



POORNIMA

COLLEGE OF ENGINEERING

Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

A Report on Faculty Development Program

- ♦ **TITLE AND DURATION:** “Recent Trends and Advances in Renewable Energy Sources” from February 18-22, 2021.
- ♦ **SUPPORTERS:** TEQIP-III.
- ♦ **ORGANIZERS:** Electrical Engineering Department, Poornima College of Engineering, Jaipur.
- ♦ **BROCHURE / POSTER / LEAFLET / FLYER:**

RTU (ATU) TEQIP-III sponsored
One Week (5 Days) FDP on
**“RECENT TRENDS AND ADVANCES IN
RENEWABLE ENERGY SOURCES”**
February 18-22, 2021
Department of Electrical Engineering, Poornima College of Engineering, Jaipur
Cordially invite you to Inaugural Session

Resource Persons				
 Prof. R. A. Gupta Chief Guest Hon'ble Vice Chancellor, RTU Kota	 Prof. Dharendra Mathur Guest of Honour TEQIP Coordinator, RTU Kota	 Dr. Sashidhar Sampathirao Guest of Honour Assistant Professor, IIT, GOA	 Dr. Mahesh M. Bunde Director & Principal PCE, Jaipur	 Ar. Rahul Singhi Director Poornima Group, Jaipur
 Mr. Pankaj Dhemla Vice Principal PCE, Jaipur	 Dr. A.K. Sharma Event Coordinator RTU, Kota	 Dr. S.K. Sharma Event Coordinator RTU, Kota	 Dr. Virendra Sangtani Head of Department, EE PCE, Jaipur	 Dr. Md. Asif Iqbal Associate Professor, EE, PCE Host Coordinator
 Dr. Vilas Warudkar Associate Professor MANIT Bhopal	 Dr. Vivek Shrivastava Associate Professor NIT, Delhi	 Dr. Ajay Kumar Bansal Associate Professor & Dean, SET, Central University of Haryana	 Dr. Shailendra Kumar Dwivedi Assistant Professor, Maulana Azad National Institute of Technology, Bhopal	 Dr. Kishor V. Bhadane Associate Professor, Amrutvahini College of Engineering, Sangamner
 Dr. Rajan Kumar Assistant Professor NIT, Hamirpur (H.P.)	 Mr. Arvind Kumar Solanki Sr. Manager (Mech) NHPC Ltd, HP	 Dr. Kailash Chand Sharma Assistant Professor, Dr. B.R. Ambedkar NIT, Jalandhar		

Day Date : Thursday, February 18, 2021, • Time: 11.00 am to 11.30 am

To join the Inaugural Session on **RSVP**


Google Meet

Prof. A. K. Sharma Event Coordinator, RTU, Kota	Dr. S.K. Sharma Event Coordinator, RTU, Kota	Dr. Virendra Sangtani Host Coordinator	Dr. Md. Asif Iqbal Host Coordinator
--	---	---	--

Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, FIICO Institutional Area
Stapura, JAIPUR

PROGRAM SCHEDULE:

S. No	Activity	Duration	Time
1.	<p>Welcome of Dignitaries and Introduction of Workshop by Dr. Pravin Sonwane, Dy. HOD (Academic), Department of Electrical Engineering, PCE, Jaipur</p> <ul style="list-style-type: none"> Prof. R. A. Gupta, Hon'ble Vice Chancellor, RTU Kota (Chief Guest) Prof. (Dr.) Dhirendra Mathur, RTU (ATU) TEQIP-III, Coordinator, RTU, Kota (Guest of Honour) Dr. Sashidhar Sampathirao, Assistant Professor, IIT, GOA (Guest of Honour) Prof. A. K. Sharma, RTU Event Coordinator, RTU, Kota Dr. S. K. Sharma, RTU Event Coordinator, RTU, Kota Ar. Rahul Singhi, Director, Poornima Group, Jaipur Dr. Mahesh Bunde, Director & Principal, Poornima College of Engineering, Jaipur Er. Pankaj Dhemla, Vice-Principal, Poornima College of Engineering, Jaipur Dr. Rekha Nair, Dean, I Year, Poornima College of Engineering, Jaipur Dr. Virendra Sangtani, HOD, Department of Electrical Engineering, PCE, Jaipur Dr. Md. Asif Iqbal, Coordinator, FDP 	05 Min	11:00 AM-11:05 AM
2.	Welcome Address by Dr. Mahesh Bunde , Director & Principal, Poornima College of Engineering, Jaipur	05 Min	11:05 AM-11:10 AM
3.	Address by Ar. Rahul Singhi , Director, Poornima Group, Jaipur	05 Min	11:10 AM-11:15 AM
4.	Introduction of Guest of Honour and Address by Guest of Honour (Prof. (Dr.) Dhirendra Mathur , RTU (ATU) TEQIP-III, Coordinator, RTU, Kota)	05 Min	11:15 AM-11:20 AM
5.	Introduction of Guest of Honour and Address by Guest of Honour (Dr. Sashidhar Sampathirao , Assistant	05 Min	11:20 AM-11:25 AM


