

AICTE ATAL Sponsored Online FDP on
AI in Hydrogen and Electric Powered Vehicles
Organized by
School of Mechanical Sciences
B.S. Abdur Rahman Crescent Institute of Science and Technology
Online **09th to 14th December, 2024** **6.00 to 9.00 PM**

Name of the programme	AI in Hydrogen and Electric Powered Vehicle
Date	09.12.2024 to 14.12.2024
No. of Participants	150
Nature of participants	Faculty members from various institutions all over India.

<p>Conveners:</p> <p>Dr. H. Siddhi Jailani, Professor & Dean, School of Mechanical Sciences</p> <p>Dr. A. S. Selvakumar, Professor & Head, Department of Mechanical Engineering</p>
<p>Coordinators:</p> <p>Dr. P.D. Jeyakumar, Asso. Prof. & Head, Department of Automobile Engg.</p> <p>Dr. A. Arockia Julias, Asso. Prof., Department of Mechanical Engg.</p>

ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

Permeable:

The FDP on AI in Hydrogen and Electric Powered Vehicle sponsored by AICTE through the ATAL scheme was conducted from 9th to 14th December 2024. An amount of Rs 1 Lakhs was sanctioned for this program. The workshop was organized by the school of Mechanical Sciences. The FDP was conducted in Online Mode. Online sessions were conducted in the evening from 6.00 to 9.00 PM using Zoom platform.

The resource persons identified are experts in the field from eminent institutions inside India like ARCI, CEGRI, IIT, VIT, SRM, and Industries like Ashok Leyland Ltd., Einel Technologies, Bosch and Entuple Technologies. The International experts for the program were from Ulster University, United Kingdom and Lishui University, China.

150 participants from various institution all over India registered for the FDP in the ATAL portal. The FDP was successfully completed by more than 125 participants who attended minimum 80 % of the sessions and score more than 70 % marks in the continuous comprehensive assessment conducted as per AICTE guideline. E-certificates were issued for these participants through AICTE ATAL portal.

This FDP focused on the role of AI in hydrogen and electric-powered vehicles, two technologies that are central to the future of sustainable mobility. It provided a comprehensive understanding of these technologies by introducing participants to the materials and operation of Proton Exchange Membrane (PEM) fuel cells, the building blocks of hydrogen-based electric vehicles. The program also explored the core components of electric vehicles, including powertrains, battery management systems, and the critical role of AI-driven Model-Based Design (MBD) in advancing vehicle efficiency and performance. The readiness of hydrogen based engines, as well as their future prospects are also discussed.

This program allows the participants to focus on real-world problems and promotes industry-institute collaboration. The participants' research focus was increased through discussions with relevant experts in the field. Overall the participants had a positive learning experience from this program.

It was a great Initiative by ATAL Academy. We are thankful to AICTE for giving us this opportunity and funds to conduct the online FDP for faculty members of technical institute. We received good response for registration as well as appreciations from participants for conducting this program successfully.

ATAL FDP on AI in Hydrogen and Electric Powered Vehicle



The poster features a dark green background with a car wheel and engine parts. At the top, there are logos for ATAL, Crescent Institute of Science & Technology, and AICTE. The text is centered and uses a mix of white and yellow colors for emphasis.

ATAL **Crescent** B.S. Abdur Rahman®
Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956 **AICTE**

School of Mechanical Sciences of
B.S. Abdur Rahman Crescent Institute of Science & Technology

Cordially invite you for the Inauguration of

AICTE ATAL Sponsored Online FDP on
**AI in Hydrogen and
Electric Powered Vehicles**

09th to 14th December, 2024


Dr. T. Murugesan
Vice Chancellor
Presides


Mr. V. Mallikarajuna Rao
AGM, Ashok Leyland Ltd.
has consented to inaugurate the FDP


Dr. N. Raja Hussain
Registrar
Felicitates

December 09 2024  |  6.00 PM

Dr. H. Siddhi Jailani
Prof. & Dean, School of Mechanical Sciences
Dr. A.S. Selvakumar
Prof. & HoD, Mechanical Engineering
Conveners

Dr. P.D. Jeyakumar
Asso. Prof. & Head, Automobile Engineering
Dr. A. Arockia Julias
Asso. Prof., Mechanical Engineering
Coordinators

