



Joint Online FDP on
**Electric Vehicles and
Mobility**

14th Mar – 26th Mar, 2022

Electronics & ICT Academy NIT Patna

Organized by:
NIT Patna
MNIT Jaipur
IITDM Jabalpur

Speakers

- 1) Dr. Akshay Kumar Rathore, Concordia University, Canada
- 2) Prof. Gopa Kumar IISC Bangalore
- 3) Prof. Vinod Khadkikar, MIT, UAE
- 4) Prof. B. G. Fernandes, IIT Bombay
- 5) Dr. Sandeep Anand IIT Bombay
- 6) Prof. L. Umanand, IISc Bangalore
- 7) Prof. Mohan Lal Kolhe P, University of Agder, Norway
- 8) Prof. Bhim Singh, IIT Delhi
- 9) Dr. Aprova Yadav IIT Roorkee

Online Registration Link

- <https://forms.gle/oCzrr5cmYJ3FeSKu6>
- **Last date: 12-01-2022**

Key Features

- Live online lectures, Online lab and training sessions by experts.
- Materials and exercises will be shared.
- Discussion forums on research problems.
- Question-Answers, and discussions.

Coordinators (NIT Patna)

- Dr. Amitesh Kumar
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- Dr. Dharmendra Kr. Dheer
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Key Course Content

- Overview of electric vehicles in India
- EV history, battery technology, and National mobility mission 2022
- Electric Propulsion System
- Vehicle subsystems, EV power-train
- Power electronics interface for EV
- EV charging and control (Unidirectional, Bidirectional, and Wireless)
- PFC Rectifier and DC-DC converter technology for EV as an application. Vehicle to Grid and Grid to Vehicle (V2G and G2V)

Course Fee Details

Academic (student/faculty): 500 INR
Industry People/Others : 1000 INR
For Foreign Academics: Rs.4000

Online payment details

Bank Name: Indian Bank
Account Name: NIT Patna
Account No.: 50380476798
IFSC Code: IDIB000B810

For details, visit: <http://www.nitp.ac.in/ict/index.php>

Last Date for registration : 12th March, 2022