



POORNIMA
COLLEGE OF ENGINEERING

An autonomous institution approved by RTU, AICTE & UGC • NAAC A+ Accredited



List & Reports of Activities Organized on Environment and Sustainability (Session 2023-24)

ISI-6, RIICO Institutional Area, Sitapura, Jaipur-302022 (Rajasthan)

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ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

Poornima College of Engineering, Jaipur
List of Activities Organized on Environment and Sustainability in Session 2023-24

Sr. No.	Session	Date of Activity	Name of Activity
1	2023-24	22-Apr-24	Earth Day Celebration
2	2023-24	21 August 2023	AKSHAY URJA DIWAS
3	2023-24	01-11-2023 To 7 November 2023	Solar & Renewable Energy Program for Advanced Level


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Report On Earth Day

NAME OF ACTIVITY: Report on Earth Day

DATE & DURATION: 22 April, 2024

ORGANIZED BY: Department of Civil Engineering

OUTCOMES:

- Students will understand the importance of sustainable practices and environmental conservation in engineering projects.
- Students will learn to communicate environmental awareness effectively through technical reports and presentations.
- Students will recognize their role as engineers in contributing to environmental sustainability and social responsibility.

MAPPINGS WITH PO&PSO:

CO-PO-PSO Mapping: Mapping Levels: 1- Low, 2- Moderate, 3-Strong

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


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OBJECTIVES:

The objective of celebrating Earth Day 2024 at Poornima College of Engineering, under the global theme "Planet vs. Plastics," is to raise awareness about the environmental impact of plastic pollution and to encourage innovative and sustainable practices to reduce plastic waste. This event aims to engage students and faculty in meaningful activities that promote plastic reduction, recycling, and reuse, fostering a culture of sustainability and environmental responsibility. Through this initiative, we aspire to inspire actionable changes within our community to help combat the global plastic pollution crisis and protect our planet for future generations.

Introduction to Earth Day:

Earth Day, observed annually on April 22nd, stands as a beacon of collective consciousness and activism in safeguarding our planet's delicate ecosystems. Originating in 1970, Earth Day has evolved into a momentous global initiative uniting diverse voices in advocating for environmental stewardship. As societies grapple with escalating ecological crises, Earth Day assumes heightened significance, serving as a rallying cry to prioritize sustainability and combat climate change. This observance underscores the imperative of nurturing a harmonious relationship between humanity and the environment, inspiring individuals worldwide to adopt sustainable practices and advocate for policies that safeguard the Earth's natural resources for generations to come.

"The Earth does not belong to us: we belong to the Earth." - Marlee Matlin

It's an opportunity to reflect on our environmental impact and to commit to making sustainable choices that will ensure the well-being of Earth for current and future generations.

Circular:

Invitation for Earth Day Celebrations at Poornima College of Engineering

Inbox x



HOD CIVIL PCE

to PCE ▾

Sun, 21 Apr, 17:50 (8 days ago)



Dear All,

The Department of Civil Engineering is pleased to extend an invitation to Students, Faculty members, and the staff of Poornima College of Engineering to participate in the **Earth Day celebrations on April 22, 2024.**

This event aims to inspire our students and community through engaging and meaningful activities focused on environmental awareness and action.

The program schedule and invitation letter are attached for your perusal.

We believe that your presence will greatly enrich the experience and encourage our students and community in their environmental endeavors.

We look forward to celebrating Earth Day with you and making a positive impact together.

--

Thanks and Regards

Pran N. Dadhich (D. Eng.)
Department of Civil Engineering
Poornima College of Engineering

Activate Windows

Go to Settings to activate Windows.

Brochure:



The brochure features a light blue background with illustrations of plastic waste. At the top left is the Poornima College of Engineering logo and name, with affiliations to RTU, Kota, AICTE, UGC, and NAAC. At the top right is a '25 Years of Excellence' badge. The central text reads 'Department of Civil Engineering, PCE celebrating 22 APRIL, 2024 EARTH DAY Planet vs. Plastic'. To the right, there are illustrations of plastic bags, one with 'THANK YOU' written on it, and a vertical text 'SAY NOTO PLASTIC.' Below the main title is a circular logo with a globe and the text 'POETIC PLANET SHOWCASE'. At the bottom, it says 'WE NEED TO REDUCE PLASTIC POLLUTION' and 'Plastic pollution leads to serious environmental, economic, and social consequences for society'.

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CELEBRATING
25
YEARS
OF EXCELLENCE

Department of Civil Engineering, PCE
celebrating

22 APRIL, 2024
EARTH DAY
Planet vs. Plastic

THANK YOU
THANK YOU
THANK YOU

SAY NOTO
PLASTIC.

WE NEED TO REDUCE
PLASTIC POLLUTION
Plastic pollution leads to serious environmental, economic, and social consequences for society



The invitation brochure has a light green background. It starts with the Poornima College of Engineering logo and name. The main heading is 'INVITATION'. Below it, it says 'Department of Civil Engineering, PCE cordially invites you all to celebrate Earth Day'. The 'Program Schedule' lists three activities: 'Poetic Planet Showcase' (9:00 am - 10:00 am), 'Green Insights' (10:00 - 10:40 am) featuring a Chief Guest, and 'Roots of Tomorrow' (10:40 - 11:00 am). The theme is 'Planet vs. Plastic'. The Chief Guest is Mrs. Shailaja Deval, Director of RFWTI & CCF. The venue is CG-05 and the date is 22nd April 2024. At the bottom left is a circular logo with a globe and the text 'POETIC PLANET SHOWCASE'. At the bottom right, there is a signature and the name 'Dr. Mahesh Bunde'.

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COLLEGE OF ENGINEERING

INVITATION

Department of Civil Engineering, PCE cordially
invites you all to celebrate Earth Day

Program Schedule

- Poetic Planet Showcase:** Students unleash their creativity on poems, speeches, and quizzes under the theme mentioned below - (9:00 am - 10:00 am).
- Green Insights:** Hear from our esteemed Chief Guest - (10:00 - 10:40 am).
- Roots of Tomorrow:** Make a tangible impact by installing water pots on trees (10:40 - 11:00 am).

The theme for Earth Day - Planet vs. Plastic

CHIEF GUEST
MRS. SHAILAJA DEVAL
DIRECTOR, RFWTI & CCF
(TRAINING & RESEARCH)

Venue - CG-05
Time - 9:00 A.M Date - 22nd APRIL 2024

POETIC PLANET SHOWCASE

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Silapura, JAIPUR

Event Flow/ Q-sheet:



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“ Earth Day Celebration”

Organized by

Department of Civil Engineering
Poornima College of Engineering, Jaipur, India
Q- Sheet of Event Day
Monday, 22nd April, 2024

ANCHORS: Shreya Sharma & Chirakshi Agarwal

S. No	Activity	Duration	Time
1.	Welcome of Dignitaries by the anchors	4 Min	09:00 AM- 09:04 AM
2.	Brief Introduction of event by anchors	4 Min	09:04 AM- 09:08 AM
3.	Video on Earth Day	5 Min	9:08 AM- 9:13 AM
4.	Quiz Competition	15 Min	9:13 AM- 9:28 AM
5.	Talent Showcase by Students' (Speech)	24 Min	09:28 AM- 09:52 AM
6.	Exhibition of Creative Posters by Students'	4 Min	09:52 AM- 09:56 AM
7.	Poem Planet Showcase on Earth Day	4 Min	09:56 AM- 10:00 AM
8.	Welcome of Chief Guest Mrs Shailaja Deval, Director, RFWTI & CCF(Training and Research) with bouquet and memento by Dr Mahesh M Bundeale, Director, Poornima College of Engineering.	2 Min	10:00 AM
9.	Welcome Speech by Dr Mahesh M Bundeale, Director, Poornima College of Engineering	10 Min	10:02 AM- 10:12 AM
10.	“Green Insights” Address by Chief Guest	30 Min	10:12 AM-10:42 AM
11.	Winners Certificate Distribution	10 Min	10:42 AM- 10:52 AM
12.	Short Film Display	4 Min	10:52 AM- 10:56 AM
13.	Vote of Thanks by Dr Shantanu Malik, Assistant Professor, Poornima College of Engineering	4 Min	10:56 AM- 11:00 AM
14.	Installation of Water Pots and Group Photograph		11:00 AM Onwards

1. Welcome of Dignitaries by the Anchors:

The event began with a warm welcome extended to the dignitaries by the anchors, setting a positive tone for the proceedings.

2. Brief Introduction of Event by Anchors:

The anchors provided a brief overview of the event, highlighting its significance and objectives.


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3. Video on Earth Day:

A video presentation showcasing the history and importance of Earth Day was screened, educating the audience about the environmental challenges facing the planet.