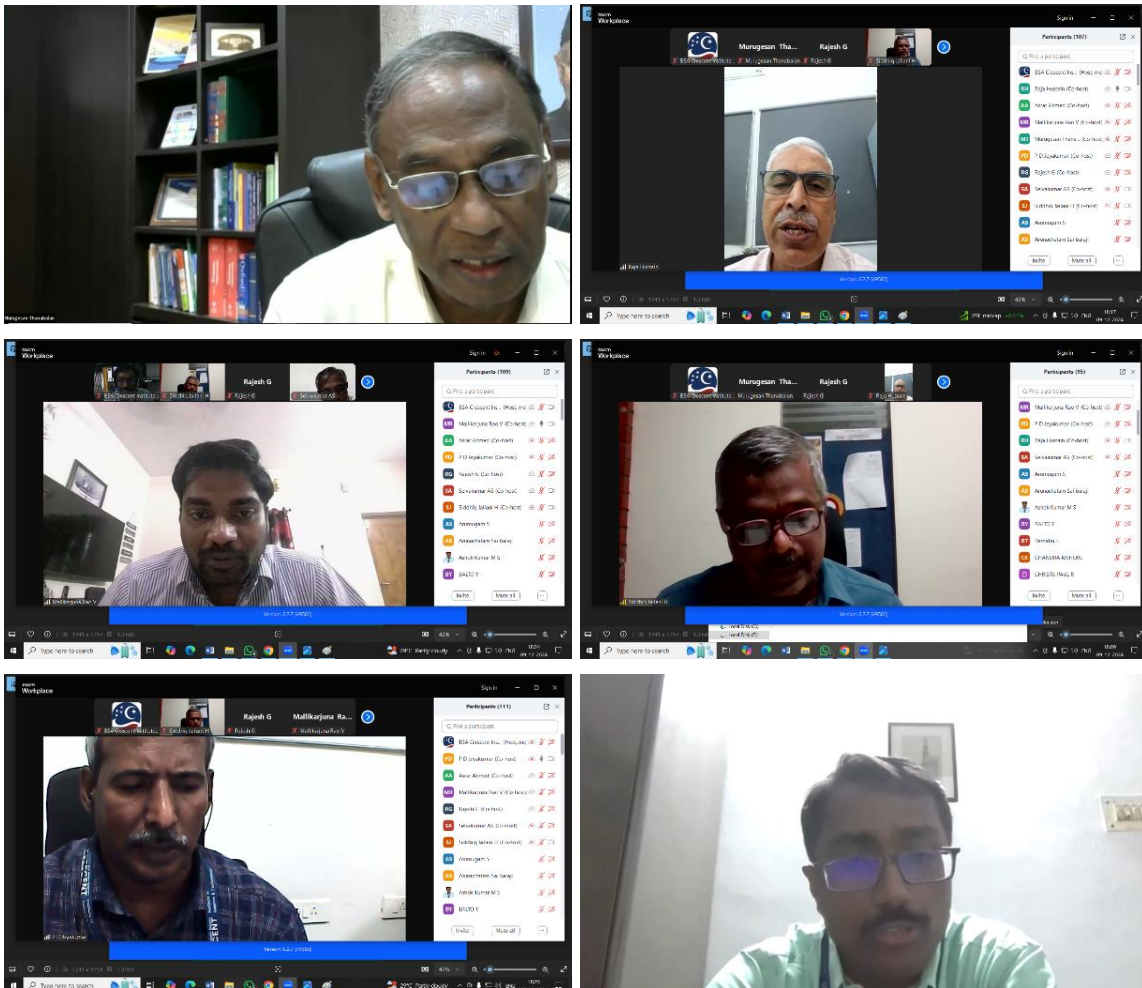
Via Zoom Meeting
Meeting Link

 <https://us06web.zoom.us/j/89300615186?pwd=ZFIzNkxwqtantHmrqYN5MxftbeakW.1>

ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

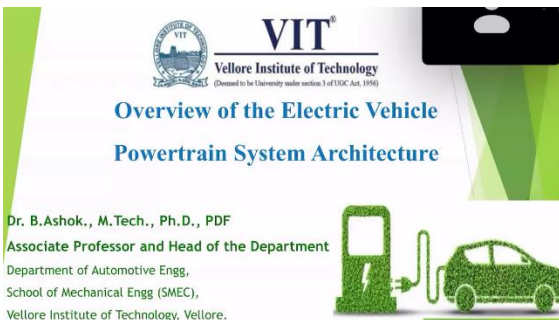
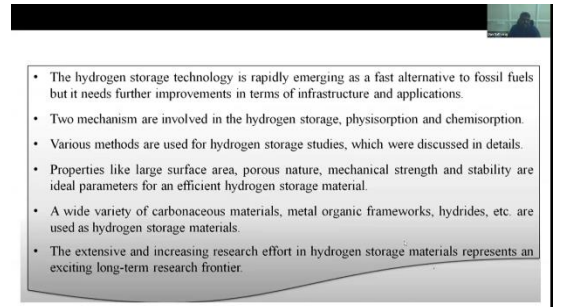
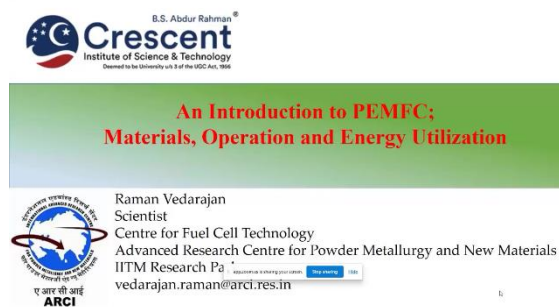
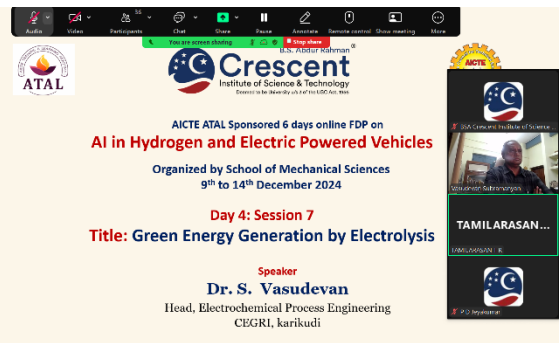
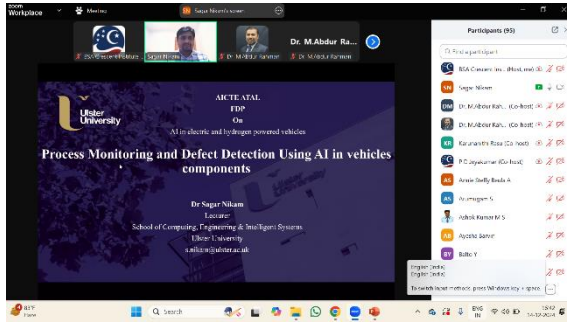
The online program was inaugurated on 09.12.2024 through Zoom Meeting. Dr. H. Siddhi Jailani, Dean, School of Mechanical Sciences, BSA Crescent IST welcomed all. Dr. V. Murugesan, Vice Chancellor, BSA Crescent IST delivered the presidential address. Dr. N. Raja Hussain, Registrar, BSA Crescent IST felicitated. Dr. A. S. Selvakumar, Head of the Department of Mechanical Engineering, BSA Crescent IST informed about the FDP. Dr. A Arockia Julias Co-coordinator of the program introduced the Chief Guest. Mr. V. Mallikarjuna Rao, AGM, Advanced Engineering, Ashok Leyland Pvt. Ltd. inaugurated the workshop and delivered the inaugural address. Dr. P D Jeyakumar, Head of the department of Automobile Engineering and Coordinator of the program proposed the vote of thanks.

Invitation for the inaugural function and sample screenshots taken during the program are given below.



