



POORNIMA

COLLEGE OF ENGINEERING

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

A Report of Short Term Training Program “Advancements in Energy and Manufacturing Engineering” September 25-29, 2023

DATE & DURATION: September 25-29, 2023 & 5 Days

TYPE OF ACTIVITY: Short Term Training Program

ORGANIZED BY: Department of Mechanical Engineering

COORDINATED BY: Dr. Surendra Kumar Saini

EXPECTED OUTCOMES:

- Student will be able to enhance the knowledge of Manufacturing technology .
- Student will be able to recognize the different scopes of manufacturing technology in Industry.
- Student will be able to analyze their future perspective in the field of manufacturing and energy sector.

MAPPINGS WITH PO & PSO:

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	-	-	3	-	-	-	-	-	-	2	3	2
CO2	-	2	-	-	-	-	-	-	3	-	-	-	2	3	2
CO3	1	-	-	-	-	-	-	-	-	-	-	3	2	3	2


Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director

Flyer

One Week Short Term Training Programme

on Advancements in Energy and Manufacturing Engineering (September 25 – 29, 2023)

Organized by
Department of Mechanical Engineering
As in association with COEs in Advanced Manufacturing &
AEV
Poornima College of Engineering
Jaipur, Rajasthan



POORNIMA
COLLEGE OF ENGINEERING

POORNIMA COLLEGE OF ENGINEERING

Poornima College of Engineering (PCE) is one of the premier self-financed Institute approved by AICTE and affiliated to Rajasthan Technical University (RTU), Kota, offering Graduate Courses in Engineering. It was established in the year 2000 in Jaipur under the aegis of the Shanti Education Society. It has achieved 2nd rank under the Quality Index Value (QIV) evaluated by affiliating university RTU, Kota for the last 5 years among all affiliated colleges (govt. and self-financed). The Institute currently offers Ten specializations [CSE, CSE (Regional language), AI&DS, CSE (AI), CSE (Cyber Security), ECE, EE, ME, CIVIL, and IT] of engineering undergraduate programs with a student strength of more than 2000 students. PCE is the only institute in overall Rajasthan to start an engineering course in regional language thereby promoting and preserving regional language.

MECHANICAL ENGINEERING DEPARTMENT

The Department of Mechanical Engineering was established in the year 2004 at Poornima college of Engineering, Jaipur. The curricular, co-curricular and extracurricular activities provide exposure to students and faculty members in the areas of latest developments; therefore, students of the mechanical engineering department are associated with renowned organizations' throughout the world. The laboratories of the department are equipped with modern and latest instruments. The department organizes international conferences, seminars, workshops, and symposia in collaboration with well reputed organizations. The department also organizes special lectures in various areas by invited speakers from IITs, foreign universities, and experts from industries.

ABOUT THE PROGRAMME

Energy is essential for all manufacturing processes. Efficient source of energy can enhance the sustainability of advance manufacturing. However development of efficient sources of energy to meet the need of circular manufacturing is challenging. Selection of advance manufacturing processes for a product development based on energy is also difficult. This one week short term training programme will be beneficial for the academics and researchers working in diversified areas of energy and manufacturing engineering.

CONTENTS

The following topics, which are essential to energy conservation techniques and advances in manufacturing, will be covered during the programme.

- ☐ Advancements in Energy
- ☐ Vertical Axis Wind Turbine
- ☐ Additive Manufacturing
- ☐ Energy Audit
- ☐ Micro Drilling etc.

OBJECTIVES OF THE PROGRAMME

To provide an exposure to the participants about recent advances in energy and manufacturing.

PATRON

Dr. Mahesh Bunde
Director & Principal, PCE, Jaipur
Ar. Rahul Singh
Director, Poornima Group

ADVISORS

Dr. Pankaj Dhemla
Vice-Principal, PCE, Jaipur
Dr. Narayan Lal Jain
Professor & HoD, ME, PCE

COORDINATORS

Dr. Surendra K. Saini Dr. Amit K. Mandal
MED, PCE, Jaipur

REGISTRATION PARTICULARS

- ❖ There is no registration fee
- ❖ All the sessions will be conducted online on MS TEAM only
- ❖ Technical teachers and research scholars can participate in the program by registering through the following link: <https://rb.gy/144fm>
- ❖ E-certificates will be issued to those participants who have attended the program and qualify the quiz test

RESOURCES PERSONS

The resources persons will be from reputed Institutions and Industries.

