



JAIPUR ENGINEERING COLLEGE
AND RESEARCH CENTRE

DEPARTMENT OF MECHANICAL ENGINEERING
ADD-ON COURSE REPORT

DATE: 30.05.2022 to 04.06.2022

Instructor: Sh. Nimesh Baba

Affiliation: Founder and CEO, Baba Automobile Pvt Ltd

Topic: Hybrid and Advanced Electric Vehicles

A one weekcourse on Hybrid and Advanced Electric Vehicles was organized by the Department of Mechanical Engineering, Jaipur Engineering College and Research Centre, Jaipur for the students of mechanical engineering from 30.05.2022 to 04.06.2022. Mr. Shrikant Bansal (Assistant Professor) was the faculty coordinator of this workshop.

Mr. Shrikant Bansal of mechanical engineering department welcomed the resource person and participants. He introduced the speaker Mr. Nimesh Baba with the participants in inauguration. Dr. M.P. Singh (HoD, ME) graced the event with other faculty members.

The workshop was focused on various aspects related with hybrid and advanced electric vehicles.

- Hybrid electric vehicles
- Advances in electric vehicles
- Ongoing R&D in the field EV
- Developments of EV batteries

The speaker was very interactive with the fellows attending the workshop and gave detailed information about the hybrid and advanced electric vehicles and mechanisms related to it. The contents delivered by the trainer are as follow:

- Working of hybrid electric vehicles
- Battery electric vehicles v/s hybrid electric vehicles
- Advances in the field of electric vehicles
- Current research and developments in the field of electric vehicles

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- Advancement in battery power capacity of EV.
- Future scope of EV

The trainer was very informative and provided all the latest information and concepts related with hybrid and advanced electric vehicles.

- ❖ There were query sessions for students to ask their doubt about the EV.
- ❖ There are more than 45 participants, who got benefitted.
- ❖ After successful completion students were awarded certificates.

Conclusion:

Ongoing research in automobile sector is broadly focuses the advancements in electric vehicle. It will greatly increase the EV market. Our students should be aware with the R&D in the field electric vehicle. So this workshop was organized to meet the gap between industry and academia knowledge. Outcomes of the workshop are:

- Prepare the students for skilled mind set
- Inculcating research aptitude in participants.
- Holistic development of students
- Providing those things which a industry demand
- Value added course to student

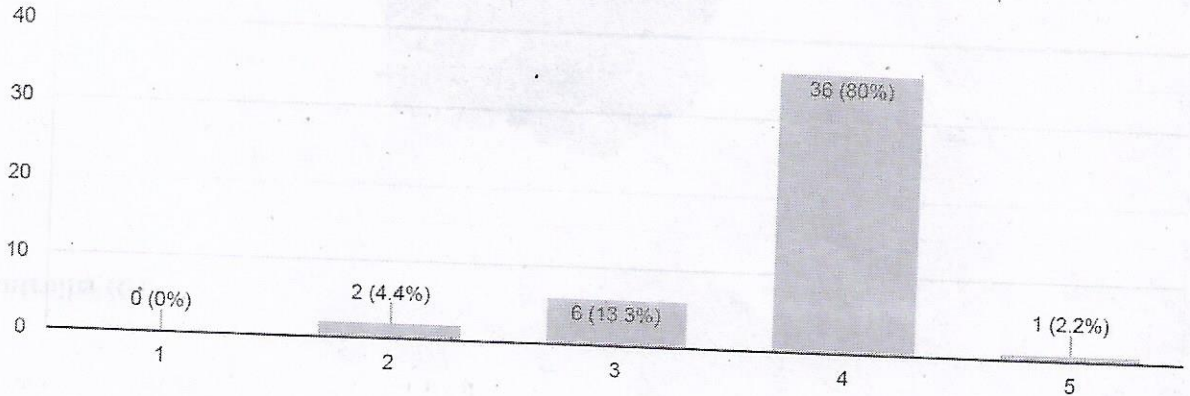
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FEEDBACK

