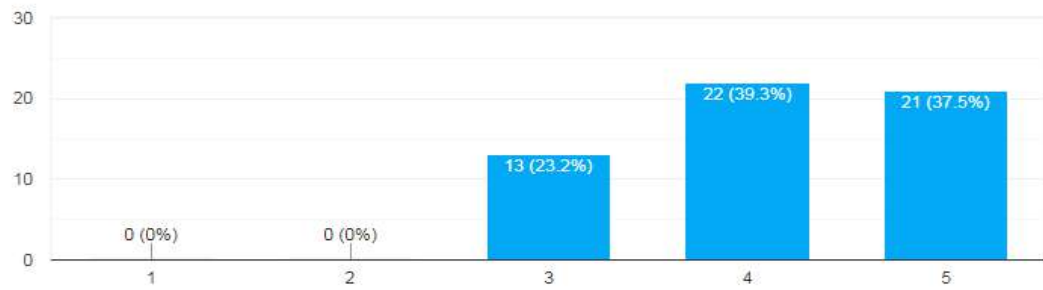
Feedback



How much relevant and helpful for your future career?

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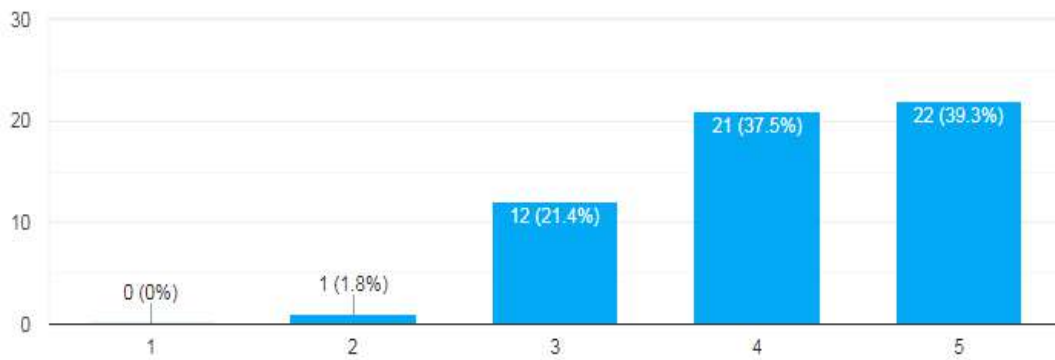
56 responses



Were there any significant key takeaways from the technical talk ?

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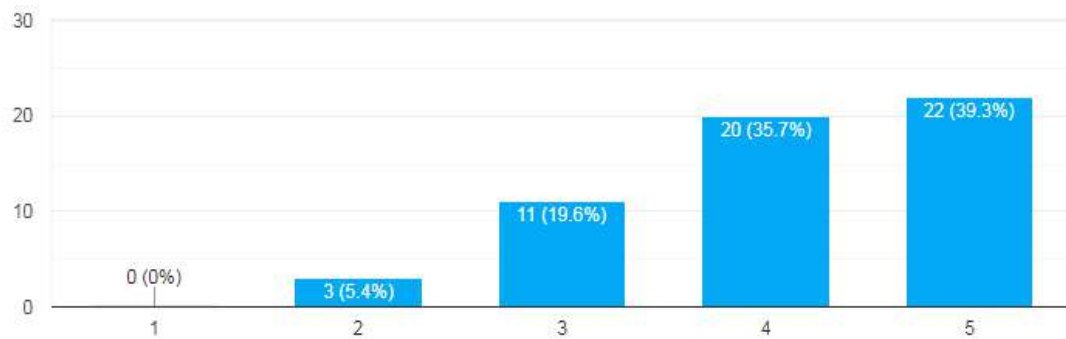
56 responses



How do you feel about that, the Resource Person Knowledgeable to explain industrial applications?

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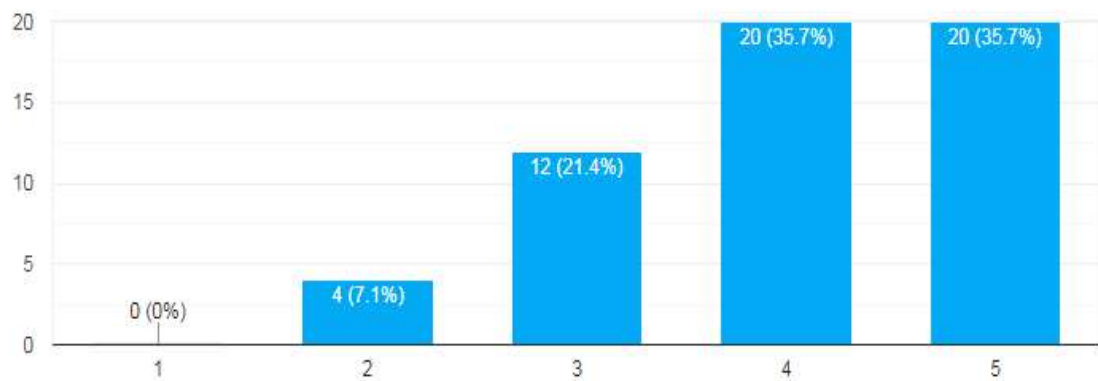
56 responses



I gained new knowledge on importance of having Skill Development

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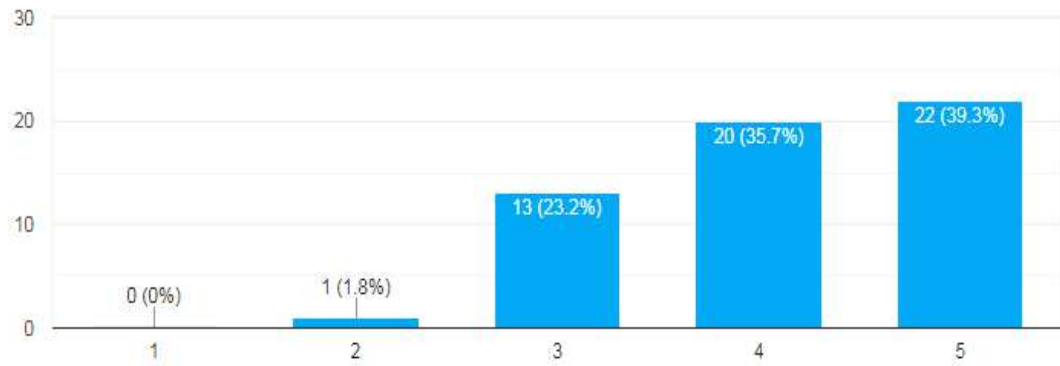
56 responses



Rate your satisfaction with the Seminar?

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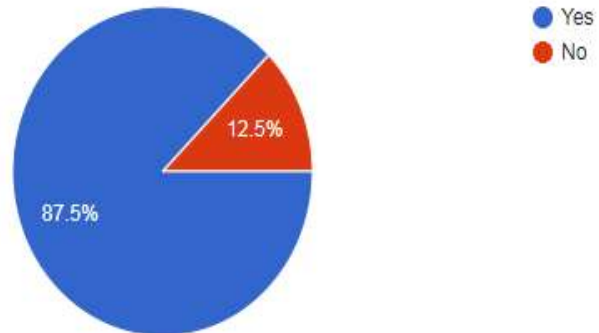
56 responses



Do you like to attend workshop on the same topic in future?

 Copy

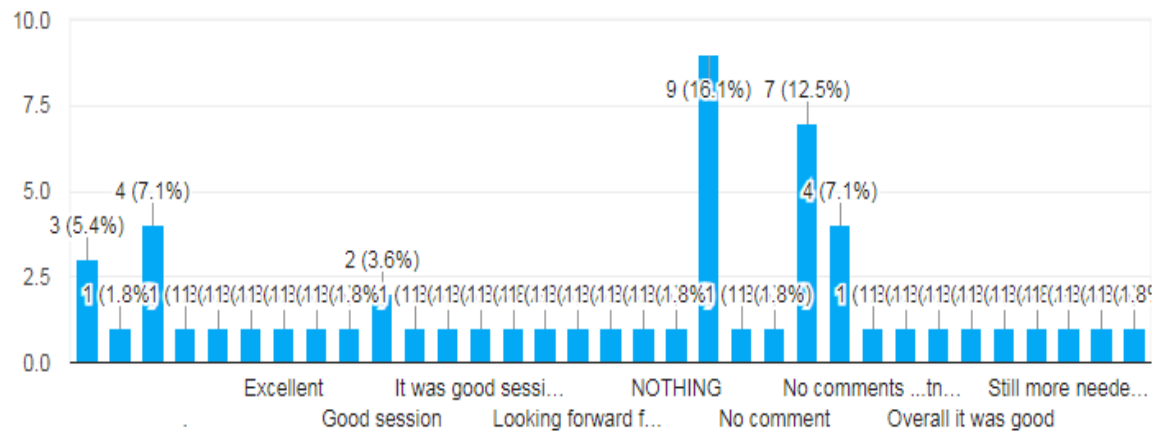
56 responses



Any additional comments



56 responses





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Department of Mechanical Engineering

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Date: 28.04.2022

Report on Technical Talk

1. **Title:**“ Simulation of Defense, Space and Aeronautical Applications-a prospective future for Mechanical Engineers”
2. **Resource person name & Address:** Mr. Dhanish Abdul Khader, Sales & Marketing, SS Technologies, Bangalore
3. **Brief Profile of Resource person:** Mr. Dhanish Abdul Khader is working as Space System Engineer (Analytics) at SS Technologies Bangalore. He is graduated in Mechanical Engineering from RVCE, Bangalore and Pursued his M. Tech in Computer Aided Design from MIT, Manipal. His major job profile is in offering targeted technical engagements to solve Defense and Space problems for ISRO, DRDO and Indian Air Force. He has extensively worked on Developing Applications, based on the client’s requirements by interfacing Systems Toolkit using C++. He is involved in various projects like Aircraft Mission Planner, Blind Window for defense systems. He is also involved in Conducting Workshops/training and demo STK at corporate and educational level.
4. **Date organized:** 28.04.2022
5. **Duration:** 11.00 AM to 1.00 PM
6. **Topic Covered:** Simulation of Defense, Space and Aeronautical Applications-a prospective future for Mechanical Engineers
7. **Venue:** Audi 2- Administrative Block, MITE
8. **Target Audience:** Third-year students of Mechanical Engineering

9. Courses/CO/PO Mapped: PO1, PO2, PO5 & PO12

10. The outcome of the Talk: The application of simulations in the field of Defense, Space and Aeronautical and also the future scope for Mechanical Engineering graduates in these areas were explained. The relevance of STK interfacing systems tool kit and other software tools to get acquainted with, for choosing a career in these areas were explained. The future job opportunities for Mechanical Engineering graduates in these areas were highlighted.

11. Program Coordinator:

Dr. Mohan Kumar, Associate Professor, Department of Mechanical Engineering.

4. Program Photos

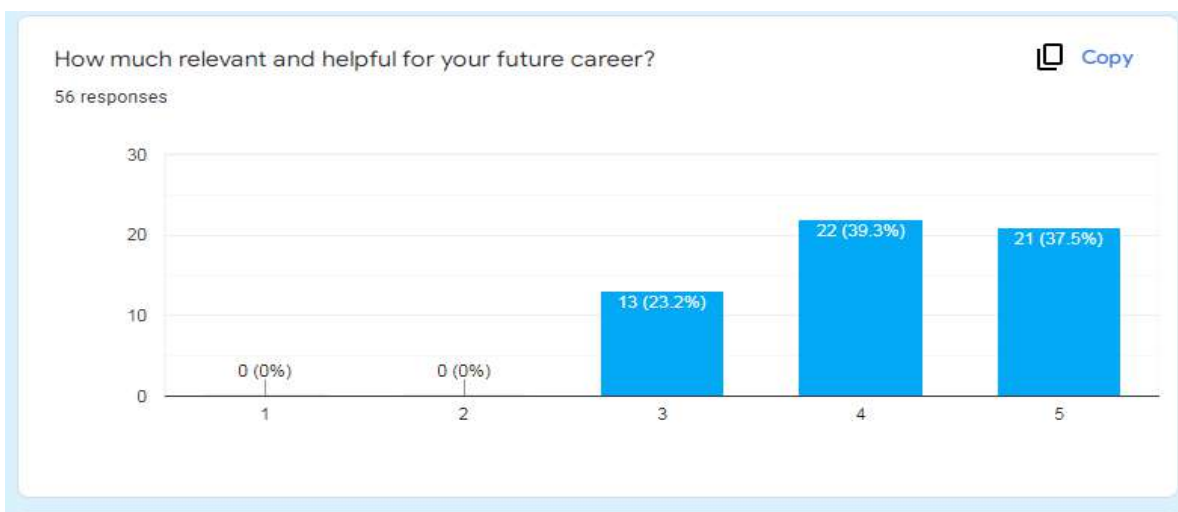
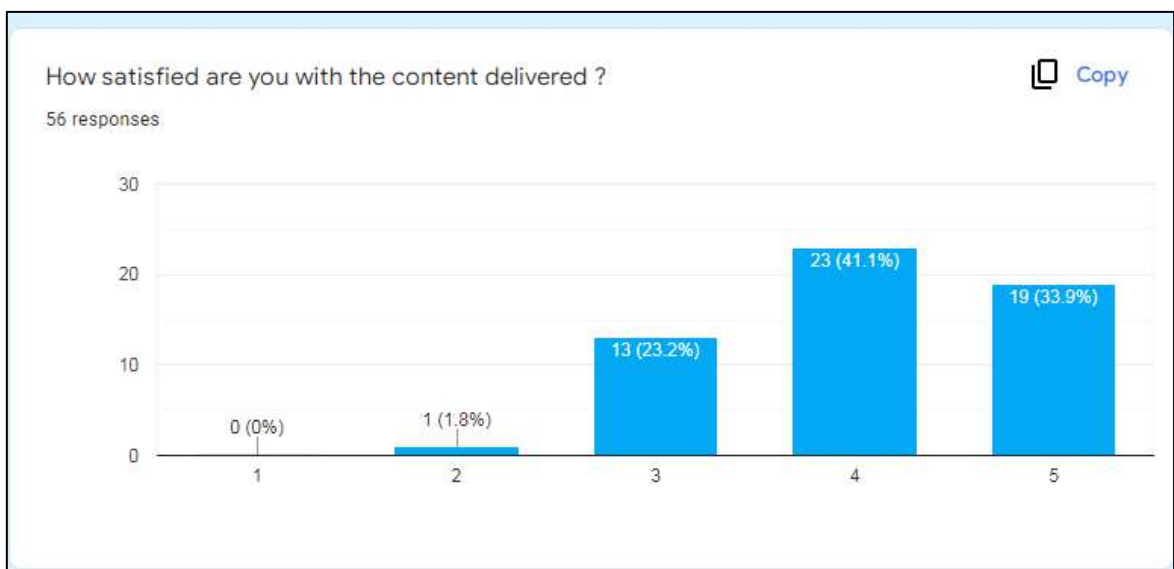


Mr. Dhanish Abdul Khader delivering the session (28/04/2022)

Summary of Talk:

The speaker highlighted the importance of learning advanced software skills for better career opportunities in the industries. His talk was focused on the future perspectives of Mechanical Engineering graduates in space, defense and aeronautical fields and required skills to procure to be industry ready. The use of fundamentals of FEM in developing analytical and simulation software was explained. He gave a demo of the STK systems toolkit software and its applications in space, defense and aeronautical fields.

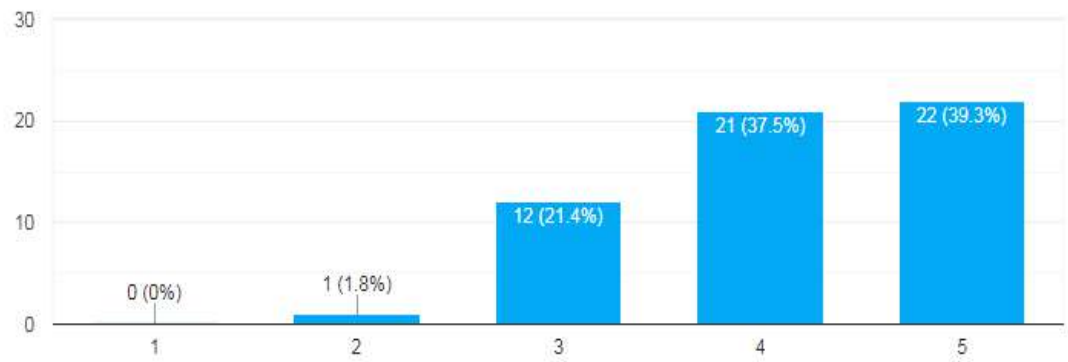
Feedback



Were there any significant key takeaways from the technical talk ?