IMPORTANT DATES

- ✓ Last date for registration: September 20, 2023
- ✓ Intimation of selection by mail: September 23, 2023

CORRESPONDENCE

Dr. Surendra Kumar Saini
Department of Mechanical Engineering, PCE, Jaipur
Email ID: surendra.kaumar@poornima.org
Contact No.: 7905896452

Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director

Poornima College of Engineering
ISI-6, RICO Institutional Area
Slapura, JAIPUR

Day Wise Schedule

Poornima College of Engineering

Five Day Online Short Term Training Programme on
Advancements in Energy and Manufacturing Engineering

Organized by


Department of Mechanical Engineering

September 25-29, 2023

MS Team Joining Link: <https://tinyurl.com/MFG-PCE>

Day/Date/Time	Topics	Speakers
Day-1 Monday September 25, 2023 4:00 PM to 6:00 PM	Feature Based Product Development	Dr. R. K. Gupta Manipal University Jaipur
Day-2 Tuesday September 26, 2023 4:00 PM to 6:00 PM	Sustainable Circular Manufacturing in Polymer Processing	Er. SM Khaja CIPET Murthal
Day-3 Wednesday September 27, 2023 4:00 PM to 6:00 PM	Techniques of Micro-drilling in aerospace materials	Dr. Ashok Kumar Osmania University Hyderabad
Day-4 Thursday September 28, 2023 4:00 PM to 6:00 PM	Decarbonizing the Building Sector: Charting A Pathway for Sustainable Growth	Dr. H. K. Singh Design2Occupancy
Day-5 Friday September 29, 2023 4:00 PM to 6:00 PM	Additive Manufacturing	Dr. A. K. Maurya GPC Sheohar


Dr. Mahesh Bunde
B.E., M.E., Ph.D.
Director



POORNIMA

COLLEGE OF ENGINEERING

Five Day Online STTP
on
Advancements in Energy and Manufacturing Engineering
Monday, September 25, 2023
Organized by
 Department of Mechanical Engineering
 Online platform: Microsoft Team
 Time: 04:00 PM to 06:00 PM
Q-Sheet

