

Report on
Sustainability Transport

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On 27th July 2024, MITS Radio 90.8 conducted an informative talk under the guidance of Sri.M. Narasimhacharlu with Sri. Dr. Prasanth Sekhar (Deputy Group Manager, LEO Associate at MITS Radio The talk aimed to minimize the negative environmental, social, and economic impacts of transportation while ensuring accessibility, safety, and efficiency for all users. Initially RJ Pranathi Introduced the profile of Chief Guest Dr. Dr. Prasanth Sekhar and started interactive session on Sustainability Transport.

Informative talk Key Points:

1. What is Sustainability Development?

Sustainable transport refers to modes of transportation and systems that are designed to be environmentally friendly, socially inclusive, and economically efficient.

Key aspects of sustainable transport include:

a. Environmental Sustainability:

- **Reduction of Emissions:** Minimizing greenhouse gas emissions and air pollutants from vehicles and promoting the use of energy-efficient vehicles and renewable energy sources such as electric or hydrogen-powered vehicles.



b. social Sustainability:

- **Accessibility:** Ensuring transportation systems are accessible to all segments of society, including people with disabilities, the elderly, and low-income communities.
2. The COP 20 and COP 21 meetings were particularly significant in the history of international climate negotiations.

3. Advantages of Sustainability Development

Environmental Benefits

1. Reduced Emissions
2. Resource Conservation
3. Biodiversity Protection

Social Benefits

1. Improved Public Health
2. Increased Accessibility and Mobility
3. Enhanced Safety
4. Improved Quality of Life

Economic Benefits

1. Cost Savings
2. Economic Growth and Job Creation
3. Increased Efficiency
4. Innovation and Competitiveness

4. Advancements in Sustainability transport

1. Electric Vehicles (EVs)
2. Autonomous Vehicles
3. Fuel Cell Vehicles (FCVs)
4. Smart Mobility Solutions

Renewable Energy Integration

1. Solar-Powered Transport
2. Biofuels

Individual Contribution to sustainability Development

- Use buses, trains, trams, and other forms of public transportation instead of personal cars.
- Support and advocate for the expansion and improvement of public transport services.
- Walk or cycle for short trips to reduce reliance on motorized transport.

Finally, RJ Pranathi gave a vote of Thanks to Sri. Dr. Prasanth Sekhar Gary for his valuable suggestions for Sustainability Transport

Outcomes

- Significant decrease in CO2 and other greenhouse gas emissions from vehicles, contributing to the fight against climate change.
- Increased physical activity from walking and cycling, leading to better overall health.
- Fewer traffic accidents and fatalities due to better urban planning, safer vehicle technologies, and improved infrastructure for pedestrians and cyclists.

Conclusion:

Overall, the outcomes of sustainable transport create a positive feedback condition, where environmental, social, and economic benefits reinforce each other, leading to a more sustainable and prosperous future for all.

Photos:





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