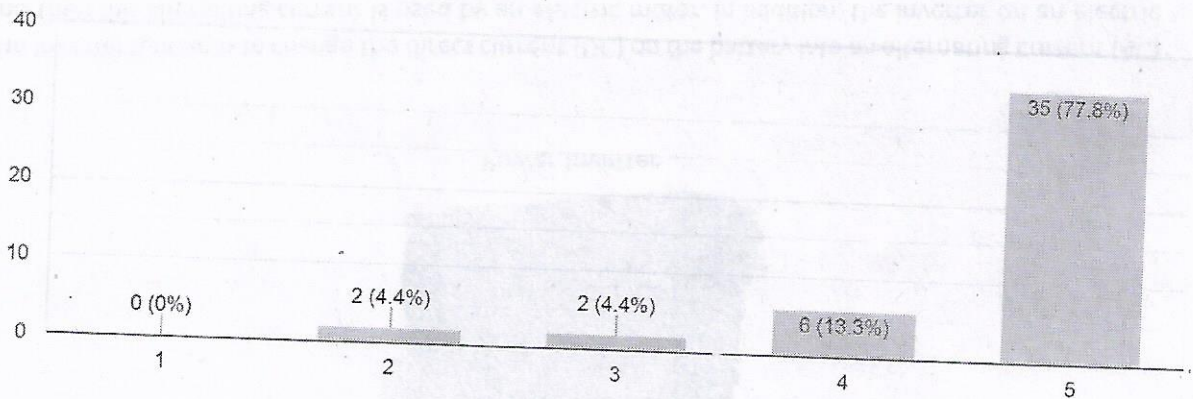
1. Relevance of content discussed by the speaker

45 responses



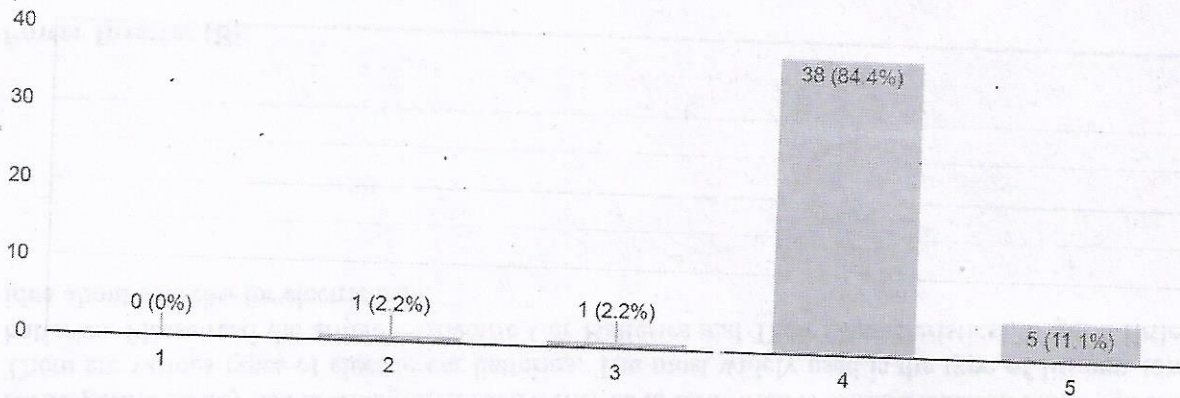
2. Usefulness of the lectures with respect to knowledge and information


