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**Report on FACULTY REFRESHER COURSE/PDP CUM WORKSHOP Organized by  
Department of Electrical Engineering and Electronics and Communication  
Engineering**

1 message

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Sat, Mar 2, 2024 at 3:24 PM

**INTEGRAL  
UNIVERSITY****Brief Report  
on  
FACULTY REFRESHER COURSE/PDP CUM  
WORKSHOP****Organized  
by  
Department of Electrical Engineering  
and  
Electronics and Communication Engineering**

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The Faculty Refresher Course Series, consisting of seven insightful modules, was recently conducted to invigorate and enhance the professional development of our esteemed faculty members. The Human Resource Development Centre (HRDC) at Integral University, Lucknow, worked with the Department of Electrical Engineering and the Department of Electronics and Communication Engineering to lead this initiative. The comprehensive program featured seven distinguished speakers, each delivering an expert talk in their respective fields.

The event commenced with Module 1 on September 2, 2023. The program started with the inaugural session by Dr. Mohammad Atif Siddiqui, Head, Electrical

Engineering Department, and Prof. (Dr.) N. R. Kidwai, Integral University, Lucknow.

Dr. Siddiqui warmly welcomed the resource person, faculty members, and research scholars. During his address, he underscored the significance of the Refresher Course, emphasizing the need for continuous adaptation to the latest technologies and research-oriented tools.

Prof. N. R. Kidwai encouraged all participants to proactively embrace flexibility in the teaching-learning process to effectively meet the evolving expectations of students in the digital era.

The subsequent modules delved into diverse topics, providing participants with a broad spectrum of knowledge and skills. The engaging sessions were meticulously designed to cater to the varied interests and expertise of the faculty members. There were more than 50 people present, including faculty, staff, and research scholars. The response from the audience was quite overwhelming. The Faculty Refresher Course Series received positive feedback from attendees, who expressed their appreciation for the relevance and depth of the content. Many participants noted that the knowledge gained during the event would significantly contribute to their teaching, research, and overall professional growth.

A brochure of the FACULTY REFRESHER COURSE/PDP CUM WORKSHOP is attached hereunder:





**INTEGRAL  
UNIVERSITY**  
LUCKNOW-INDIA

**A+** ACCREDITED  
BY NAAC



# REFRESHER COURSE/PDP CUM WORKSHOP ON **ADVANCEMENTS & CHALLENGES IN EMERGING TRENDS IN ELECTRICAL ENGINEERING**

2<sup>nd</sup> SEP TO 21<sup>st</sup> OCT, 2023

Organized by

Department of Electrical Engineering &  
Department of Electronics & Communication Engineering  
Integral University, Lucknow

under the aegis of

Human Resource Development Centre (HRDC),  
Integral University, Lucknow



## About the University

Integral University is situated in Lucknow, a city known for its culture, etiquette, monuments and role in the freedom struggle. Integral University has a unique culture of inclusiveness, diversity, personal and intellectual integrity and value-based education.

The curriculum has a strong focus on individual growth and the development of essential tools so that its students make a mark in the corporate world and the field of technology. These are solidly supported by a highly qualified and trained team of accomplished



## Course Objectives

To enrich the participants with

- Recent Advancements and Applications of Electrical Machines
- Demand side management
- Advancement in Control Strategies
- Energy conservation and energy management
- Power Electronics Converters
- Automation & Instrumentation
- Sustainable Energy technologies
- Electric vehicles




CHIEF-PATRON	PATRONS	
 <b>Prof. S.W. AKHTAR</b> FOUNDER & CHANCELLOR Integral University, Lucknow	 <b>Dr. SYED NADEEM AKHTAR</b> PRO-CHANCELLOR Integral University, Lucknow	 <b>Prof. JAVED MUSARRAT</b> VICE - CHANCELLOR Integral University, Lucknow

CO-PATRONS			
 <b>Syed M. Fauzan Akhtar</b> Executive Director IADR, Integral University, Lucknow	 <b>Syed Adnan Akhtar</b> Executive Director, IIR Integral University, Lucknow	 <b>Prof. Mohd. Haris Siddiqui</b> Registrar Integral University, Lucknow	 <b>Prof. Syed Aqeel Ahmad</b> Director, HRDC Integral University, Lucknow

PROGRAM CONVENER	
 <b>Dr. Mohammad Arif Siddiqui</b> Head, Department of Electrical Engineering Integral University, Lucknow	 <b>Prof. (Dr.) N. R. Kidwai</b> Head, Department of Electronics & Communication Engineering Integral University, Lucknow

FACULTY COORDINATORS		
 <b>Dr. Mirza Mohd Shadab</b> Assistant Professor Department of Electrical Engineering Integral University, Lucknow	 <b>Dr. Ahmad Faiz Miral</b> Assoc. Professor Department of Electrical Engineering Integral University, Lucknow	 <b>Dr. Imran Ullah Khan</b> Assoc. Professor Department of Electrical Engineering Integral University, Lucknow

