

# DIT University Event Report 2022-23

## SDG-7



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**T**he biggest challenge in modern society is to achieve 'Net Zero Emission' and to stop global warming due to Green House Gas (GHG) Emissions. The tremendous exploitation of non-renewable resources like fossil fuels is causing irrecoverable harm to nature by emitting all sorts of air pollutants and GHGs. The result is continuous increase of global average temperature, ice sheet melting, abrupt climatic consequences. One stop solution is to switch to alternative clean and green energy sources like Solar, Wind, Water etc. but not very easy with various economic, geologic and infrastructure reasons. However, society must continuously thrive to alternative energy resources through its technological advancement. UN SDG 7 promotes 'Affordable and Clean Energy' ensuring access to affordable, reliable, sustainable and modern energy. DIT University is in line with SDG 7 in making buildings with efficient energy rating appliances, using solar power at maximum usage, minimizing energy wastage and promoting new developments in green energy through research and collaboration activities.

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# **DIT University Event Report 2022-23**

## **Outreach activities on energy efficiency and clean energy**

DIT University is dedicated to promoting the importance of energy efficiency and clean energy within the local community. We actively provide programs and educational initiatives to raise awareness and enhance knowledge on these critical topics.

These initiatives reflect commitment of DIT University to knowledge dissemination and community engagement on energy efficiency and clean energy practices. DIT University continuously strive to create a more sustainable and environmentally responsible local community.

# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> Dr. Nafees Ahamad	<b>Name of the Event:</b> Future of Electrical Vehicle in Modern World
<b>Name of the Collaborator(if any) :</b> Govt Polytechnic Aamwala, Dehradun	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> <Name>
<b>Start Date and End Date :</b> 13.04.2023	<b>No. of Participant (Students and Faculty) :</b> 45

## DETAILS ABOUT THE EVENT:

Event Description
<p><b><u>Relevance with SDG 7: Clean and Affordable Energy:</u></b> The event emphasized the importance of electric vehicles (EVs) in advancing <b>SDG 7: Clean and Affordable Energy</b>, by promoting clean, renewable energy for transportation. It highlighted how EV adoption can reduce reliance on fossil fuels and lower emissions, contributing to sustainable and affordable energy solutions. This aligns with the goal of ensuring universal access to clean energy.</p> <p><b>Brief text with introduction, event details, content and outcome:</b></p> <p>An awareness program on "The Future of Electric Vehicles in the Modern World" was recently organized by DIT University at Govt Polytechnic Aamwala, Dehradun. The event focused on promoting clean energy and energy-efficient technologies, highlighting the pivotal role of electric vehicles (EVs) in reducing carbon emissions and fostering a sustainable future. Experts from the industry shared insights on advancements in EV technology, infrastructure development, and the economic and environmental benefits of transitioning to electric mobility. The program aimed to inspire students and the local community to embrace cleaner alternatives, contributing to a greener and smarter city.</p>
<p><b>Geotagged photograph of the event.</b></p>

# DIT University Event Report



# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> Dr. Nafees Ahamad	<b>Name of the Event:</b> Smart Electrical Vehicles
<b>Name of the Collaborator(if any) :</b> Universal Academy, Dehradun	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> <Name>
<b>Start Date and End Date :</b> 17.08.2023	<b>No. of Participant (Students and Faculty) :</b> 52

**DETAILS ABOUT THE EVENT:**

Event Description
<p><b><u>Relevance with SDG 7: Clean and Affordable Energy:</u></b></p> <p>The event on "Smart Electrical Vehicles" highlighted the role of electric vehicles in advancing SDG 7: Clean and Affordable Energy by promoting the use of renewable energy for transportation. It emphasized smart technologies that enhance energy efficiency, reducing reliance on fossil fuels. This supports the goal of providing sustainable and affordable energy solutions for all.</p> <p><b>Brief text with introduction, event details, content and outcome:</b></p> <p>DIT University recently organized an awareness program on "Smart Electrical Vehicles" at Universal Academy, Dehradun, focusing on the role of electric vehicles in promoting clean energy and energy-efficient technologies. The event covered the latest advancements in smart EV technology, highlighting their potential to reduce carbon emissions and optimize energy consumption. Experts discussed the integration of renewable energy with EVs and how smart technologies can enhance vehicle efficiency and sustainability. The program aimed to inspire students and the local community to embrace innovative transportation solutions for a cleaner, greener future.</p>

# DIT University Event Report

Geotagged photograph of the event.





# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> Mr. Saurabh Mishra	<b>Name of the Event:</b> High Energy Rating Appliances
<b>Name of the Collaborator(if any) :</b> Universal Academy, Dehradun	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> <Name>
<b>Start Date and End Date :</b> 25.09.2023	<b>No. of Participant (Students and Faculty) :</b> 30

### DETAILS ABOUT THE EVENT:

Event Description
<p><b><u>Relevance with SDG 7: Clean and Affordable Energy:</u></b></p> <p>The event on "High Energy Rating Appliances" promoted the goals of SDG 7: Clean and Affordable Energy by encouraging the use of energy-efficient appliances that reduce electricity consumption. It highlighted how these appliances lower environmental impact and energy costs, contributing to sustainable and affordable energy solutions. This supports the global effort to ensure access to clean energy for all.</p> <p><b>Brief text with introduction, event details, content and outcome:</b></p> <p>DIT University recently organized an awareness program on "High Energy Rating Appliances" for the students of Universal Academy, Dehradun, focusing on the importance of clean energy and energy-efficient technologies. The program highlighted how appliances with high energy ratings significantly reduce electricity consumption and environmental impact, aligning with sustainable living practices. Experts explained the benefits of using energy-efficient appliances in homes and institutions, emphasizing their role in lowering carbon footprints and reducing energy costs. The event aimed to educate students on the importance of energy conservation for a sustainable future.</p> <p><b>Geotagged photograph of the event.</b></p>

# DIT University Event Report



# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> Mr. Abhinav Nanda	<b>Name of the Event:</b> Sustainable Technologies for Energy Efficiency in Home
<b>Name of the Collaborator(if any) :</b> Army Public School Lansdowne, Dehradun	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b>
<b>Start Date and End Date :</b> 17.10.2023	<b>No. of Participant (Students and Faculty) :</b> 48

**DETAILS ABOUT THE EVENT:**

Event Description
<p><b><u>Relevance with SDG 7: Clean and Affordable Energy:</u></b></p> <p>The event on "Sustainable Technologies for Energy Efficiency in Home" supported <b>SDG 7: Clean and Affordable Energy</b> by promoting the use of energy-efficient technologies to reduce household energy consumption. It emphasized the role of electrical engineers in advancing clean energy solutions, contributing to sustainable and affordable energy access for all. This aligns with the goal of enhancing energy efficiency globally.</p> <p><b>Brief text with introduction, event details, content and outcome:</b></p> <p>DIT University recently conducted an awareness program on "Sustainable Technologies for Energy Efficiency in Home and the Role of Electrical Engineers" for the students of Army Public School Lansdowne, Dehradun. The session focused on the importance of integrating energy-efficient technologies in homes to reduce energy consumption and promote sustainability. Experts highlighted innovations like smart grids, energy-efficient appliances, and renewable energy systems, while also emphasizing the critical role electrical engineers play in designing and implementing these technologies. The event aimed to inspire students to adopt sustainable practices and explore career opportunities in the energy efficiency sector.</p> <p><b>Geotagged photograph of the event.</b></p>

# DIT University Event Report





# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> EECE Department, DIT University	<b>Name of the Event:</b> Awareness Program on Smart Electric Vehicles
<b>Name of the Collaborator(if any) :</b> Government Polytechnic Narendranagar	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> Mr. Harsh Chand HoD, Government Polytechnic Narendranagar
<b>Start Date and End Date :</b> March 24, 2023	<b>No. of Participant (Students and Faculty) :</b> Student: 30

## DETAILS ABOUT THE EVENT:

Event Description
<p><b><u>Relevance with SDG 7: Clean and Affordable Energy:</u></b></p> <p>The event on "Smart Electrical Vehicles" highlighted the role of electric vehicles in advancing SDG 7: Clean and Affordable Energy by promoting the use of renewable energy for transportation. It emphasized smart technologies that enhance energy efficiency, reducing reliance on fossil fuels. This supports the goal of providing sustainable and affordable energy solutions for all.</p> <p><b>Aims and Objectives of the event:</b></p> <p>The main purpose of this event was spread awareness about the electric vehicles to the diploma students. This will motive the general public to purchase the electric vehicles and ultimately will reduce the CO2 emission.</p> <p><b>Short Summary of the event:</b></p> <p>One-day seminar on Electric Vehicles was organized by departmental of EECE in collaboration with admission departmental of DIT University &amp; Government Polytechnic Narendranagar. on March 24, 2023, at Government Polytechnic Narendranagar. The presentation was given by Dr Nafees Ahamad, AP &amp; Head, Department of EECE DITU and it was attended by around 30 students of diploma students of EE, ECE and ME along with their faculty members. The resources person was the Mr. Harsh Chand HoD, Government Polytechnic Narendranagar, who also briefed the students in the starting. The event ended on March 24, 2023 with a memento presentation to the Mr Harsh Chand.</p> <p><b>Outcomes of the event:</b></p> <p>At the end of this even, students were able to know the different types of EVs, their benefits and their environmental effects as compared to IC engines. It created awareness in the students to use EVs to reduce the CO2 emission for better and healthy life.</p>