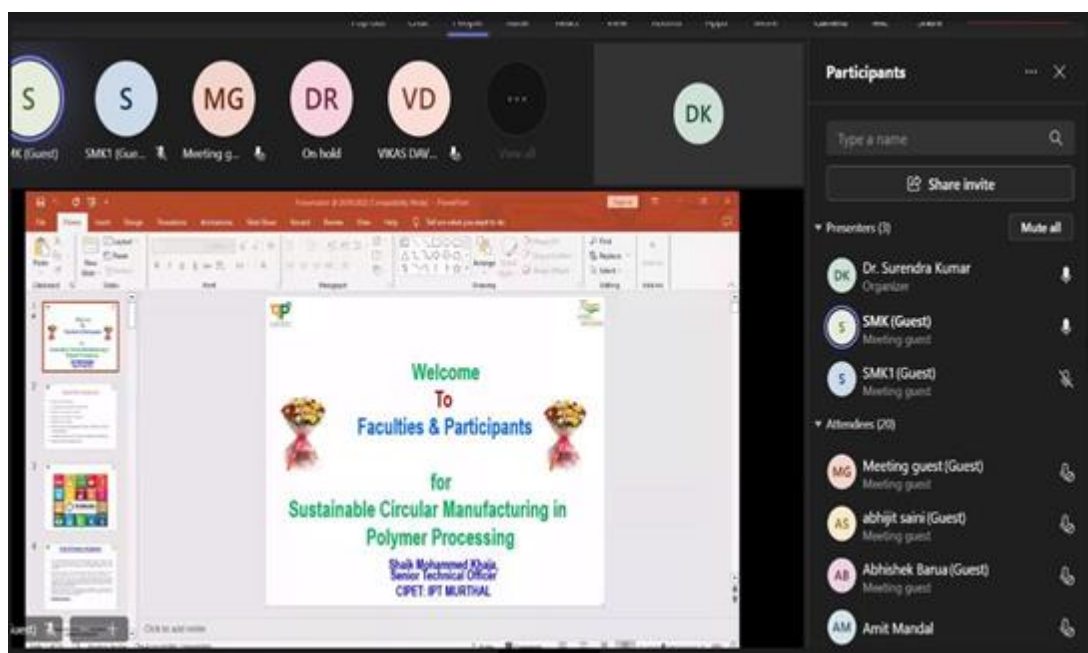
S.N.	Activity	Duration	Time (PM)
1.	Gathering of Participants	10 Min	04:00-04:10
2.	Arrival of Guests	05 Min	04:10-04:15
3.	Welcome of Dignitaries by the Dr. Surendra Kumar Saini	03 Min	04:15-04:18
	A. Dr. Ravi Kumar Gupta , Associate Professor, Manipal University Jaipur B. Er. SM Khaja , Sr. Technical Officer, CIPET Murthal C. Dr. Ashok Kumar , Assistant Professor, Osmaniya University, Hyderabad D. Dr. Hari Singh , Deputy Manager, Design2occupancy E. Dr. Ajay Kumar Maurya , Assistant Professor, GEC Sheore, Bihar F. Dr. Mahesh Bundeale , Director & Principal, Poornima College of Engineering, Jaipur G. Dr. Pankaj Dhemla , Vice-Principal, Poornima College of Engineering, Jaipur H. Dr. Narayan Lal Jain , Professor & HoD, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur		
4.	A. Felicitation of Dr. Ravi Kumar Gupta , by Dr. Mahesh Bundeale , Director, & Principal, Poornima College of Engineering, Jaipur B. Felicitation of Er. SM Khaja by Dr. Pankaj Dhemla , Vice-principal, Poornima College of Engineering, Jaipur. C. Felicitation of Dr. Ashok Kumar by Dr. Narayan Lal Jain , HoD, Department Mechanical Engineering, Poornima College of Engineering, Jaipur D. Felicitation of Dr. Hari Singh by Dr. Surendra Kumar Saini , STTP Coordinator, Department Mechanical Engineering, Poornima College of Engineering. E. Felicitation of Dr. Ajay Kumar Maurya by Dr. Amit Kumar Mandal , STTP Coordinator, Department Mechanical Engineering, Poornima College of Engineering	03 Min	04:18-04:21
5.	Introduction to the STTP by Dr. Amit Kumar Mandal , STTP Coordinator	04 Min	04:21-04:25
6.	Welcome Address by Dr. Mahesh Bundeale , Director & Principal, Poornima College of Engineering, Jaipur.	05 Min	04:25-04:30
7.	Group Photograph -Virtual	3 Min	04:30-04:33
8.	Vote of Thanks by Dr. Narayan Lal Jain , Professor & Head, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur.	5 Min	04:35-04:40
9.	Introduction & Expert Session by Dr. Ravi Kumar Gupta on "Feature based product development" , Associate Professor, Manipal University Jaipur.	75 Min	04:40-05:55

About the activity

One Week Short Term Training Programme was scheduled from September 25-29, 2023 by the Department of Mechanical Engineering of Poornima College of Engineering Jaipur. Session was begun from basic introduction of energy and manufacturing concepts. Speakers spoke about their current research trends. From this short term training programme participants and students and faculties have benefited. Faculty members and research scholars from mechanical engineering and allied branches benefited by attending this STP.

.Dr. Ravi Kumar Gupta, Er. S. M. Khaja, Dr. Ashok Kumar, Dr. H. K. Singh and Dr. A. K. Maurya have invited to deliver the sessions during online short term training programme. Participants of across the country have benefited from the delivered sessions by the invited experts. During the session panellist was Dr. Narayan Lal Jain, HOD Mechanical Engineering Department and Dr. Surendra Kumar Saini, Coordinator & Faculty in Mechanical Engineering Department.