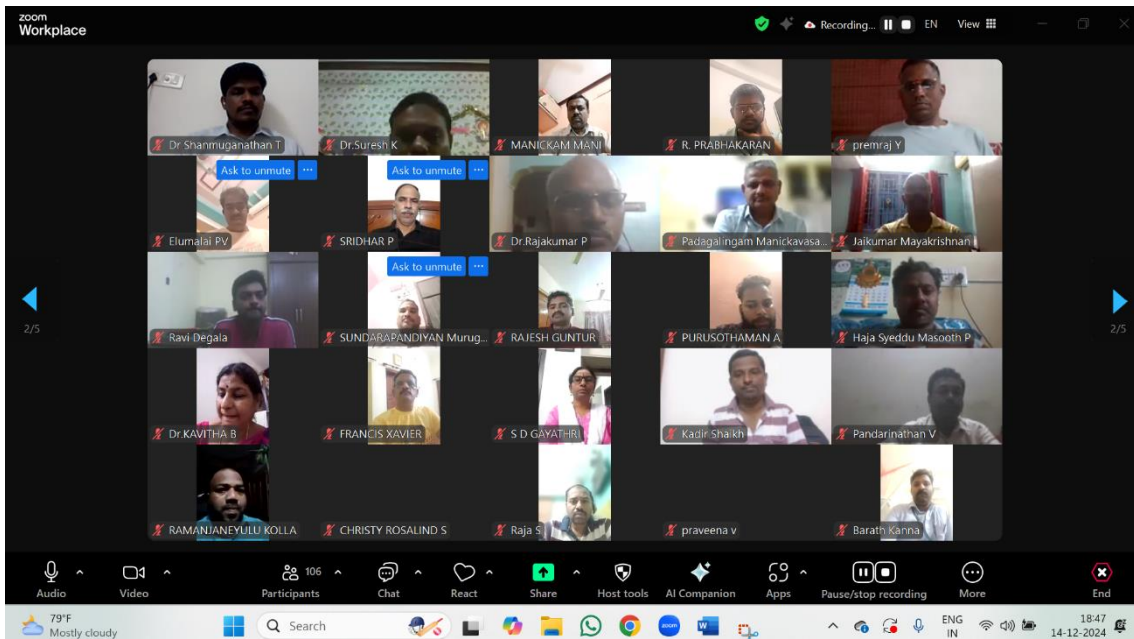
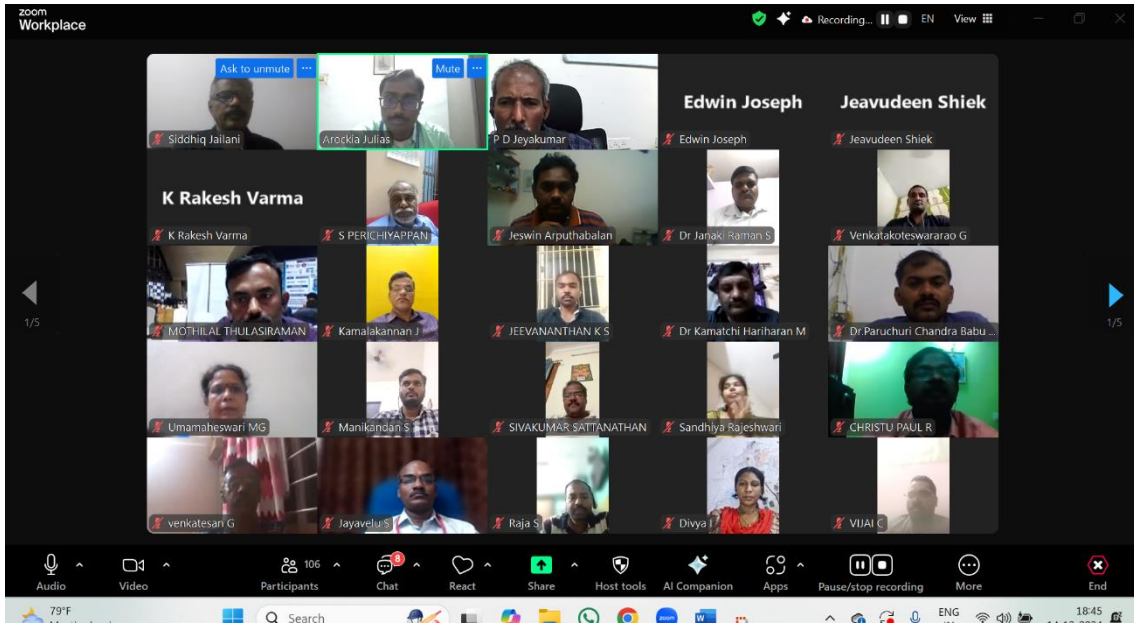
ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

Session Screenshot:



ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

Participants Photo:



ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

FDP Brochure:

ABOUT ATAL

The Government of India in association with All India Council for Technical Education (AICTE) launched the AICTE Training and Learning (ATAL) Academy with a vision to empower faculty to achieve goals of Higher education such as access and quality. ATAL Academy have started unique faculty development programs in various thrust areas of modern technology. More than 5,000 such programs have already been conducted in various AICTE approved institutions benefiting around 3,00,000 faculties, research scholars & PG students.

ABOUT THE PROGRAM

Involvement of AI in various fields and its benefits are well known. Electric vehicles have become a reality in India, and hydrogen as an energy source has grown in popularity, with the potential to be one of the most promising fuel cell technologies. Fuel cell electric vehicles use a propulsion method similar to electric vehicles, in which chemical energy stored in hydrogen is converted to electricity by the fuel cell. Learning the fundamentals of hydrogen fuel cells, electric vehicles and use of AI will be advantageous to professors and researchers. This faculty development programme aims to provide knowledge on the most recent trends and advances in hydrogen energy, fuel cells, and electric vehicles.

PROGRAM OBJECTIVE

The goal of this programme is to raise awareness on using AI in the field of hydrogen and electric powered vehicles. The materials and operation of PEM fuel cells will be introduced, along with their applications in electric vehicles. The components, architecture, powertrain, and battery management system of an electric vehicle will be discussed in detail with emphasis on AI driven MBD and health monitoring using AI. The programme will also include the design and testing of hydrogen-powered vehicles, as well as their future prospects. The potential and problems confronting researchers in this key area will be addressed. This allows them to focus on real-world problems and promotes industry-institute collaboration.



ABOUT THE INSTITUTE



B.S. Abdur Rahman Crescent Institute of Science and Technology is a renowned Institution located at the greenest spot of Chennai near Vandalur Zoo since 1984. Through our long history of 40 years of excellence, the Institution has offered access to a wide range of academic opportunities. We offer 32 Undergraduate programmes, 25 Postgraduate programmes, and Ph.D. in all the departments. This institution is a rising stalwart in higher education with promising Quality, Security and Placement. Most of our UG programs are accredited by NBA. The institute is accredited with "A+" Grade by NAAC and Ranked 102 by NIRF under engineering category.

ABOUT SCHOOL OF MECHANICAL SCIENCES



The School of Mechanical Sciences includes the Departments of Mechanical, Automobile, Aerospace, and Polymer Engineering. All of the School's undergraduate programmes are approved by the National Board of Accreditation. Almost all of the faculty hold doctorates. Modern multimedia teaching technologies are used to supplement lectures and enhance the quality of teaching. The departments feature dedicated labs for electric vehicles, robotics, additive manufacturing, and drone technology. Students are encouraged to participate in various value-added programmes and competitions to broaden their understanding of the latest technology. Our students are inspired to work on creative initiatives through numerous start-ups affiliated with the Crescent Innovation and Incubation Centre.

PROGRAM CONTENT

- Alternative sources for Mobility: Opportunities and Challenges
- An Introduction to PEMFC; Materials, Operation and Energy Utilization in transport applications
- AI driven MBD for Electric Vehicles
- Electric Vehicle Components, Architecture and Drivetrain
- BMS and Health Monitoring using AI
- Electric Vehicle Simulation using MATLAB
- Materials for photo-electrochemical generation of hydrogen
- Design and Testing of Hydrogen Powered Vehicle
- Advanced materials for Hydrogen storage

EXPECTED OUTCOME

The expected outcome of the programme will be a thorough understanding of the potential of hydrogen as an alternative energy source for mobile vehicles, either as a fuel cell in an electric car or as a hydrogen-powered engine. Participants will learn about connected technologies such as PEM fuel cells, electric vehicle components, and their operation. Involvement of AI in this field shall also be learned. They also learn about the design of electric and hydrogen-powered vehicles, as well as the materials used in them. The participants' research focus will be increased through discussions with relevant experts in the field. Overall, participants will have a positive learning experience from this program.