4. Quiz Competition:

A quiz competition was conducted to test the knowledge of participants on environmental issues, fostering learning and engagement using google sheet

5. Talent Showcase by Students (Speech):

Students showcased their talents through speeches focusing on environmental conservation and the need for sustainable development.

6. Exhibition of Creative Posters by Students:

Creative posters designed by students were displayed, depicting various environmental themes and promoting conservation efforts.

7. Poem Planet Showcase on Earth Day:

A poetry session themed around Earth Day was organized, allowing students to express their thoughts and emotions regarding environmental protection through poetry.

8. Welcome of Chief Guest Mrs.ShailajaDeval:

Mrs. Shailaja Deval, Director of RFWTI & CCF (Training and Research), was welcomed as the chief guest, with a bouquet and memento presented by Dr. Pankaj Dhemla, Vice Principle, Poornima College of Engineering.

9. Welcome Speech by Dr. Pankaj Dhemla, Vice Principle,:

Dr. Pankaj Dhemla, Vice Principle, Poornima College of Engineering, delivered a welcome speech, expressing gratitude to all participants and emphasizing the importance of Earth Day.

10. "Green Insights" Address by Chief Guest:

Mrs. Shailaja Deval delivered a thought-provoking address on "Green Insights," sharing valuable perspectives on environmental sustainability and the role of youth in driving positive change. Also made the session more interactive with all the students & participants

11. Winners Certificate Distribution:

Mrs. Shailaja Deval distributed certificates to the winners of the quiz competition and other contests, recognizing their efforts and achievements.

12. Short Film Display:

Short films focusing on environmental conservation and sustainable living were screened, inspiring the audience to take action for a greener future.

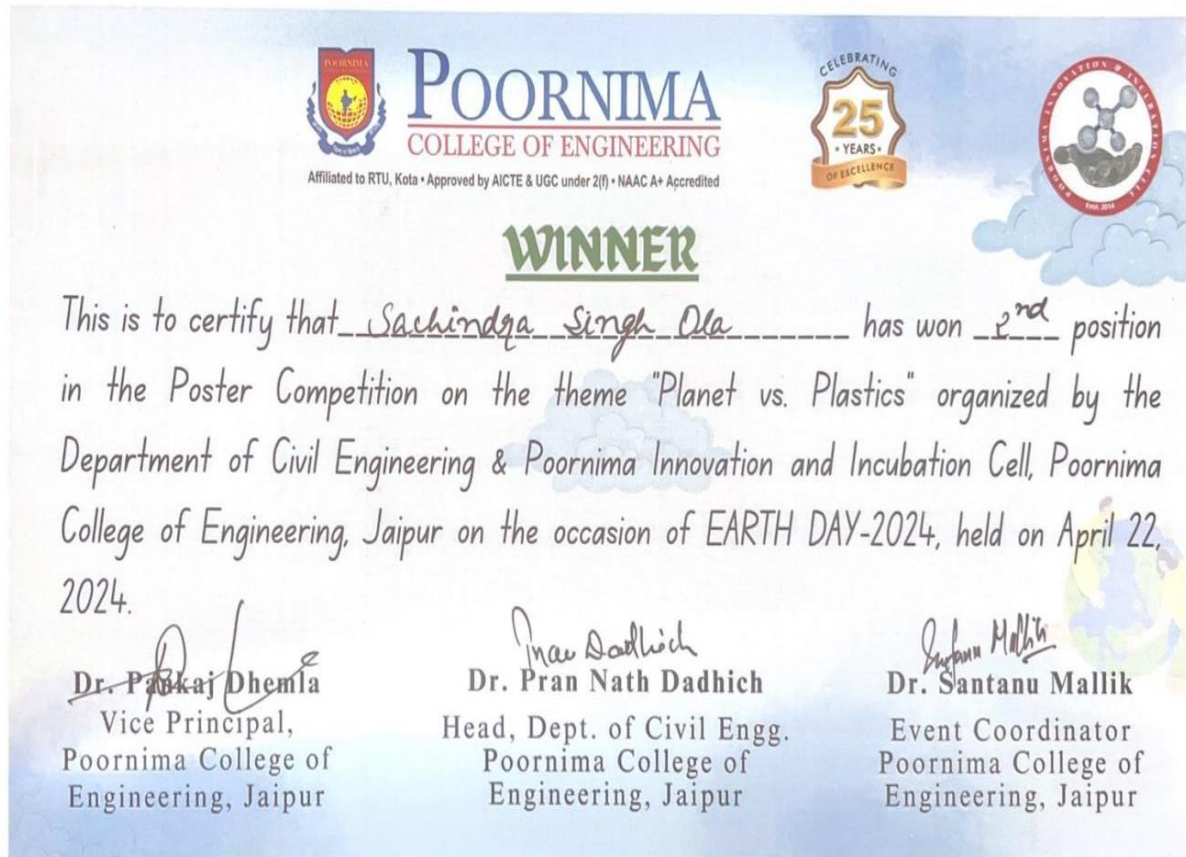
13. Vote of Thanks by Dr. Santanu Malik:

Dr. Malik, Associate Professor at Poornima College of Engineering, delivered the vote of thanks, expressing appreciation to all participants for their contributions to the success of the event.

CONCLUSION:

The Earth Day event organized by the Department of Civil Engineering was a resounding success, bringing together students, faculty, and dignitaries to celebrate and advocate for environmental protection. We encourage every student and faculty member to participate wholeheartedly and make Earth Day a meaningful event. Through various activities and presentations, participants gained a deeper understanding of environmental issues and pledged to take concrete actions to safeguard our planet for generations to come. As we reflect on Earth Day, let us remember that every day is an opportunity to cherish and protect the Earth, our home.

CERTIFICATE:



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GLIMPSES OF THE EVENT:



FEEDBACK

FEEDBACK ANALYSIS (2023-24)							
S.No.	Attributes	Total Feed Back					100
1	Did the session meet its objectives?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		75.21	11.91	5.29	1.20	0.00	
2	Did you find the contents useful?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		75.88	14.19	7.92	1.11	0.00	
3	Did it help students to enhance their skills or learnings?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		73.29	16.11	6.49	1.20	0.00	
4	Did you receive uninterrupted Connectivity in case of online sessions?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		71.20	18.59	5.19	1.32	0.00	
5	How do you rate this session overall?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
		72.29	18.52	6.99	1.00	0.00	
Overall Remark:- These kind of sessions should be conducted in the future too for more awareness.							



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A REPORT ON AKSHAY URJA DIWAS

- ♦ **TITLE AND DURATION:** “AKSHAY URJA DIWAS” (Energy Day) on August 21, 2023.
- ♦ **SPONSORS & SUPPORTERS:** NA
- ♦ **ORGANIZER(S):** Department of Electrical Engineering, Poornima College of Engineering, Jaipur.
- ♦ **LEARNING OUTCOMES:**
 1. Students will be able to explain the concept of renewable energy and its importance in sustainable development.
 2. Students will identify and analyses the different sources and technologies of renewable energy.
 3. Students will analyze the environmental benefits of using renewable energy.
 4. Students will engage in hands-on activities or projects that demonstrate the use of renewable energy technologies, such as solar panels or wind turbines.

LO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO 1	PSO 2	PSO 3
1	3												2		
2		3												2	
3							3								2
4											3		2		


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◆ NOTICE:

Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Notice

Date: 14/08/23

Students are hereby informed that Electrical Department is going to celebrate "AKSHAY URJA DIWAS" (Energy Day) on August 21, 2023 to celebrate the birth anniversary of Late Prime Minister Shri Rajiv Gandhi. On this day Quiz on Renewable Energy will be taken place in computer lab (1301-B). So interested students have to give their names for quiz to their respective class tutors on or before 18/08/2023.