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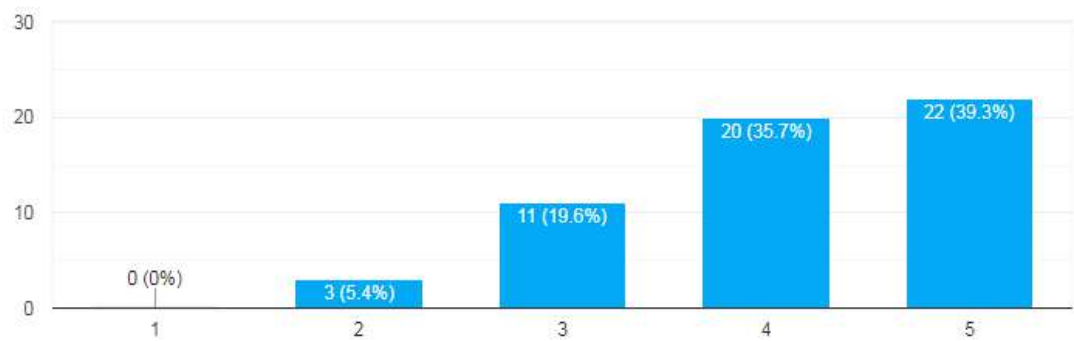
56 responses



How do you feel about that, the Resource Person Knowledgeable to explain industrial applications?

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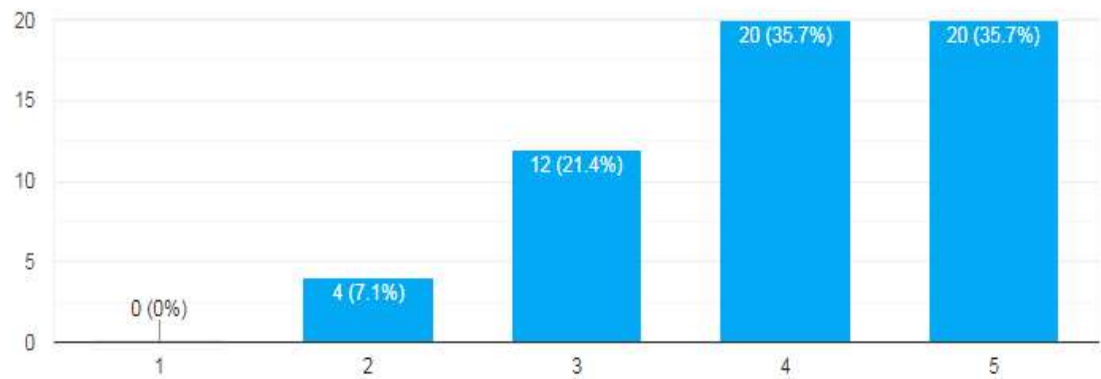
56 responses



I gained new knowledge on importance of having Skill Development

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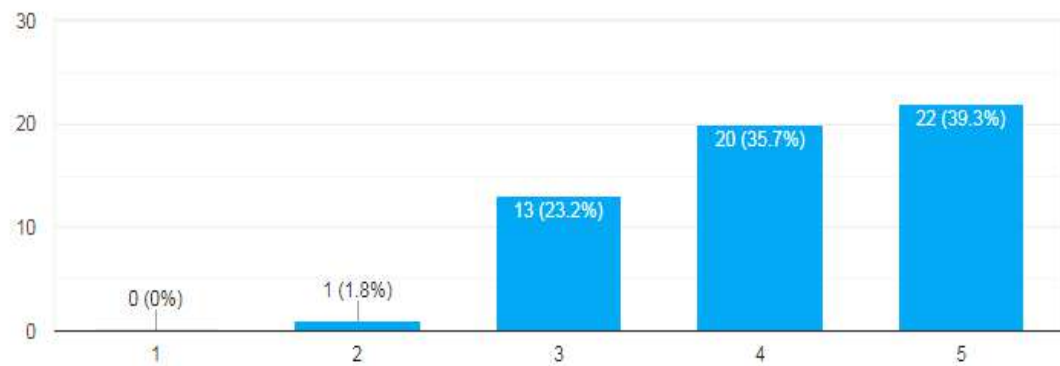
56 responses



Rate your satisfaction with the Seminar?

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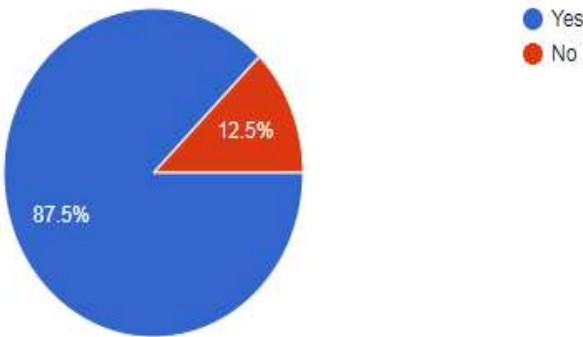
56 responses



Do you like to attend workshop on the same topic in future?

 Copy

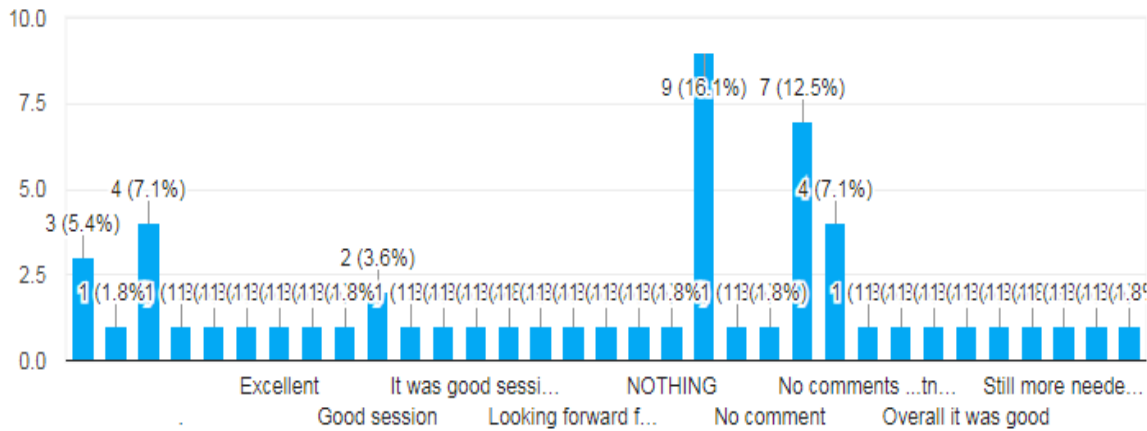
56 responses



Any additional comments

 Copy

56 responses



Date:13.05.2022

Report on Technical Talk

1. Title: Sustainability: An Engineer's Job in Creating a Sustainable World

2. Resource person name & Address: Mr. Harish M Shenoy, Director, Plastic Fischer, Bangalore

3. Brief Profile of Resource person: Mr. Harish M Shenoy He has completed his Undergraduate in Mechanical Engineering from MITE in the year 2017. He worked as Mechanical Engineer for about 3.6 years at Shenoy Engineering Pvt. Ltd., Bangalore. His expertise on Conceptualizing and designing automated solutions for mass production of metal cut parts, Planning and executing projects, Cross-functional coordination. In the year 2021 joined as Director at Plastic Fischer, Bangalore

4. Date organized: 13.05.2022

5. Duration: 11:20 am to 12.20 pm

6. Topics Covered: Role of Mechanical engineers in developing sustainable world

7. Venue: ME103, Dept. of Mechanical Engg., MITE

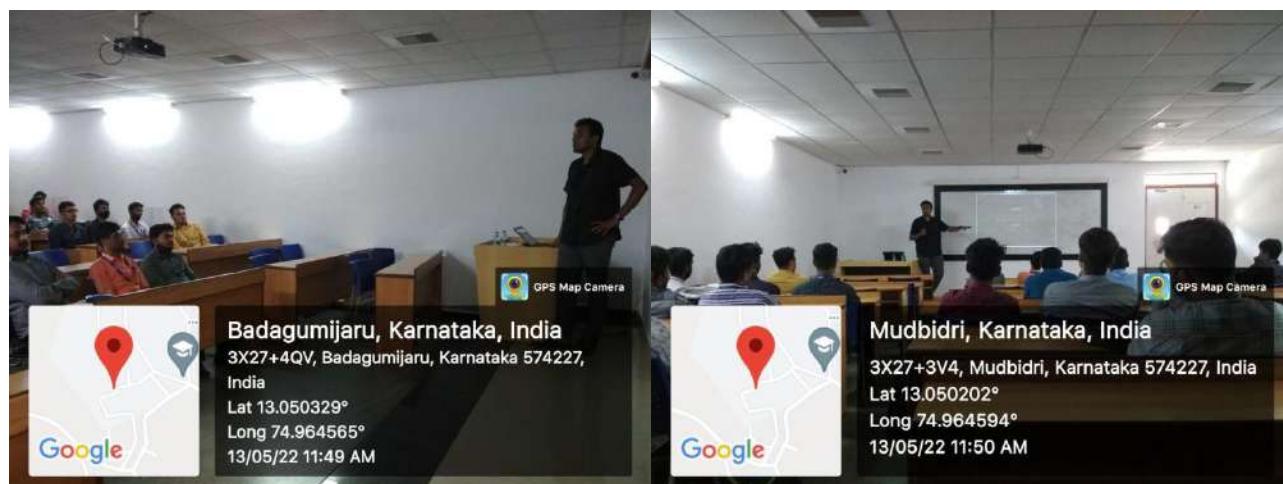
8. Target Audience: Third-year students of Mechanical Engineering

9. Courses/CO/PO Mapped: PO1, PO2, PO5 & PO12

10. The outcome of the Talk: Students were able to know the importance of developing products concerned with the environment and how to reuse or recollect the used product for a better disposal system.

11. Program Coordinator: Mr. Shivaramu H T, Sr. Assistant Professor, Department of Mechanical Engineering.

12. Program Photos



Mr. Harish M Shenoy, delivering a session (13/05/2022)



Audience gathered



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Department of Mechanical Engineering

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Date: 8.12.2021

Report of Workshop

1. **Title:** Two days workshop on “**Electric Vehicle Technology**”.
2. **Resource person name & Address:**
Mr. Suraj S D ,founder & CEO, DECIBELS PVT LTD.
3. **Brief Profile of Resource person:**
Suraj is a graduate in Engineering with 8+ years of automotive industry experience, has worked on projects with Mercedes Benz, Fisher Dynamics USA, Fiat Chrysler USA through ITC infotech on Automotive subsystem design. Currently, as a Founder & CEO at Decibels Lab, he leads the team in consulting projects for various EV startups in India & globally. He is a TEDx speaker, delivering lectures, FDP's on various topics such as Electric Vehicles, Automotive Electronics, Simulation & Modeling, Engine Tuning, Plastic Design & Product Design. Suraj manages a 20+ members team at Decibels and provides services to startups & tier 2 suppliers in India & Sweden. Activities of engagement such as Electric vehicle Powertrain modeling Li-ion cell modeling Battery management system modeling & Development Motor controller modeling & development.
4. **Date organized:** 03/12/2021 and 04/12/2021
5. **Duration:** Two days
6. **Topics Covered:**
 - **Need for EV Technology (C02 footprint calculations)**
 - **Overview of EV subsystems**
 - **Traction motor**
 - **Traction controller**
 - **Cell, module, Battery pack**
 - **Battery management system**
 - **EV charger**
 - **DC DC converter**
 - **EV auxiliary system: HVAC, motor cooling,battery cooling, power electronics cooling**



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7. Venue: Auditorium 2 and EGD Lab

8. Target Audience:

Mechanical Engineering 4th Year and 3rd year students & Mechanical faculty & staff.

9. No of Attendees for the session :

Students : 50

Faculty : 13

Staff : 6

10. Courses Related to the topic of presentation: Engineering Design & Mechatronics

11. Outcome of the Workshop:

Students were able to understand Electric vehicle technology.

Session-1 students understood the vehicle dynamics and important components of electric vehicles such as Hub motor, Motor controller, Lithium ion cells , Battery pack, Traction motor.

Session-2 Students did hands on calculations on Motor sizing and battery sizing using mathematical equations in order to calculate required torque and voltage for battery selection.

Customized excel sheet provided to students for calculations to further authenticate in software such as MATLAB for simulation purposes to obtain the results.

12. Documents attached:

- workshop poster
- Attendance List
- Training sheet_DECIBELS PVT LTD
- Feedback Form
- workshop photos

13. Program Coordinator:

Mr, SWAROOP, Assistant professor, Dept of Mechanical Engineering MITE



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INVITATION POSTER



DEPARTMENT OF MECHANICAL ENGINEERING

[Accredited by NBA]

- ORGANISING -

TWO DAYS WORKSHOP

ON

Hands on Training on E - Vehicle

BY - TEQUED LABS, BANGLORE

3rd & 4th December 2021

DR. C R RAJASHEKHAR

VICE PRINCIPAL
HOD, DEPT OF MECHANICAL
ENGINEERING

PROF, SWAROOP

CO-ORDINATOR
DEPARTMENT OF MECHANICAL ENGINEERING



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ATTENDANCE LIST

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DEPARTMENT OF MECHANICAL ENGINEERING

(NBA ACCREDITED)

WORKSHOP: HANDS-ON TRAINING ON E-VEHICLE

STUDENT ATTENDANCE LIST

Sl no	USN	NAME	SECTION	03.12.2021		04.12.2021	
				Session-1	Session-2	Session-1	Session-2
1	4MT18ME016	AMIN MANOJ KUMAR	7ME1	Manoj	Manoj	Manoj	Manoj
2	4MT18ME011	AKSHAY A	7ME1	Akshay	Akshay	Akshay	Akshay
3	4MT18ME018	ANIRUDH V PURANIK	7ME1	Anirudh	Anirudh	Anirudh	Anirudh
4	4MT18ME047	KARTHIK PRABHU	7ME1	Karthik	Karthik	Karthik	Karthik
5	4MT18ME113	SHAZEB SHAFI	7ME1	Shazeb	Shazeb	Shazeb	Shazeb
6	4MT18ME004	ABHISHEK S PATIL	7ME1	Abhishek	Abhishek	Abhishek	Abhishek
7	4MT18ME006	ADWETH MENON	7ME1	Adweth	Adweth	Adweth	Adweth
8	4MT18ME019	ANSH V	7ME1	Ansh	Ansh	Ansh	Ansh
9	4MT18ME082	PAVAN KUMAR J	7ME1	Pavan	Pavan	Pavan	Pavan
10	4MT18ME403	DEVRAJ B	7ME1	Devraj	Devraj	Devraj	Devraj
11	4MT18ME094	RANJAN R SHETTY	7ME1	Ranjana	Ranjana	Ranjana	Ranjana
12	4MT18ME027	AVANISH M KUMAR	7ME1	Avanish	Avanish	Avanish	Avanish
13	4MT18ME138	VIVEK SHIVANATH TAMASE	7ME1	Vivek	Vivek	Vivek	Vivek
14	4MT18ME111	SHASHANK RAJU	7ME1	Shashank	Shashank	Shashank	Shashank
15	4MT18ME014	ALFAZ	7ME2	Alfaz	Alfaz	Alfaz	Alfaz
16	4MT18ME079	NITHESH KUMAR	7ME2	Nithesh	Nithesh	Nithesh	Nithesh
17	4MT18ME036	GAGAN GUNAKAR	7ME2	Gagan	Gagan	Gagan	Gagan
18	4MT18ME037	GIRISH	7ME2	Girish	Girish	Girish	Girish
19	4MT18ME038	HARSHA A DEVADIGA	7ME2	Harsha	Harsha	Harsha	Harsha
20	4MT18ME040	HASHEEL ISMAIL	7ME2	Hasheel	Hasheel	Hasheel	Hasheel
21	4MT18ME044	IRWIN DSOUZA	7ME2	Irwin	Irwin	Irwin	Irwin
22	4MT18ME058	MITHUN NAIK	7ME2	Mithun	Mithun	Mithun	Mithun
23	4MT18ME060	MOHAMMED AZAR	7ME2	Mohammed	Mohammed	Mohammed	Mohammed
24	4MT18ME074	NANDAN	7ME2	Nandan	Nandan	Nandan	Nandan
25	4MT18ME076	NAVNEET M GOWDA	7ME2	Navneet	Navneet	Navneet	Navneet
26	4MT18ME110	SHASHANK K	7ME2	Shashank	Shashank	Shashank	Shashank
27	4MT18ME106	SAIBAN ASHFAQUE	7ME2	Saiban	Saiban	Saiban	Saiban
28	4MT18ME112	SHASHANK S K	7ME2	Shashank	Shashank	Shashank	Shashank
29	4MT18ME122	SIDHARTH SHEKAR	7ME2	Sidharth	Sidharth	Sidharth	Sidharth
30	4MT18ME405	MOHAMMED SAHAD	7ME2	Mohammed	Mohammed	Mohammed	Mohammed
31	4MT18ME097	REBEN GEORGE	7ME2	Reben	Reben	Reben	Reben
32	4MT18ME056	MEGHA B H	7ME2	Megha	Megha	Megha	Megha
33	4MT18ME109	SHAMIL G V	7ME2	Shamil	Shamil	Shamil	Shamil
34	4MT18ME108	SYED MOHAMMED ASFAN	7ME2	Syed	Syed	Syed	Syed
35	4MT18ME035	FAWAZ M H	7ME2	Fawaz	Fawaz	Fawaz	Fawaz
36	4MT18ME002	ABHIRAMI SUBHAG	7ME2	Abhirami	Abhirami	Abhirami	Abhirami
37	4MT18ME020	ANUGRAH VALSARAJ	7ME2	Anugrah	Anugrah	Anugrah	Anugrah
38	4MT18ME021	ARJUN E	7ME2	Arjun	Arjun	Arjun	Arjun
39	4MT18ME064	MOHAMMED MAHROOF H	7ME2	Mohammed	Mohammed	Mohammed	Mohammed
40	4MT18ME042	HRITHIK SANIL KUMAR	7ME2	Hrithik	Hrithik	Hrithik	Hrithik
41	4MT18ME041	HRISHIKESH RAJ	7ME2	Hrithik	Hrithik	Hrithik	Hrithik
42	4MT18ME075	NARENDRA	5ME	Narendra	Narendra	Narendra	Narendra
43	4MT20ME405	NAGENDRA	5ME	Nagendra	Nagendra	Nagendra	Nagendra
44	4MT19ME010	KISHAN KOTIAN	5ME	Kishan	Kishan	Kishan	Kishan
45	4MT19ME042	MANISH	5ME	Manish	Manish	Manish	Manish
46	4MT19ME028	RAMACHANDRA	5ME	Ramachandra	Ramachandra	Ramachandra	Ramachandra
47	4MT19ME026	RAJATH	5ME	Rajath	Rajath	Rajath	Rajath
48	4MT19ME008	SUJAN	5ME	Sujan	Sujan	Sujan	Sujan
49	4MT19ME031	SHOHAN	5ME	Shohan	Shohan	Shohan	Shohan
50	4MT18ME088	PRATHEEK	5ME	Pratheek	Pratheek	Pratheek	Pratheek