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 ISI-6, FIICO Institutional Area
 Stapura, JAIPUR

	Professor, IIT, GOA)		
6.	Introduction of Chief Guest & Inaugural Address by the Chief Guest Prof. (Dr.) R.A. Gupta , Hon'ble Vice Chancellor, RTU Kota	05 Min	11:25 AM-11:30 AM
7.	Vote of Thanks by Dr. Virendra Sangtani , HOD, Department of Electrical Engineering, PCE, Jaipur	02 Min	11:30 AM-11:32 AM

Programme Outline	
Thursday, Day 1: 18February, 2021	
11.00 am – 11.30 am	<u>Inaugural Function</u> Prof. R. A. Gupta , Hon'ble Vice Chancellor, RTU Kota (Chief Guest) Dr. Dharendra Mathur , Guest of Honour, TEQIP Coordinator, RTU, Kota Dr. Sashidhar Sampathirao , Guest of Honour, Asst. Professor, IIT, Goa Prof. A. K. Sharma , RTU Event Coordinator Dr. S. K. Sharma , RTU Event Coordinator Ar. Rahul Singhi , Director, Poornima Group, Jaipur Dr. Mahesh Bunde , Director & Principal, Poornima College of Engineering Er. Pankaj Dhemla , Vice-Principal, Poornima College of Engineering, Jaipur Dr. Rekha Nair , Dean, I Year, Poornima College of Engineering, Jaipur Dr. Virendra Sangtani , HOD, Department of Electrical Engineering, PCE Dr. Pravin Machhindra Sonwane , Dy. HOD (Academics), Department of Electrical Engineering, PCE Dr. Md. Asif Iqbal , Coordinator, FDP
11.30 am - 1.00 pm	<u>Session-1</u> Topic: Electrical Technologies for Renewable Energy Resource Person: Dr. Sashidhar Sampathirao, Assistant Professor, Electrical Engineering Department, IIT GOA
1.00 - 01.30 pm	BREAK
01.30 pm – 03.00 pm	<u>Session-2</u> Topic: Wind Energy and Solar Photo Voltaics Resource Person: Dr. Vilas Warudkar, Associate Professor, Department of Mechanical Engineering, MANIT Bhopal