Time: 08.00 AM- 10.00 AM

Dr. Pravin M. Sonwane
Professor & Head
Electrical Engineering Department
Poornima College of Engineering, Jaipur

◆ FLYER



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AKSHAY URJA DIWAS (ENERGY DAY) CELEBRATION



Monday, August 21, 2023



08:00 AM to 09:00 AM

**Organized by:
Department of Electrical Engineering**

RSVP:

Dr. Pravin Sonwane
Professor & Head, EE
pravin.sonwane@poornima.org
Mob: +91-8805868462

Coordinator:

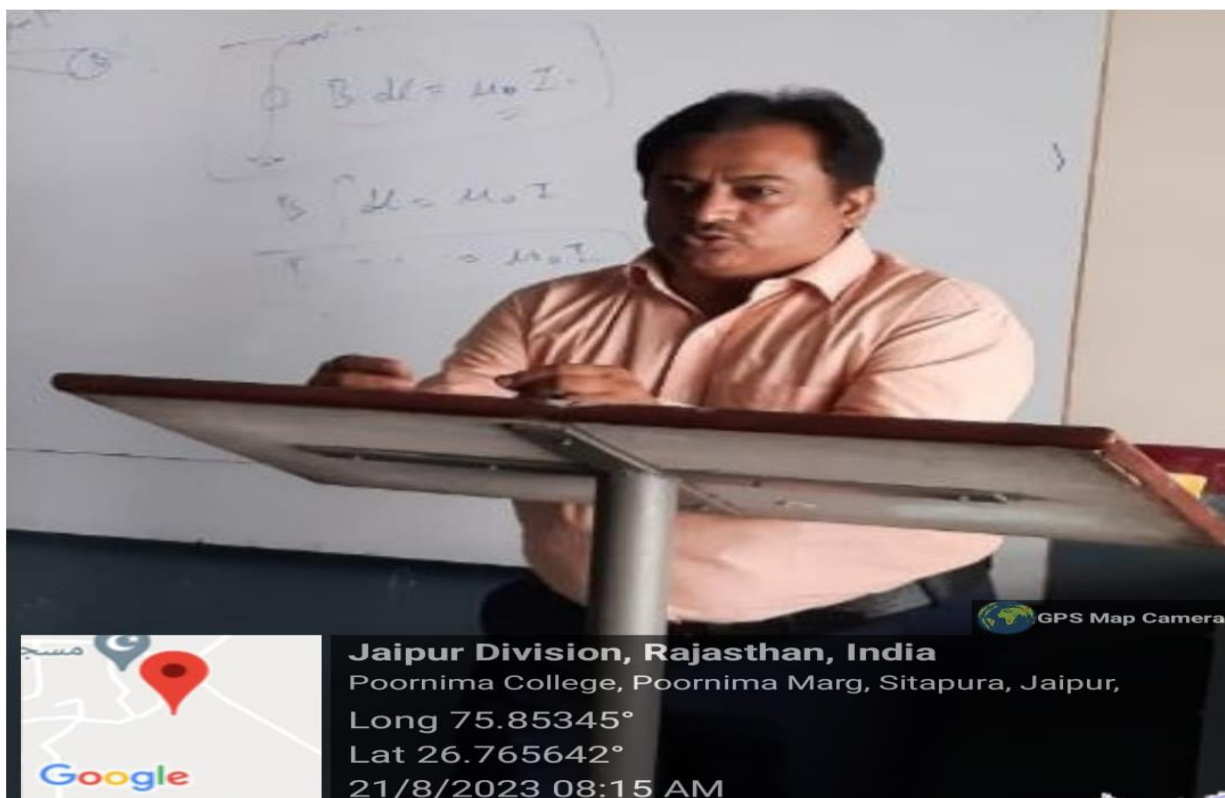
Dr. Gaurav Jain
Associate Professor, EE
gaurav.jain@poornima.org
Mob: +91-9602410960

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♦ PROGRAM SCHEDULE:

S. No	Activity	Duration	Time
1.	Address to the students by Dr. Pravin Sonwane on Energy Day	20 Min	08:00 – 08:20 AM
2.	Address to the students by Dr. Gaurav Jain on Energy Day	20 Min	08:20 AM - 08:40 AM
3.	Quiz on Renewable Energy for students	60 Min	08:40-09:40 AM
4.	Prize Distribution to students	10 Min	09:40 AM-09:50 AM
5.	Vote of thanks & Event closure by Mr. Vineet Sharma	05 Min	09:50 AM-09:55 AM

♦ GLIMPSES:



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♦ **ATTENDANCE SHEET:**

S. No.	Registration No.	Student's Name	Signature
1	PCE22EE001	AKASH KUMAR	Akash
2	PCE22EE002	ANUJ SHARMA	Anuj Sharma
3	PCE22EE003	ASHVINI NAGAR	ASHVINI
4	PCE22EE004	BALKRISHAN SHARMA	Bal
5	PCE22EE005	HARSH PAREEK	Harsh
6	PCE22EE006	JAIPAL	Jaipal
7	PCE22EE007	KAILASH CHOUDHARY	Kailash
8	PCE22EE008	MOHAMMED AMAAN	Amaan
9	PCE22EE009	NAGENDRA BEDA	Nagendra
10	PCE22EE010	NAMAN SINGH CHOUHAN	Naman
11	PCE22EE011	NITIN AGNIHOTRI	Nitin
12	PCE22EE012	RAHUL SHARMA	Rahul
13	PCE22EE013	SANJAY BAIRWA	Sanjay
14	PCE22EE014	SAURAV KUMAR	Saurav
15	PCE22EE015	VISHAL SAINI	Vishal

♦ **FEEDBACK:**

Akshay Urja (Energy Day) Diwas Celebration on 21/08/23			
	Attributes	Comments	No. Of Comments
Program	Organizing Level	Excellent	9
		V. Good	5
		Good	1
		Poor	0
TEST	Relevance	Excellent	8
		V. Good	5
		Good	2
		Poor	0
	Depth	Excellent	9
		V. Good	5
		Good	1
		Poor	0
	Interest	Excellent	10
		V. Good	4
		Good	1
		Poor	0
INTERVIEWER	Knowledge	Excellent	12
		V. Good	2
		Good	1
		Poor	0
	Response to questions	Excellent	7
		V. Good	6
		Good	2
		Poor	0
	Delivery	Excellent	12
		V. Good	2
		Good	1
		Poor	0
Overall understanding of concepts		Excellent	14
		V. Good	1
		Good	0
		Poor	0
Would you like to attend similar activity in future		Yes	14
		No	01
Suggestions		This type of activity should be arrange frequently	



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A REPORT ON

ADD-ON COURSE

♦ **NAME OF ACTIVITY:** ADD – ON Course on “Solar & Renewable Energy Program for Advanced Level” (AOC-DEP-EE-SREAL)

♦ **DATE & DURATION:** November 1, 2023 to November 7, 2023

♦ **TYPE OF ACTIVITY:** Curricular

♦ **ORGANIZED BY:** Department of Electrical Engineering

♦ **LEARNING OUTCOMES:**

1. Students will be able to understand the principle of direct solar energy conversion to power using PV.
2. Students will be able to Contrast the performance measures of PV.
3. Students will be able to Infer on various solar cells & design aspects of solar PV.
4. Students will be able to Develop ideas for working on solar PV systems & associated safety practices

सं	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1				3		3						3			
2				3						3		3			
3					3	3			3			3			
4				3		3									
5															
Target				3	3	3			3	3		3			


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Contents

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2. Department Notice
3. Course Q-sheet
4. About the course
5. List of registered students
6. Highlights of the course sessions
7. List of students eligible for certification
8. Sample certificate format
9. Sample Feedback Form

1. Course Brochure

About the college

Poornima College of Engineering (PCE), established as a brand of Technical Education in the year 2000, has its own glorious legacy of leading the young engineers to the mammoth sky of success. Its accomplishments forecast its journey through the hardships and its triumph over them one after another. PCE left no stone unturned since its establishment in turning the glorious vision into unbelievable reality providing the platform for knowledge and research and their practical implementations in different engineering professional prospects.

About the department

The Journey of Department of Electrical Engineering was started in year 2000 with Poornima College of Engineering, Jaipur. National Board of Accreditation (NBA) accredited the undergraduate programme of the department of Electrical Engineering in the year 2009 and 2017 for three years & in 2020 for one year.

Add-on Course



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About the course

This course specialization entail is based on Solar and Renewable Energy. In this course students are able to understand solar and different types of renewable energy source from introduction level to advanced level.

**Solar & Renewable
Energy Program for
Advanced Level**

**November 1, 2023 to
November 7, 2023**


Dr. Mahesh Bunde
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Director

Poornima College of Engineering
ISI-6, RILCO Institutional Area
Silapura, JAIPUR

2. Department Notice

**Poornima College of Engineering, Jaipur
Department of Electrical Engineering**

Date: 28.10.23

Notice

It is notified for all the students of the 2nd and 3rd Year that the Department is going to organize Add-on Course on (AOC-DEP-EE-SREAL) "Solar & Renewable Energy Program for Advanced Level", for students of the 2nd and 3rd Year for their benefits in the near future. The duration of the course will be of 36 contact hours. If any Query regarding add on course contact to Mr. Rachit Saxena

Note:

1. The course is free of cost.
2. Minimum 75% attendance is mandatory.

The successful candidates will be issued certificates by the college



Dr. Pravin M. Sonwane
Professor & Head
Electrical Engineering Department
Poornima College of Engineering, Jaipur



