

## K.R. Mangalam University

K.R. Mangalam University is located at wonderful location with magnificent view of Aravalli hills. The campus is beautiful having all facilities and resources for conducting learning environment. The University offers a large number of UG, PG and Doctoral programs in Applied Sciences, Engineering, Computer Sciences, Pharmacy, Business Management, Education, Media Studies, Law, Governance, Architecture, Hotel Management, and Agriculture etc.

University has an excellent infrastructure with state-of-art laboratories, computer lab, library and campus wide Wi-Fi facility. The University is ably led by the Chancellor Prof. Dinesh Singh, who is a great visionary and educational administrator. Vice Chancellor Prof. P. Prakash and Pro-Vice Chancellor Prof. P. Tripathi, ensure innovative pedagogy and quality research.

K.R. Mangalam University has been a niche to the learned faculty members from all fields. The University has been organizing many National and International events in different areas funded by reputed government/non-government agencies.

## About FDP

Faculty development program intends to facilitate upgradation of knowledge and skill development of faculty/industry person in various thrust areas. Training in renewable energy will bring the required transformation of the faculty members towards the research and development in this sector. The Department of Electrical & Electronics Engineering and Department of Mechanical Engineering are taking the initiative to train students and faculty for entrepreneurial challenges in the field of renewable energy. FDP would prove a launch pad for building a successful and satisfying career for educators, researchers and industry persons. We will continue to strive to make FDP a rewarding experience for new and upcoming competent future entrepreneurs in renewable energy sector.

## Topics

- Wind Energy
- Solar Energy
- Design & Control of RE using Power Electronics
- Energy Storage
- Electric Vehicles
- Integration of Renewable sources with Grid
- AI & ML applications in Smart Grid

## Eligibility

Faculty members from recognized Universities/Institutions, Research Scholars, Industry personnel are eligible to attend the course.

## Program Fees

The Registration fee for joining this program

Faculty/Research Scholars ₹ 100

Industry Delegates ₹ 300

## Members & Speakers

### • CHIEF PATRONS

Prof. Dinesh Singh, Chancellor, KRMU

### • PATRONS

Prof. P. Prakash, Vice Chancellor, KRMU

Prof. P. Tripathi, Pro-Vice Chancellor, KRMU

### • COORDINATORS

Dr. Vinod Dahiya, Coordinator, SOET

Mr. Surendra Kumar Yadav, M.E., SOET

Mrs. Muskan Katoch, B.E., SOET

### • EMINENT SPEAKERS

Dr. S. Aravamudan, R.I.E.T. University, Gurgaon, A.P.

Dr. Sangeeta Kataria Pedersen, Aarhus University, Denmark

Dr. Subhendu Roy, Curtin University, Malaysia

Dr. Harish Patel, Govt. Engineering, College Patan, Gujarat

Dr. Deepak Sharma, NIT Raipur, H.P.

Dr. Dharmaj Joshi, Delhi Technological University, New Delhi

Dr. Abhishek Hagar, Jamia Millia Islamia, New Delhi

Dr. Ganesh Kumar Suresh, Anna University, Chennai

Dr. Babasaheb Patil, Chandigarh University, Chandigarh

Prof. Dr. Prabhat Kumar, IACS, Kolkata

Dr. Nitin Malik, Northrop University, Gurgaon

Dr. Anshu Gupta, Omacharya Group of Institutions, Greater Noida

Mr. T. Mathuram, NIST, Hyderabad

Dr. Vikram Sharma, NSE Gurgaon

## PAYMENT DETAILS

NEFT/DD In favour of K.R. MANGALAM UNIVERSITY, HDFC BANK LTD., SOHNA, DISTT. GURUGRAM - 122103  
A/C NO. - 50200007007362 | IFSC - HDFC0000822

Send a copy of Bank slip to Email Id: [accounts@krmangalam.edu.in](mailto:accounts@krmangalam.edu.in) with Name, Bank Name, UTR No. Date, Amount, Mobile No.