# DIT University Event Report

Geotagged photograph of the event.



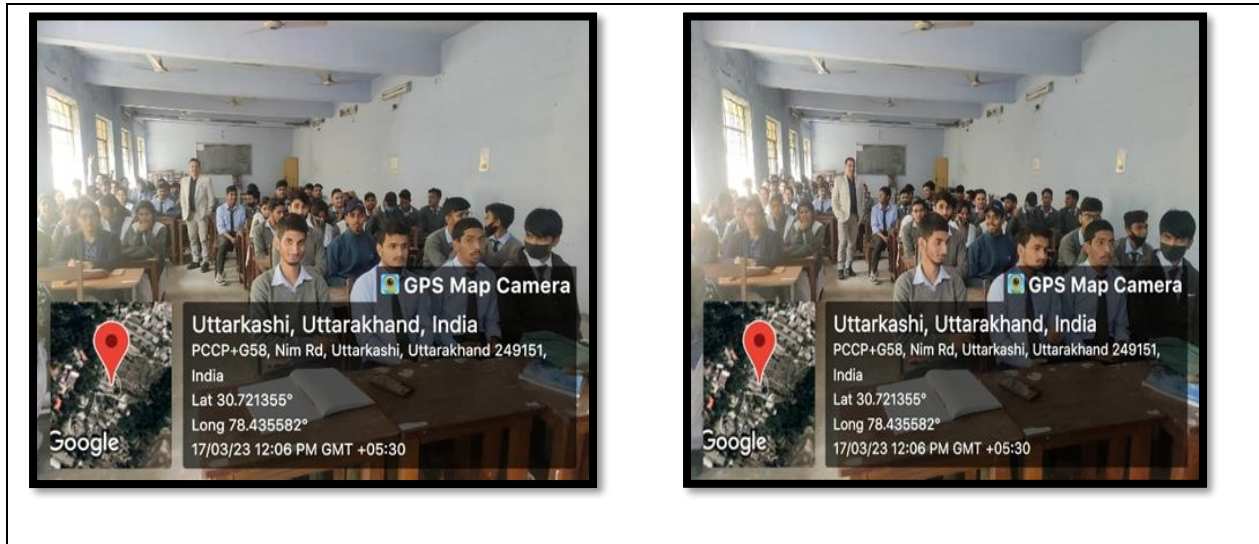
# DIT University Event Report

<b>Name of the Event Coordinator/Convenor:</b> EECE Department, DIT University	<b>Name of the Event:</b> Seminar on “Awareness Program on Smart Electric Vehicles”
<b>Name of the Collaborator(if any) :</b>	<b>Name of The Resource Person (Multi entry in case of more than one resource) :</b> Pradeep Chamoli, Principal, Government Polytechnic Uttarkashi
<b>Start Date and End Date :</b> March 17, 2023	<b>No. of Participant (Students and Faculty) :</b> Students: 55

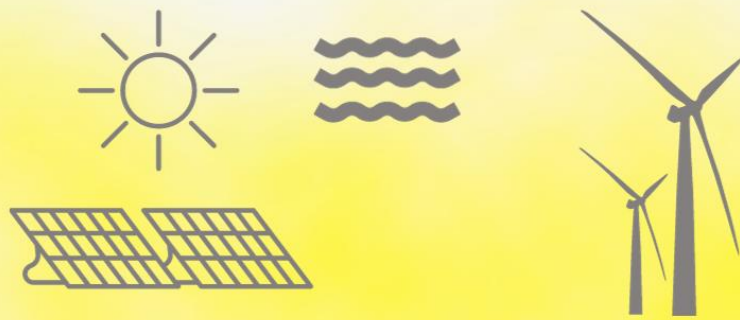
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<p>Geotagged photograph of the event.</p>

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## **AFFORDABLE AND CLEAN ENERGY**