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3. Q-Sheet

S.No	Activity	Duration	Day & Date	Time
1.	Overview of renewable energy sources (solar, wind, hydro, geothermal, biomass) Overview of Power development	3 Hour	01-11-2023	08:30 to 11:30 AM
2.	Global overview of renewable energy Solar Energy Fundamentals Wind Energy Hydroelectric and Ocean Energy Geothermal and Biomass Energy	3 Hour	01-11-2023	12:20 to 03:20 PM
3	Principles of solar power (solar, photovoltaic, solar thermal). <ul style="list-style-type: none"> • Photovoltaic (PV) Solar Power • Photovoltaic Effect • Solar Cells • Conversion of Sunlight to Electricity. • Efficiency • Orientation and Tilt • Grid-Tied Systems 	3 Hour	02-11-2023	08:30 to 11:30 AM
4	Principles of solar power (solar, photovoltaic, solar thermal). <ul style="list-style-type: none"> • Off-Grid Systems • Solar Thermal Power • Concentrating Solar Power (CSP) • Solar Water Heaters heat to water. • Storage Systems 	3 Hour	02-11-2023	12:20 to 03:20 PM
5	Energy Scenario. <ul style="list-style-type: none"> • Energy Sources • Energy Consumption • Energy Production and Infrastructure • Environmental Impact • Energy Efficiency 	3 Hour	03-11-2023	08:30 to 11:30 AM
6	<ul style="list-style-type: none"> • Energy Policy and Regulation • Energy Security • Technological Advances • International Cooperation 	3 Hour	03-11-2023	12:20 to 03:20 PM


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	<ul style="list-style-type: none"> Economic Factors 			
7	Non-Conventional Energy <ul style="list-style-type: none"> Solar Energy Wind Energy Hydropower (Hydroelectric Energy) Geothermal Energy 	3 Hour	04-11-2023	08:30 to 11:30 AM
8	<ul style="list-style-type: none"> Biomass Energy Tidal and Wave Energy Hydrogen Energy Nuclear Energy 	3 Hour	04-11-2023	12:20 to 03:20 PM
9	MPPT Controller. <ul style="list-style-type: none"> Maximizing Solar Panel Efficiency Dynamic Adjustment Increased Energy Production Compatibility with Battery Systems Multiple PV Array Compatibility Enhanced Flexibility 	3 Hour	06-11-2023	08:30 to 11:30 AM
10	Radiation Energy. <ul style="list-style-type: none"> Electromagnetic Radiation Gamma Rays and X-rays Visible Light Infrared and Microwaves Radio Waves Nuclear Radiation Solar Radiation Thermal Radiation Cosmic Radiation Ionizing Radiation Non-Ionizing Radiation Electromagnetic Radiation Sources Converters: <ul style="list-style-type: none"> Boost Convertor. Buck Convertor. 	3 Hour	06-11-2023	12:20 to 03:20 PM
11	Hands on Practice / Projects Preparation	3 Hour	07-11-2023	08:30 to 11:30 AM
12	Projects Preparation	3 Hour	07-11-2023	12:20 to 03:20 PM

4. About the Course

Course Name: Solar & Renewable Energy Program for Advanced Level (AOC-DEP-EE-SREAL)

Course Summary: This course offers you advanced knowledge within the field of photovoltaic system technology. The students will learn about the solar resource and how photovoltaic energy conversion is used to produce electric power. From this fundamental starting point we'll cover the design and fabrication of different solar cell and module technologies, the various photovoltaic system components, how to design a photovoltaic plant and carry out energy yield simulations, essentials in energy economics, O&M and reliability assessment, as well as the role of photovoltaic energy in sustainable energy systems.

Enrollment Criteria:

1. Participants must be interested and engineering student (II/III Yr Only)

Course Outcomes:

5. Students will be able to understand the principle of direct solar energy conversion to power using PV .
6. Students will be able to Contrast the performance measures of PV.
7. Students will be able to Infer on various solar cells & design aspects of solar PV.
8. Students will be able to Develop ideas for working on solar PV systems & associated safety practices

Course Outcomes & Program Outcomes Mapping:

	P O1	P O2	P O3	P O4	P O5	P O6	P O7	P O8	P O9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO 1				3		3						3			
CO 2				3						3		3			
CO 3					3	3			3			3			
CO 4				3		3									
CO 5															
Tar get				3	3	3			3	3		3			

COURSE PREREQUISITES: Basic Electrical Engineering, Power System, Control System
Course Duration: 36 Hours

Course Outline:

Module	Contents	Hours
1	Overview of renewable energy sources (solar, wind, hydro, geothermal, biomass) Overview of Power development Global overview of renewable energy Solar Energy Fundamentals Wind Energy Hydroelectric and Ocean Energy Geothermal and Biomass Energy Principles of solar power (solar, photovoltaic, solar thermal). <ul style="list-style-type: none">• Photovoltaic (PV) Solar Power• Photovoltaic Effect• Solar Cells• Conversion of Sunlight to Electricity.• Efficiency• Orientation and Tilt• Grid-Tied Systems	9 Hours
2	Principles of solar power (solar, photovoltaic, solar thermal). <ul style="list-style-type: none">• Off-Grid Systems• Solar Thermal Power• Concentrating Solar Power (CSP)• Solar Water Heaters heat to water.• Storage Systems Energy Scenario. <ul style="list-style-type: none">• Energy Sources• Energy Consumption• Energy Production and Infrastructure• Environmental Impact• Energy Efficiency• Energy Policy and Regulation• Energy Security• Technological Advances• International Cooperation• Economic Factors	9 Hours

3	<p>Non-Conventional Energy</p> <ul style="list-style-type: none"> • Solar Energy • Wind Energy • Hydropower (Hydroelectric Energy) • Geothermal Energy • Biomass Energy • Tidal and Wave Energy • Hydrogen Energy • Nuclear Energy <p>MPPT Controller.</p> <ul style="list-style-type: none"> • Maximizing Solar Panel Efficiency • Dynamic Adjustment • Increased Energy Production • Compatibility with Battery Systems • Multiple PV Array Compatibility • Enhanced Flexibility 	9 Hours
4	<p>Radiation Energy.</p> <ul style="list-style-type: none"> • Electromagnetic Radiation • Gamma Rays and X-rays • Visible Light • Infrared and Microwaves • Radio Waves • Nuclear Radiation • Solar Radiation • Thermal Radiation • Cosmic Radiation • Ionizing Radiation • Non-Ionizing Radiation • Electromagnetic Radiation Sources <p>Converters:</p> <ul style="list-style-type: none"> • Boost Convertor. • Buck Convertor. <p>Hands on Practice / Projects Preparation</p>	9 Hours

Trainer Name: Mr. Vishnu Mawandia

References:

1. Chetan Singh Solanki "Solar PV technology and system", PHI learning private limited, 2015.
2. Luque A. L. and Andreev V.M., "Concentrator Photovoltaic", Springer, 2007.
3. Partain L.D., Fraas L.M., "Solar Cells and Their Applications", 2nd ed., Wiley, 2010.
4. S.P. Sukhatme, J.K.Nayak., "Solar Energy", Tata McGraw Hill Education Private Limited, New Delhi, 2010.
5. R.K Pachauri "From Sun light to Electricity" TERI, 15th Reprint , 2013