EXPECTED PARTICIPANTS

- Faculties, Research Scholars, PG Scholars from AICTE approved institutions, participants from Government organisations and Industry are eligible.
- No registration fee for participants.
- Participants will be selected on first-come first-serve basis.
- Selected candidates will be intimated by e-mail.
- Confirmation of participation by email is compulsory.

REGISTRATION

Registration has to be done only through ATAL academy. Visit: <https://aictc-india.org/atal>

DATES TO REMEMBER

Last date for Registration : 01.12.2024
Intimation of Selection : 04.12.2024
Confirmation by Participants : 06.12.2024

PATRON

Mr. BSA Arif Buhary Rahman, President
Mrs. Qurrath Jameela, Chancellor
Mr. Abdul Qadir Abdul Rahman Buhari, Pro-Chancellor

CO-PATRON

Dr. T. Murugesan, Vice-Chancellor
Dr. N. Thajuddin, Pro-Vice Chancellor
Dr. N. Raja Hussain, Registrar

CONVENER

Dr. H. Siddhi Jailai, Dean, School of Mechanical Sciences
Dr. A.S. Selvakumar, HoD, Mechanical Engineering

CO-ORDINATOR

Dr. P.D. Jeyakumar, Asso. Prof., & HoD Automobile
Dr. A. Arockia Julias, Asso. Prof., Mechanical

RESOURCE PERSONS

This program's resource persons are subject matter experts from research institutes, academia, and industry, including CSIR-CECRI, ARCI, VIT, SRM, Ashok Leyland, Eintel Technologies and Entuple Technologies.

CERTIFICATE

E-certificate will be provided by ATAL Academy through their website after successful completion of FDP. Minimum 80% attendance and overall 70% marks in assessment is required to earn certificate.

ONLINE

The entire programme will be conducted through online mode in the evening. The meeting link will be communicated to the selected candidates through e-mail. Assessment on topics covered will be conducted through online.

CONTACT DETAILS

Dr. P.D. Jeyakumar, Asso. Prof., HOD Automobile
Dr. A. Arockia Julias, Asso. Prof., Mechanical
School of Mechanical Sciences,
B.S. Abdur Rahman Crescent Institute of Science & Technology,
Vandalur, Chennai, Tamilnadu - 600 048.
Mobile: 94441 83049, E-mail: ajulias@crescent.education



One Week Free Online BASIC ATAL FDP ON AI in Hydrogen and Electric Powered vehicles

09th to 14th December, 2024

6.00 PM to 9.30 PM



Organized by

School of Mechanical Sciences
B.S. Abdur Rahman

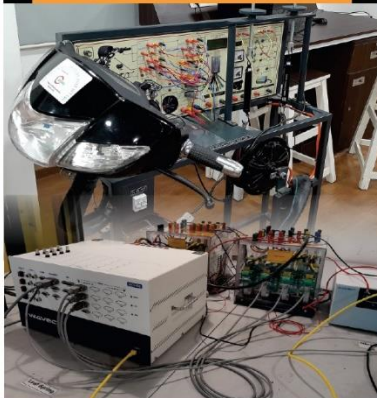


Sponsored by

AICTE Training & Learning (ATAL) Academy



TESTING FACILITIES AVAILABLE



PARTICIPANT NOC FORMAT

Institute Letter Head

RefNo. _____ Date: _____

Subject: NOC for Attending ATAL FDP

To Whomsoever It May Concern

This letter is to express No Objection on Mr./Mrs./Ms./Dr. < Participant name > in attending FDP on AI in Hydrogen and Electric Powered Vehicles conducted at B.S. Abdur Rahman Crescent Institute of Science and Technology from 09.12.2024 to 14.12.2024 through online in the evening. This certificate is issued as per requirement of AICTE for successful conduction of ATAL Faculty Development Program.

Yours Sincerely,

(Sign & Stamp)
HoI/Competent Authority
Institute Name and Address

ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

Program Schedule:

ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule

FDP Thrust Area: Energy, Sustainability & Climate Change

FDP Title: AI in Hydrogen and Electric Powered Vehicle

Start Date: 09.12.2024 End Date: 14.12.2024

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
6:00PM to 6:30PM Inaugural Session	6:00PM to 7:30PM Session 3 An Introduction to PEMFC; Materials, Operation and Energy Utilization. Dr. Raman Vedarajan, Scientist, Centre for Fuel Cell Technology- ARCL Exp.: 15 Years.	6:00PM to 7:30PM Session 5 Electric Vehicle Simulation using MATLAB Gajendra singh raiput, Sr Technical Engineer, Entuple Technologies Pvt. Ltd. Exp.: 14 Years.	6:00PM to 7:30PM Session 7 Green Hydrogen Generation by Electrolysis Dr. S. Vasudevan, Head, Electrochemical Process Engineering CEGRI, karikudi. Exp.: 25 Years	6:00PM to 7:30PM Session 9 Application of Hydrogen fuel in engines Dr. Manzoore Elahi S Associate Professor Lishui University, China Exp.: 13 Years	2:00PM to 3:30PM Session 11 Advanced materials for Hydrogen storage. Dr. G. Dan Sathiaraj, Associate professor, IIT Indore. Exp.: 11 Years
6:30PM to 8:00PM Session 1 Alternative sources for Mobility: Opportunities and Challenges Mr. Mallikarjuna Rao V, Assistant General Manager, Advanced Engineering, Ashok Leyland. Exp.: 20 Years	7:30PM to 9:00PM Session 4 PEM fuel cells in stationary and transport applications Dr.R.Balaji, Senior Scientist, Centre for Fuel Cell Technology- ARCL Exp.: 20 Years	7:30PM to 9:00PM Session 6 Electric Vehicle Components and Architecture Dr. Bharatiraja C, Professor & Center Head, Centre of Electric Mobility, SRM. Exp.: 20 Years	7:30PM to 9:00PM Session 8 BMS and Health Monitoring using AI Dr. E T Paul Sathiyam Technical Director EinNel Technologies Exp.: 18 Years	7:30PM to 9:00PM Session 10 Electric vehicle drive train & BMS Dr. B. Ashok, Associate Professor and Head, Vellore Institute of Technology. Exp.: 14 Years	3:30PM to 5:00PM Session 12 Process Monitoring and Defect Detection Using AI in vehicles components. Dr. Sagar Nikam Lecturer Ulster University, UK Experience: 10 Years
8:00PM to 9:30PM Session 2 AI driven MBD for electric vehicles Mr. E. Albert Einstein CEO, EinNel Technologies Exp.: 20 Years					5:00PM to 6:30PM Session 13 Hydrogen engine overview and infrastructure readiness Mr. Venkatesh Manager (South region). R&D, Bosch. Exp.: 13 Years
No Charge for Registration and Participation.					6:30PM to 7:30PM Online test & feedback
E-certificate will be provided by ATAL Academy through their website after successful completion of FDP. Minimum 80% attendance and overall 70% marks in assessment is required to earn certificate.					7:30PM to 8:00PM Valedictory Session

Sample Certificate:



ATAL FDP on AI in Hydrogen and Electric Powered Vehicle

Media Coverage:

Faculty development programme held

The School of Mechanical Sciences of B S Abdur Rahman Crescent Institute of Science and Technology conducted AICTE sponsored ATAL FDP on AI in Hydrogen and Electric Powered Vehicles. Approximately 150 faculty members, research scholars, and industry professionals from diverse institutions and industries across India participated in the six-day online session. The FDP was inaugurated by Mallikarjuna Rao, AGM, advanced engineering, Ashok Leyland and highlighted the alternative sources for mobility. Thirteen distinct sessions were conducted by leading researchers and experts from various renowned institutions and industries.