Programme Outline
Friday, Day 2: 19February, 2021

11.00 am -12.30pm	<p align="center"><u>Session-3</u></p> <p>Topic:Power quality Enhancement of Grid Connected Wind energy</p> <p>Resource Person: Dr. Kishor V. Bhandane, Associate Professor, Department of Electrical Engineering, Amrutvahini College of Engineering, Sangamner, Maharashtra</p>
12.30 -01.30 pm	<p align="center">BREAK</p>
01.30 pm - 03.00 pm	<p align="center"><u>Session-4</u></p> <p>Topic:Grid Integration of Multifunctional Solar Energy Conversion Systems</p> <p>Resource Person: Dr. Shailendra Kumar Dwivedi, Assistant Professor, Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, M.P., India.</p>
<p align="center">Programme Outline</p>	
<p align="center">Saturday, Day 3: 20February, 2021</p>	
11.00 am -12.30pm	<p align="center"><u>Session-5</u></p> <p>Topic:Development of Solar Water Pumping System Using Brushless DC Motor Drive</p> <p>Resource Person: Dr. Rajan Kumar, Assistant Professor, Department of Electrical Engineering, National Institute of Technology Hamirpur (H.P.), India</p>
12.30 -01.30 pm	<p align="center">BREAK</p>
01.30 pm - 03.00 pm	<p align="center"><u>Session-6</u></p> <p>Topic:Wind Power Trading in Electricity Markets</p> <p>Resource Person: Dr. Kailash Chand Sharma, Assistant Professor, Department of Electrical Engineering, National Institute of Technology Jalandar. India</p>
<p align="center">Programme Outline</p>	
<p align="center">Sunday, Day 4: 21 February, 2021</p>	
11.00 am -12.30pm	<p align="center"><u>Session-7</u></p> <p>Topic:Reliability Issues in Renewable Energy Sources</p> <p>Resource Person: Dr. Vivek Shrivastava, Associate Professor, National Institute of Technology, Delhi</p>
12.30 -01.30 pm	<p align="center">BREAK</p>
01.30 pm - 03.00 pm	<p align="center"><u>Session-8</u></p> <p>Topic:Synchronization and De- Synchronization of PV battery based Micro grid with enhanced Power Quality</p> <p>Resource Person: Dr. Shailendra Kumar Dwivedi, Assistant Professor, Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, M.P., India.</p>

DETAILS OF EXPERTS:

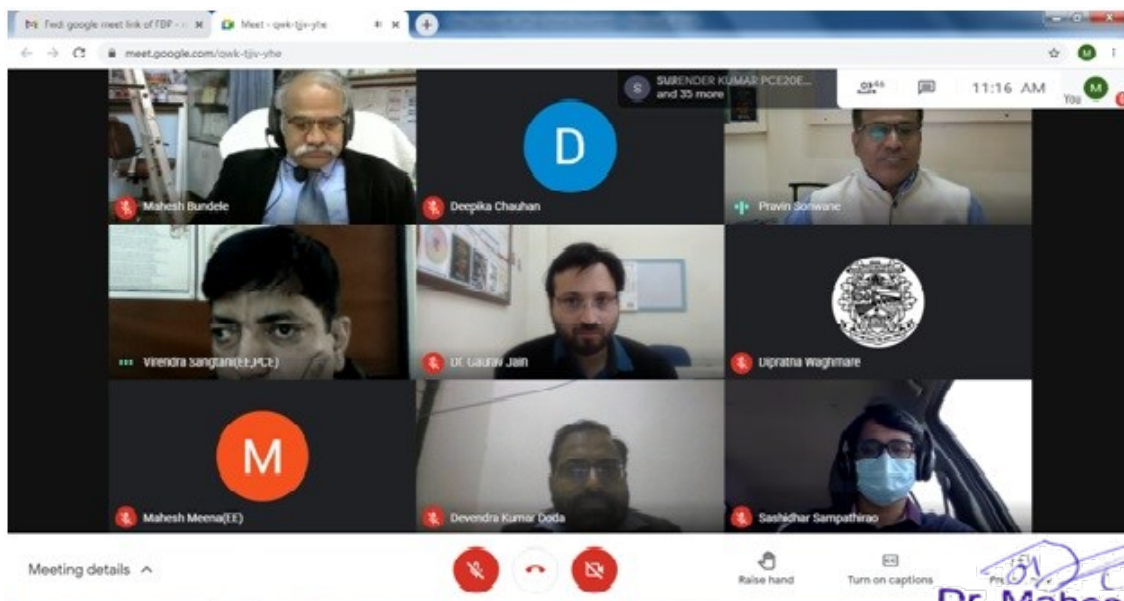
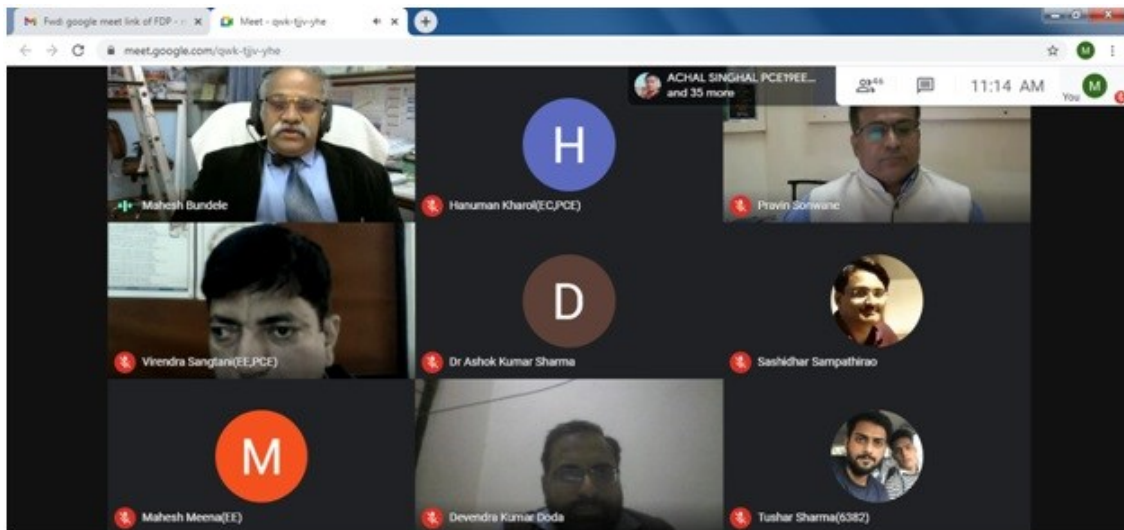
1. Dr. Sashidhar Sampathirao, Assistant Professor, Electrical Engineering Department IIT GOA.
2. Dr. Vilas Warudkar, Associate Professor, Department of Mechanical Engineering