5. List of Registered Students

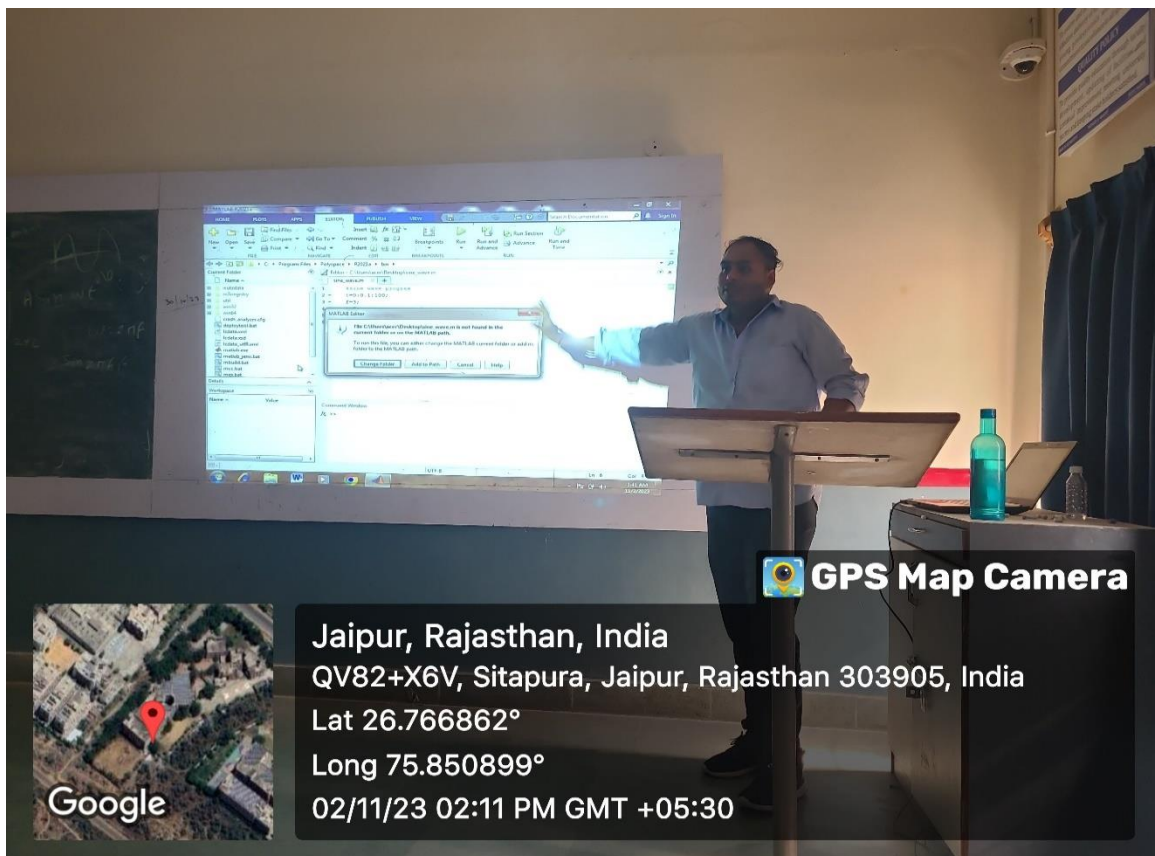
S.No.	Name of Student	Roll No.	Year	Semester
1	AMAAN KHAN	PCE21EE001	III	V
2	ANUJ YADAV	PCE21EE002	III	V
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V
4	ARYAN CHOUDHARY	PCE21EE004	III	V
5	DEBNIL MAHAPATRA	PCE21EE006	III	V
6	DEEPAK SHARMA	PCE21EE007	III	V
7	GAGANDEEP	PCE21EE008	III	V
8	HIMANSHU NAMA	PCE21EE009	III	V
9	KRIKA CHAWALA	PCE21EE010	III	V
10	MD ASIF ALI	PCE21EE011	III	V
11	NIKHIL SHARMA	PCE21EE013	III	V
12	PANKAJ BIJARNIYA	PCE21EE014	III	V
13	PRIYANSHU SHARMA	PCE21EE015	III	V
14	PUNEET SARASWAT	PCE21EE016	III	V
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V
16	RAM NARAYAN JAT	PCE21EE018	III	V
17	RAMCHIJ MEENA	PCE21EE019	III	V
18	RAVI SAINI	PCE21EE020	III	V
19	ROHIT KUMAR	PCE21EE021	III	V
20	SHER SINGH MEENA	PCE21EE022	III	V
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V
22	SHUBHAM VERMA	PCE21EE024	III	V
23	VINAY SHARMA	PCE21EE025	III	V
24	YATENDER YADAV	PCE21EE026	III	V
25	RAJKUMAR	PCE21EE027	III	V
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V

S.No.	Name of Student	Roll No.	Year	Semester
1	AKASH KUMAR	PCE22EE001	II	III
2	ANUJ SHARMA	PCE22EE002	II	III
3	ASHVINI NAGAR	PCE22EE003	II	III
4	BALKRISHAN SHARMA	PCE22EE004	II	III
5	HARSH PAREEK	PCE22EE005	II	III
6	JAIPAL	PCE22EE006	II	III
7	KAILASH CHOUDHARY	PCE22EE007	II	III
8	Vinay Pratap Singh	PCE22EC031	II	III
9	MOHAMMED AMAAN	PCE22EE008	II	III
10	NAGENDRA BEDA	PCE22EE009	II	III
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III
12	NITIN AGNIHOTRI	PCE22EE011	II	III
13	RAHUL SHARMA	PCE22EE012	II	III
14	SANJAY BAIRWA	PCE22EE013	II	III
15	SAURAV KUMAR	PCE22EE014	II	III
16	VISHAL SAINI	PCE22EE015	II	III
17	VISHANT KUMAR MEENA	PCE22EE016	II	III
18	YOGESH KUMAWAT	PCE22EE017	II	III

6. Highlights of the Course Sessions









Report of add-on course from
November 1, 2023 to November 7, 2023

Solar & Renewable Energy Program for Advanced Level
(AOC-DEP-EE-SREAL)





Report of add-on course from
November 1, 2023 to November 7, 2023

Solar & Renewable Energy Program for Advanced Level
(AOC-DEP-EE-SREAL)




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7. Attendance List of Students

Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date: 07/11/2022

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	<i>Amaan</i>	<i>Amaan</i>
2	ANUJ YADAV	PCE21EE002	III	V	<i>Anuj</i>	<i>Anuj</i>
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V	<i>Arpit Gupta</i>	<i>Arpit Gupta</i>
4	ARYAN CHOUDHARY	PCE21EE004	III	V	<i>Aryan</i>	<i>Aryan</i>
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	<i>Debnil</i>	<i>Debnil</i>
6	DEEPAK SHARMA	PCE21EE007	III	V	<i>Deepak</i>	<i>Deepak</i>
7	GAGANDEEP	PCE21EE008	III	V		
8	HIMANSHU NAMA	PCE21EE009	III	V	<i>Himanshu</i>	<i>Himanshu</i>
9	KRIKA CHAWALA	PCE21EE010	III	V	<i>Kritika</i>	<i>Kritika</i>
10	MD ASIF ALI	PCE21EE011	III	V	<i>Asif Ali</i>	<i>Asif Ali</i>
11	NIKHIL SHARMA	PCE21EE013	III	V	<i>Nikhil</i>	<i>Nikhil</i>
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	<i>Pankaj</i>	<i>Pankaj</i>
13	PRIYANSHU SHARMA	PCE21EE015	III	V	<i>Priyanshu</i>	<i>Priyanshu</i>
14	PUNEET SARASWAT	PCE21EE016	III	V	<i>Puneet</i>	<i>Puneet</i>
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V	<i>Raj Kumar</i>	<i>Raj Kumar</i>
16	RAM NARAYAN JAT	PCE21EE018	III	V	<i>Ram</i>	<i>Ram</i>
17	RAMCHIJ MEENA	PCE21EE019	III	V		
18	RAVI SAINI	PCE21EE020	III	V	<i>Ravi</i>	<i>Ravi</i>
19	ROHIT KUMAR	PCE21EE021	III	V	<i>Rohit</i>	<i>Rohit</i>
20	SHER SINGH MEENA	PCE21EE022	III	V	<i>Sher Singh</i>	<i>Sher Singh</i>
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	<i>Shubham</i>	<i>Shubham</i>
22	SHUBHAM VERMA	PCE21EE024	III	V	<i>Shubham</i>	<i>Shubham</i>
23	VINAY SHARMA	PCE21EE025	III	V	<i>Vinay</i>	<i>Vinay</i>
24	YATENDER YADAV	PCE21EE026	III	V	<i>Yatender</i>	<i>Yatender</i>
25	RAJKUMAR	PCE21EE027	III	V	<i>Raj Kumar</i>	<i>Raj Kumar</i>
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	<i>Peerzada</i>	<i>Peerzada</i>

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Poornima College of Engineering, Jaipur

Department of Electrical Engineering

Add on Course: Renewable Energy

Attendance Sheet

Date: 07/11/2023

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AKASH KUMAR	PCE22EE001	II	III	<i>[Signature]</i>	<i>[Signature]</i>
2	ANUJ SHARMA	PCE22EE002	II	III	<i>[Signature]</i>	<i>[Signature]</i>
3	ASHVINI NAGAR	PCE22EE003	II	III	<i>[Signature]</i>	<i>[Signature]</i>
4	BALKRISHAN SHARMA	PCE22EE004	II	III	<i>[Signature]</i>	<i>[Signature]</i>
5	HARSH PAREEK	PCE22EE005	II	III	<i>[Signature]</i>	<i>[Signature]</i>
6	JAIPAL	PCE22EE006	II	III	<i>[Signature]</i>	<i>[Signature]</i>
7	KAILASH CHOUDHARY	PCE22EE007	II	III	<i>[Signature]</i>	<i>[Signature]</i>
8	Vinay Pratap Singh	PCE22EE031	II	III	<i>[Signature]</i>	<i>[Signature]</i>
9	MOHAMMED AMAAN	PCE22EE008	II	III	<i>[Signature]</i>	<i>[Signature]</i>
10	NAGENDRA BEDA	PCE22EE009	II	III	<i>[Signature]</i>	<i>[Signature]</i>
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III	<i>[Signature]</i>	<i>[Signature]</i>
12	NITIN AGNIHOTRI	PCE22EE011	II	III	<i>[Signature]</i>	<i>[Signature]</i>
13	RAHUL SHARMA	PCE22EE012	II	III	<i>[Signature]</i>	<i>[Signature]</i>
14	SANJAY BAIRWA	PCE22EE013	II	III	<i>[Signature]</i>	<i>[Signature]</i>
15	SAURAV KUMAR	PCE22EE014	II	III	<i>[Signature]</i>	<i>[Signature]</i>
16	VISHAL SAINI	PCE22EE015	II	III	<i>[Signature]</i>	<i>[Signature]</i>
17	VISHANT KUMAR MEENA	PCE22EE016	II	III	<i>[Signature]</i>	<i>[Signature]</i>
18	YOGESH KUMAWAT	PCE22EE017	II	III	<i>[Signature]</i>	<i>[Signature]</i>