45 responses



3. Explanation of the topics with relevant examples

45 responses

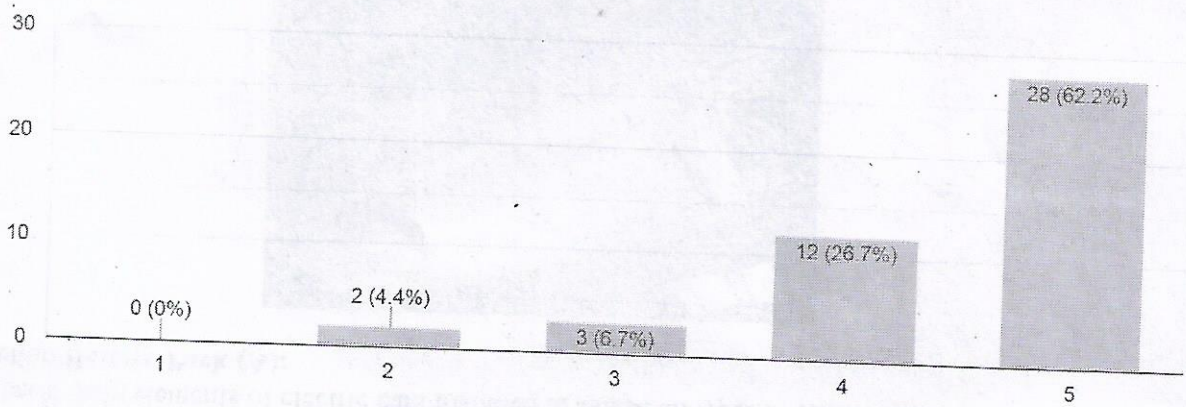



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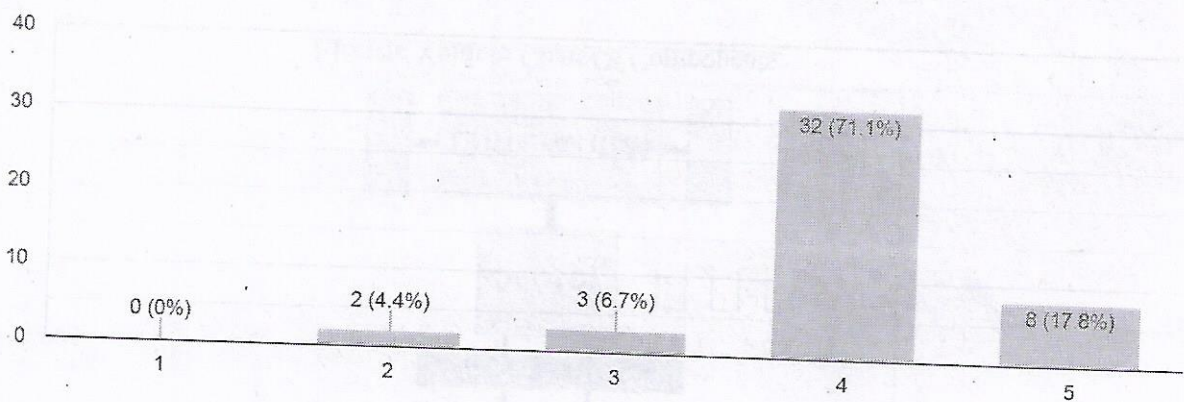
4. To what extent did you learn valuable from the this course

45 responses



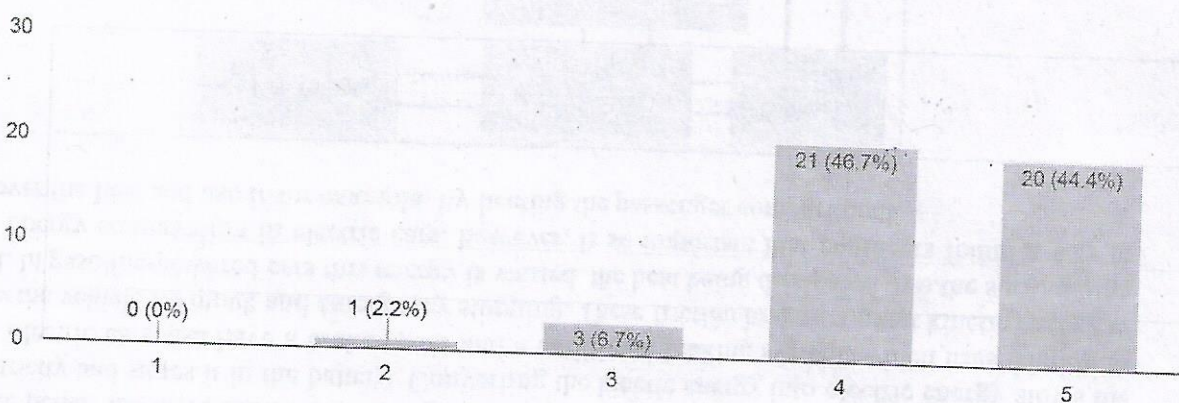
5. To what extent course challenged you intellectually