Some Glimpses



Poornima College of Engineering-Activity Report

Participants

Type a name

Share invite

Presenters (3) Mute all

- DK Dr. Surendra Kumar Organizer
- S SMK (Guest) Meeting guest
- S SMK1 (Guest) Meeting guest

Attendees (28)

- MG Meeting guest (Guest) Meeting guest
- AS abhijit saini (Guest) Meeting guest
- AB Abhishek Barua (Guest) Meeting guest
- AR Abhishek Singh ... (Guest)

Participants

Type a name

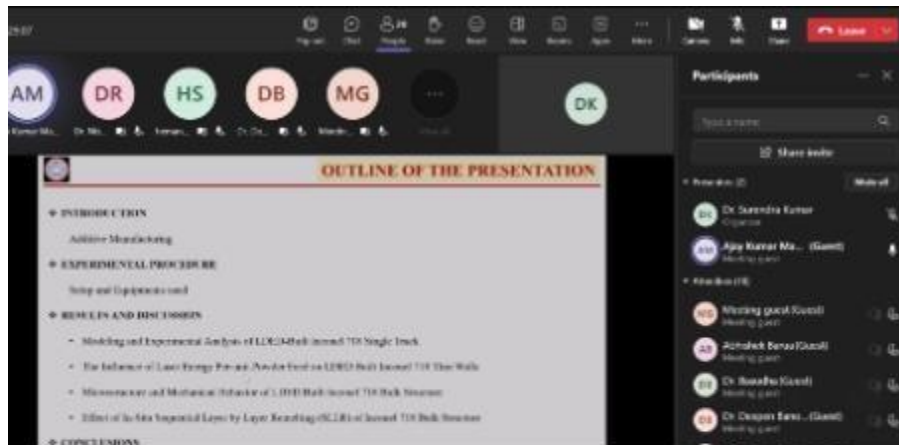
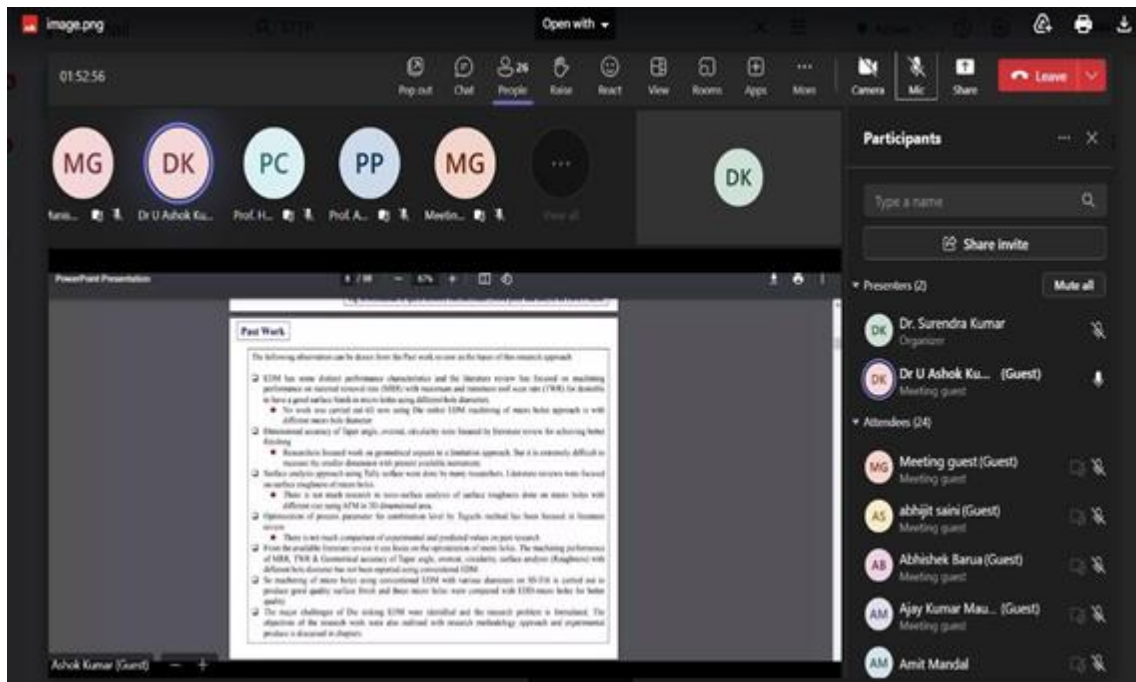
Share invite

Presenters (5) Mute all

- DK Dr. Surendra Kumar Organizer
- AM Amit Mandal
- DS Dr. Harjit Singh (Guest) Meeting guest
- S SMK (Guest) Meeting guest
- S SMK1 (Guest) Meeting guest

Attendees (30)

- MG Meeting guest (Guest) Meeting guest
- MG Meeting guest (Guest) Meeting guest