The New Indian Express,

Chennai, 21.12.24

Deccan Chronicle, Chennai, 25.12.24

BIZ BUZZ

SMI Special

Crescent's "Ai In Hydrogen And Electric Powered Vehicles" Faculty Development Programme

The school of mechanical sciences of B S Abdur Rahman Crescent Institute of Science and Technology conducted AICTE sponsored 6 days ATAL FDP on AI in Hydrogen and Electric Powered Vehicles recently through online mode. Approximately 150 faculty members, research scholars, and industry professionals from diverse institutions and industries across India participated in the event. The FDP was inaugurated by Mr. Mallikarjuna Rao, AGM, Advanced Engineering, Ashok Leyland and highlighted the alternative sources for mobility. Dr. T. Murugasen, Vice Chancellor, delivered the presidential address, emphasizing the role of these new technologies in enhancing teaching and research. Dr. N. Raja Hussain, Registrar of BSACIST, delivered the felicitation address, highlighting how such FDPs assist faculty members in updating their knowledge and skills in the latest technological advancements. Thirteen distinct sessions were conducted by leading researchers and experts from various renowned institutions and industries. These included research centers like CECRI Karaikudi and the Fuel Research Center of ARCI, prestigious institutes such as IIT, SRM, and VIT, as well as industry leaders like Entuple Technologies and Einnel Technologies, who participated as resource persons. The program was attended by Dr. H. Siddi Jilani, Dean of the School of Mechanical Sciences, Dr. A. S. Selva Kumar, Head of the Department of Mechanical Engineering along with faculty members from the Departments of Mechanical and Automobile Engineering. Dr P D Jeyakumar, Head, Dept. Automobile Engineering and Dr A Arcokia Julius, Associate Professor, Department of mechanical Engineering are the coordinators of this online FDP.

Ramraj New Showroom at Porur



Ramraj has been placed in the list of India's most trusted & most attractive brand for Dhotis and Shirts. Opened its next new showroom at Porur, Chennai, on the 22nd of December 2024 at Showroom Inaugurated by Mr. Karambakkam K. Ganapathi, M.L.A., Maduravoyal Constituency, Lighting of the Lamp by Mr. S. Shankar Ganesh, 151st Ward Council Member, Porur and Smt. Shanthi Ramalingam, 153rd Ward Council Member, Porur. First Sale by: Shri. T. Kaliyasundaram, Deputy Commissioner of Police, SRMC Range, Porur and First Purchase by: Shri. S. Kumaresan Swaminathan, Owner, Nathan Arcade, Ramraj Cotton Founder and Chairman Mr K.R. Nagarajan warmly welcomed the gathering.



The Meenakshi Academy of Higher Education and Research (MAHER) proudly celebrated a momentous occasion today (16.12.2024) as it hosted its 18th Annual Convocation ceremony at the auditorium of the Meenakshi Medical College Hospital and Research Institute, Enathur, Kanchipuram. The convocation was presided over by the Honourable Chancellor of MAHER, Mrs. Jayanthi Radhakrishnan. The Chief patron Mrs. Gomathi Radhakrishnan and the Pro-Chancellor, Mr. Akash Prabhakar graced the occasion with their presence. Padma Shri Dr. V. Mohan, Chairman of the highly renowned Dr. Mohan's Diabetes Specialities Centre and Madras Diabetes Research Foundation, Chennai, was the Chief Guest of the event and delivered the convocation address, inspiring the graduands with his words of wisdom and experience.

Empowering Excellence & Surmounting Expectations thro' Employee Rewards and Recognition



Surmount Logistics, Chennai being a startup company incorporated only in the year 2022, strongly believe that their employees are considered to be the primary reason for their business success. To substantiate their belief, they have recently organised a Rewards & Recognition programme honouring around 20 employees with Tata cars, high end motorcycles including Honda scooters & Royal Enfield bullets. "Our mission is to simplify logistics for businesses of all sizes," says Mr. Denzil Rayan, Founder and Managing Director of Surmount Logistics Solutions. "We understand the pain points of traditional shipping and logistics processes, and our goal is to provide solutions that are not only efficient but also environmentally conscious. As part of its commitment in globalisation in order to have better control over cargo movements and achieve consistent customer satisfaction, Surmount Logistics started exploring to establish their presence in other major international markets like USA, Europe & APAC Countries within the year 2028. By implementing a robust employee welfare program, the company not only improves employees' overall satisfaction and well-being but also their productivity, engagement, and retention. They trust that this leads to better results for the company, as happier, healthier, and more motivated employees are more likely to perform their best.

Hindu Tamil, Chennai, 21.12.24
 பி.எஸ்.அப்துர் ரஹ்மான் பல்கலைக்கழகத்தில்
 6 நாள் ஆசிரியர் மேம்பாட்டு பயிற்சி

■ சென்னை

பி.எஸ்.அப்துர் ரஹ்மான் அறிவியல் மற்றும் தொழில்நுட்ப நிறுவனத்தின் இயந்திர அறிவியல் கல்லூரி சார்பாக, ஹைட்ரஜன் மற்றும் மின்சார வாகனங்களில் செயற்கை நுண்ணறிவு குறித்த ஆசிரியர் மேம்பாட்டுப் பயிற்சி (ATAL FDP) நடைபெற்றது. அகில இந்திய தொழில்நுட்ப கல்வி கவுன்சில் ஏற்பாட்டின் பேரில் கடந்த டிச. 9 முதல் 14-ம் தேதி வரை இந்த 6 நாள் பயிற்சி ஆன்லைனில் நடைபெற்றது.

இந்தியா முழுவதிலும் உள்ள பல்வேறு நிறுவனங்கள் மற்றும் தொழில்களைச் சேர்ந்த சுமார் 150 ஆசிரியர்கள், ஆராய்ச்சியாளர்கள், தொழில் வல்லுநர்கள் இதில் பங்கேற்றனர். பயிற்சியை அசோக் லேலண்ட் அட்வான்ஸ்டு இன்ஜினியரிங் உதவி பொது மேலாளர் மல்லிகார்ஜுன ராவ் தொடங்கி வைத்து, இயக்கத்துக்கான மாற்று ஆதாரங்கள் குறித்து எடுத்துரைத்தார்.