45 responses



6. To what extent speaker encouraged participation in class

45 responses

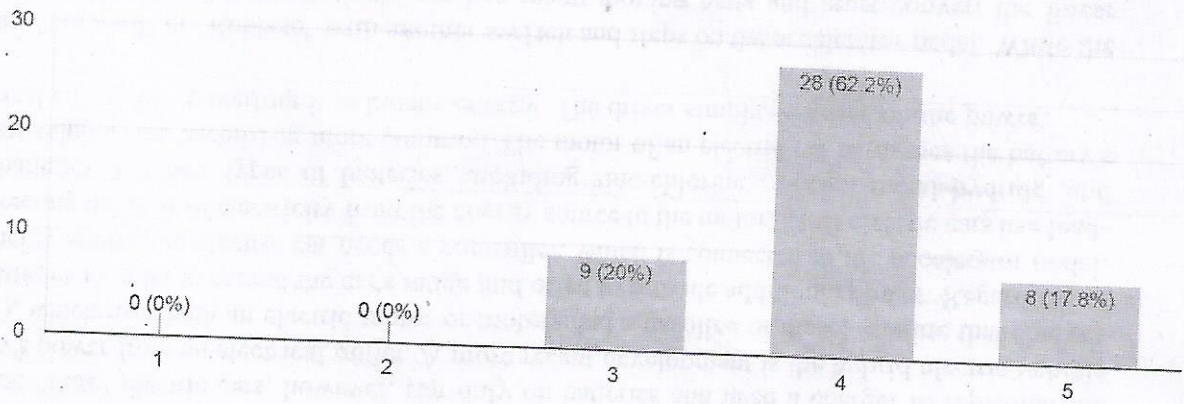


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7. Overall organization of the course

45 responses



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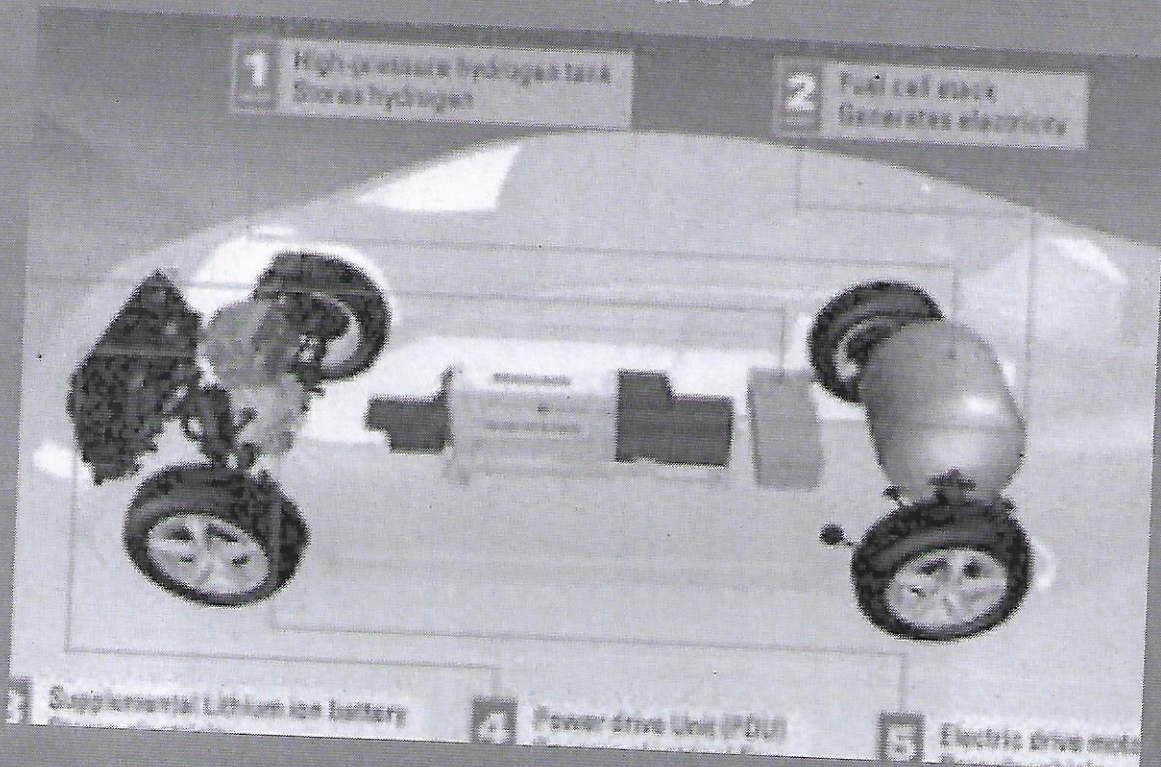
WORKSHOP POSTER