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DEPARTMENT OF MECHANICAL ENGINEERING

(NBA ACCREDITED)

WORKSHOP: "HANDS-ON TRAINING ON E-VEHICLE"

FACULTY & STAFF ATTENDANCE LIST

Sl no	NAME	DESIGNATION	E-CODE	03.12.2021		04.12.2021	
				Session-1	Session-2	Session-1	Session-2
1	Dr. Neelakantha V Londe	Professor	MEC390				
2	Dr. Mohan Kumar	Associate Professor	MEC560				
3	Shivaramu H T	Senior Assistant Professor	MEC748				
4	Dr. Vignesh Nayak Ullal	Senior Assistant Professor	MEC753				
5	Dr. Shashikant	Senior Assistant Professor	MEC840				
6	Sridhar D R	Assistant Professor	MEC193				
7	Vikranth Kannanth	Assistant Professor	MEC335				
8	Yajnesha P Shettigar	Assistant Professor	MEC495				
9	Aveen K P	Assistant Professor	MEC498				
10	Swaroop	Assistant Professor	MEC767				
11	Madhusudhan B	Assistant Professor	MEC773				
12	Santhosh Acharya	Assistant Professor	MEC829				
13	Mamatha K M	Assistant Professor	MEC838				
14	Chandrashekar Shetty	Foreman	MEC012				
15	Yogish P.	Assistant Lab Instructor	MEC277				
16	Sowjanya Shetty	Assistant Lab Instructor	MEC718				
17	Prashanth M	Lab Assistant	MEC446				
18	Veekshitha S	Lab Assistant	MEC726				
19	Karthik Kulal	Lab Assistant	MEC777				



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TRAINING SHEET

from

DECIBELS PVT LTD



Course Name	Electric Vehicle Technology Course L1
Module Name	Ather 450 Power Train Calculations
Module Code	EVTC-PTC-A450

Ather 450 Power Train Calculations Sheet

Objective of the activity	To calculate the motor torque from vehicle data of Ather 450
Problem statement	<ol style="list-style-type: none">1. To calculate initial torque required to start the vehicle2. To calculate motor power to accelerate from 0-40 kmph speed

1. Inputs Vehicle Specifications:

Sl No	Specifications	Value	Units
1	Kerb mass of the vehicle	111	Kg
2	Driver Mass	80	Kg
3	Gravity (g)	9.81	m/s
4	Gear ratio (D) (Belt drive)	7.8:1	
5	Efficiency of Transmission (N_{eff})	0.85	
6	Top speed	80	kmph
7	Acceleration performance	0 - 40 kmph in 3.9 s	
8	Range Eco mode Ride mode Sport mode	75 km 65 km 55 km	
9	Wheel size Front Rear	12 12	Inch Inch

2. To calculate initial torque required to start the vehicle (From Velocity 0 kmph)

A. Calculation of Gross Vehicle Weight (GVW)	
B. Gross vehicle mass (GVM)	Kerb mass of the vehicle + Driver mass
C. Gross vehicle weight (GVW)	$GVM * g$

3. Formula To calculate Total Tractive Force

Total Tractive Effort (TTE)	$\text{Rolling Resistance (F}_{rr}) + \text{Grade Resistance (F}_{gr}) + \text{Static Force (F}_{sf})$
------------------------------------	--

A. Calculation of Rolling Resistance (F_{rr})	
Coefficient of Rolling Friction (C _{rf})	0.015
Rolling Resistance (F _{rr})	$GVW * C_{rf} =$

C _{rr}	Surface
0.001 - 0.0025	steel wheels on steel rails
0.0015 - 0.0025	bicycle tires
0.006 - 0.01	truck tire on asphalt
0.01 - 0.015	ordinary car tires on concrete
0.03	car tires on tar or asphalt
0.2 - 0.4	car tire on loose sand

B. Calculation of Grade Resistance (F_{gr})

Assuming angle(θ)	0 degrees
Grade Resistance (F_{gr})	$GVW * \sin(\theta)$

C. Calculation of Aerodynamic force (T_{motor})

Drag Coefficient (C_d)	0.22
Frontal Area (A)	0.875 m^2
Vehicle Velocity (v)	$11.11 \text{ m/s (40 kmph)}$
Air Density	1.225 kg/m^3
Aerodynamic Force (F_a)	$0.5 * \text{Air density} * C_d * A * v^2$
	=

D. Calculation of Acceleration Force (F_{acc})

Velocity (v)	$11.1111 \text{ m/s (40 kmph)}$
Acceleration time (T)	3.9 s
Acceleration (a)	v/t
Acceleration Force (F_{acc})	

Total tractive effort (TTE)

Total Tractive Effort (TTE)		Rolling Resistance (F_{rr}) + Grade Resistance (F_{gr}) + Aerodynamic force (F_a) + Acceleration Force (F_{acc})			
Specifications	F_{rr}	F_{gr}	F_a	F_{acc}	TTE
Value					



Calculation of Torque required to attain velocity = 11.11 mps (0-40 kmph)	
Wheel Radius (R_w)	0.1524 m
Torque at wheel (T_{wheel})	$T_{TTE} * R_w$

Calculation of Rpm required to attain velocity = 11.11 mps (0-40 kmph)	
Velocity (v)	11.11 m/s (40 kmph)
Wheel Radius (R_w)	0.1524 m
Wheel Rpm (N_{wheel})	$V / R_w * 0.104 = (v * 60 / (2 * \pi * R_w))$

Calculation of Motor Torque	
Motor Torque (T_{motor})	$\frac{T_{wheel}}{\text{Net gear Reduction} * N_{eff}}$

Calculation of Motor Rpm	
Motor Rpm (N_{motor})	$\frac{N_{wheel} * T_{wheel}}{T_{motor}}$

Calculation of Motor Power	
π	3.142
Motor power (P_{motor})	$\frac{2 * \pi * N_{motor} * T_{motor}}{60}$



Calculation of Battery power	
Battery power (P_{battery})	Motor power/ Motor controller efficiency (0.95)

Course Name	Electric Vehicle Technology Course L2
Module Name	Ather 450 Battery Calculations
Module Code	EVTC-BC-A450

Ather 450 Battery Calculations Sheet

Objective of the activity	To understand the battery pack calculations & sizing for pack
Problem statement	Design a battery pack for an electric vehicle based on the motor power calculated.

Input Battery Specifications:

SI No	Specifications	Value	Units
1	Pack		
	Pack Power (P_p)	2483.557	W
	Pack Voltage (P_v)	48	V
2	Cell		
	Cell Capacity (C_c)	2.7	Ah
	Cell Voltage (C_v)	3.6	V

Questions:

1. Calculate the cell in series & parallel required to meet the target battery pack specifications.
2. Assume that battery pack is charged using an AC level 1 charger (60V AC, 12A), how long it will take to fully recharge the battery pack assuming the SOC is 0%



3. Assume that battery pack is charged using an AC level 2 charger (3KW), how long it will take to fully recharge the battery pack assuming the SOC is 0%

1. No of Cells in Parallel and Series:

Pack Current (P_A)	P_p/P_v =
Number of cells connected in series (N_s)	P_v/C_v =
Number of cells connected in parallel (N_p)	$P_p/P_v * C_c =$

Total number of cells required for the battery pack	$N_s * N_p =$
---	---------------

2. Charging time calculations (Assuming 100% efficiency)

Charge time for Level 1 type	$P_p/\text{Outlet Power (from grid)}$ =
C-Rate of Charging for Level 1 type	C_c/P_a =
Charge time for Level 2 type	$P_p/\text{Outlet Power (from grid)}$ =
C-Rate of Charging for Level 2 type	C_c/P_a =



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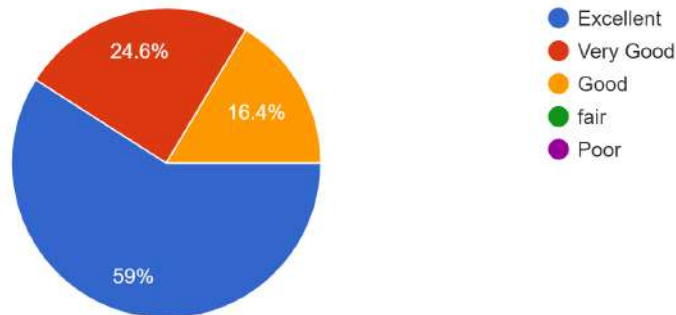
Department of Mechanical Engineering

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FEEDBACK ANALYSIS

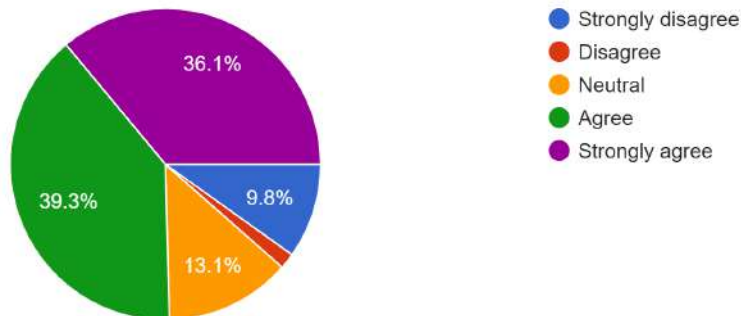
Was the training material and content helpful to you?

61 responses



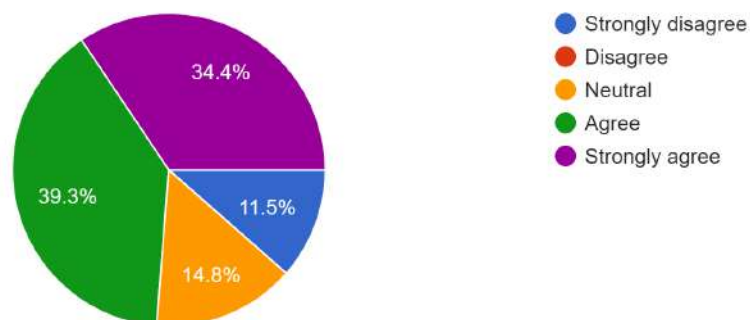
Was the training program interactive and engaging?

61 responses



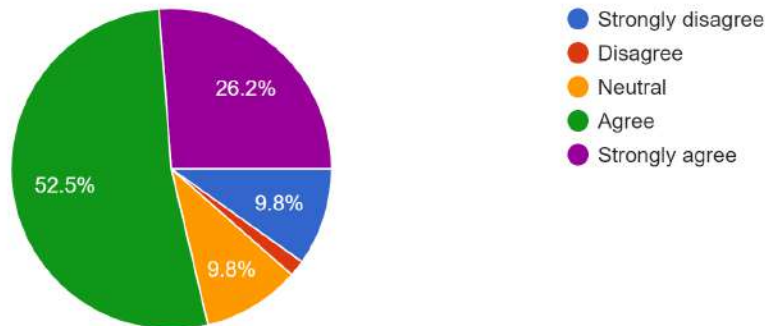
Was the study material personalized enough to help you solve problems specific to your job requirements?

61 responses



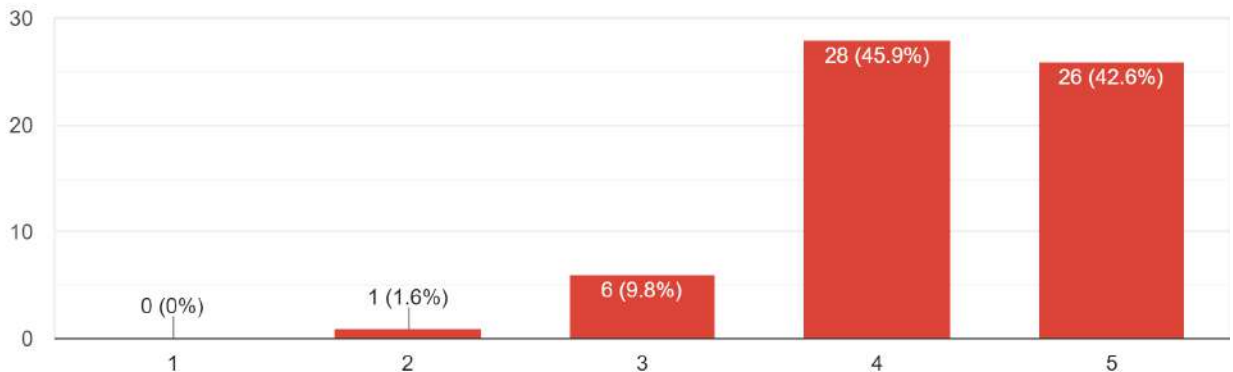
Was the training relevant to your job or potential job?

61 responses



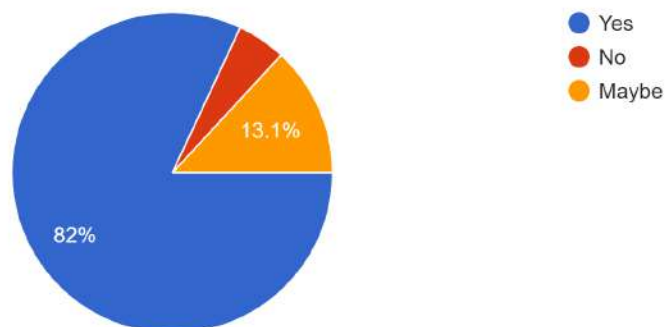
How would you rate the quality of this training session?

61 responses



Were you able to get all of your questions answered during the training?

61 responses





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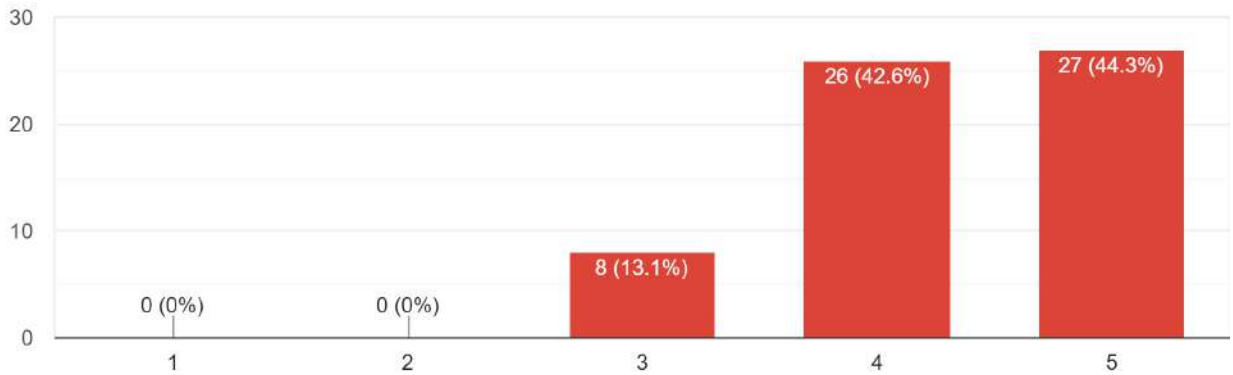
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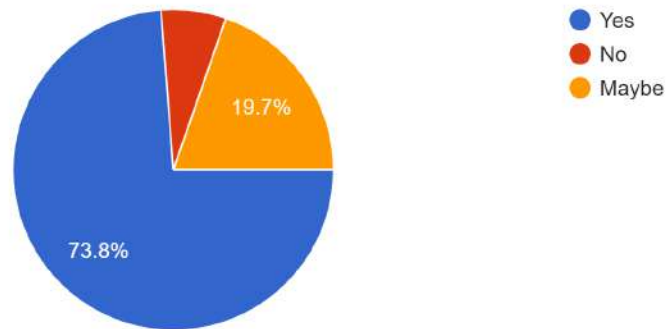
How would you rate the teaching quality of the instructor?