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Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date: 06/11/2023

S.No.	Name of Student	Roll No.	Year	Sem	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	Amman	Amman
2	ANUJ YADAV	PCE21EE002	III	V	Anuj Yadav	Anuj Yadav
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V		
4	ARYAN CHOUDHARY	PCE21EE004	III	V	Aryan	Aryan
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	Debnil	Debnil
6	DEEPAK SHARMA	PCE21EE007	III	V	Deepak	Deepak
7	GAGANDEEP	PCE21EE008	III	V		
8	HIMANSHU NAMA	PCE21EE009	III	V		
9	KRITIKA CHAWALA	PCE21EE010	III	V	Kritika	Kritika
10	MD ASIF ALI	PCE21EE011	III	V	Asif Ali	Asif Ali
11	NIKHIL SHARMA	PCE21EE013	III	V	Nikhil	Nikhil
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	Pankaj	Pankaj
13	PRIYANSHU SHARMA	PCE21EE015	III	V	Priyanshu	Priyanshu
14	PUNEET SARASWAT	PCE21EE016	III	V	Puneet	Puneet
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V	Rajkumar	Rajkumar
16	RAM NARAYAN JAT	PCE21EE018	III	V	Ram N. J.	Ram N. J.
17	RAMCHIJ MEENA	PCE21EE019	III	V	Ram	Ram
18	RAVI SAINI	PCE21EE020	III	V	Ravi	Ravi
19	ROHIT KUMAR	PCE21EE021	III	V	Rohit	Rohit
20	SHER SINGH MEENA	PCE21EE022	III	V	Sher Singh	Sher Singh
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	Shubham	Shubham
22	SHUBHAM VERMA	PCE21EE024	III	V	Shubham	Shubham
23	VINAY SHARMA	PCE21EE025	III	V	Vinay	Vinay
24	YATENDER YADAV	PCE21EE026	III	V	Yatender	Yatender
25	RAJKUMAR	PCE21EE027	III	V	Rajkumar	Rajkumar
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	Peerzada	Peerzada

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Poornima College of Engineering, Jaipur

Department of Electrical Engineering

Add on Course: Renewable Energy

Attendance Sheet

Date : 06/11/2023

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AKASH KUMAR	PCE22EE001	II	III	Akash	Akash
2	ANUJ SHARMA	PCE22EE002	II	III	Anuj	Anuj
3	ASHVINI NAGAR	PCE22EE003	II	III	Ashwani	Ashwani
4	BALKRISHAN SHARMA	PCE22EE004	II	III	Balkrishna	Balkrishna
5	HARSH PAREEK	PCE22EE005	II	III	Harsh	Harsh
6	JAIPAL	PCE22EE006	II	III		
7	KAILASH CHOUDHARY	PCE22EE007	II	III	Kailash	Kailash
8	Vinay Pratap Singh	PCE22EE031	II	III	Vinay	Vinay
9	MOHAMMED AMAAN	PCE22EE008	II	III	AMAN	AMAN
10	NAGENDRA BEDA	PCE22EE009	II	III	Naga	Naga
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III	Naman	Naman
12	NITIN AGNIHOTRI	PCE22EE011	II	III	Nitin	Nitin
13	RAHUL SHARMA	PCE22EE012	II	III	Rahul Sharma	Rahul Sharma
14	SANJAY BAIRWA	PCE22EE013	II	III	Sanjay	Sanjay
15	SAURAV KUMAR	PCE22EE014	II	III	Saurav	Saurav
16	VISHAL SAINI	PCE22EE015	II	III	Vishal	Vishal
17	VISHANT KUMAR MEENA	PCE22EE016	II	III	Vishant	Vishant
18	YOGESH KUMAWAT	PCE22EE017	II	III	Yogesh	Yogesh

Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date: 04/11/2023

S.No.	Name of Student	Roll No.	Year	Sem	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	Amaan	Amaan
2	ANUJ YADAV	PCE21EE002	III	V	Anuj Yadav	Anuj Yadav
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V	अर्पित गुप्ता	अर्पित गुप्ता
4	ARYAN CHOUDHARY	PCE21EE004	III	V	Aryan	Aryan
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	Debnil	Debnil
6	DEEPAK SHARMA	PCE21EE007	III	V	Deepak	Deepak
7	GAGANDEEP	PCE21EE008	III	V		
8	HIMANSHU NAMA	PCE21EE009	III	V		
9	KRITIKA CHAWALA	PCE21EE010	III	V	Kritika	Kritika
10	MD ASIF ALI	PCE21EE011	III	V	Asif Ali	Asif Ali
11	NIKHIL SHARMA	PCE21EE013	III	V	Nikhil	Nikhil
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	Pankaj	Pankaj
13	PRIYANSHU SHARMA	PCE21EE015	III	V	Priyanshu	Priyanshu
14	PUNEET SARASWAT	PCE21EE016	III	V	Puneet	Puneet
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V	Raj Kumar	Raj Kumar
16	RAM NARAYAN JAT	PCE21EE018	III	V	Ram N.J.	Ram N.J.
17	RAMCHIJ MEENA	PCE21EE019	III	V	Ram	Ram
18	RAVI SAINI	PCE21EE020	III	V	Ravi	Ravi
19	ROHIT KUMAR	PCE21EE021	III	V	Rohit	Rohit
20	SHER SINGH MEENA	PCE21EE022	III	V	Sher Singh	Sher Singh
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	Shubham	Shubham
22	SHUBHAM VERMA	PCE21EE024	III	V	Shubham	Shubham
23	VINAY SHARMA	PCE21EE025	III	V	Vinay	Vinay
24	YATENDER YADAV	PCE21EE026	III	V	Yatender Yadav	Yatender Yadav
25	RAJKUMAR	PCE21EE027	III	V	Raj	Raj
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	Peerzada	Peerzada

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Poornima College of Engineering, Jaipur

Department of Electrical Engineering

Add on Course: Renewable Energy

Attendance Sheet Date : 04/11/2023

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AKASH KUMAR	PCE22EE001	II	III	Akash	Akash
2	ANUJ SHARMA	PCE22EE002	II	III	Anuj	
3	ASHVINI NAGAR	PCE22EE003	II	III	Ashwini	Ashwini
4	BALKRISHAN SHARMA	PCE22EE004	II	III	Balkrish	Balkrish
5	HARSH PAREEK	PCE22EE005	II	III	Harsh	Harsh
6	JAIPAL	PCE22EE006	II	III		
7	KAILASH CHOUDHARY	PCE22EE007	II	III	Kailash	Kailash
8	Vinay Pratap Singh	PCE22EE031	II	III	Vinay	Vinay
9	MOHAMMED AMAAN	PCE22EE008	II	III	Amaan	Amaan
10	NAGENDRA BEDA	PCE22EE009	II	III	Nagendra	Nagendra
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III	Naman	Naman
12	NITIN AGNIHOTRI	PCE22EE011	II	III	Nitin	Nitin
13	RAHUL SHARMA	PCE22EE012	II	III		
14	SANJAY BAIRWA	PCE22EE013	II	III	Sanjay	Sanjay
15	SAURAV KUMAR	PCE22EE014	II	III	Saurav	Saurav
16	VISHAL SAINI	PCE22EE015	II	III	Vishal	Vishal
17	VISHANT KUMAR MEENA	PCE22EE016	II	III	Vishant	Vishant
18	YOGESH KUMAWAT	PCE22EE017	II	III	Yogesh	Yogesh

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Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date: 02/11/2023

