



Resource Person

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Speaker

Dr. Gayathri V

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Topics Covered:

- Foundations of Net Zero & Carbon Accounting
- Global Net Zero frameworks and Climate Policies
- Carbon Footprint Calculation (CFP)
- Life Cycle Assessment (LCA) in practice
- Natural Carbon Sinks: Agriculture & Forestry
- Carbon credit mechanisms in the agricultural and forestry sectors
- CCUS as a pillar of net-zero
- From experimentation to commercialization, Technical Pathways
- Post-combustion, Pre-combustion, Direct Air Capture
- Circular Carbon Economy
- Turning waste into value Economics & Policy
- Global frameworks enabling viability
- Incentives and market mechanisms
- Carbon Hubs & Infrastructure
- Corporate Integration & Closing
- Aligning CCUS with sustainability goals
- Key takeaways, Q&A, next steps

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Coordinator

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Technology Information Forecasting & Assessment Council - TIFAC

One Day International Workshop on Carbon Capture & Sustainability 23-03-2026



TIFAC Key Areas

- Sustainable Charging Infrastructure
- Smart Sustainable Mobility
- Sustainable Energy Storage Devices
- Hydrogen Fuel Cells
- Circular Economy for Mobility
- PV Solar Systems