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 ISI-6, FIICO Institutional Area
 Sitapura, JAIPUR

MANIT Bhopal.

3. Dr. Kishor V. Bhandane, Associate Professor, Department of Electrical Engineering, Amrutvahini College of Engineering, Sangamner, Maharashtra.
4. Dr. Shailendra Kumar Dwivedi, Assistant Professor, Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, M.P., India.
5. Dr. Rajan Kumar, Assistant Professor, Department of Electrical Engineering, National Institute of Technology Hamirpur (H.P.), India.
6. Dr. Kailash Chand Sharma, Assistant Professor, Department of Electrical Engineering, National Institute of Technology Jalandar. India.
7. Dr. Vivek Shrivastava, Associate Professor, National Institute of Technology, Delhi.
8. Dr. Shailendra Kumar Dwivedi, Assistant Professor, Department of Electrical Engineering, Maulana Azad National Institute of Technology, Bhopal, M.P., India.
9. Mr. Arvind Solanki, Sr. Manager (Mech), NHPC.
10. Dr. Ajay Kumar Bansal, Associate Professor, Central University of Haryana

❖ GLIMPSES OF THE ONLINE SESSION:





NEWS IN PRESS:




CERTIFICATE FORMAT:

	<p>TEQIP-III Sponsored FDP on RECENT TRENDS AND ADVANCES IN RENEWABLE ENERGY SOURCES Organised By Rajasthan Technical University, Kota Poornima College of Engineering, Jaipur</p>	
Ref No. /182221/1010 /2021		
<h1>Certificate</h1>		
<p>This is to certify that <u>Dr./Mr./Ms.</u> _____ of _____ has participated in the 5-Day FDP on <u>'Recent Trends and Advances in Renewable Energy Sources'</u> held from <u>18/02/2021</u> to <u>22/02/2021</u> at <u>'Poornima College of Engineering'</u>.</p>		
<p> Prof. A. K. Sharma RTU, Kota</p>	<p> Dr. S. K. Sharma RTU, Kota</p>	
<p> Dr. Asif Iqbal EED, PCE, Jaipur</p>	<p> Dr. Virendra Sangtani EED, PCE, Jaipur</p>	<p> Dr. Mahesh M. Bunde Director & Principal, PCE, Jaipur</p>

LIST OF PARTICIPANTS:

1	Mayank Sharma	POORNIMA COLLEGE OF ENGINEERING	mayank.s@poornima.org
2	Ruchi Varshney	MIT Moradabad	ruchi25varshney@gmail.com
3	Devendra Kumar Doda	Poornima College of Engineering	devendra.doda@poornima.org
4	Vaishali Shirsath	Sandip University Nashik	Vaishups2k@gmail.com
5	UDIT MAMODIYA	POORNIMA COLLEGE OF ENGINEERING	udit.mamodiya@poornima.org
6	RAHUL SHARMA	Poornima College of Engineering, Jaipur rajasthan	rahul.sharma@poornima.org
7	Dr Amit Shrivastava	Poornima University	apasjpr@gmail.com
8	Dr Rupali Shrivastava	Vivekananda Global University	rupali.rec@gmail.com
9	Dr. Gaurav Jain	Poornima college of engineering Jaipur	gaurav.jain@poornima.org
10	Shivaji K. Maknikar	Zeal College of Engg and Research Pune	shivaji.maknikar@zealeducation.com
11	Subhash V Jadhav	SVERI'S College of engineering Pandharpur	svjadhav@coe.sveri.ac.in
12	Satish kumar jangid	Vivekananda institute of technology	jangid.satish@vitj.ac.in
13	Atul Murlidhar Shewale	K. K. Wagh Institute of Engineering	amshewale@kkw


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 ISI-6, FIICO Institutional Area
 Sitapura, JAIPUR


Poornima College of Engineering - Activity Report - 2020-21

		Education and Research	
14	MUKUR GUPTA	VIVEKANANDA INSTITUTE OF TECHNOLOGY	gupta.mukur@vitj.ac.in
15	Sunil Kumar Jakhar	Vivekananda Institute of Technology Jaipur	jakhar.sunil@vitj.ac.in
16	Iswar Singh	Vivekananda Institute of Technology Jaipur	iswar2singh@gmail.com
17	Dr.Gaurav Srivastava	POORNIMA COLLEGE OF ENGINEERING	gaurav.srivastava@poornima.org
18	Dr. Deepika chauhan	POORNIMA COLLEGE OF ENGINEERING	Deepika.Chauhan@poornima.org
19	Khushboo Shekhawat	Jaipur National University	khushbooshekhawat94@gmail.com
20	Dr. Virendra Swaroop Sangtani	Poornima College of Engineering	Virendra.sangtani@poornima.org
21	Brijraj Singh Solanki	Poornima College of Engineering	brijraj@poornima.org
22	Mahesh Kumar Meena	Poornima College of Engineering	mahesh.meena78@poornima.org
23	PANKAJ GAKHAR	POORNIMA COLLEGE OF ENGINEERING	PANKAJ.GAKHAR@POORNIMA.ORG
24	Mohammad Asif Iqbal	Poornima College of Engineering	asif@poornima.org
25	Dr Himani Goyal Sharma	POORNIMA COLLEGE OF ENGINEERING	himani.goyal@poornima.org
26	Hariprasath Manoharan	Audisankara College of Engineering and Technology	hari13prasath@gmail.com
27	Vivek Dilip Bavdhane	RSCOE Tathawade Pune	vivek.bavdhane@gmail.com
28	Dr. Pravin Sonwane	Poornima College of Engineering	pravin.sonwane@poornima.org
29	Dr G Hari Krishnan	Sree Vidyanikethan Engineering College	haris.eee@gmail.com
30	Vejendla Naga Sriram	VIT - AP	vegendlan@gmail.com
31	Dr. Madhusudan Govindrao Tandale	Univ. of Technology & Applied Sciences-HCT, Muscat	mgtandale@hotmail.com
32	CHINNAHAJISAGARI MOHAMMAD AKRAM	S.R.K. Institute of Technology	akram.klu@Gmail.com
33	Dr. Sarita Ola	Arya College of Engineering and Information Technology	sarita.ola06@gmail.com
34	Avinash Vitthalrao Gadekar	Marathwada Institute of Technology, Aurangabad, Maharashtra	avinash.gadekar@gmail.com
35	Nitin Gudadhe	Shri Ramdeobaba College of Engineering and Management	gudadhenp@rk nec.edu
36	Dr. Pravin Anandrao Pawar	METROPOLITAN INSTITUTE OF TECHNOLOGY AND MANAGEMENT, SINDHUDURG	pravin.1900@gmail.com