S.No.	Name of Student	Roll No.	Year	Sem	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	<i>Amaan Khan</i>	<i>Amaan Khan</i>
2	ANUJ YADAV	PCE21EE002	III	V	<i>Anuj Yadav</i>	<i>Anuj Yadav</i>
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V	<i>Arpit Gupta</i>	<i>Arpit Gupta</i>
4	ARYAN CHOUDHARY	PCE21EE004	III	V	<i>Aryan Choudhary</i>	<i>Aryan Choudhary</i>
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	<i>Debnil Mahapatra</i>	<i>Debnil Mahapatra</i>
6	DEEPAK SHARMA	PCE21EE007	III	V	<i>Deepak Sharma</i>	<i>Deepak Sharma</i>
7	GAGANDEEP	PCE21EE008	III	V		
8	HIMANSHU NAMA	PCE21EE009	III	V		
9	KRITIKA CHAWALA	PCE21EE010	III	V	<i>Kritika Chawala</i>	<i>Kritika Chawala</i>
10	MD ASIF ALI	PCE21EE011	III	V	<i>MD Asif Ali</i>	<i>MD Asif Ali</i>
11	NIKHIL SHARMA	PCE21EE013	III	V	<i>Nikhil Sharma</i>	<i>Nikhil Sharma</i>
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	<i>Pankaj Bijarniya</i>	<i>Pankaj Bijarniya</i>
13	PRIYANSHU SHARMA	PCE21EE015	III	V	<i>Priyanshu Sharma</i>	<i>Priyanshu Sharma</i>
14	PUNEET SARASWAT	PCE21EE016	III	V	<i>Puneet Saraswat</i>	<i>Puneet Saraswat</i>
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V	<i>Rajkumar Bochaliya</i>	<i>Rajkumar Bochaliya</i>
16	RAM NARAYAN JAT	PCE21EE018	III	V	<i>Ram Narayan Jat</i>	<i>Ram Narayan Jat</i>
17	RAMCHIJ MEENA	PCE21EE019	III	V	<i>Ramchij Meena</i>	<i>Ramchij Meena</i>
18	RAVI SAINI	PCE21EE020	III	V	<i>Ravi Saini</i>	<i>Ravi Saini</i>
19	ROHIT KUMAR	PCE21EE021	III	V	<i>Rohit Kumar</i>	<i>Rohit Kumar</i>
20	SHER SINGH MEENA	PCE21EE022	III	V	<i>Sher Singh Meena</i>	<i>Sher Singh Meena</i>
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	<i>Shubham Kumar Yogi</i>	<i>Shubham Kumar Yogi</i>
22	SHUBHAM VERMA	PCE21EE024	III	V	<i>Shubham Verma</i>	<i>Shubham Verma</i>
23	VINAY SHARMA	PCE21EE025	III	V	<i>Vinay Sharma</i>	<i>Vinay Sharma</i>
24	YATENDER YADAV	PCE21EE026	III	V	<i>Yatender Yadav</i>	<i>Yatender Yadav</i>
25	RAJKUMAR	PCE21EE027	III	V	<i>Rajkumar</i>	<i>Rajkumar</i>
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	<i>Peerzada Abdul Hadie Shah</i>	<i>Peerzada Abdul Hadie Shah</i>

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Poornima College of Engineering
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Poornima College of Engineering, Jaipur
Department of Electrical Engineering
Add on Course: Renewable Energy
Attendance Sheet

Date : 03/11/2023

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AKASH KUMAR	PCE22EE001	II	III	Akash	Akash
2	ANUJ SHARMA	PCE22EE002	II	III	Anuj Sharma	Anuj
3	ASHVINI NAGAR	PCE22EE003	II	III	Anshu	Anshu
4	BALKRISHAN SHARMA	PCE22EE004	II	III	Balkrishna	Balkrishna
5	HARSH PAREEK	PCE22EE005	II	III	Harsh	Harsh
6	JAIPAL	PCE22EE006	II	III	Jaipal	Jaipal
7	KAILASH CHOUDHARY	PCE22EE007	II	III	Kailash	Kailash
8	Vinay Pratap Singh	PCE22EE031	II	III	Vinay	Vinay
9	MOHAMMED AMAAN	PCE22EE008	II	III	Amaan	Amaan
10	NAGENDRA BEDA	PCE22EE009	II	III	Nagendra	Nagendra
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III	Naman	Naman
12	NITIN AGNIHOTRI	PCE22EE011	II	III	Nitin	Nitin
13	RAHUL SHARMA	PCE22EE012	II	III	Rahul	Rahul
14	SANJAY BAIRWA	PCE22EE013	II	III	Sanjay	Sanjay
15	SAURAV KUMAR	PCE22EE014	II	III	Saurav	Saurav
16	VISHAL SAINI	PCE22EE015	II	III	Vishal	Vishal
17	VISHANT KUMAR MEENA	PCE22EE016	II	III	Vishant	Vishant
18	YOGESH KUMAWAT	PCE22EE017	II	III	Yogesh	Yogesh

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

Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date: 02/11/2023

S.No.	Name of Student	Roll No.	Year	Sem	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	Amaan Khan	Amaan Khan
2	ANUJ YADAV	PCE21EE002	III	V	Anuj Yadav	Anuj Yadav
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V	Arpit Gupta	Arpit Gupta
4	ARYAN CHOUDHARY	PCE21EE004	III	V	Aryan Choudhary	Aryan Choudhary
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	Debnil Mahapatra	Debnil Mahapatra
6	DEEPAK SHARMA	PCE21EE007	III	V	Deepak Sharma	Deepak Sharma
7	GAGANDEEP	PCE21EE008	III	V	Gagandeep	Gagandeep
8	HIMANSHU NAMA	PCE21EE009	III	V	Himanshu Nama	Himanshu Nama
9	KRITIKA CHAWALA	PCE21EE010	III	V	Kritika Chawala	Kritika Chawala
10	MD ASIF ALI	PCE21EE011	III	V	Asif Ali	Asif Ali
11	NIKHIL SHARMA	PCE21EE013	III	V	Nikhil Sharma	Nikhil Sharma
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	Pankaj Bijarniya	Pankaj Bijarniya
13	PRIYANSHU SHARMA	PCE21EE015	III	V	Priyanshu Sharma	Priyanshu Sharma
14	PUNEET SARASWAT	PCE21EE016	III	V	Puneet Saraswat	Puneet Saraswat
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V	Raj Kumar Bochaliya	Raj Kumar Bochaliya
16	RAM NARAYAN JAT	PCE21EE018	III	V	Ram Narayan Jat	Ram Narayan Jat
17	RAMCHIJ MEENA	PCE21EE019	III	V	Ramchij Meena	Ramchij Meena
18	RAVI SAINI	PCE21EE020	III	V	Ravi Saini	Ravi Saini
19	ROHIT KUMAR	PCE21EE021	III	V	Rohit Kumar	Rohit Kumar
20	SHER SINGH MEENA	PCE21EE022	III	V	Sher Singh Meena	Sher Singh Meena
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	Shubham Kumar Yogi	Shubham Kumar Yogi
22	SHUBHAM VERMA	PCE21EE024	III	V	Shubham Verma	Shubham Verma
23	VINAY SHARMA	PCE21EE025	III	V	Vinay Sharma	Vinay Sharma
24	YATENDER YADAV	PCE21EE026	III	V	Yatender Yadav	Yatender Yadav
25	RAJKUMAR	PCE21EE027	III	V	Raj Kumar	Raj Kumar
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	Peerzada Abdul Hadie Shah	Peerzada Abdul Hadie Shah

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Poornima College of Engineering
ISO-9001:2015 Institutional Area
Ghatapada, JAIPUR

Poornima College of Engineering, Jaipur
Department of Electrical Engineering

Add on Course: Renewable Energy
Attendance Sheet

Date : 01/11/2023

S.No.	Name of Student	Roll No.	Year	Sem	Pre Lunch Session Signature	Post Lunch Session Signature
1	AMAAN KHAN	PCE21EE001	III	V	<i>Panag</i>	<i>Panag</i>
2	ANUJ YADAV	PCE21EE002	III	V	<i>Anuj Yadav</i>	<i>Anuj Yadav</i>
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V	<i>Arpit</i>	<i>Arpit</i>
4	ARYAN CHOUDHARY	PCE21EE004	III	V	<i>Aaryan</i>	<i>Aaryan</i>
5	DEBNIL MAHAPATRA	PCE21EE006	III	V	<i>Debnil</i>	<i>Debnil</i>
6	DEEPAK SHARMA	PCE21EE007	III	V		
7	GAGANDEEP	PCE21EE008	III	V		
8	HIMANSHU NAMA	PCE21EE009	III	V		
9	KRITIKA CHAWALA	PCE21EE010	III	V	<i>Kritika</i>	<i>Kritika</i>
10	MD ASIF ALI	PCE21EE011	III	V		<i>MD Asif Ali</i>
11	NIKHIL SHARMA	PCE21EE013	III	V		
12	PANKAJ BIJARNIYA	PCE21EE014	III	V	<i>Pankaj</i>	<i>Pankaj</i>
13	PRIYANSHU SHARMA	PCE21EE015	III	V	<i>Priyanshu</i>	<i>Priyanshu</i>
14	PUNEET SARASWAT	PCE21EE016	III	V	<i>Puneet</i>	<i>Puneet</i>
15	RAJKUMAR BOCHALIYA	PCE21EE017	III	V		
16	RAM NARAYAN JAT	PCE21EE018	III	V	<i>Ram</i>	<i>Ram</i>
17	RAMCHIJ MEENA	PCE21EE019	III	V	<i>Ram</i>	<i>Ram</i>
18	RAVI SAINI	PCE21EE020	III	V	<i>Ravi</i>	<i>Ravi</i>
19	ROHIT KUMAR	PCE21EE021	III	V	<i>Rohit</i>	<i>Rohit</i>
20	SHER SINGH MEENA	PCE21EE022	III	V		
21	SHUBHAM KUMAR YOGI	PCE21EE023	III	V	<i>Shubham</i>	<i>Shubham</i>
22	SHUBHAM VERMA	PCE21EE024	III	V		
23	VINAY SHARMA	PCE21EE025	III	V		
24	YATENDER YADAV	PCE21EE026	III	V	<i>Yatender</i>	<i>Yatender</i>
25	RAJKUMAR	PCE21EE027	III	V	<i>Raj Kumar</i>	<i>Raj Kumar</i>
26	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V	<i>Peerzada</i>	<i>Peerzada</i>