Attendance

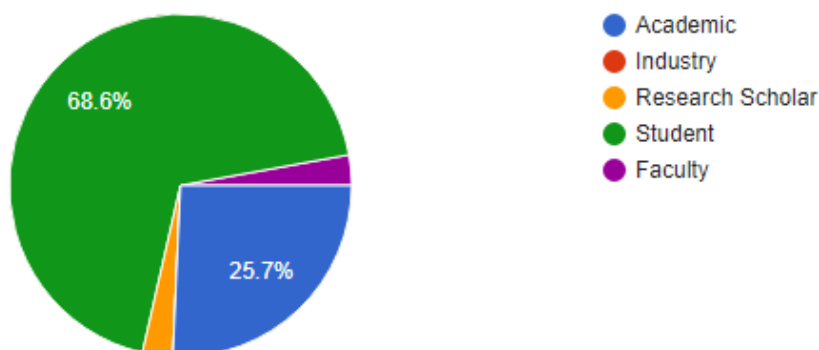
Name of Participant	Designation	Occupation	Name of organization/Un Institute/ Organization Ad	Contact No.
Amit Kr. Mandal	Associate professor	Teaching	Poornima College of eng Sitapura, Jaipur	7014256283
SHUBHAM PRATAP SIN Mr		Student	University Poornima university,vidha	9119131266
Sunil Kumar	Assistant professor	Teaching	Swami keshvanand instit Ramnagar jagatpura jai	7877730379
Hemant kumar sharma	Student	Student	POORNIMA UNIVERSIT Plot No. IS-2027-2031, R 79764 94652	
ABDULRAJAK BURADI	Associate Professor	Teaching	Nitte Meenakshi Institute Nitte Meenakshi Institute	9036268639
Manish Gome	Associate Professor	Teaching	Chameli Devi Group of In Chameli Devi Group of In	9516861709
Satyendra Prasad	INDIA REPRESENTATO	International MathWorks	AKTU Lucknow	9839159688
Abhishek Barua	Research Scholar	Research Scholar	CSIR - Institute of Mine Bhubaneswar, Odisha	6372609815
Abhijeet Maurya	Workshop Superintend	Teaching	Faculty of Engineering University of Lucknow,	9456229884
Ruma Arora	Associate professor	Teaching	Chameli Devi Group of Khandwa Road, Indore	9584447171
ANISH DAS	Doctoral Student	Research Scholar	Indian Institute of Techno Kharagpur, West Bengal	8172065291
Sushil Kumar	Final Year Student	Student	Poornima Institute of Eng ISI - 2, Poornima Marg, S	7339814571
Vinod kumar biradar	Assistant professor	Assistant professor	Amruta institute of engineering and management S	8884209070
Swastik pradhan	Assistant professor	Teaching	Lovely professional Un Jalandhar Punjab	9438261689
Raj Kumar	Assistant Professor	Teaching	Swami Keshvanand Instit Jaipur	9928560261
Lakkoju Ravi	Assistant professor	Assistant professor	Sri Indu college of engine Hyderabad	7842256373
Chandan Kumar	Associate professor	Faculty	SKIT Jaipur Jaipur	9460481589
Abdul Razak kaladgi	Associate professor	Teacher	P A College of Engg, Mar Nadupadav,Near Mangal	8660018783
RAJAMAHANTI SURYA	Assistant Professor	EDUCATOR	S V P ENGG. COLLEGE PM Palem, beside Intern	9014166673
SOURAV SAINI	Cs with ai	Student	Poornima group of Instit Jaipur	9799064420
Mohan	Professor	Teaching	Sona college of Technolo Sona nagar, salem	9843938438
Dr.Hadimani Shivakumar	Associate Professor	Professor	Kalpitaru ainstitute of Te Hassan circle, Tiptur,Turr	6361917798
Praveen Math	Assistant professor	Assistant professor	Reva university bangalor Reva university bangalor	9632408454
Sandeep Tiwari	PhD scholar	Student	NIT Patna NIT Patna, Ashok Rajpat	8299824080
Satyanarayana Tirlangi	Associate Professor	Visakhapatnam	Visakha Institute of Eng 88th Division Pedha Na	8985802798
Deepak	Researcher	Student	Madhav Institute of Tech Gole ka Mandir	7906676715
Er.Dheeraj Sagar	Consultant	Development and Quality	National Instructional Me National Instructional Me	7827550058
JAYANT KUMAR	Student	Education	Poornima Institute Of Engineering and Technology	7079048995
Manoj Kumar Sain	Associate Professor	Teaching	Swami Keshvanand Instit Jagatpura, jaipur	9929289630
LINGESH B V	ASSISTANT PROFESSC	TEACHING	BANGALORE INSTITUT BENGALURU-04	9945853215
Rahul Sharma	Associate Professor	Teaching	Lovely Professional Univ Phagwara	9872646936
GAURAV KUMAR	STUDENT	STUDENT	POORNIMA COLLEGE (POORNIMA COLLEGE (7222838384
Shaloo Dadheech	Associate Professor	Academics(Teaching)	JIET,Jodhpur	9929749449
Sanyam jain	Student	Student	Poornima college of Engi Near mahatma gandhi hc	7220849149
Ram Mohan	Assistant Professor	Teaching	Poornima Institute of Eng Jaipur Rajasthan	8115557079
SHYAM SUNDAR MEEN	CIVIL ENGINEERING ST	STUDENT	POORNIMA COLLEGE (DEPARTMENT OF MECI	6378476409
Bhupendra Singh	Research Scholar	Teaching	Mody University of Scien Laxmangarh, Sikar	9694970963
Rama Didwania	Research scholar	-	SPCG College,Ajmer Ajmer	6378688095
Vivek Pandey	Assistant Professor	Teacher	IMS Engineering Colleg IMS Engineering Colleg	8218906733
Manish Kumar	Assistant Professor	Education	IMS ENGINEERING COI Ghaziabad	8533053062
Dr. Rajani Bora	Associate Professor	Teacher	JIET Universe Mogra, Pali Road, Jodhp	8058776058
Suraj Choudhary	Assistant Professor	Teaching	IMS Engineering College	7986123351
Nilesh kumar khandelwal	Poornima college of engi	Student	Poornima College Of Eng Jaipur	7877770741
PRABHAT MAHAWAR	Research scholar	Student	Rtu kota Rtu kots	7737112706
MD AQUIB AHSAN	Director of Ahsan Acade	Teacher	AHSAN ACADEMY Rahmat Nagar Kishangar	7054246356
Ankit Agarwal	Assistant professor	Service	IMSEC - AKTU IMSEC ghaziabad	9045376126
Vikas Dave	Assistant professor	Faculty	JIET UNIVERSE Jiet universe jodhpur	7597191790
Abhishek Singh Rajawat	Student	Student	Poornima College of eng ISI-6, RIICO Institutional	6375831578

