



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**GITAM School of Technology,**  
**GITAM (Deemed to be University), Visakhapatnam**



*Organizing*

*3-Day Faculty Development Program  
on*

**SMART THERMAL  
MANAGEMENT FOR  
SUSTAINABLE E V  
BATTERY  
TECHNOLOGIES**

For Registration

<https://tinyurl.com/3dayreg>

DATE: March 03, 2025 to March 05, 2025

MODE: Hybrid – Online (Google Meet) &  
Offline – Room No. 408,  
Sir Arthur Cotton Bhavan,  
GST, GITAM

TIME: 10.00 am to 04.00 pm (All Three days)

Resource Persons

\* Prof. Kiran Kumar, NITW \* Dr. D. Yogeshwar, IIT Ropar

\* Prof. Ramjee R, IIT Dharwad \* Shri. Seeta Ratnam Gunti, Sydney University

\* Dr. Vempally Muthya Goud, Renault Nissan Technology and Business Centre  
INDIA Pvt. Ltd

Program  
Convener

Dr. R. Rajeswara Reddy

Program  
coordinators

Shri. D. Nagaraju & M A Razack

Contact: 8886157307 / 9394537289; E-Mail: [ndora@gitam.edu](mailto:ndora@gitam.edu)

**PROGRAMME SCHEDULE**  
**3-Day FDP on “SMART THERMAL MANAGEMENT FOR SUSTAINABLE EV BATTERY TECHNOLOGIES”**  
**March 3<sup>rd</sup> – 5<sup>th</sup>, 2025**

**Venue: Sir Arthur Cotton Bhavan GITAM School of Technology, GITAM (Deemed to be University), Visakhapatnam**

DATE / TIME	10 AM to 11:30 AM	11:30 AM to 11:45 AM	11:45 AM to 12:30 PM	12:30 PM to 02:00 PM	02:00 PM to 04:00 PM
03.03.2025	<b>9:50 AM to 10 AM</b> <b>Inaugural Session: Introduction to the Program</b>				
	(Offline) Thermal Management Techniques By Prof. Kiran Kumar K, NIT Warangal	<b>T E A B R E A K</b>	(Offline) Battery Thermal Management of Li-ion batteries By Prof. Kiran Kumar K, NIT Warangal	<b>L U N C H</b>	(Offline) Phase change materials-based Thermal Management By Prof. Kiran Kumar K, NIT Warangal
	(Online) Comprehensive Insights into Lithium-Ion Batteries: Electrochemical Modeling, Thermal Dynamics, and Lifecycle Analysis – I By Shri.D Yogeshwar, IIT Ropar		(Online) Comprehensive Insights into Lithium-Ion Batteries: Electrochemical Modeling, Thermal Dynamics, and Lifecycle Analysis – II By Shri. D Yogeshwar, IIT Ropar		(Online) Advanced Thermal Management of Lithium-Ion Batteries: Cooling Techniques, Design Strategies, and Performance Optimization By Prof. Ramjee R, IIT Dharwad
05.03.2025	(Online) Numerical Modeling of Thermal Runaway of Li-ion Batteries, Designing a optimum cooling techniques to eVTOLs - I By Seeth Ratnam, University of Sydney		(Online) Numerical Modeling of Thermal Runaway of Li-ion Batteries, Designing a optimum cooling techniques to eVTOLs - I By Seeth Ratnam, University of Sydney		(Online) Battery cooling and ML model predictions for battery thermal management By Dr. Vempally Muthya Goud, Senior Engineer @ Renault Nissan Technology and Business Centre India Pvt. Ltd