பி.எஸ்.அப்துர் ரஹ்மான் அறிவியல் மற்றும் தொழில்நுட்ப நிறுவன துணைவேந்தர் டி.முருகேசன் தலைமை உரை நிகழ்த்தினார். அப்போது அவர், கற்பித்தல் மற்றும் ஆராய்ச்சி



▶ பி.எஸ்.அப்துர் ரஹ்மான் அறிவியல் மற்றும் தொழில்நுட்ப நிறுவனத்தில் ஆன்லைன் முறையில் நடைபெற்ற ஆசிரியர் மேம்பாட்டுப் பயிற்சியில் பங்கேற்றவர்கள்.

சியை மேம்படுத்துவதில் இந்த புதிய தொழில்நுட்பங்களின் பங்கை வலியுறுத்தினார். பதிவாளர் என்.ராஜா ஹுசைன் பாராட்டுரை நிகழ்த்துகையில், இதுபோன்ற ஆசிரியர் மேம்பாட்டுப் பயிற்சிகள் ஆசிரியர்களுக்கு சமீபத்திய தொழில்நுட்ப முன்னேற்றங்களில் அவர்களின் அறிவு மற்றும் திறன்களை மேம்படுத்துவதில் எவ்வாறு உதவுகின்றன என எடுத்துரைத்தார்.

மொத்தம் 13 அமர்வுகளில், காரைக்குடி சிக்ரி, ஏஆர்சிஐ,

ஐஐடி, எஸ்ஆர்எம், விஐடி போன்ற பல்வேறு புகழ்பெற்ற ஆராய்ச்சி நிறுவனங்கள், கல்வி நிறுவனங்கள் மற்றும் தொழில்துறைகளைச் சேர்ந்த முன்னணி ஆராய்ச்சியாளர்கள் மற்றும் நிபுணர்களால் பயிற்சி அளிக்கப்பட்டது.





நிகழ்ச்சியில் இயந்திரவியல் அறிவியல் கல்லூரி டீன் எச்.சித்திஜிவானி, இயந்திரவியல் துறை தலைவர் ஏ.எஸ். செல்வகுமார் உள்ளிட்டோர் பங்கேற்றனர்.

Poster at the entrance of the Institute:



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Speakers profile:

Expert	Designation	Specialization
Dr. R. Balaji 	Senior Scientist, Centre for Fuel Cell Technology, ARCI - Chennai. Exp:20 Years	Electrolytic hydrogen generation, PEM based system, Electrochemistry, Electrochemical process and Energy conversion systems,
Dr. Raman Vedarajan 	Scientist, Centre for Fuel Cell Technology, ARCI - Chennai. Exp:15 Years	Solid State Electrochemistry, Energy Materials, Hydrogen Generation, Electrochemistry,
Dr. S. Vasudevan 	Chief Scientist & Head Electrochemical Process Engineering, CEGRI, karikudi. Exp:25 Years	Hydrogen generation by water electrolysis, Synthesis of electro- inorganic chemicals, Electrochemical waste management, Electro- catalysis, Magnesium batteries
Dr. G. Dan Sathiaraj 	Associate Professor, IIT Indore Exp:12 Years	Material Recrystallization and grain growth, Surface Modification, High entropy alloys

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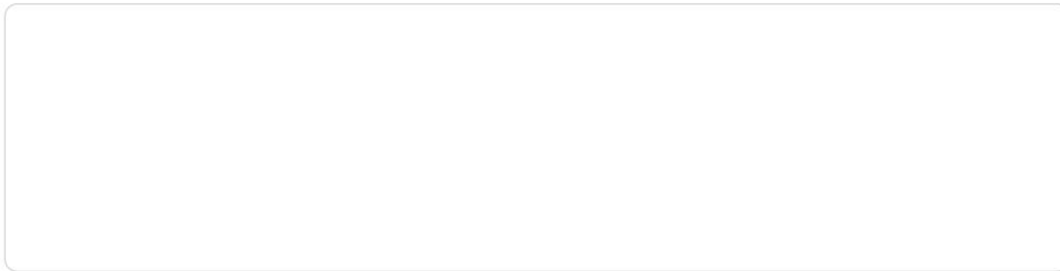
<p>Mr. E. Albert Einstein</p> 	<p>CEO EinNel Technologies Exp:20 Years</p>	<p>Computer Aided Engineering, Innovation, Vehicle Body Analysis, Industry 4.0</p>
<p>Mr. V. Mallikarjuna Rao</p> 	<p>Assistant General Manager. Advanced Engg., Ashok Leyland Ltd. Exp:20 Years</p>	<p>Vehicle engineering Green mobility</p>
<p>Dr. S. Manzoore Elahi</p> 	<p>Associate Professor Lishui University, China Exp:12 Years</p>	<p>Heat transfer & Energy Conversion, Alternate Fuel, Nanotechnology</p>
<p>Dr. Sagar Nikam</p> 	<p>Lecturer Ulster University, United Kingdom Exp:10 Years</p>	<p>Heat Transfer, Modelling and Simulation, Additive Manufacturing</p>
<p>Mr. E T Paul Sathiyam</p> 	<p>Technical Director EinNel Technologies Exp:18 Years</p>	<p>Automotive Power Electronic Drives, AIoT, Embedded Systems and MBSE</p>

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<p>Dr. B Ashok</p> 	<p>Associate Professor & Head, Automobile Engineering Department, VIT Vellore. Exp:14 Years</p>	<p>Automotive Mechatronics Engineering, Vehicle Powertrain System Calibration, Automotive Engineering, Motor & Battery Controller Calibration, AI applications for Vehicle Powertrain system</p>
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Participants Feedback:



Program feedback for online FDP on AI in hydrogen and electric powered vehicles

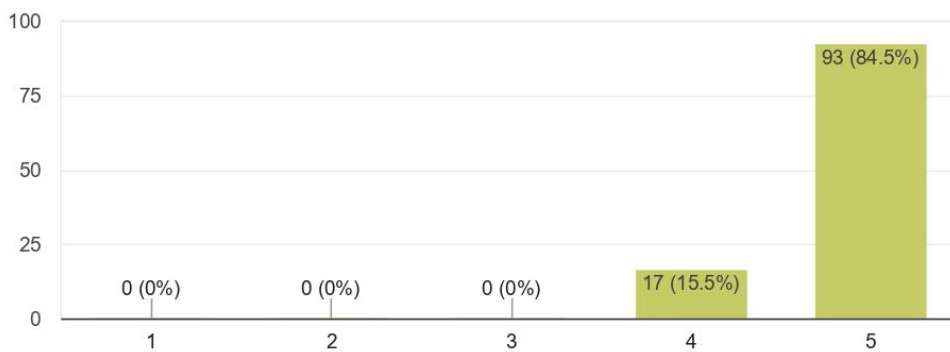
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Overall, how would you rate the event? (Minimum 1 - Maximum 5)