61 responses



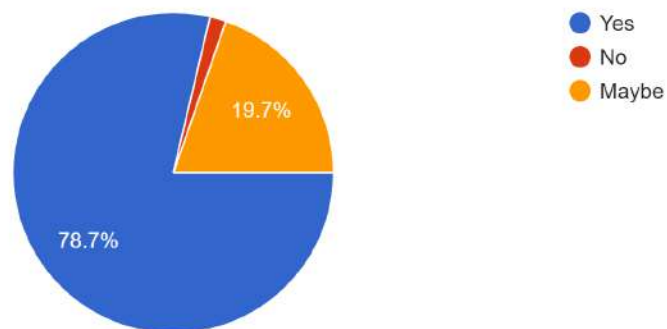
Do you feel you were given enough time and resources to complete the training?

61 responses



Did the training meet your expectations?

61 responses





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Do you have any suggestions that can help us improve the training program?

61 responses

No

Nil

No suggestions

-

no

Workshop should be conducted atleast for 4 days

Please do come again ..and extend it
If possible do give us internships to help us improve

We need more number of days of workshop for better understanding.

Do you feel competent and confident at the end of the training program? Please share any concerns or knowledge gaps.

61 responses

Yes

No

-

yes

Good

Somewhat

The workshop was good and understood the basic concepts of the EV

I feel I've actually learnt something. The gaps to knowledge is pretty far ...but I do want to learn more.

Best



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WORKSHOP PHOTOS



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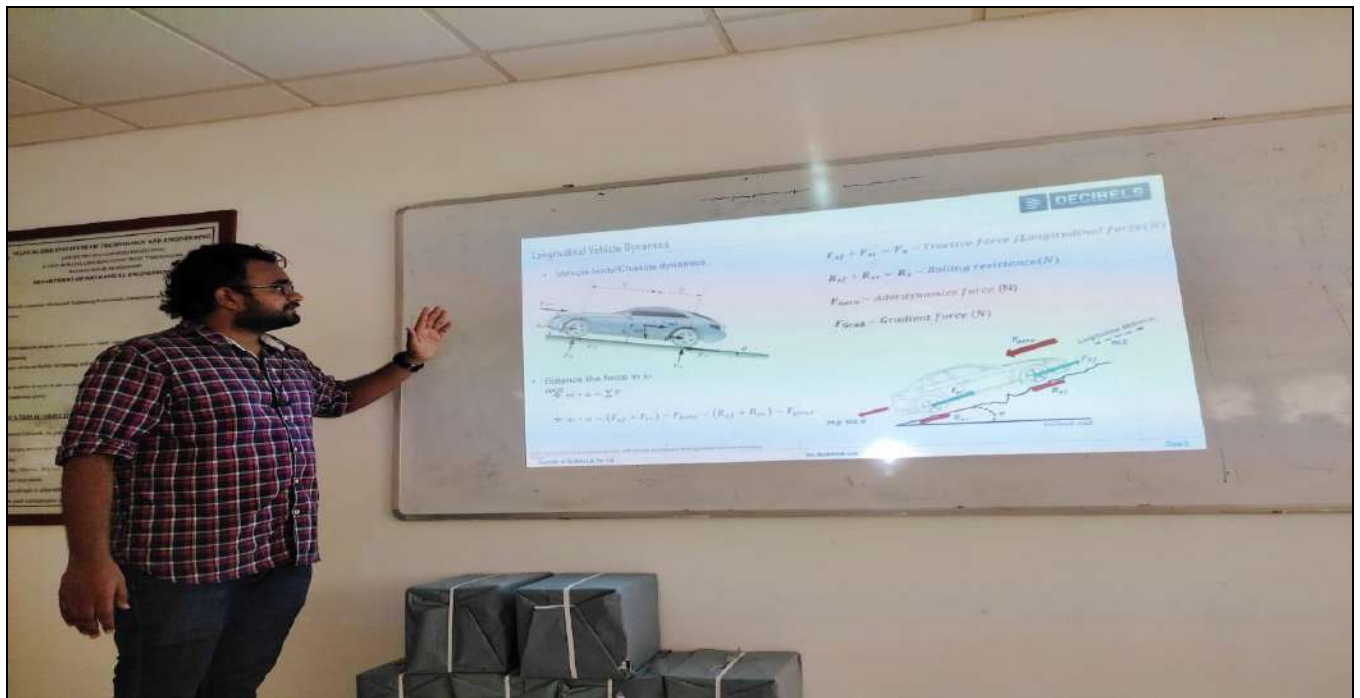
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Date: 10/12/2021 and 11/12/21

Report of Workshop

1. **Title:** Two days workshop on 3D Printing-The cutting Edge Technology
2. **Resource person name & Address:** Mr. Praveen Olekar, Co-founder &CEO, Nixbess
3. **Brief Profile of Resource person:** Praveen Olekar B.E., M.Tech (VLSI) has more than 8 years of experience. He Co-founded a Start-up named Nixbees Technologies in Tumkur in the year 2015 which is working on their proprietary products in various domains such as IOT, 3D Printer, Blockchain, Android application development and many more with several clients in India and across the globe. Working as a Developer and Chief Executive Officer for the Nixbees Technologies. Executive with verifiable year-after-year success achieving revenue, profit, and business growth objectives within start-up, turnaround, and rapid-change environments. Extensive experience with highly engineered systems, which require deep understanding of critical business drivers in multiple markets and industries; highly successful in building relationships with upper-level decision makers, seizing control of critical problem areas, and delivering on customer commitments. Customer-focused and performance-driven. Led and motivated teams to achieve desirable result
4. **Date organized:** 10/12/2021 and 11/12/2021
5. **Duration:** Two days
6. **Topics Covered:**
 1. Introduction to 3D printing.
 2. Background of 3D printing.
 3. Mechanical components of 3D Printer.
 4. Tinker cad lessons.
 5. 3D printing technology, Participant's designs, Random interesting objects.
 6. Slicing: How to 3D print a CAD design; What files formats are supported; How does an STL look like; How does a GCODE look like.
 7. Testing and calibration of 3D Printer.
 8. Printer maintenance.

Days	Sessions	Topics
Day 1	9:00 AM to 10:30 AM	<ul style="list-style-type: none"> Introductory Topics 3D Printing Background
	10:45 AM to 12:30 PM	3D Printer Mechanical Components
	1:30 PM to 3:30 PM	Tinkercad Lessons
	3:45 PM to 5:00 PM	<ul style="list-style-type: none"> 3D Printing Technology, Participant's designs Random interesting objects
Day 2	9:00 AM to 10:30 AM	<ul style="list-style-type: none"> 3D Printing Technology, Participant's designs Random interesting objects
	10:45 AM to 12:30 PM	<ul style="list-style-type: none"> Slicing How to 3D Print a CAD Design; What file formats are supported; How does an STL look like; How does a GCODE look like
	1:30 PM to 3:30 PM	<ul style="list-style-type: none"> Testing and calibration of 3D Printer Printer maintenance
	3:45 PM to 5:00 PM	<ul style="list-style-type: none"> Discussions And Query

7. Venue: Auditorium 2 and EGD Lab

8. Target Audience: Mechanical Engineering, Aeronautical and Mechatronics 4th Year and 3rd year students

9. No of Attendees for the session :

Sl No	Name	Attendance
1	Nithesh	P
2	Mithun Naik	P
3	Harsha Devadiga	P
4	Girish	P
5	Santhosh Hedge	P
6	Chethan D shettigar	P
7	Hasheel ismail	p
8	Rakshith	P
9	Dhanush shetty	P
10	Md Azar	P
11	Gagan Gunkar	P

12	Shashank S K	P
13	Chandan P	P
14	Ahash shankar poojary	P
15	Razan Kukkadi	P
16	S Mohith	P
17	Prahallad chowta	P
18	Kaushik hegde	P
19	Irfan	P
20	Supritha S	P
21	Mahi Hussain	P
22	Alfan muneer	P
23	Sidharth shekhar	P
24	Niranjan Kamath	P
25	Pawan kumar J	P
26	Shiek Md Arif	P
27	Md salman Fakki	P
28	Sayyed Md Asfan	P
29	Ashwin K	P
30	Fawaz M H	P
31	Shiek Md daniyal	P
32	Karthik prabhu	P
33	Md Gouse	P
34	Sudhanshu	P
35	Sushanth Nayak	P
36	Ashish Ajri	P
37	Vika K H	P
38	Devi prakshath alva	P
39	Adhith	P
40	Prajwal B Y	P
41	Prajwal J Acharya	P
42	Adarsh kumar M	P

43	Ravi krian	P
44	Vaishnavi Shenoy	P
45	Siri Bhuvana S	P
46	Abhishek A Shetty	P
47	Royston Parambill	P
48	Santhosh Hegde	P
49	Chethan D shettigar	P
50	Md khaif Aman	P
51	Nuaim Adbur Rahiman	P
52	Umar Farooq	P
53	M Rahid	P
54	N Muheef	P
55	Nishant Shetty	P
56	Nawman Baig	P
57	Tushar U	P
58	Ledson lewis	P
59	Rahul	P
60	Jose Malcolm Dsouza	P
61	K Prajith P Ajri	P
62	Sarang Md Saleef	P

10. Courses Related to the topic of presentation: Additive Manufacturing

11. Outcome of the Workshop: Students got exposed to the practical knowledge of 3D printing/AM, steps involved from designing, slicing, materials, and the end products with their software used, students created the models with their hand with 3D Printing machine, designing of the model, learnt the STL format conversion and codes and applications.

12. Feedback:

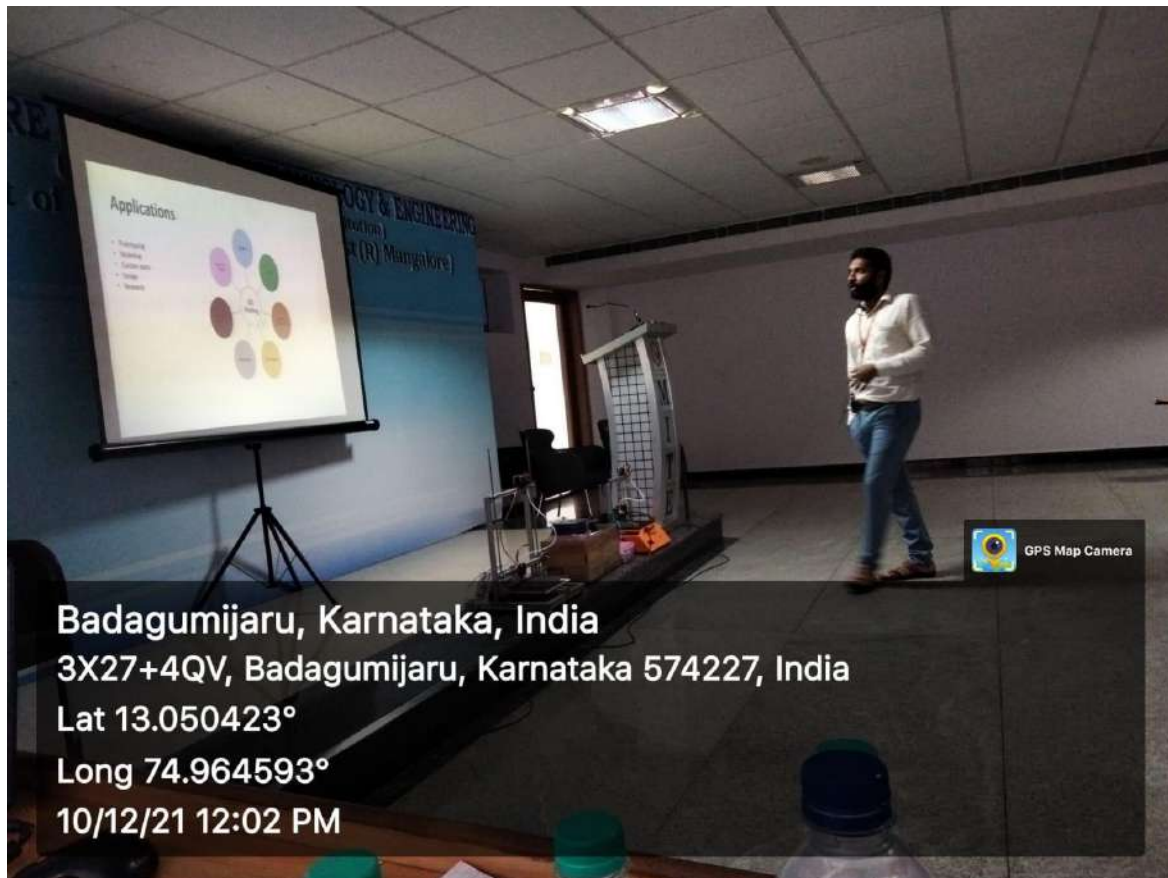
Sl. No.	Name	USN	Suggestions/Comments:
1	GIRISH	4MT18ME037	No
2	Ashwin k	4MT18ME024	Good
3	Supritha S	4MT19ME407	It was very informative workshop
4	Mohammed gouse	4mt19me406	N0
5	Mithun Naik	4mt18me058	No suggestion
6	sushanth nayak	4MT18ME132	No suggestions
7	Kaushik M Hegde	4MT18ME049	No.
8	Nithesh	4MT18ME078	..
9	PRAJWAL B Y	4MT19AE033	no
10	Deekshith	4MT18ME033	.
11	Mahee hussain ismail	4MT18ME054	Good
12	Jose Malcolm	4MT19MT022	Its good session
13	Santosh Hegde	4MT19MT043	Got a exposure to the 3D printing technology and production
14	Dhanush Shetty	44MT18ME034	It was a wonderful session
15	Prahallad chowta	4mt18me084	More QnA time
16	Siri bhuvana S	4MT19AE051	No
17	S Mohith	4MT18ME104	Good
18	Niranjan Kamath	4MT18ME077	It was very informative workshop
19	Razaan Kukkadi	4MT18ME096	Ni
20	Tushar U	4MT19MT054	No suggestion
21	Chethan Shettigar	4MT19MT014	No suggestions
22	Mohammed khaif aman	4mt19mt030	No.
23	Ashish Ajri	4MT19ME400	..
24	Akash Shankar poojari	4mt18me009	no
25	Ravikiran Biradar		Good
26	Sudhanshu	4MT18ME126	No.

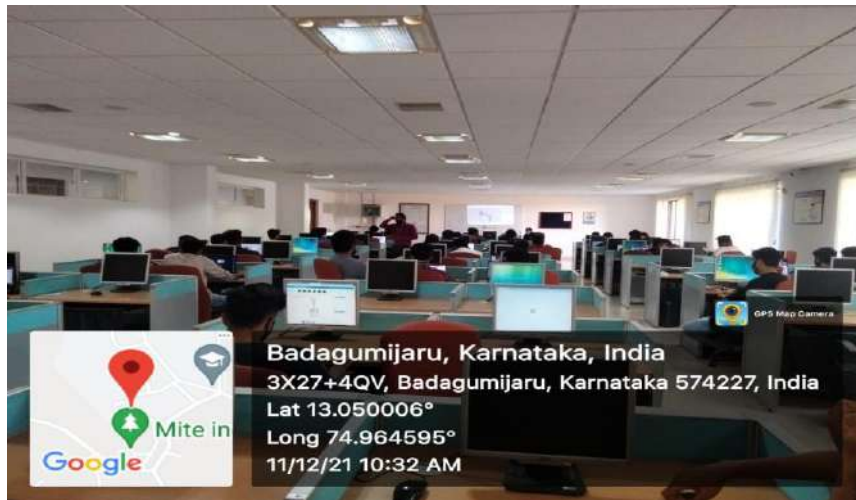
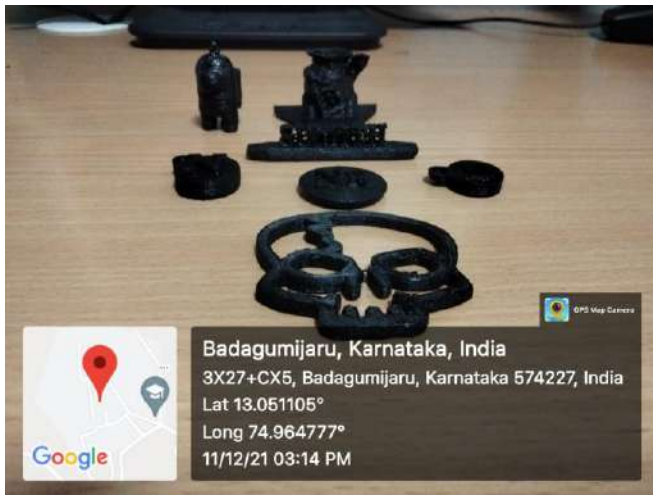
27	Nuaim Abdur Rahman	4MT19MT038	
28	K Prajith P Ajri	4MT19MT023	Good
29	NISHANT SHETTY	4MT19MT049	No
30	Ledson Lewis	4MT19MT027	

13. Program Coordinator: Mamatha K M, Assistant professor, Dept of Mechanical Engineering
MITE

14. Programme Photos.







Date: 18.06.2022

Innovation-2022



Innovation 2022 Souvenir released by the Dignitaries



Chief guest addressing the participants

A one-day student projects exhibition "Innovation-2022" was organized by Department of Mechanical Engineering on 18th June 2022. Dr. C R Rajashekhar, Vice Principal & HoD, Dept. of Mechanical Engineering, welcomes the all the dignitaries and participants and also highlighted the theme of innovation 2022. The project exhibition was inaugurated by Chief Guest Dr. Ramesha M R, Dept. of Mechanical Engineering, NITK, Surthakal. He highlighted the significance of participating in the project competitions/exhibitions and motivated budding engineering community to involve in innovative technology. Student's project abstracts were brought in the form of Innovation 2022 Souvenir and it was released by the dignitaries. The program was presided by Dr. M S Ganesha Prasad, Principal.