JAIPUR ENGINEERING COLLEGE AND RESEARCH CENTRE, JAIPUR

NBA Accredited programs and Accredited by NAAC
(Affiliated to Rajasthan Technical University)

Hybrid and Advanced E-Vehicles



SCHEDULE

30 MAY, 2022 TO 04 JUNE, 2022

Coordinator
Dr.M.P. Singh

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LIST OF PARTICIPANTS

S#	RTU Roll No.	Name of the Participant
1	19EJCME011	ANKUR GUPTA
2	19EJCME012	ANUBHAV CHOUDHARY
3	19EJCME013	ATHARV SHARMA
4	19EJCME015	AYUSH SONI
5	19EJCME019	CHIRAG MEENA
6	19EJCME021	DHRUV GOYAL
7	19EJCME022	DIVYANSH AGARWAL
8	19EJCME023	GAJENDRA YADAV
9	19EJCME024	HARSH JAIN
10	19EJCME025	HIMANSHU SHARMA
11	19EJCME026	HITESH PANCHAL
12	19EJCME027	ISHAN ADWANI
13	19EJCME028	JITENDRA SAINI
14	19EJCME029	K K SIDDHARTH
15	19EJCME030	LAKHAN MISHRA
16	19EJCME031	LAKSHYA SHARMA
17	19EJCME033	MAHENDRA YADAV
18	19EJCME034	MANU CHOUDHARY
19	19EJCME035	MAYANK KABRA
20	19EJCME036	MAYANK SHARMA
21	19EJCME037	MOHD AMIR KHOKHAR
22	19EJCME038	MRIDUL SAINI
23	19EJCME039	NALEEN KUMAR SOMANI
24	19EJCME040	NAMAN GOYAL
25	19EJCME041	NAND KISHORE YADAV
26	19EJCME042	NEERAJ GAUTAM
27	19EJCME043	NISHANT KUMAWAT
28	19EJCME044	NITESH GURIA
29	19EJCME045	PANKAJ SHARMA
30	19EJCME046	PARMENDRA SINGH JODHA
31	19EJCME047	PARTH KAUSHIK
32	19EJCME048	PAWAN KUMAR SHARMA
33	19EJCME049	PAWANDEEP SINGH BAGGA
34	19EJCME050	PRANJAL SIROHIYA

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35	19EJCME051	PRAVESH DATWANI
36	19EJCME052	PRINCE RAJ
37	19EJCME053	PULKIT
38.	19EJCME054	RAHUL DAKULIYA
39	19EJCME055	RAHUL JANGID
40	19EJCME056	RAHUL KUMAR KUMAWAT
41	19EJCME057	RIJUL KATEWA
42	19EJCME058	RISHIKESH SAHANI
43	19EJCME059	ROHIT BHATT
44	19EJCME060	ROHIT JANGID
45	19EJCME061	RONAK SONI

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INTRODUCTION OF ELECTRIC MACHINE