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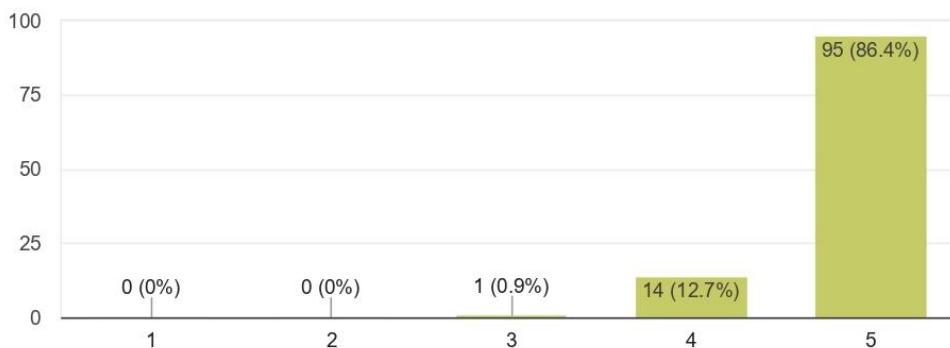
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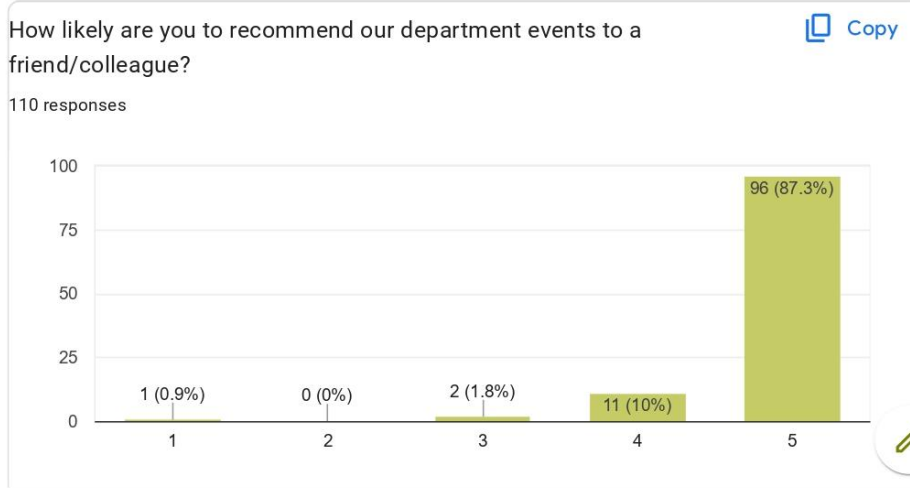
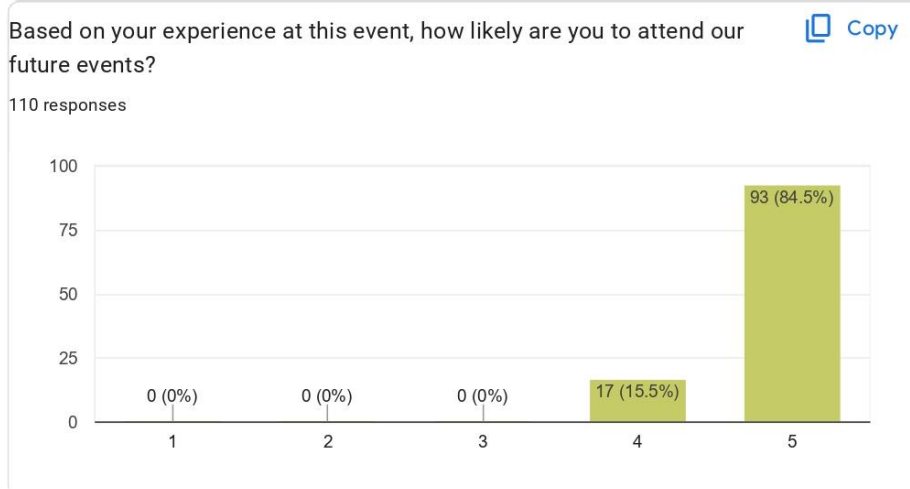
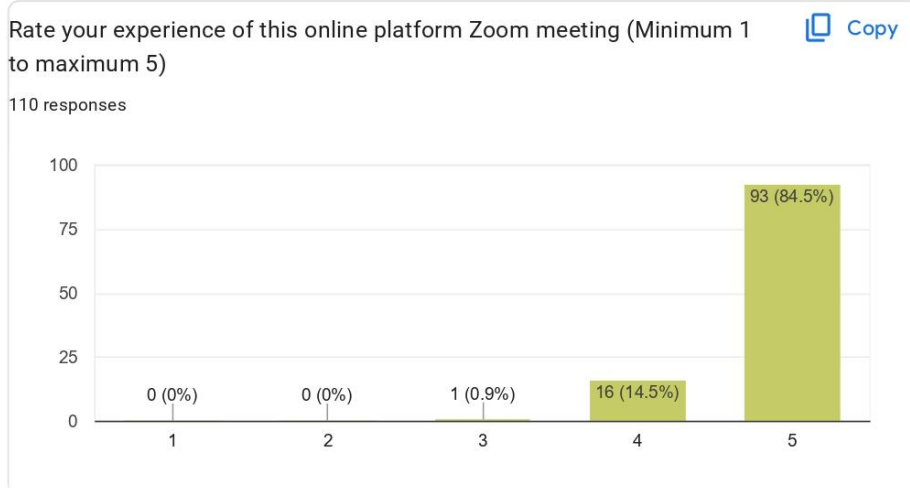
How organised was the FDP? (Minimum 1 - Maximum 5)