For Paytm:

[http://mlp.y.tn/KRMangalamuni\\_sms](http://mlp.y.tn/KRMangalamuni_sms) (click on new registration tab and select event registration fee to make a payment)

Registration Link: <https://forms.gle/XjBE1Z7yy4Qh886>

## CONTACT DETAILS

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K.R. MANGALAM UNIVERSITY

THE COMPLETE WORLD OF EDUCATION

Recognized under the Section 2(f) of the UGC Act 1956

Faculty Development Programme

ON

RECENT TRENDS  
IN RENEWABLE ENERGY

2<sup>nd</sup> to 06<sup>th</sup> August 2021



Organized By

DEPARTMENT OF ELECTRICAL & ELECTRONICS  
ENGINEERING AND DEPARTMENT OF  
MECHANICAL ENGINEERING  
School of Engineering & Technology

Phone No.: +91-0600697010, Help Line No.: 011-48884888  
[www.krmangalam.edu.in](http://www.krmangalam.edu.in)

## FIVE DAY ONLINE FACULTY DEVELOPMENT PROGRAM

ON  
**RECENT TRENDS IN RENEWABLE ENERGY**  
2nd-06th August, 2021

Organized by  
**School of Engineering  
and Technology**

Day and Date  
August-02/ Monday 9:30 AM to 11:00 AM  
**Session 1**

Power Electronics in Electric Vehicles  
Prof. Sanjeev Kumar  
Padmanaban Aarhus University, Denmark

Day and Date  
August-03/ Tuesday 9:30 AM to 11:00 AM  
**Session 4**

Induction Generator: Analysis and Control  
Dr. Dheeraj Joshi  
Delhi Technological University New Delhi

Day and Date  
August-04/ Wednesday 9:30 AM to 11:00 AM  
**Session 7**

Research and Innovations on Solar Still  
Dr. Hiten Panchal  
Government Engineering College Patan, Gujarat

Day and Date  
August-05/ Thursday 9:30 AM to 11:00 AM  
**Session 10**

Soft Computing Based Islanding detection of  
Grid connected Solar Inverters  
Dr. Ahreshamul Haque, Jamia Millia Islamia, New Delhi

Day and Date  
August-06/ Friday 9:30 AM to 11:00 AM  
**Session 13**

Modified 2D Materials for Photoelectrochemical  
Hydrogen Generation  
Dr. Praveen Kumar Indian Association for the  
Cultivation of Science, Kolkata

Day and Date  
August-02/ Monday 11:30 AM to 1:00 PM  
**Session 2**

Small Scale Wind Turbines for Sustainable  
Energy Generations  
Dr. Sukanta Roy, Curtin University, Malaysia

Day and Date  
August-03/ Tuesday 11:30 AM to 1:00 PM  
**Session 5**

Design and Control of PE Converter  
Dr. Ganesh Kumar Srinivasan,  
Anna University, Chennai

Day and Date  
August-04/ Wednesday 11:30 AM to 1:00 PM  
**Session 8**

Importance of Phase Change Materials in Solar  
Thermal Applications  
Dr. Deepak Sharma, NIT Hamirpur, HP

Day and Date  
August-05/ Thursday 11:30 AM to 1:00 PM  
**Session 11**

Harvesting Ambient Energy - Powering IoT  
Dr. S. Arunmetha  
KLEF University Guntur, AP

Day and Date  
August-06/ Friday 11:30 AM to 1:00 PM  
**Session 14**

Solar Power Plant Maintenance:  
A Challenge in India  
Dr. Arpita Gupta, DCE, Greater Noida

Day and Date  
August-02/ Monday 2:00 PM to 3:30 PM  
**Session 3**

EV chargers and retrofitting of EV Vehicles  
T. Muthukumar  
NSIC, Hyderabad

Day and Date  
August-03/ Tuesday 2:00 PM to 3:30 PM  
**Session 6**

Real Time Fault Detection in Offshore Wind Farm  
Dr. Rehana Parveen,  
Chandigarh University, Chandigarh

Day and Date  
August-04/ Wednesday 2:00 PM to 3:30 PM  
**Session 9**

Optimal Allocation of DG in Power Distribution Network  
Dr. Nitin Malik,  
Northcap University, Gurugram

Day and Date  
August-05/ Thursday 2:00 PM to 3:30 PM  
**Session 12**

Solar Plant Installation  
Dr. Vikrant Sharma  
National Institute of Solar Energy Gurugram

Test  
Feedback and Validation