Poornima College of Engineering-Activity Report

Er.Dheeraj Sagar	Consultant	Development and Quality	National Instructional Me	National Instructional Me	7827550058
JAYANT KUMAR	Student	Education	Poornima Institute Of Engineering and Technology		7079048995
Manoj Kumar Sain	Associate Professor	Teaching	Swami Keshvanand Instit Jagatpura, jaipur		9929289630
LINGESH B V	ASSISTANT PROFESSOR	TEACHING	BANGALORE INSTITUT BENGALURU-04		9945853215
Rahul Sharma	Associate Professor	Teaching	Lovely Professional Univi Phagwara		9872646936
GAURAV KUMAR	STUDENT	STUDENT	POORNIMA COLLEGE (POORNIMA COLLEGE (7222838384
Shaloo Dadheech	Associate Professor	Academics(Teaching)	JIET,Jodhpur		9929749449
Sanyam jain	Student	Student	Poornima college of Engi Near mahatma gandhi hc		7220849149
Ram Mohan	Assistant Professor	Teaching	Poornima Institute of Eng Jaipur Rajasthan		8115557079
SHYAM SUNDAR MEEN	CIVIL ENGINEERING ST	STUDENT	POORNIMA COLLEGE (DEPARTMENT OF MEC		6378476409
Bhupendra Singh	Research Scholar	Teaching	Mody University of Scien Laxmangarh, Sikar		9694970963
Rama Didwania	Research scholar	-	SPCG College,Ajmer Ajmer		6378688095
Vivek Pandey	Assistant Professor	Teacher	IMS Engineering Colleg	IMS Engineering Colleg	8218906733
Manish Kumar	Assistant Professor	Education	IMS ENGINEERING COL Ghaziabad		8533053062
Dr. Rajani Bora	Associate Professor	Teacher	JIET Universe Mogra, Pali Road, Jodhp		8058776058
Suraj Choudhary	Assistant Professor	Teaching	IMS Engineering College		7986123351
Nilesh kumar khandelwal	Poornima college of engi	Student	Poornima College Of Eng Jaipur		7877770741
PRABHAT MAHAWAR	Research scholar	Student	Rtu kota Rtu kots		7737112706
MD AQUIB AHSAN	Director of Ahsan Acader	Teacher	AHSAN ACADEMY Rahmat Nagar Kishangar		7054246356
Ankit Agarwal	Assistant professor	Service	IMSEC - AKTU IMSEC ghaziabad		9045376126
Vikas Dave	Assistant professor	Faculty	JIET UNIVERSE	Jiet universe jodhpur	7597191790
Abhishek Singh Rajawat	Student	Student	Poornima College of eng ISI-6, RIICO Institutional		6375831578

