

12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

14 December 2025, Sunday, Forenoon

***Registration starts at 8.30 a.m.**



Breakfast

7:30 AM - 8:30 AM

Main Lobby, ABC Auditorium



Opening Remarks: Welcome Address and Tutorial Overview

9:00 AM - 9:15 AM

Chanakya Hall



Dr. Riccardo Mandrioli & Dr. Mattia Ricco

University of Bologna, Italy

Modular DAB- Based Smart Transformers and EV Charging Systems

9:15 AM - 10:45 AM; Chanakya Hall



Dr. Sudharshan Kaarthik

IIST Thiruvananthapuram

Electric Power Systems for Small Satellites

9:15 AM - 10:45 AM; Bhaskara Hall

Tea Break: 10:45 AM - 11:00 AM, Lobby (ground floor), ABC Auditorium



Prof. Sandeep Anand & Dr. Arnab Sarkar

IIT Bombay & Jaguar Land Rover

The Rise of GaN-based Power Electronics in EVs

11:00 AM - 12:30 PM; Bhaskara Hall



Lunch

12:30 PM - 1:30 PM

Main Lobby, ABC Auditorium

12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

14 December 2025, Sunday, Afternoon



Dr. Arun Karuppaswamy B.
IIT Madras
Control of Grid Connected Inverters
1:30 PM - 3:00 PM; Chanakya Hall



Mr. Panchalai V. N.
DRDO Kochi
Power Converters in Naval Sonar Systems
1:30 PM - 3:00 PM; Bhaskara Hall



Prof. Kaushik Basu
IISc Bengaluru
Solid State Transformers for DC Fast Charging Stations
3:00 PM - 4:30 PM; Bhaskara Hall

Tea Break: 4:30 PM - 4:45 PM, Lobby (ground floor), ABC Auditorium



Industrial Session
ALTAIR
4:45 PM - 5:15 PM
Chanakya Hall

Industrial Session
OPAL-RT
5:15 PM - 5:45 PM
Chanakya Hall



Industrial Session
Tektronix
5:45 PM - 6:15 PM
Chanakya Hall

Industrial Session
6:15 PM - 6:45 PM
Chanakya Hall



Welcome Dinner & Networking
7:30 PM - 9:00 PM
Main Lobby, ABC Auditorium

12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

15 December 2025, Monday, Forenoon



Breakfast

7:30 AM - 8:30 AM

Main Lobby, ABC Auditorium

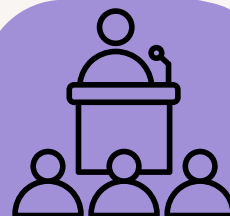


Parallel Paper Presentations 1 (Track 1-6)

9:00 AM - 10:30 AM

Halls A-F, NLHC

Tea Break: 10:30 AM - 10:45 AM, Lobby (ground floor), ABC Auditorium



Inauguration

10:45 AM - 11:20 AM

Bhaskara Hall



Prof. Anil M. Kulkarni

IIT Bombay

Keynote Session 1

11:20 AM - 12:15 PM; Bhaskara Hall



Parallel Paper Presentations 2 (Track 7-12)

12:15 PM - 1:30 PM

Halls A-F, NLHC



Lunch

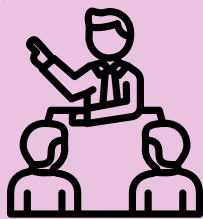
1:30 PM - 2:15 PM

Main Lobby, ABC Auditorium

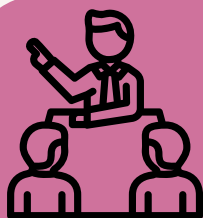
12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

15 December 2025, Monday, Afternoon



Dr. Sudip K. Mazumder
University of Illinois, Chicago
Keynote Session 2
2:15 PM - 3:00 PM; Chanakya Hall



Prof. Balaji Ramakrishnan
National Institute of Ocean Technology
Keynote Session 3
3:00 PM - 3:45 PM; Chanakya Hall



Parallel Paper Presentations 3 (Track 13-18)
3:45 PM - 5:15 PM
Halls A-F, NLHC

Tea Break: 5:15 PM - 5:30 PM, Lobby (ground floor), ABC Auditorium

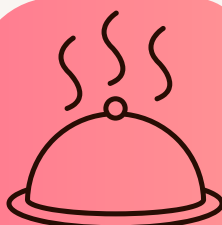


Mathworks
Keynote Session 4
5:30 PM - 6:15 PM
Chanakya Hall



Cultural Events
6:45 PM- 7:30 PM
Kalaripayattu, Dance forms
Main Lobby, ABC
Auditorium

Cultural Events
8:30 PM- 9:30 PM
Aatta kadha
Rabindranath Tagore
Auditorium (OAT)



Gala Dinner
7:30 PM - 8:30 PM
Main Lobby, ABC Auditorium

12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

16 December 2025, Tuesday, Forenoon



Breakfast

7:30 AM - 8:30 AM

Main Lobby, ABC Auditorium

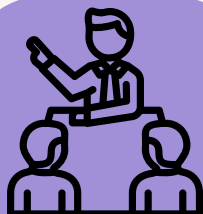


Parallel Paper Presentations 4 (Track 19-24)

9:00 AM - 10:30 AM

Halls A-F, NLHC

Tea Break: 10:30 AM - 10:45 AM, Lobby (ground floor), ABC Auditorium



Dr. Chandrasekar V.

CDAC, Thiruvananthapuram

Keynote Session 5

10:45 AM - 12:15 PM; Chanakya Hall



Parallel Paper Presentations 2 (Track 25-30)

12:15 PM - 1:30 PM

Halls A-F, NLHC



Lunch

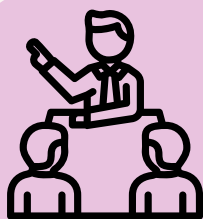
1:30 PM - 2:15 PM

Main Lobby, ABC Auditorium

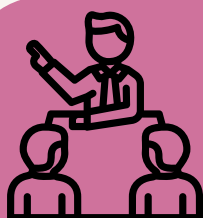
12th National Power Electronics Conference, NIT Calicut

EVENT'S SCHEDULE

16 December 2025, Tuesday, Afternoon



Mr. Pradeep V.
GE Aerospace Research
Keynote Session 6
2:15 PM - 3:15 PM; Chanakya Hall



Dr. Siddavatam Ravi Prakash Reddy
IIT Bombay
Keynote Session 7
3:15 PM - 3:45 PM; Chanakya Hall



Parallel Paper Presentations 6 (Track 31-32)
3:45 PM - 5:15 PM
Halls A&B, NLHC



Valedictory Function
5:15 PM - 5:45 PM
Chanakya Hall



High Tea
5:45 PM - 6:00 PM
Main Lobby, ABC Auditorium

Thankyou for being a part of NPEC 2025!