Mr. Prajwal V Kumar, MD & Co-Founder of Mangalore Robautonics Pvt. Ltd. and Dr. Sharanappa J, Associate Professor, Department of Mechanical Engineering, NITK were the jury members. Mr. Shivaramu H T, Department of Mechanical Engineering was the Dept. co-coordinator of Innovation 2022.



Mr. Prajwal V Kumar evaluating the student projects



Dr. Sharanappa J evaluating the student projects

Jury members evaluated all the student's projects and appreciated the student's efforts for their innovative idea and executing the project works. Also, both jury members suggested how these projects can be taken into next level as product.

Following Projects have been awarded first and second place respectively in the project competition.

Place	Project Title	Name of the students (USN)	Name of Guide
I	Design and Fabrication of single window Automated Ration vending machine for BPL/ APL card holders	Mohammad Sahad (4MT19ME405)	Mr. Madhusudhan
		Mohammed Gouse (4MT19ME406)	
		Snehal Shet (4MT18ME123)	
		Supritha S (4MT19ME407)	
II	Smart and Safety Device For Gas Stove	Muhammed Saad (4MT18ME071)	Mr. Sridhar D R
		Kaif Yusuf (4MT17ME053)	
		Shaikh Mahd. Danyal (4MT17ME129)	
		Mohammed Fazil Ali (4MT18ME061)	



Aveen K P <aveen@mite.ac.in>

Technical Talk-Invitation

2 messages

Head Mech. <hodmec@mite.ac.in>

Wed, Aug 17, 2022 at 1:16 PM

To: Praneet Shetty <shettypraneet99@gmail.com>

Cc: shivaramu H T <shivaramu@mite.ac.in>, Aveen K P <aveen@mite.ac.in>

Mr Praneet ShettyPrototype Engineer- Battery Development
Pravaig Dynamics, Bangalore

We are happy to invite you to present a technical talk on **"EV's & Career Opportunities in EV's"** on 22.8.2022 at MITE for our 4th sem students.

Mr Aveen will be coordinating the program.

Please share your brief profile.

--

Best regards

Dr. Rajashekhar C.R

Vice Principal and Head of Mechanical Engineering Department,

Mangalore Institute of Technology & Engineering,

Badaga Mijar, Moodbidri-574225

Ph: 9008530758

Praneet Shetty <shettypraneet99@gmail.com>

Sun, Aug 21, 2022 at 10:15 PM

To: "Head Mech." <hodmec@mite.ac.in>

Cc: shivaramu H T <shivaramu@mite.ac.in>, Aveen K P <aveen@mite.ac.in>

Hi Sir,

Firstly, thank you so much for the invitation.

Regarding my introduction:

I passed out from MITE in 2019 in Mechanical Engineering.

I Joined Lufthansa Technik, a German Aviation Company where I worked in Supply Chain Operations for 2 years.

Then I joined Pravaig Dynamics as a Prototype Engineer in Battery Development where I'm in charge of Adhesives & Encapsulants R&D along with the Development of iterations of the battery pack from conceptualizing, testing, and setting up the inspection and production process.

Looking forward to the Tech Talk.

Thank you,
Praneet Shetty

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Department of Mechanical Engineering

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Date: 22.08.2022

Report of Two Days Alumni Technothon – MITE (ATM-2022)

1. **Title:** 'EV's & Career Opportunities in EV's'
2. **Resource person name with designation:**



Name: Mr. Praneet Shetty,

Education:

BE: Department of Mechanical Engineering (Alumni Batch 2015-19)

Mangalore Institute of Technology & Engineering

Designation: Prototype Engineer- Battery Development
Pravaig Dynamics, Bangalore

3. **Brief Profile of Resource person:**

Mr. **Praneet Shetty** graduated from the mechanical engg dept at MITE . He has Joined Lufthansa Technik, a German Aviation Company where he worked in Supply Chain Operations for 2 years. Then he joined Pravaig Dynamics as a Prototype Engineer in Battery Development where he is in charge of Adhesives & Encapsulants R&D along with the Development of iterations of the battery pack from conceptualizing, testing, and setting up the inspection and production process.

4. **Brochure:**

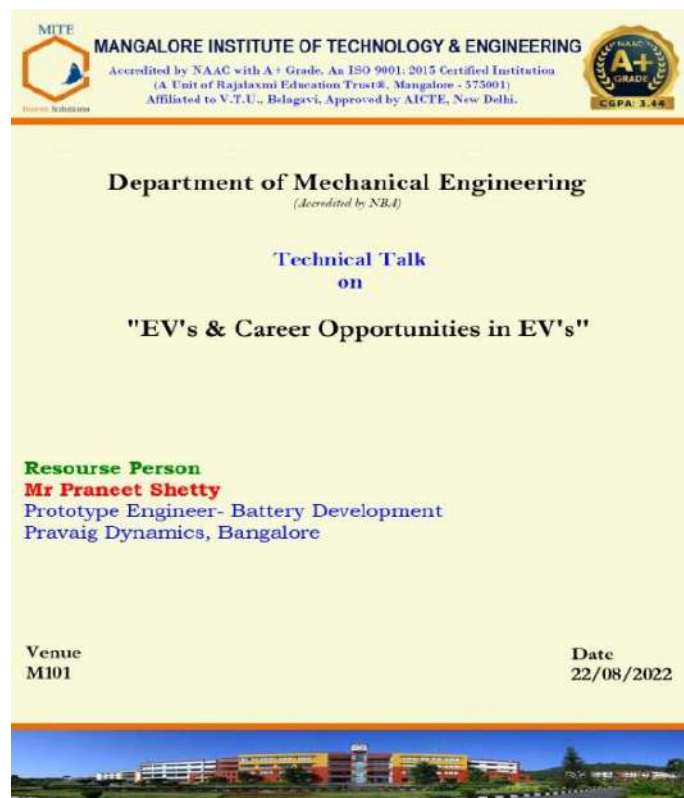


Figure 1 Event Brochure



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5. **Date organized:** 22.08.2022

6. **Duration:** 11.00AM to 12.00PM.

7. **Topics Covered:**

- **EVs : A clean mobility option**
- **Environmental Sustainability**
- **Batteries for EVs**
- **EV charging and the grid**
- **Minimizing thermal hot spot in battery**
- **Vehicle Integration, Connectivity & IoT**

8. **Venue:** M101

9. **Target Audience:** 4ME

10. **Attendance Sheet:** attached

11. **Outcome of the Talk:**

An electric vehicle, also called an EV, uses one or more electric motors or traction motors for propulsion. This program is conceptualized to impart industrial work flow to students that how electric automobile components function, how vehicle is conceptualized, designed and manufactured. This program provides a platform for the students which support their engineering thoughts and give them a pragmatic experience.

12. **Feedback:** Attached

13. **Program Coordinator:** Mr. Aveen K P

14. **Total Number of Students :** 21

15. Program Photos.



Figure 1 Mr. Praneeth Shetty delivering on EV

Mr Praneeth has started session by giving brief self introduction. He highlighted that all-electric vehicles use lithium-ion batteries like these. Energy storage systems, usually batteries, are essential for all-electric vehicles, plug-in hybrid electric vehicles (PHEVs), and hybrid electric vehicles (HEVs).

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Figure 2 Mr. Praneeth Shetty delivering on EV charging and the grid

The Speaker made audience to realize about following content

- EV charging and the grid
- Minimizing thermal hot spot in battery
- Vehicle Integration, Connectivity & IoT

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Figure 3 vote of thanks by Dr.C.R.Rajashekhar

The session concluded with vote of thanks by Dr.C.R.Rajashekhar, Vice Principal & HOD (Mechanical Engineering) Mangalore Institute of Technology & Engineering .



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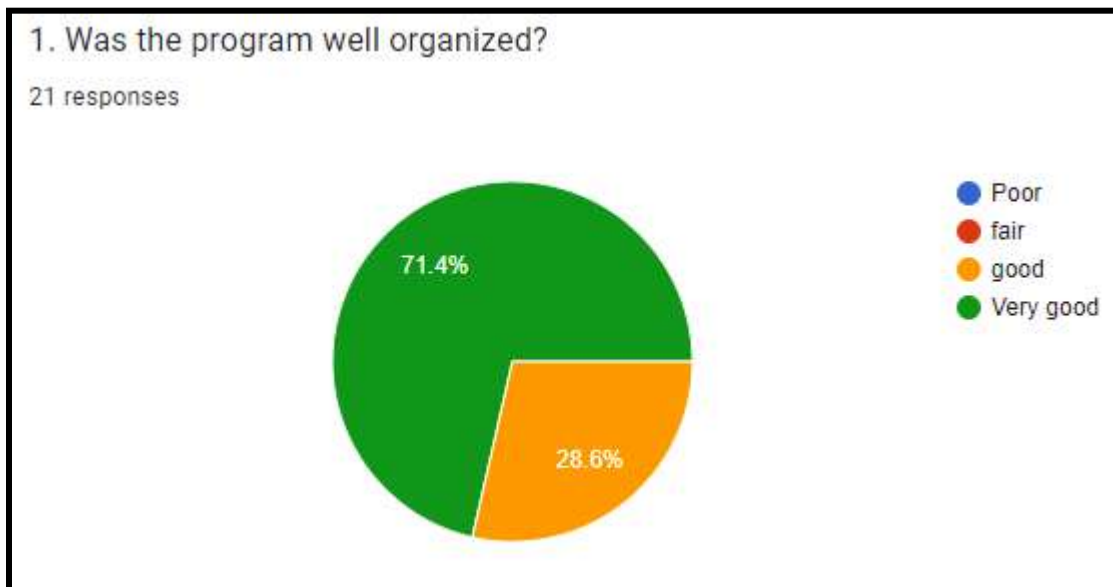
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Feedback

Questionnaires

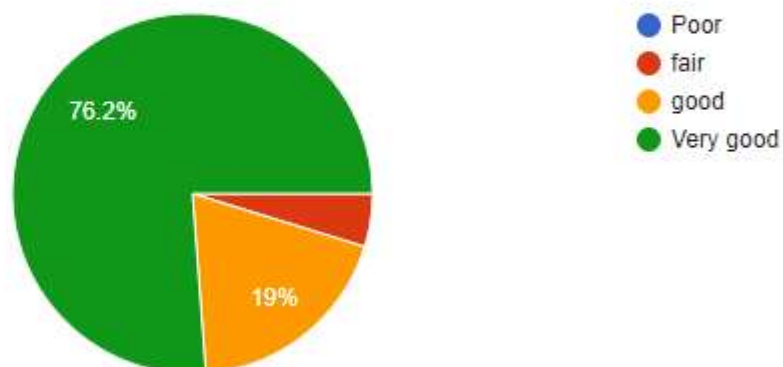
1. Was the program well organized?
2. Was most of the information presented new to you?
3. Were the topics relevant to recent trends?
4. Were the speakers informative, Prepared and understandable?
5. Did you gain insight into the innovative Trends for sustainability?
6. Were the session starting and ending times convenient?
7. Overall, was the alumni program worthwhile?

Feedback from the students of Mechanical for the above questionnaires



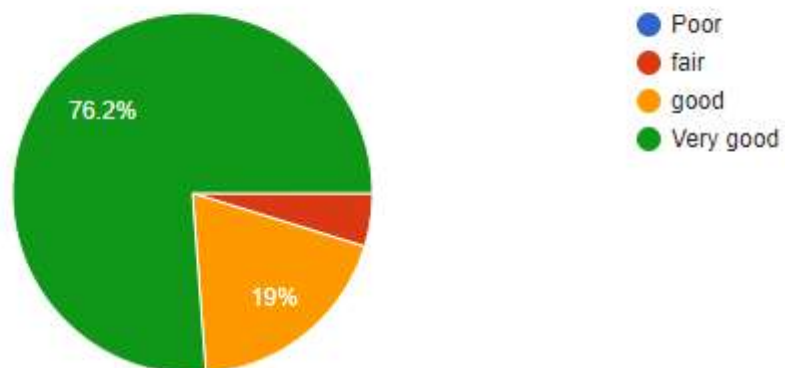
2. Was most of the information presented new to you?

21 responses



3. Were the topics relevant to recent trends?

21 responses



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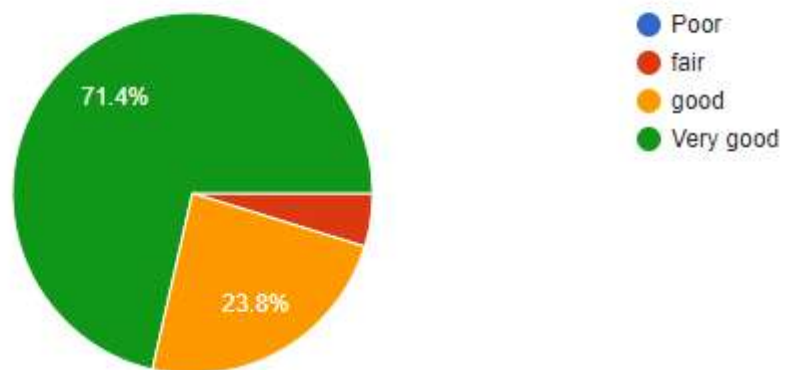
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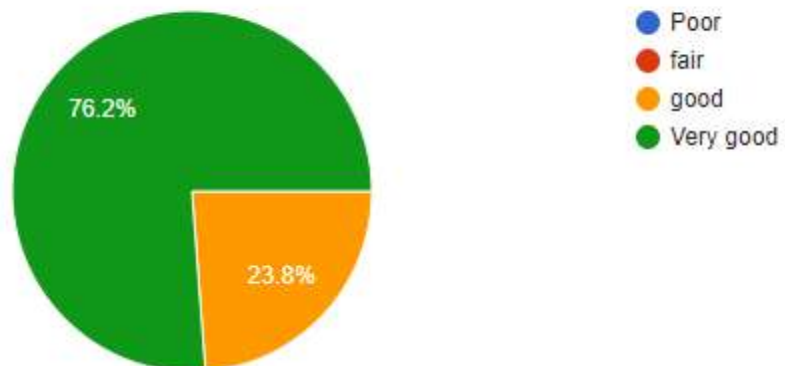
4. Were the speakers informative, Prepared and understandable

21 responses



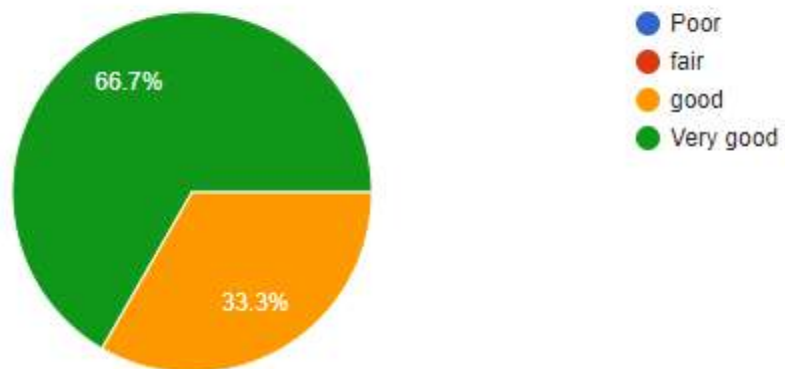
5. Did you gain insight into the innovative Trends for sustainability

21 responses



6. Were the session starting and ending times convenient?

21 responses



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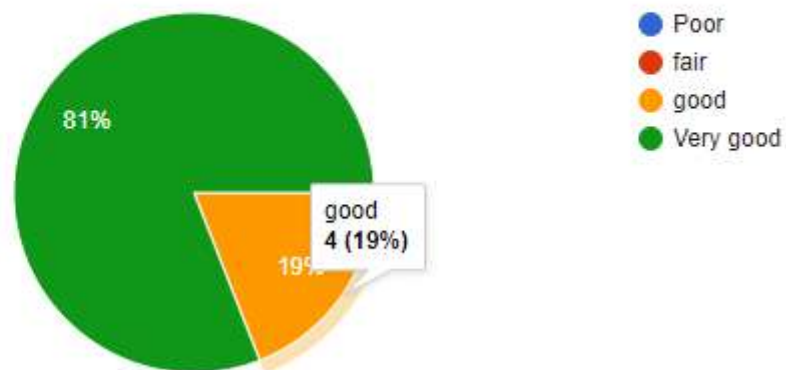
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7. Overall, was the program worthwhile?

21 responses





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Felicitation to the Academic Toppers

The department has been acknowledging every academic year, the efforts put in by the students throughout their academic Endeavour. It gives a sense of achievement and a sense of responsibility towards fulfilling further commitments. During the department activities inauguration program the previous university examination academic toppers were honored by the chief guest Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore.