Occupation

35 responses




Certificate



Feed Back Analysis

SESSION FEEDBACK ANALYSIS								
Sr.no	Attributes	Total Feed Back	Total Feed Back-70					
			>80% Objective Achieved, 60 to 79 %- Satisfactory, Below 60%, Need improvement					
1	Do you think session was useful for you?	70	Yes	No	Partial	---	---	Remark if any
			60	0	10	0	0	
2	Did you receive all the information you expected by the session?	70	Yes	No	Partial	---	---	
			68	0	2	0	0	
3	Opinion on Rating the speaker for the session	70	Outs tandi ng	Exce llent	Good	Avera ge	Satisf actor y	
			70	0	0	0	0	


Dr. Mahesh Bunde
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 Director
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 ISI-6, RIICO Institutional Area
 Sitapura, JAIPUR

4	Audience Query Response by the Speaker	70	Outstanding	Excellent	Good	Average	Satisfactory	
			70	0	0	0	0	
5	Overall experience about the Session	70	Outstanding	Excellent	Good	Average	Satisfactory	
			65	2	3	0	0	
6	Would you like to attend future Session conducted by the department?	70	70 Yes	00 No	---	---	---	

Notice



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PCE/ME/DO/2023-24/13

Date: 20-09-2023

NOTICE

An, “STTP/FDP Program on “Advancements in Energy and Manufacturing Engineering” celebration is being organized by the Department of Mechanical Engineering on **25 to 29-09-2023**. The activity will be held at as per the following schedule.

Date : 25-09-2023 to 29-09-2023
Activity Name : STTP/FDP Program on “Advancements in Energy and Manufacturing Engineering
Venue : 1B-05
Time : 9:00AM Onwards

The students are required to be present at the venue on time. For further query you may contact the Faculty Coordinator Dr. Surendra Kumar Saini.

Dr. N. L. Jain

HoD, ME

ISI-6, RIICO Institutional Area, Sitapura, Jaipur: 302 022 (Rajasthan)

Phone: +91-9829255102, E-mail: registrar.pce@poornima.org, Website: www.poornima.org

Dr. Mahesh Bunde
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ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

Five-day online Short-Term Training Program (STTP) on Advancements in Energy and Manufacturing Engineering at PCE



External ⓘ Inbox x



Poornima Informatics Centre <pic@poornima.org>
to Poornima, Poornima ▾

Mon, 18 Sept 2023, 13:24 ☆ ↶ ⋮

Dear All,

This is to let you all know that the **Department of Mechanical Engineering, Poornima College of Engineering** is organizing a Five-day online Short-Term Training Programme (STTP) on **Advancements in Energy and Manufacturing Engineering** during **September 25-29, 2023**.

The aim of this STTP is to inculcate the participants with the advancements of energy and manufacturing. this STTP is targeted towards faculty members/ research Scholars from Colleges/Institutions/Universities/Industries. the domain experts from the reputed institutions/industries are invited as speakers to deliver Expert Lectures.

For more details, please find the attached brochure of the FDP.

Click here for FREE registration: <https://rb.gv/14fm>

Note: E-certificate will be given to all participants

After registration, the attendees will receive a confirmation email containing information about joining the lecture.


Dr. Mahesh Bunde
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Ghatapada, JAIPUR