



Graphic Era
Deemed to be University
DEHRADUN

NAAC
GRADE A
ACCREDITED UNIVERSITY

Faculty Development Program on *“Introduction to Modern Technologies of Smart Grid”*

Organized by
Department of Electrical Engineering
Graphic Era Deemed to be University, Dehradun

7th March 2022 to 11th March, 2022

Ranked amongst all
64 Management
Institutions
of India

Ranked amongst all
75 Engineering
Institutions
of India

Ranked amongst all
98 Universities
of India

by

nirf
2021 RANKING

NATIONAL
INSTITUTIONAL
RANKING
FRAMEWORK



MHRD
Ministry of Human
Resource Development
Government of India



Diamond Category Rating

Chief Patron

Prof. Kamal Ghanshala, President
Graphic Era (Deemed to be University)
Dehradun

Patron

Prof. R. C Joshi, Chancellor
Graphic Era (Deemed to be University)
Dehradun

Prof. H. N Nagaraja, Vice Chancellor
Graphic Era (Deemed to be University)
Dehradun

Convenor

Dr. P. Thakur,
Professor & Head, EED
Graphic Era (Deemed to be University)
Dehradun

Coordinator

Dr. Sachin Sharma,
Assistant Professor, EED
Graphic Era (Deemed to be University)
Dehradun

Co-Coordinator

Dr. Parvesh Saini,
Associate Professor, EED
Graphic Era (Deemed to be University)
Dehradun

Ms. Niharika Varshney,
Assistant Professor, EED
Graphic Era (Deemed to be University)
Dehradun

Resource Persons

1. Dr. Hemant Ahuja (AKGEC, GZB, UP)
2. Dr. Manoj Kumawat (NIT, Delhi)
3. Dr. Jiwanjot (NIT, Silchar)
4. Dr. Rajvir Kaur (NIT, Puducherry)
5. Dr. Ajay (BITS, Mesra)
6. Dr. Vinay Jadoun
(MIT, Manipal, Karnataka)
7. Dr. Narayanan K
(Sastra Deemed to be University,
Thanjavur, Tamil Nadu)

| About GEU, Dehradun

Graphic Era (Deemed to be University) has been conferred All-India NIRF Rank 75 in the Engineering Category, thus being accorded as the highest-ranked Engineering University in Uttarakhand after IIT Roorkee, 64 in management category, and rank 98 in the University category, in the MHRD NIRF (National Institutional Ranking Framework) Rankings in 2021.

In 2015 Graphic Era University was accredited by NAAC with grade 'A'. Graphic Era University stands proud as the only university in Uttarakhand recognized as one among the top 100 Universities of the country, as an abode of learning and excellence, surpassing all parameters of assessment like teaching, learning, research, graduation outcome, outreach, industrial presence and more for Indian Institutions of higher education. University has acquired transnational dimensions through student exchange and knowledge sharing programs with many foreign universities and has been acclaimed and honored at international forums for its brilliance in upholding the highest standards of education.

| About the Department

The Department of Electrical Engineering aims at providing organizations with engineers who are a best fit for the organization's needs. The department always strive to build such skills among the students in, a systematic manner. The training and placement department has a focused approach to prepare students right from the start of their curriculum. The

training process addresses such areas as building relationship and projecting a personality that is appropriate to a young engineering graduate taking an assignment in an organization. Our students have been placed in various PSUs and National and Multinational Companies of repute.

Research in the department is at the leading-edge of technological innovations and encompasses all major areas of electrical engineering. The department has unique research facilities that enable leading-edge research in many areas such as Power Quality, Energy Systems, Process Control, Biomedical and Biometrics, Power Electronics, and Intelligent Control Systems. These facilities provide an excellent opportunity for graduate students to be trained and gain valuable experience.

| About Dehradun

Dehradun city have great historical significance. This city was an important place under Garhwal rulers. Moreover, several stories of legendary Mahabharata are associated with this place. Various attractions in Dehradun are: The Museum, Robber's Cave, Lacchiwalla, Tapkeshwar Temple, Mindrolling Monastery, Sahastradhara, Clock Tower, Mall Road, Forest Research Institute, Tiger View Jungle Camp, Chetwoode Hall, Jaspal Rana Shooting Ranges, Astley Hall, Trekking, Paltan Bazaar, Ram Rai Gurudwara, Tapovan, Sai Darbar Temple, Malsi Deer Park, Munsyari, Mundali etc.

One-week FDP Includes

Five Days Training will be taken by group of Experts in different area of Power system with the experience of years to decades in the industry and academics. Theme of the FDP are as follows:

1. Renewable Energy Integration in Grid
2. Challenges of Integrated High Penetration of Renewables in Grid
3. Operational Issues of Grid connected Micro grid
4. Power Electronics Interface for Renewable energy sources
5. Distribution System: Operational and Planning Issues
6. Multi-levels Inverter
7. Cyber Security Issues of Smart grid
8. Optimal Planning of dispatchable and Non-dispatchable distributed generation
9. Battery storage system for distribution system

Who Can Participate

Faculty members of AICTE recognized Universities and Engineering colleges all over India, Research scholars, and Industry personals. However priority will be given to the faculty members.

Faculty Development Program on Introduction to Modern Technologies of Smart Grid (07 to 11 March, 2022)

REGISTRATION FORM

1. Name (block letter):
2. Gender: 3. DOB:
4. Designation:
5. Organization:
6. Address for communication:
.....
Pincode: Mobile No.:
- E-mail:
7. Highest Academic Qualification:
8. Specialization:
9. Experience (in years):
(a) Teaching: (b) Industrial:

DECLARATION

I do hereby agree to abide by the rules and regulations of the FDP.

Place: Date:

.....
Signature of the Applicant

Online Registration* link
<https://forms.gle/axzhSa9xnhijC6VA>

*No registration fee

*Last date of registration- 01 March, 2022