Mr. Niranjana Kamath (4MT18ME077) - VI Sem. 86.5 %



Mr. Moh. Salman Fakki (4MT18ME066) -VI Sem. 86.5 %



Mr. Girish (4MT18ME037) - VI Sem. 86.5 %



Mr. Merwyn Pinto (4MT18ME037)- IV Sem. 84.9 %



Mr. Manish C Salian (4MT20ME012)
II Sem. 82.5 %



The principal addressed the gathering during the session

The Chief Guest, Department Head, and Principal were congratulated and wished them to maintain consistency and encouraged other students to perform well and give their best in academics.



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Department of Mechanical Engineering

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Date: 17.11.2021

MECHMITE'S INAUGURATION: 2021-22



Lighting the lamp by the Chief Guest Mrs. Veena T Shetty and other dignitaries (17/11/2021)

The event of fresher's welcome fondly known by the students as branch entry was celebrated by MECHMITES on 11th November 2021. The occasion marked the beginning of the professional career of the students entering into their preferred stream. The mechanical department has always maintained standards and benchmarks in celebrating this special event and it was carried out with utmost enthusiasm this year again.

Chief Guest for the event was Mrs. Veena T Shetty, Deputy General Manager (Training), MRPL, Mangalore. She appreciated the department students and faculty members for their achievements in the previous academic year. Chief guest motivated and wished the students to do well in the present academic year and their future professional life. Dr. C R Rajashekhar, HOD of the department wished and highlighted the importance of IoT, AI & ML, Automation, New trends in Mechanical Engineering to be more competitive and industry-ready. Principal Dr. GL Easwara Prasad highlighted the awards received by the department and encouraged students to carry out innovative projects which are useful for society and advised everyone to choose the field of interest and work with dedication to get a satisfactory result.



Technomech- News Bulletin Vol. 12 released by the Chief Guest Mrs. Veena T Shetty (17/11/2021)

Mr. Akshay A, President-MECHMITES delivered the welcome speech, annual report of the year 2020-21 was given by Prof. Shivaramu H T, Staff- Mechmites Coordinator, Mr. Razaan Rafique Kukkadi, Cultural Coordinator-MECHMITES, was introduced the chief guest to the audience, Mr. Vikith Hegde, Secretary-MECHMITES gave the vote of thanks and Mr. Niranjana Kamath, student of IV year was the master of ceremony.



MECHMITES Association Members 2021-22 with Dignitaries

Heads of the various departments, Deans of different sections, Teaching & Technical Staffs and Students of the Mechanical Engineering Department have witnessed the session.

Venue: PG Block -Audi 4

Date: 11th Novmber 2021

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DEPARTMENT OF MECHANICAL ENGINEERING
(ACCREDITED BY NBA)



We cordially invite you to the inaugural function of

MECHMITES ACTIVITIES 2021-22

&

Shalom

(Fresher's welcome)

On 17th November at 9:30 am
AUDI-4 PG BLOCK

CHIEF GUEST

Mrs. Veena T shetty

Deputy General Manager
MRPL, MANGALORE

PRESIDED BY

DR. G L EASWARA PRASAD

Principal

Dr. C R Rajashekhar

Head of Department
Dept. of Mechanical
Engineering

Prof. Shivramu H T

Coordinator
MECHMITES

Mr. Akshay A

President
MECHMITES

Staff & Students
Department of Mechanical Engineering



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DEPARTMENT OF MECHANICAL ENGINEERING

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Date: 08/04/2022

Report of Three-day FDP on “Introduction to ROBCAD”

1. **Title:** Three-day Faculty Development Programme on “Introduction to ROBCAD”

2. **Resource person Name & Details:**

Resource Person	Designation and Address
Mr. Vikranth Kannanth M S	Sr. Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225
Mr. Santhosh Acharya	Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225
Mr. Shivramu H T	Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225
Mrs. Mamatha K M	Sr. Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225
Dr. Vignesh Nayak Ullal	Sr. Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225
Mr. Madhusudhan	Assistant Professor Department of Mechanical Engineering, MITE, Moodabidri -574225

3. **Date organized:**

05th to 07th April 2022

4. **Duration:**

Morning Session (10.00am –12.05pm) and

Afternoon Session (02.00pm – 4.00pm)

5. **Programme Schedule:**

Date	Session	Topic	Resource Person
05/04/2022	10.00am – 12.05pm	Introduction to Robcad	Mr. Vikranth Kannanth M S
	02.00pm – 4.00pm	Workcell Layout	Mr. Santhosh Acharya
06/04/2022	10.00am – 12.05pm	Modelling and Kinematics	Mr. Shivramu H T



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	02.00pm – 4.00pm	Processing	Mrs. Mamatha K M
07/04/2022	10.00am – 12.05pm	Basic Simulation Techniques	Dr. Vignesh Nayak Ullal
	02.00pm – 4.00pm	Other Selected Topics	Mr. Madhusudhan

6. Topics Covered:

- Introduction to Robcad
- Workcell Layout
- Modelling and Kinematics
- Processing
- Basic Simulation Techniques
- Other Selected Topics

7. Venue:

PG Block (Siemens Lab-2)

8. Target Audience:

Faculty of Mechanical Engineering and Allied branches

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9. Attendance Sheet:



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Three-day Faculty Development Programme on Introduction to ROBCAD (05th to 07th April 2022)

ATTENDANCE SHEET

Sl. No.	Name	Designation	Department	05-04-2022		06-04-2022		07-04-2022	
				Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session
1	Ajith Kumar	Sr. Asst. Prof.	DE	3	2	3	2	3	2
2	G. Ezhil Maran	Sr. Asst. Prof.	AE	Shi	Shi	Shi	Shi	Shi	Shi
3	Dr. Mohan Kumar	Assoc. Prof.	ME	Myat	Myat	Myat	Myat	Myat	Myat
4	SRIDHAR. D.R	Asst. prof	ME	coll	coll	coll	coll	coll	coll
5	Dr. Neelakantha -V.L	Professor	ME	Shan	Shan	Shan	Shan	Shan	Shan
6	Dr. Shashikant	Asst. prof	ME	Shan	Shan	Shan	Shan	Shan	Shan
7	Dr. Shreekant Patil	Asst. Prof.	AE	Shan	Shan	Shan	Shan	Shan	Shan
8	Akhila Rupesh	Asst. Prof.	AE	Shi	Shi	Shi	Shi	Shi	Shi
9	Aarti Tasunkumar Patel	Asst. Prof.	AE	Shi	Shi	Shi	Shi	Shi	Shi
10	Abhishek TK	-1-	AE	Shi	Shi	Shi	Shi	Shi	Shi
11	Santhosh Acharya	Asst. Prof.	ME	Shi	Shi	Shi	Shi	Shi	Shi
12	Vivranth kumar	Sr. Asst. Prof.	ME	Shi	Shi	Shi	Shi	Shi	Shi
13	Chennakeshava.R	Sr. Asst. Prof.	ME	Shi	Shi	Shi	Shi	Shi	Shi
14	Chavana	Asst. Prof.	MT	Shi	Shi	Shi	Shi	Shi	Shi
15	Kiran Kumar M.V	Sr. Asst. Prof.	MTR	Shi	Shi	Shi	Shi	Shi	Shi
16	Rajeshwari	Sr. Asst. Prof.	MTR	Shi	Shi	Shi	Shi	Shi	Shi
17	Shivaramu H.T	Sr. Asst. Prof.	ME	Shi	Shi	Shi	Shi	Shi	Shi
18	Dr. Vignesh Nayak Udal	Sr. Asst. Prof.	ME	Shi	Shi	Shi	Shi	Shi	Shi

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Three-day Faculty Development Programme on Introduction to ROBCAD (05th to 07th April 2022)

ATTENDANCE SHEET

Sl. No.	Name	Designation	Department	05-04-2022		06-04-2022		07-04-2022	
				Morning Session	Afternoon Session	Morning Session	Afternoon Session	Morning Session	Afternoon Session
19	Krishnashankar R.	Asst. Prof	Mechanical	✓	✓	✓	✓	✓	✓
20	Vishwanath K R	Asst. Prof	Aeronautical	✓	✓	✓	✓	✓	✓
21	Sujesh Kumar	Asst. Prof	Aeronautical	✓	✓	✓	✓	✓	✓
22	Mamatha K. M	Asst. Prof	Mechanical	✓	✓	✓	✓	✓	✓
23	SARAOOP	Asst. Prof	Mechanical	✓	✓	✓	✓	✓	✓
24	Alveen K P.	Asst. Prof	Mechanical	✓	✓	✓	✓	✓	✓

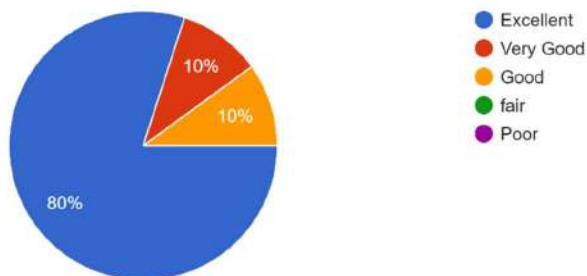
10. Outcome of the Talk:

Participants got exposed to knowledge of the syntax and command options available in Robcad software, various relations and arrangement of components in a Workcell, to model and assemble components in Robcad, visualize the kinematics involved in the operation of the assembled components.

11. Feedback from the participants:

Was the training material and content helpful to you?

20 responses



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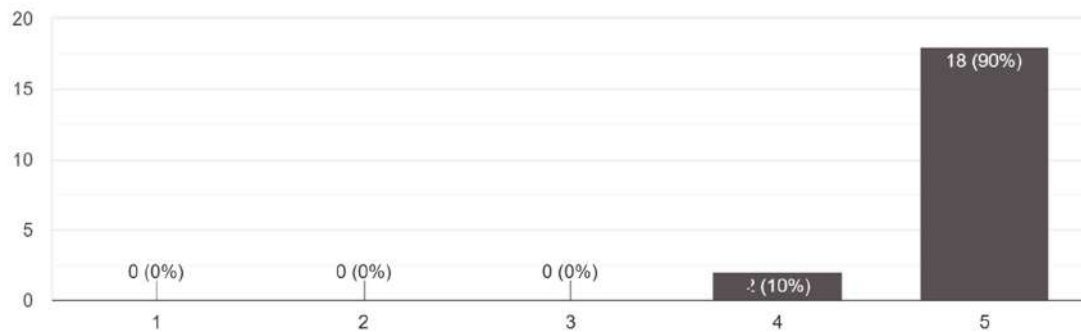
Was the training program interactive and engaging?

20 responses



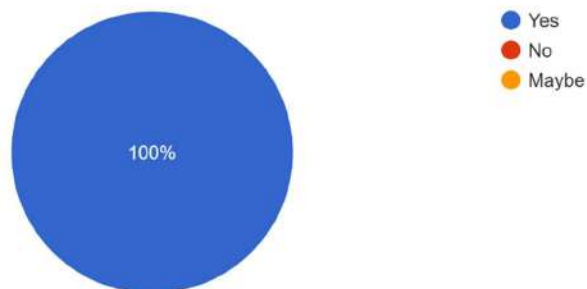
How would you rate the quality of this training session?

20 responses



Were you able to get all of your questions answered during the training?

20 responses



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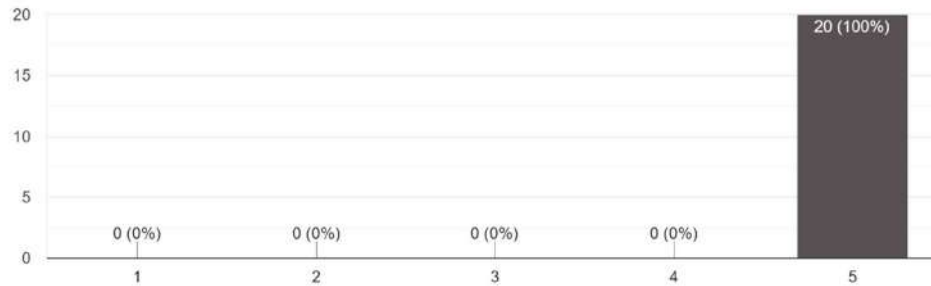
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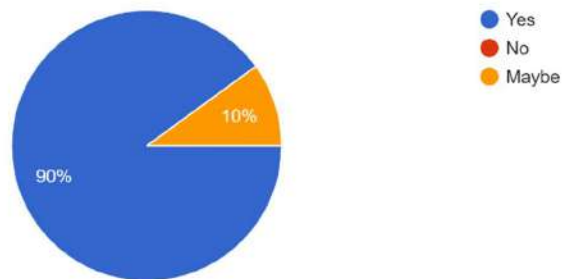
How would you rate the teaching quality of the instructor?

20 responses



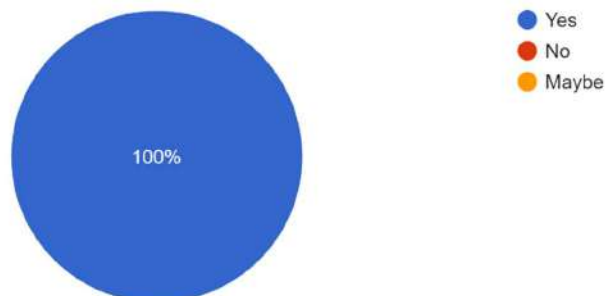
Do you feel you were given enough time and resources to complete the training?

20 responses



Did the training meet your expectations?

20 responses





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Do you have any suggestions that can help us improve the training program?

20 responses

No

-

Nil

Na

Increase the hours of training

Nothing

Need more practicing hours.

Nil

NO

.

No suggestions

No

Do you feel competent and confident at the end of the training program? Please share any concerns or knowledge gaps.

20 responses

Yes

yes

Yes

-

Good experience

It was knowledge sharing and I can transfer the same to students with proper practice.

Nothing

Thank you for the training. More examples may included.

Nil

12. Program Coordinator:

Mr. Santhosh Acharya,

Assistant professor,

Department of Mechanical Engineering,

MITE, Moodabidri



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13. Program Photos.



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Organizing

Three-day Faculty Development Programme on

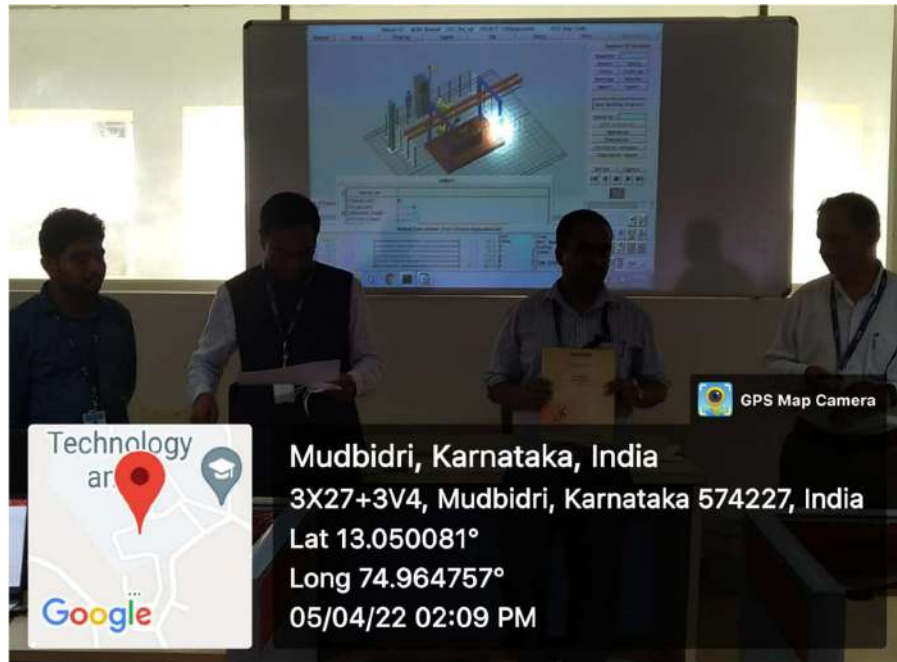
“Introduction to ROBCAD”

Date: 05th to 07th April 2022

Time: 10.00am – 12.05pm and 02.00pm – 4.00pm

Registration Link :

<https://forms.gle/WMzxZfK7PXgunp88>



Principal Inaugurating the FDP

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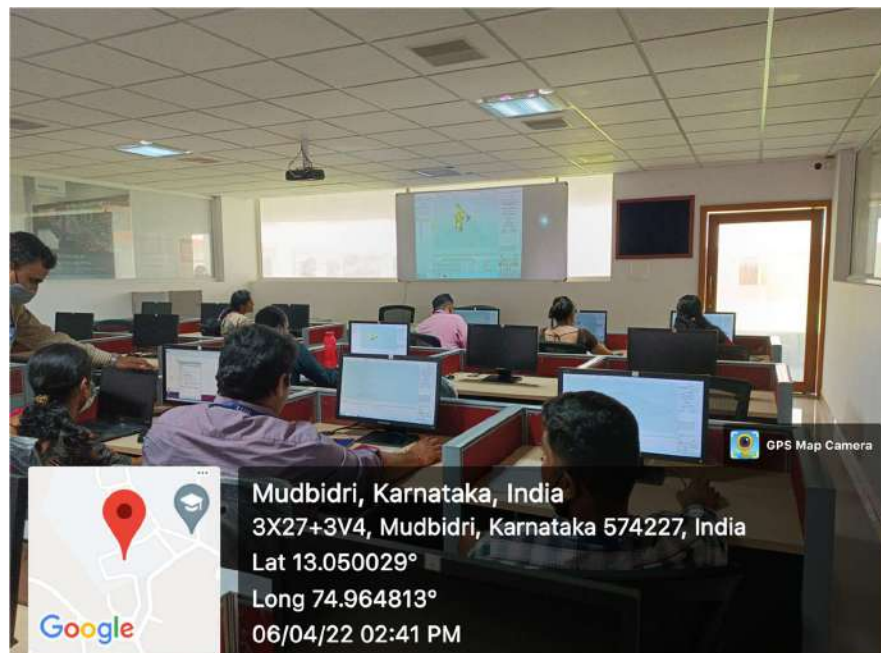
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Training Session