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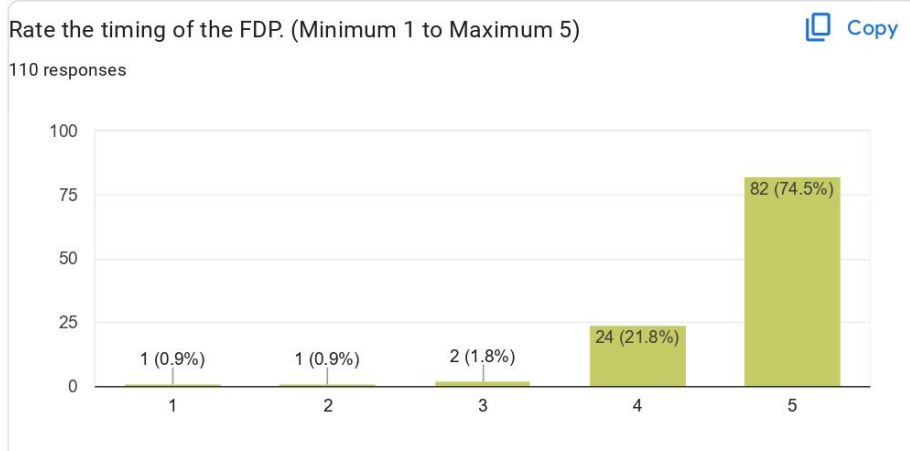
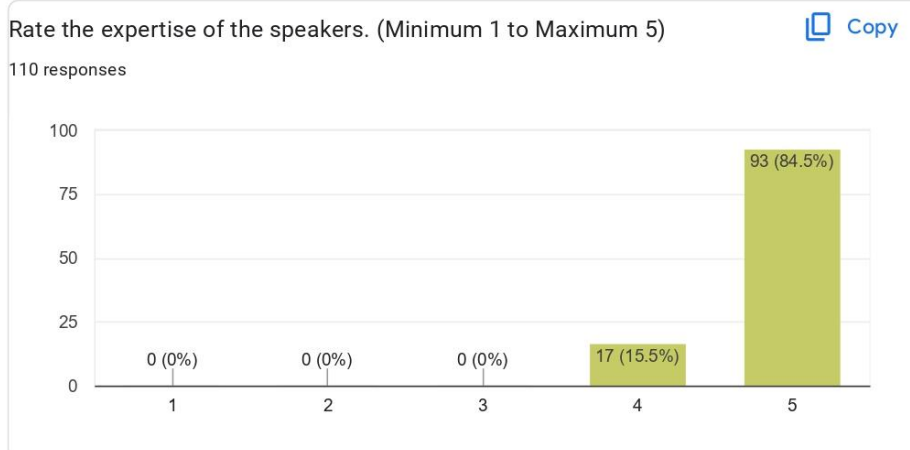
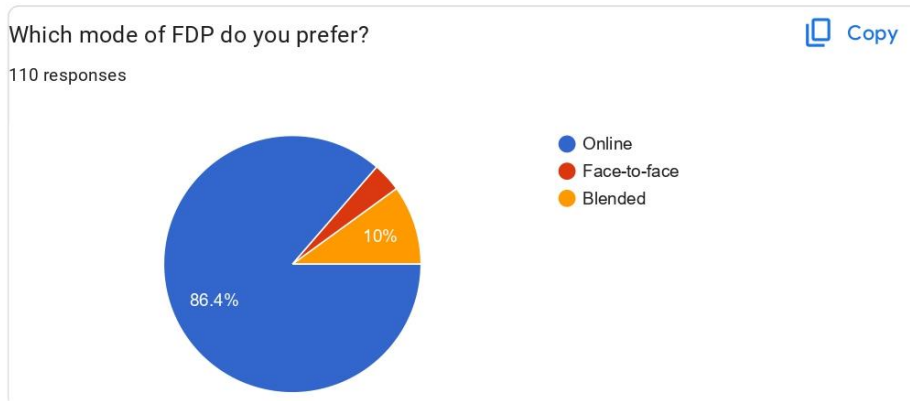
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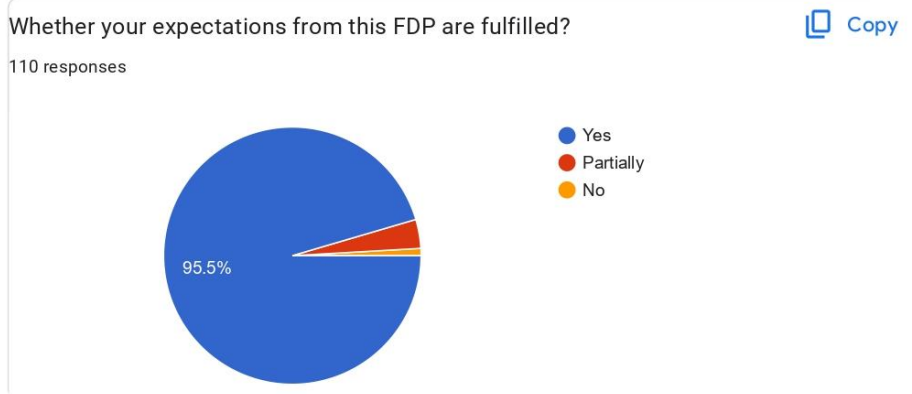
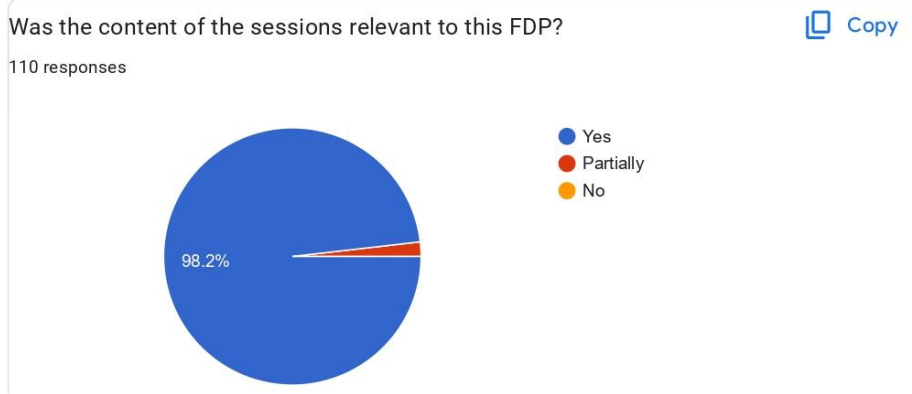
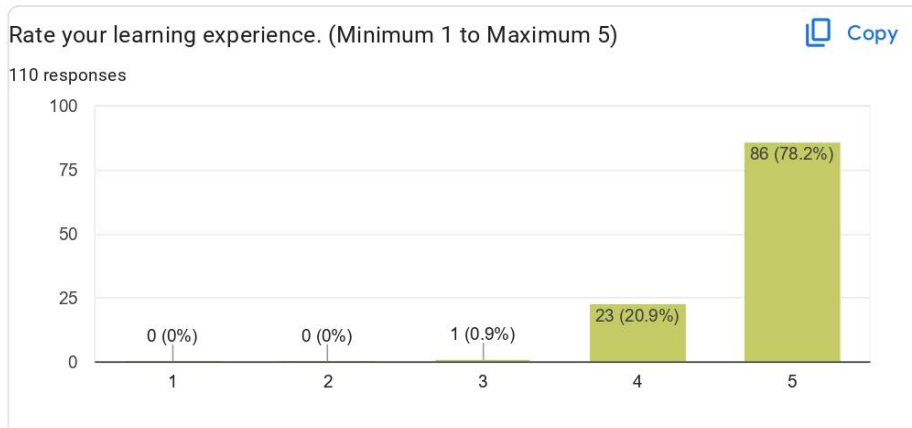
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What did you learn from this FDP?

110 responses

AI in hydrogen and electric powered vehicles

Latest technology

EV

Valuable information about AI and Electric vehicles

-

Electrical vehicle using AI

EV system

Basic knowledge about EV

Good exposure about EV and hydrogen powered

AI in hydrogen and electric powered vehicles"

Hydrogen applications

The role of AI in electric and hydrogen mobility and its future

AI Hydrogen and electric vehicle

Gained knowledge regarding hydrogen fuel

Hydrogen storage and engine

Good knowledge

Hydrogen Engine, Electric vehicles, Application of Hydrogen fuel Engines, Electro chemical processing

AI in hydrogen and electric powered vehicle

Excellent program on hydrogen fuel cell concept

major hydrogen vehicle

Very informative



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