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 ISI-6, FULCO Institutional Area
 Stapura, JAIPUR

Poornima College of Engineering - Activity Report - 2020-21

37	Dipratna Jalinder Waghmare	Shri Tuljabhavani College of Engineering Tuljapur	deewagh.a@gmail.com
38	Dr. Mukesh Kumari	Maheshwari Girls P. G. College	jangirmukesh15@gmail.com
39	VINIT SHAH	FREEZCO CORPORATION	FREEZCO1975@GMAIL.COM
40	Sumit Sharma	Arya College of Engineering and IT	sumitait1111@gmail.com
41	Dr. Vivek Pandey	Mody University of Science and Technology	vivekpandey.22@gmail.com
42	MANE SAMEER SURENDRA	Shree Tuljabhavani College of Engineering Tuljapur Dis. Osmanabad(MH)	ssm.stbcet@gmail.com
43	Preeti jain	Maheshwari girls p.g. college	Preetij357@gmail.com
44	DILIP KUMAR BAGAL	GOVERNMENT COLLEGE OF ENGINEERING, KALAHANDI, ODISHA	dilipbagal90@gmail.com
45	MADHAVAN V M	Sona College of Technology,	madhavanvm@sonatech.ac.in
46	Priya V	Bharath Institute of Higher Education and Research	priyaygna14@gmail.com
47	Sanjeev Varshney	Inderprastha Engineering College, Ghaziabad	sanjeev.varshney@ipec.org.in
48	SENTHUR N.S.	Bharath university	senthur.mechatronics@bharathuniv.ac.in
49	Dr.A.RANJITHKUMAR	SONA COLLEGE OF TECHNOLOGY	ranjithkumar@sonatech.ac.in
50	SATY DEV	Motilal Nehru National Institute of Technology Allahabad Prayagraj	satydev.2017rme01@mnnit.ac.in
51	Nagendra Akula	St.Peters Engineering College	nag2indra@gmail.com
52	Dr. Dhananjay R Dolas	MGM JNEC Aurangabad	drdolasjnc@gmail.com
53	Pradeep Abasaheb hangargekar	STB COLLEGE OF ENGINEERING TULJAPUR	pradeeppah@gmail.com
54	Shanmugavel.K	Sona College of Technology	shanmugavelk@sonatech.ac.in
55	RAKESH KUMAR	RV College of Engineering, Bengaluru	rakeshkumar@rvce.edu.in
56	A SIVAPRAGASAM	SONA COLLEGE OF TECHNOLOGY	sivapragasama@gmail.com
57	Dr.Vandana Agarwal	Vivekananda Institute of Technology	agarwal.vandana@vitj.ac.in
58	SIVARAMAN G	Sona college of technology	indsivaraman@gmail.com
59	Mohan R	SONA COLLEGE OF TECHNOLOGY	rmohan12@gmail.com
60	Dr. Ashish Kumar Shukla	Sherwood College of engg. Research and Technology, Barabanki	ashukla.26jan@gmail.com
61	K G SARAVANAN	Sona College of Technology	kgsmechanical@g...


Dr. Mahesh Bunde
 B.E., M.E., Ph.D.
 Director
 Poornima College of Engineering
 ISI-6, FIICO Institutional Area
 Sitapura, JAIPUR

Poornima College of Engineering - Activity Report - 2020-21

62	Mr.Tushar Pradip Atole	University of Technology and Applied Science, Muscat, Sultanate of Oman	tushar.atole@gmail.com
64	A Mahendran	Sona college of technology	mahecad@gmail.com
65	Manish Mathuria	PIET	manish.mathuria@poornima.org
66	Pradeep Kumar Verma	Faculty of Engineering Teerthankar Mahaveer University	Pradeep.engineering@tmu.ac.in
67	Manish Gupta	Government Polytechnic college,Bundi	manish2594695@gmail.com