Training Session

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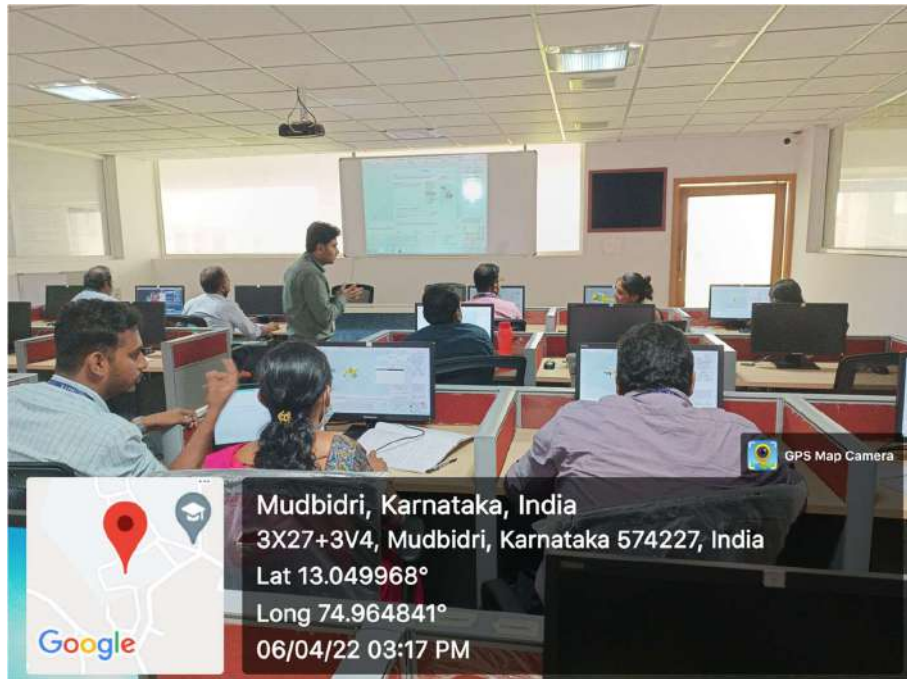
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Training Session



Training Session

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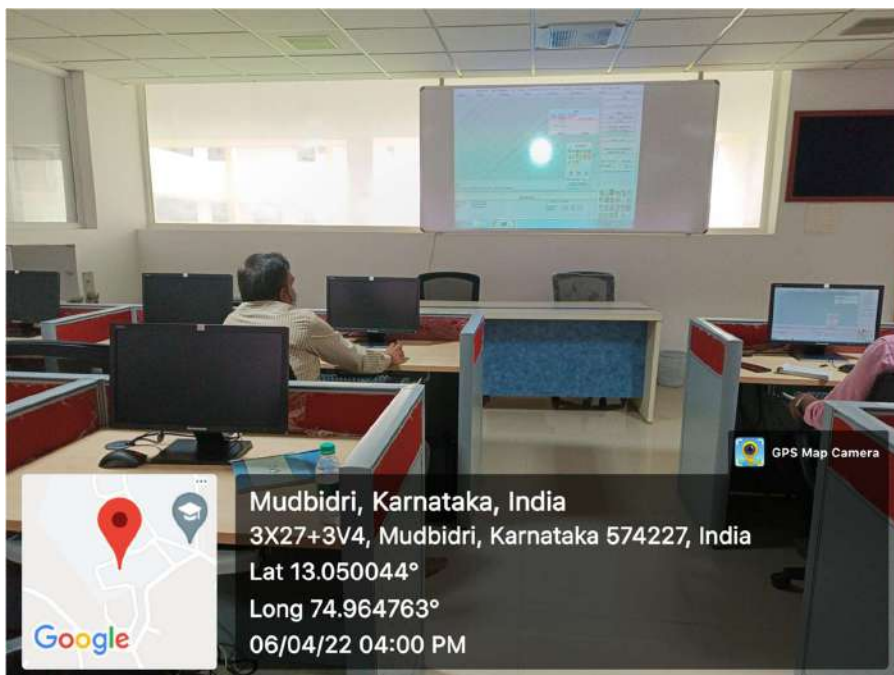
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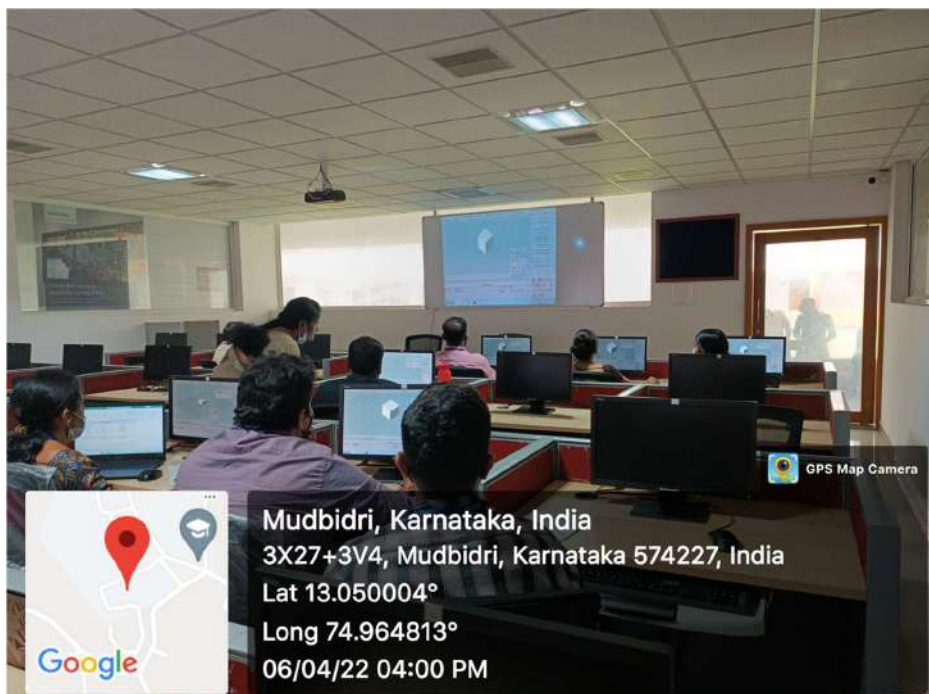
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Training Session



Training Session

MANGALORE INSTITUTE OF TECHNOLOGY & ENGINEERING

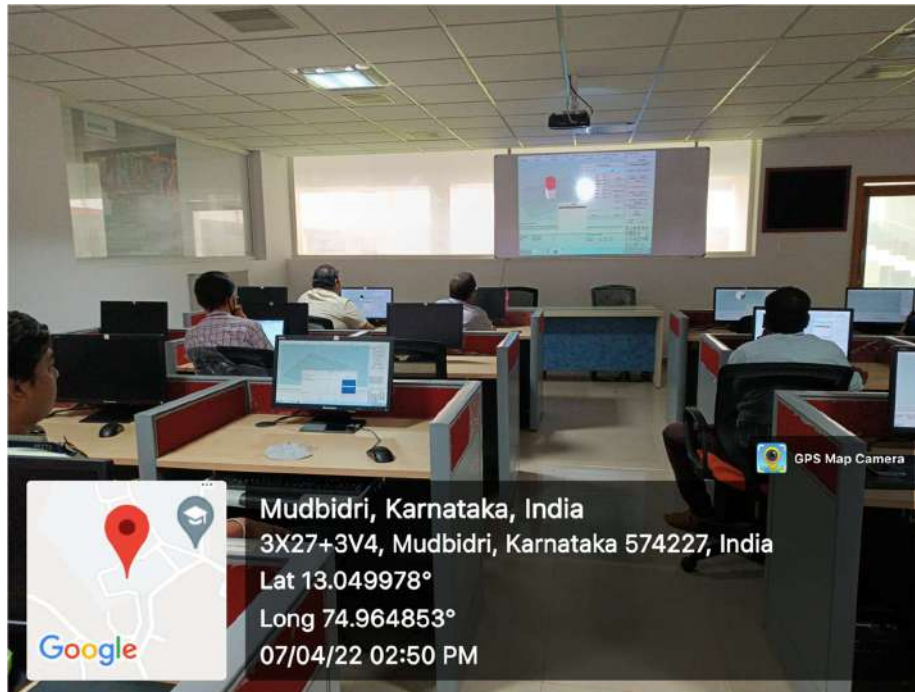
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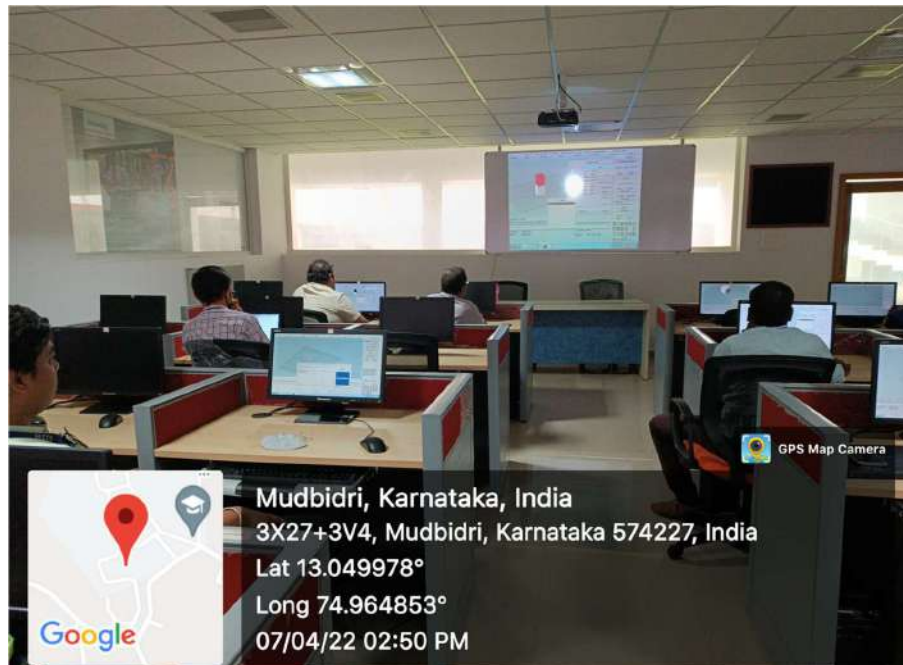
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Training Session



Training Session



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Department of Mechanical Engineering

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Certificate of Participation

This is to certify that Mr. Abhishek T K has participated in Three-day Faculty Development Programme on

"Introduction to ROBCAD"

From 5th to 7th of April-2022, organized by Department of Mechanical Engineering, Mangalore Institute of Technology & Engineering, Moodabidri

Dr. C R Rajashekhar,
HoD-Mechanical & Vice Principal

Dr. M S Ganesha Prasad,
Principal

Participation Certificate



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Certificate of Participation

This is to certify that Mrs. Akhila Rupesh has participated in Three-day Faculty Development Programme on

"Introduction to ROBCAD"

From 5th to 7th of April-2022, organized by Department of Mechanical Engineering, Mangalore Institute of Technology & Engineering, Moodabidri

Dr. C R Rajashekhar,
HoD-Mechanical & Vice Principal

Dr. M S Ganesha Prasad,
Principal

Participation Certificate



Head Mech. <hodmec@mite.ac.in>

One Day FDP on "Cloud-based 3D CAD, CAM, and CAE platform for product development" - AUTODESK FUSION 360

4 messages

Head Mech. <hodmec@mite.ac.in>
To: askabbur@medini.in
Cc: Aveen K P <aveen@mite.ac.in>

Tue, Aug 23, 2022 at 4:06 PM

Dear Abhinandan Kabbur
Director | Head - Product Design & Manufacturing.

Greetings from Mangalore Institute of Technology & Engineering

The department of Mechanical Engineering is planning to organize a one day FDP on "Cloud-based 3D CAD, CAM, and CAE platform for product development" on 29.8.2022. In this regard We invite you to deliver the sessions on the same. The target audience for the session will be the faculties from Mechanical, Mechatronics & Aeronautical engineering.

Please share your brief profile.

Mr Aveen(8660133029) will be coordinating the program.

--

Best regards
Dr. Rajashekhar C.R
Vice Principal and Head of Mechanical Engineering Department,
Mangalore Institute of Technology & Engineering,
Badaga Mijar, Moodbidri-574225
Ph: 9008530758

ABHINANDAN S KABBUR <askabbur@medini.in>
To: "Head Mech." <hodmec@mite.ac.in>

Wed, Aug 24, 2022 at 12:14 PM

Dear Sir...

Thanks for the Invitation and I am Happy to be part of the FDP on 29/08/2022.

Further, I am attaching my profile for your reference.

[Quoted text hidden]

[Quoted text hidden]

Please do not print this email unless it is necessary. Every unprinted email helps the environment.

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Tel: 08258 262695/96/97 Email: info@mite.ac.in



Abhi_Resume Updated April 2022 edited.pdf

112K



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Department of Mechanical Engineering

(Accredited by NBA)

Date: 29.08.2022

Report on one Day FDP at MITE

1. **Title:** "Cloud-based 3D CAD, CAM, and CAE platform for product development"
2. **Resource person name with designation:**



Name: Abhinandan Kabbur

Designation: Director | Head - Product Design & Manufacturing.

Medini Technologies, Bangalore

3. **Brief Profile of Resource person:**

Mr abhinandan is a Certified Professional & Certified Instructor in Autodesk Product as AutoCAD & Fusion 360. He is also a Industry and Professional Trainer for Creo, Solid Edge, Solidworks & ANSYS. He is Associated with Medini Technologies since 2015, signed MoU with institute for connecting industry and academia to forge the future of next generation. Presently on role of Director & Head for Product Design & Manufacturing. He has 13+ Years of experience at VTU affiliated Engineering colleges with industry expertisation and one year of experience at Shivaji University Kholapur Affiliated Engineering College.

Brochure:

MITE
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Department of Mechanical Engineering
(Accredited by NBA)

One day FDP
on

"Cloud-Based 3D CAD, CAM, & CAE
Platform for Product Development"

Resource Person
Mr. Abhinandan Kabbur
Director | Head - Product Design & Manufacturing,
MEDINI Technologies,
Bengaluru, Karnataka, INDIA.

Venue
PG Block-CAAD Lab

Date
29/08/2022

Figure 1 Event Brochure



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4. **Date organized:** 29.08.2022

5. **Duration:** 10.00AM to 4.00PM.

6. **Topics Covered:**

- **Model:** Create solids with hard edges and flat faces
- **Sheet Metal:** Create folded and flat sheet metal components
- **Render:** Set up the environment and create photo-realistic renderings
- **Animation:** Create exploded views, use for assembly instructions
- **Simulation:** Run an analysis on a component or assembly
- **CAM:** Create and simulate tool-paths then generate G code for subtractive manufacturing
- **Drawing:** Create 2D views of a component or assembly

7. **Venue:** CAAD Laboratory

8. **Target Audience:** Faculties from Mechanical, Mechatronics & Aeronautical engineering.

9. **Attendance Sheet:** attached

10. **Outcome of the Talk:**

Fusion 360 is cutting-edge 3D design software that performs CAD, CAM, and CAE for product development. It has a cloud storage feature that facilitates access to team members who are geographically spread across the globe. It combines industrial and mechanical design, simulation, collaboration, and machining into a single package. The tools in Fusion 360 enable fast and easy exploration of design ideas with an integrated concept to production toolset.