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Dr. Mahesh Bundele
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Poornima College of Engineering
ISO-9001:2015 Institutional Area
Gulapura, JAIPUR

Poornima College of Engineering, Jaipur

Department of Electrical Engineering

Add on Course: Renewable Energy

Attendance Sheet Date: 01/11/2023

S.No.	Name of Student	Roll No.	Year	Semester	Pre Lunch Session Signature	Post Lunch Session Signature
1	AKASH KUMAR	PCE22EE001	II	III		
2	ANUJ SHARMA	PCE22EE002	II	III		
3	ASHVINI NAGAR	PCE22EE003	II	III		
4	BALKRISHAN SHARMA	PCE22EE004	II	III		
5	HARSH PAREEK	PCE22EE005	II	III		
6	JAIPAL	PCE22EE006	II	III		
7	KAILASH CHOUDHARY	PCE22EE007	II	III		
8	Vinay Pratap Singh	PCE22EE031	II	III		
9	MOHAMMED AMAAN	PCE22EE008	II	III		
10	NAGENDRA BEDA	PCE22EE009	II	III		
11	NAMAN SINGH CHOUHAN	PCE22EE010	II	III		
12	NITIN AGNIHOTRI	PCE22EE011	II	III		
13	RAHUL SHARMA	PCE22EE012	II	III		
14	SANJAY BAIRWA	PCE22EE013	II	III		
15	SAURAV KUMAR	PCE22EE014	II	III		
16	VISHAL SAINI	PCE22EE015	II	III		
17	VISHANT KUMAR MEENA	PCE22EE016	II	III		
18	YOGESH KUMAWAT	PCE22EE017	II	III		

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Director

Poornima College of Engineering
ISI-6, RIIICO Institutional Area
Gulapura, JAIPUR

8. List of Students Eligible for Certification

Poornima College of Engineering, Jaipur

Department of Electrical Engineering

Add on Course: Solar & Renewable Energy Program for Advanced Level










List of eligible students for certificate

S.No.	Name of Student	Roll No.	Year	Semester
1	AMAAN KHAN	PCE21EE001	III	V
2	ANUJ YADAV	PCE21EE002	III	V
3	ARPIT KUMAR GUPTA	PCE21EE003	III	V
4	ARYAN CHOUDHARY	PCE21EE004	III	V
5	DEBNIL MAHAPATRA	PCE21EE006	III	V
6	DEEPAK SHARMA	PCE21EE007	III	V
7	KRITIKA CHAWALA	PCE21EE010	III	V
8	NIKHIL SHARMA	PCE21EE013	III	V
9	PANKAJ BIJARNIYA	PCE21EE014	III	V
10	PRIYANSHU SHARMA	PCE21EE015	III	V
11	PUNEET SARASWAT	PCE21EE016	III	V
12	RAJKUMAR BOCHALIYA	PCE21EE017	III	V
13	RAM NARAYAN JAT	PCE21EE018	III	V
14	RAMCHIJ MEENA	PCE21EE019	III	V
15	RAVI SAINI	PCE21EE020	III	V
16	ROHIT KUMAR	PCE21EE021	III	V
17	SHER SINGH MEENA	PCE21EE022	III	V
18	SHUBHAM KUMAR YOGI	PCE21EE023	III	V
19	SHUBHAM VERMA	PCE21EE024	III	V
20	VINAY SHARMA	PCE21EE025	III	V
21	YATENDER YADAV	PCE21EE026	III	V
22	RAJKUMAR	PCE21EE027	III	V
23	PEERZADA ABDUL HADIE SHAH	PCE22EE702	III	V
24	AKASH KUMAR	PCE22EE001	II	III
25	ANUJ SHARMA	PCE22EE002	II	III
26	ASHVINI NAGAR	PCE22EE003	II	III
27	BALKRISHAN SHARMA	PCE22EE004	II	III
28	HARSH PAREEK	PCE22EE005	II	III
29	KAILASH CHOUDHARY	PCE22EE007	II	III
30	VINAY PRATAP SINGH	PCE22EC031	II	III
31	MOHAMMED AMAAN	PCE22EE008	II	III
32	NAGENDRA BEDA	PCE22EE009	II	III
33	NAMAN SINGH CHOUHAN	PCE22EE010	II	III
34	NITIN AGNIHOTRI	PCE22EE011	II	III
35	RAHUL SHARMA	PCE22EE012	II	III
36	SANJAY BAIRWA	PCE22EE013	II	III
37	SAURAV KUMAR	PCE22EE014	II	III
38	VISHAL SAINI	PCE22EE015	II	III
39	VISHANT KUMAR MEENA	PCE22EE016	II	III
40	YOGESH KUMAWAT	PCE22EE017	II	III


Dr. Mahesh Bunde
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Director

Poornima College of Engineering
ISO 9001:2015 Certified
Jaipur, JAIPUR

9. Certificates:

 BABA AUTOMOBILE	 POORNIMA COLLEGE OF ENGINEERING	Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f)	 CODEXTRA	 KAIZEN INNOVATION <small>(A Unit of Krishna Technological Private Limited)</small>	 NAVRITI <small>Engineering Lives</small> ISO 9001:2015 Certified
CERTIFICATE OF VALUE ADDED COURSE					
This is to here by certify that Mr./Ms. <u>Amaan Khan</u> with					
Reg. No. <u>PCE21EE001</u> Student of <u>IIIrd</u> Year, B.Tech. has successfully completed					
the Value Added Course (VAC) on <u>Solar & Renewable Energy Program</u> of 36 Hrs, conducted					
by <u>Department of Electrical Engineering</u> from November 01 to November 07, 2023.					
 Trainer	 Head of Department	 Vice Principal	 Principal & Director		


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

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Gulapura, JAIPUR



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COLLEGE OF ENGINEERING

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BABA
AUTOMOBILE



KAIZEN
INNOVATION
(A Unit of Kishan Technovent Private Limited)

NAVRITI
Engineering Solutions
ISO 9001:2015 Certified

CERTIFICATE OF VALUE ADDED COURSE

This is to here by certify that Mr./Ms. Akash Kumar with

Reg. No. PCE22EE001 Student of IInd Year, B.Tech. has successfully completed
the Value Added Course (VAC) on Solar & Renewable Energy Program of 36 Hrs, conducted
by Department of Electrical Engineering from November 01 to November 07, 2023.


Trainer


Head of Department


Vice-Principal


Principal & Director


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

Pooornima College of Engineering
ISO-9001:2015 Institutional Area
Gulapura, JAIPUR

10. Sample Feedback Form

i3-Technical Training Feedback_ODD_2023-24

Please give your valuable feedback in a scale of 1 to 5 .

1 - Strongly Disagree

2 - Disagree

3 - Neutral or Neither Agree nor Disagree

4 - Agree

5 - Strongly Agree

rachit.saxena@poomima.org [Switch accounts](#)

* Indicates required question

Email *

☐ Record rachit.saxena@poomima.org as the email to be included with my response

Student Registration No:- *

Your answer

Student Name: *

11. Feed Back

ADD – ON Course on “Solar & Renewable Energy Program for Advanced Level” (AOC-DEP-EE-SREAL)			
	Attributes	Comments	No. Of Comments
Program	Organizing Level	Excellent	36
		V. Good	2
		Good	2
		Poor	0
TEST	Relevance	Excellent	32
		V. Good	2
		Good	6
		Poor	0
	Depth	Excellent	31
		V. Good	5
		Good	4
		Poor	0
	Interest	Excellent	35
		V. Good	5
		Good	0
		Poor	0
INTERVIEWER	Knowledge	Excellent	32
		V. Good	2
		Good	6
		Poor	0
	Response to questions	Excellent	34
		V. Good	2
		Good	4
		Poor	0
	Delivery	Excellent	36
		V. Good	4
		Good	0
		Poor	0
Overall understanding of concepts		Excellent	35
		V. Good	2
		Good	3
		Poor	0
Would you like to attend similar activity in future		Yes	40
		No	00
Suggestions		This type of activity should be arrange in frequent manner.	