RESOURCE PERSONS			
 <b>Prof. Ashwath Kumar Singh</b> Professor Department of Electrical Engineering Mohi Uddin National Institute of Technology (MNNIT) Prayagraj, Uttar Pradesh <b>TOPIC</b> Renewable Energy Integration : Advancements and Challenges 3 <sup>rd</sup> September, 2023	 <b>Prof. Kuldeep Sahu</b> Head Department of Electrical Engineering Institute of Engineering and Technology (IET), Lucknow (Sector 90C, Block, VIII) Prayagraj <b>TOPIC</b> Harnessing of Electrical Energy Through Electric Mass Generator 0 <sup>th</sup> September, 2023	 <b>Mrs. Farha Bano</b> Women Scientist TNSIC, DST, Govt. of India <b>TOPIC</b> IPR Awareness in Academic Institutions 16 <sup>th</sup> September, 2023	 <b>Dr. Nishat Anwar</b> Assistant Professor Department of Electrical Engineering National Institute of Technology Patna, Bihar, India <b>TOPIC</b> Controller Design in Improved Control Structures for Linear Time-Invariant Systems 22 <sup>nd</sup> September, 2023

 <b>Dr. Saifullah Rasool</b>	 <b>Mirza Muhammad Zahoor</b>	 <b>Prof. Ehsan Khan</b>
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Assistant Professor  
Department of Electrical Engineering  
Indian Institute of Technology,  
Prayag, Prayag, India

Executive Engineer (P)  
HRD Training & Development Network  
Indian Institute of Technology  
(HRD)

Chairman  
Department of Electrical & Communication Engineering  
Aligarh Muslim University  
Aligarh

## Glimpses:



### Module 1:

**Resource Person:** Prof Asheesh Kumar Singh, Professor, Department of Electrical Engineering, MNNIT Allahabad, Prayag raj, Uttar Pradesh

**Topic:** Renewable Energy Integration: Advancement and Challenges

**Date & Time:** September 2, 2023, 11:30 AM

**Venue:** Hall 2, Central Auditorium Complex, Academic Block-C



### Module 2:

**Speaker:** Prof Kuldeep Sahay, Head, Department of Electrical Engineering, IET Lucknow, Director, REC, Basti, Uttar Pradesh

**Topic:** Harnessing of Electrical Energy Tribo Electric Nano Generator

**Date & Time:** September 9, 2023, 11:30 AM

**Venue:** Hall 2, Central Auditorium Complex, Academic Block-C



### Module 3:

**Speaker:** Mrs. Farha Bano, Women Scientist, TIFAC, DST, Govt. of India

**Topic:** IPR Awareness in Academic Institutions

**Date & Time:** September 16, 2023, 11:30 AM

**Venue:** Seminar Hall, Bio Engineering, Academic Block B



### Module 4:

**Speaker:** Dr. Md. Nishat Anwar, Assistant Professor, Department of Electrical Engineering, NIT Patna, Bihar.

**Topic:** Controller Design in Improved Control Structures for Linear Time Invariant Systems





### Module 5:

**Speaker:** Dr. Saifullah Payami, Assistant Professor, Department of Electrical Engineering, IIT Ropar, Punjab

**Topic:** Multiphase (more than three phase) Machines and its Control, Design and Fault Diagnosis of Electric Machines

**Date & Time:** September 30, 2023, 11:30 AM

**Venue:** Hall 2, Central Auditorium Complex, Academic Block-C



### Module 6:

**Speaker:** Mirza Mohammad Zaheer, Scientist / Engineer SF, ISRO Telemetry Tracking and Command Network, Indian Space Research Organisation (ISRO).

**Topic:** Indian Remote Sensing Satellites and Applications

**Date & Time:** October 7, 2023, 11:30 AM

**Venue:** Hall 2, Central Auditorium Complex, Academic Block-C



### Module 7:

**Speaker:** Prof. Ekram Khan, Chairman, Deptt. of ECE, AMU, Aligarh

**Topic:** Image and Video Compression: Past, Present and Future

**Date & Time:** October 20, 2023, 11:30 AM

**Venue:** Hall 2, Central Auditorium Complex, Academic Block-C

The last day of the event ended with the vote of thanks delivered by Dr. Mirza Mohd Shadab from the Department of Electrical Engineering, Integral University, Lucknow, where he presented a brief report on all the sessions covered during the course. Furthermore, Dr. Shadab thanked Prof. Syed Aqeel Ahmad, (Director HRDC), Head of the Departments (EE and ECE), Speakers, & Participants for making this Refresher Course a successful program with positive outcomes.

**Warm Regards,**

**Dr. Mohammad Atif Siddiqui**

**Head, Department of Electrical Engineering**

**Integral University, Lucknow**