11. **Feedback:** Attached

12. **Program Coordinator:** Mr. Aveen K P

13. **Total Number of Students :** 18

14. Program Photos.

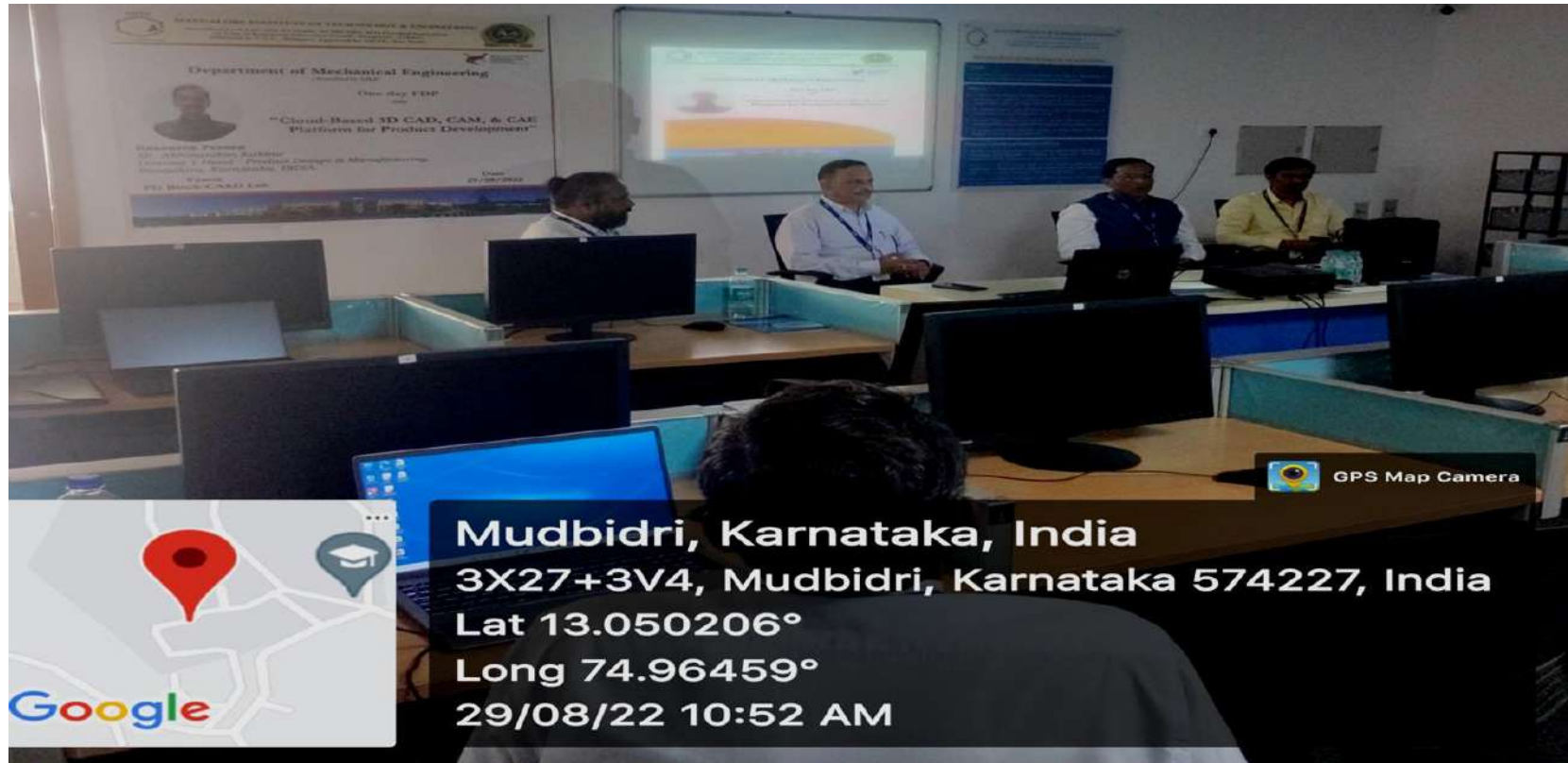


Figure 1 Inaugural function

Mr Abhinandan, Executive Director, Head of Product Design & Development at Medini served as the resource person for the FDP. Dr Ganesh M Prasad, Principal, MITE, graced the event and delivered a brief introduction and relevance of the programme. Mr Aveen K P, Senior Assistant Professor, Mechanical Engineering Department Coordinated the sessions. The faculty members from the Departments of Mechanical, Aeronautical and Mechatronics Engineering participated in the programme.

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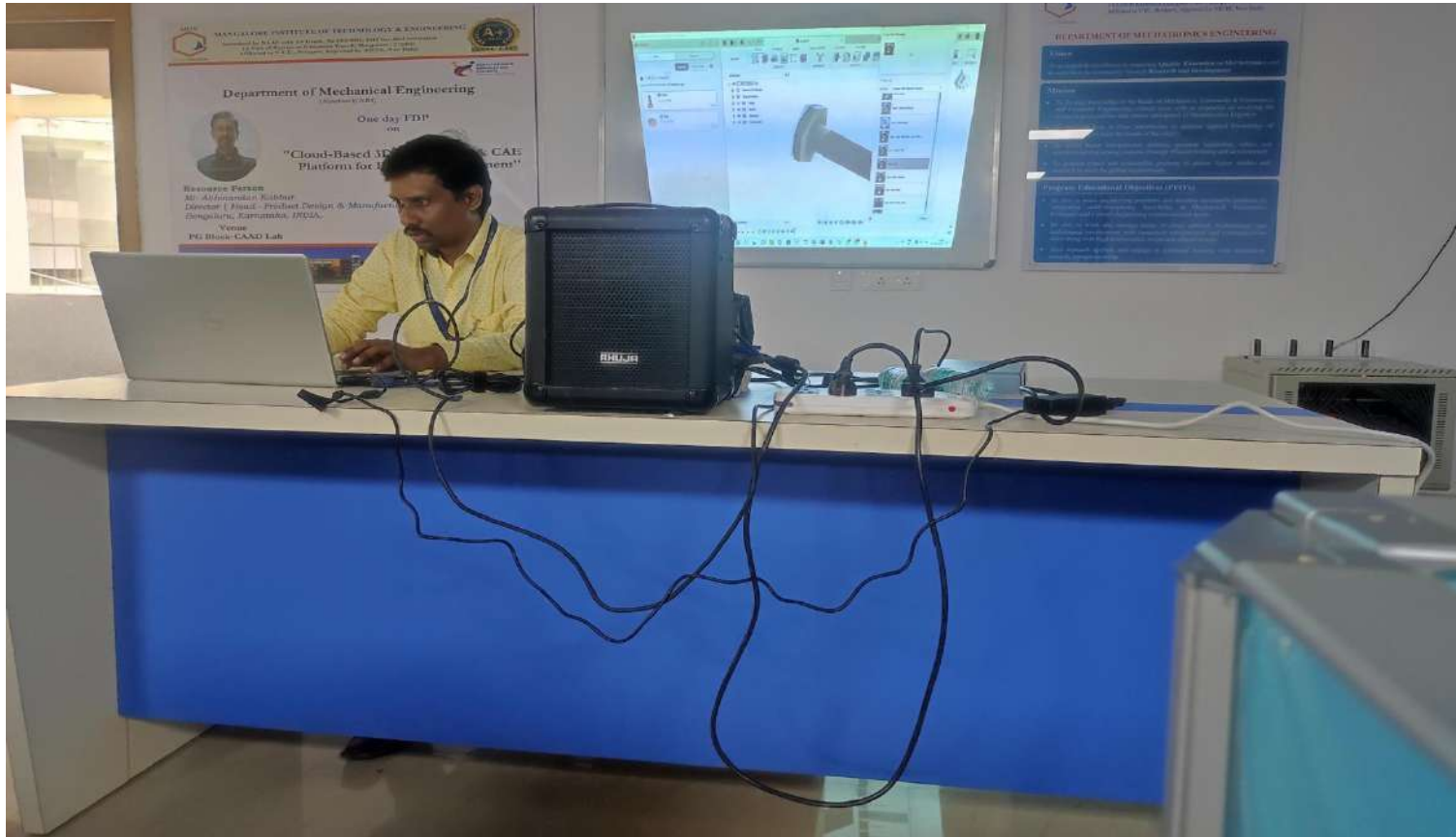


Figure 2 Mr abhinandan explaining the concept of Rendering.

The FDP was aimed at strengthening and expanding the faculty members' expertise in the Autodesk software so that they could provide meaningful support to their students. The session covered the various modules of software with hands-on training which enabled participants to create 3D models of parts and assemble them in Autodesk Fusion 360. Autodesk also provided Autodesk Course Certificate to the successful candidates.

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Figure 3 Hands on session on Fusion 360

The Participants practiced the Assembly of Nut & Bolt in Fusion 360. Fusion 360 is a commercial computer-aided design, computer-aided manufacturing, computer-aided engineering and printed circuit board design software application, developed by Autodesk.



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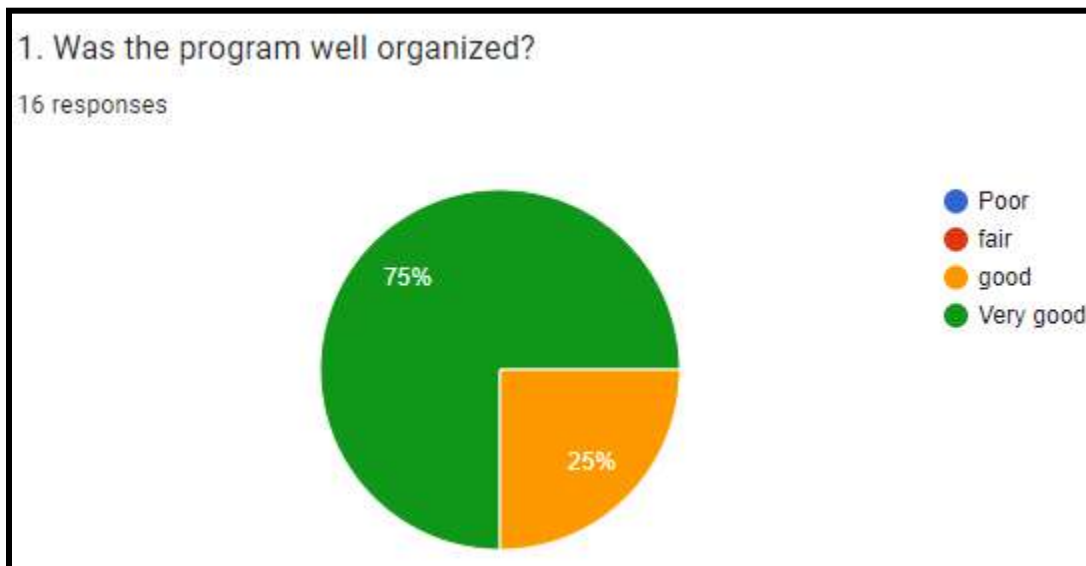
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Feedback

Questionnaires

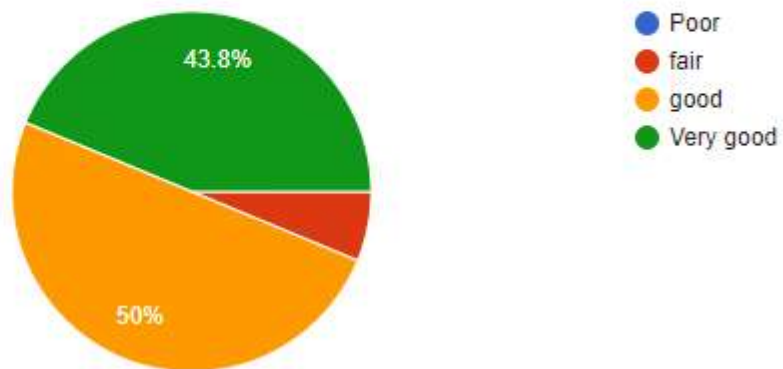
1. Was the program well organized?
2. Was most of the information presented new to you?
3. Were the topics relevant to recent trends?
4. Were the speakers informative, Prepared and understandable?
5. Did you gain insight into the innovative Trends for sustainability?
6. Were the session starting and ending times convenient?
7. Overall, was the alumni program worthwhile?

Feedback from the students of Mechanical for the above questionnaires



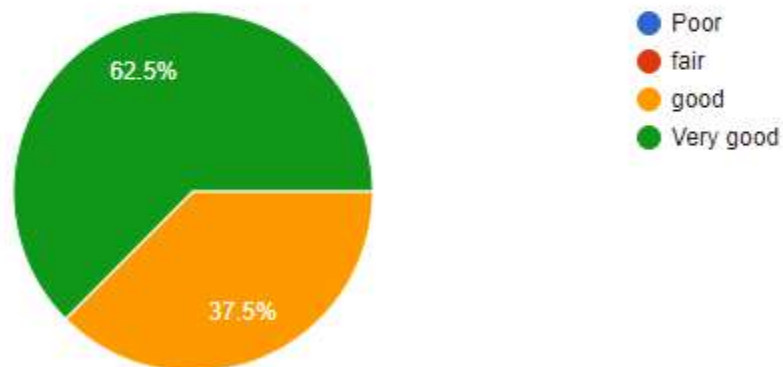
2. Was most of the information presented new to you?

16 responses



3. Were the topics relevant to recent trends?

16 responses



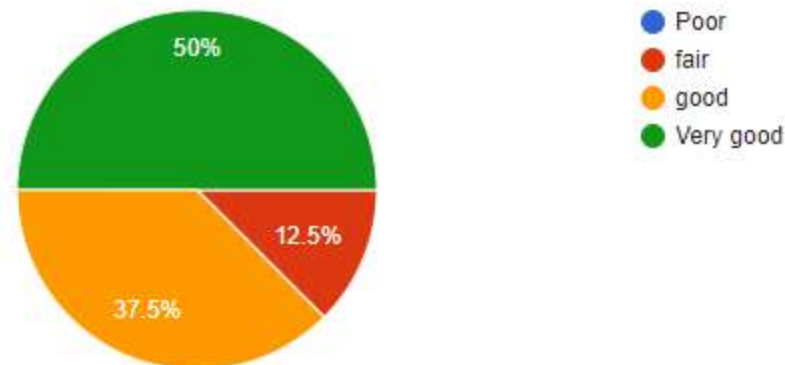
4. Were the speakers informative, Prepared and understandable

16 responses



5. Did you gain insight into the innovative Trends for sustainability

16 responses



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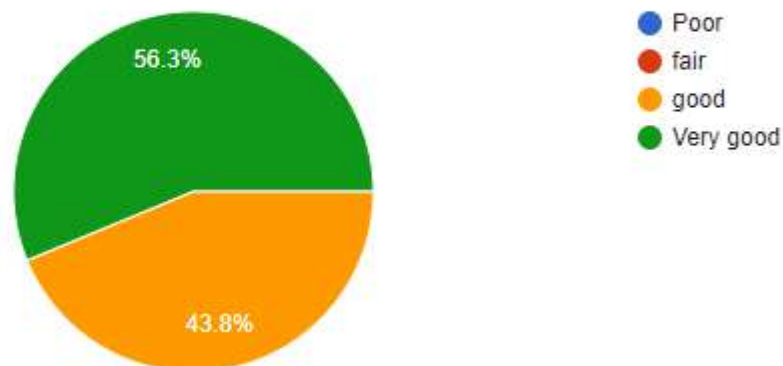
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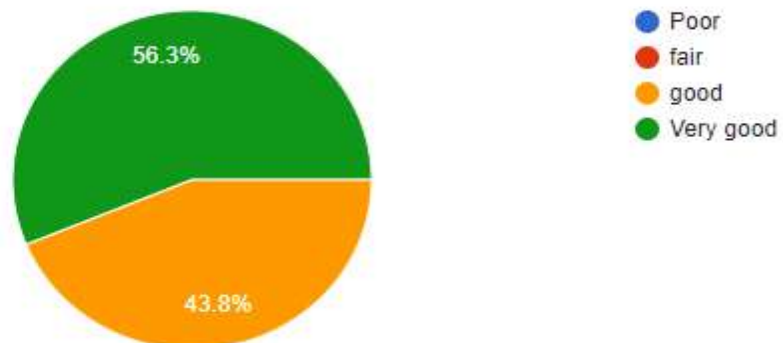
6. Were the session starting and ending times convenient?

16 responses



7. Overall, was the program worthwhile?

16 responses





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Timestamp	ID	Name	Dept	Designation	1	2	3	4	5	6	7
8/29/2022 16:37:17	MEC748	Dr. Shivaramu H T	Mechanical Engineering	Senior Assistant professor	Very good	Very good	Very good	Very good	Very good	Very good	Very good
8/29/2022 16:37:35	MEC767	SWAROOP	Mechanical Engineering	Assistant Professor	Very good	good	Very good	good	good	good	good
8/29/2022 16:37:50	MEC498	Aveen K P	Mechanical Engineering	Senior Assistant professor	Very good	good	Very good	good	good	Very good	good
8/29/2022 16:38:18	MEC753	Dr. Vignesh Nayak Ullal	Mechanical Engineering	Sr. Asst. Prof.	good	good	good	good	good	good	good
8/29/2022 16:40:37	MEC829	SANTHOSH ACHARYA	Mechanical Engineering	Assistant Professor	good	good	good	good	fair	good	good
8/29/2022 16:41:01	MEC390	Dr.Neelakantha V Londe	Mechanical Engineering	Professor	Very good	good	Very good	Very good	Very good	Very good	Very good
8/29/2022 16:46:02	MTR839	RAJESHWARI	Mechatronics Engineering	Senior Assistant Professor	Very good	Very good	Very good	Very good	Very good	Very good	Very good
8/29/2022 16:49:08	MTR410	KIRANKUMA M V	Mechatronics Engineering	SENIOR ASSISTANT PROFESSOR	Very good	Very good	Very good	Very good	Very good	Very good	Very good
8/29/2022 17:27:44	MEC889	Dr. Kalinga T	Mechanical Engineering	Sr. Assistant Professor	Very good	good	good	good	good	good	good
8/29/2022 18:16:55	MEC893	Sachin Shivaji Jadhav	Mechanical Engineering	Senior Assistant Professor	Very good	Very good	Very good	Very good	good	good	Very good



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