POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • NAAC A+ Accredited

A REPORT ON ALUMNI SESSION

TITLE AND DURATION: An Alumni Session on **"Sustainability & Energy Management"** on May 17, 2024.

ORGANIZER(S): Department of Mechanical, Poornima College of Engineering, Jaipur.

EXPECTED OUTCOMES:

Activity-1.1	Students will be able to apply insights and advice from alumni to develop a clearer career roadmap and professional growth plan.
Activity-1.2	Students will be able to integrate practical knowledge shared by alumni into their academic projects and assignments.
Activity-1.3	Students will be able to build a professional network by connecting with alumni, enhancing their career prospects and opportunities.

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	-	-	-	-	-	-	2	3	2
CO2	-	-	-	-	-	-	2	-	3	-	-	-	2	3	2
CO3	-	-	-	-	-	-	-	-	-	2	-	3	2	3	2

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

FLYER / POSTER:

BRIEF BIODATA OF RESOURCE PERSON: Mr Lakshay Mittal has graduated in 2022 as a Mechanical Engineer from Poornima College of Engineering. He is currently working as Sustainability Consultant, design2occupancy, Sitapura, Jaipur, Rajasthan. He is also certified as an energy consultant.

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

BRIEF OF THE SESSION:

Our mechanical engineering department had the privilege of hosting an interactive session with one of our distinguished alumni. The session was attended by 2nd and 3rd-year students and focused on opportunities in energy management and sustainability, as well as the current scenario in mechanical engineering. This report summarizes the key points discussed during the session and highlights the valuable insights shared by our alumnus.

Dr. Narayan Lal Jain, Professor & Head, Department of Mechanical Engineering, Poornima College of Engineering, Jaipur welcomed the alumni with a memento and all the participants in the session. Mr. Rajveer Singh & Ms. Harshita (3rd Year Students), introduced the guest and spoke about the session.

Thereafter, Mr Lakshay Mittal, Sustainability Consultant, design2occupancy, Sitapura, Jaipur, Rajasthan shared expertise and industry knowledge, painting a comprehensive picture of the current landscape and prospects.

Key Points Discussed

1. Opportunities in Energy Management and Sustainability

The alumnus highlighted the following opportunities within the energy management and sustainability sectors:

Renewable Energy: Emphasized the growing demand for engineers in solar, wind, and other renewable energy technologies. He discussed advancements in photovoltaic cells, wind turbine designs, and bioenergy.

Energy Efficiency: Covered the importance of improving energy efficiency in industrial processes and building designs. He mentioned energy audits, retrofitting existing systems, and the development of smart grids.

Sustainable Practices: Stressed the significance of sustainable engineering practices, including lifecycle analysis, sustainable materials, and waste management.

2. Skills and Knowledge Areas

The alumnus identified essential skills and knowledge areas for students interested in energy management and sustainability:

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

Technical Proficiency: Knowledge in thermodynamics, fluid mechanics, and heat transfer is crucial. Proficiency in simulation tools and software like MATLAB, ANSYS, and SolidWorks is highly beneficial.

Regulatory Understanding: Awareness of environmental regulations and standards, such as LEED certification and ISO 50001, is important for compliance and innovation.

Project Management: Skills in project management, including planning, execution, and monitoring, are vital for successful energy projects.

3. Current Scenario in Mechanical Engineering

The alumnus provided an overview of the current landscape in mechanical engineering:

Industry Trends: Highlighted trends such as automation, robotics, and the Internet of Things (IoT). Discussed how these technologies are transforming manufacturing processes and product designs.

Emerging Technologies: Mentioned advancements in additive manufacturing (3D printing), nanotechnology, and materials science. These technologies are opening new avenues for innovation and efficiency.

Career Prospects: Encouraged students to explore diverse career paths within mechanical engineering, including research and development, design, consulting, and academia.

Student Interaction

During the Q&A session, students asked insightful questions about career paths, industry challenges, and the future of mechanical engineering. The alumnus provided thoughtful answers, drawing from his own experiences and expertise.

Some of the questions included:

How to get started in the field of renewable energy?

The alumnus suggested internships, online courses, and participation in relevant projects and **competitions.**

What are the biggest challenges in implementing sustainable practices?

He discussed the initial cost, regulatory hurdles, and the need for interdisciplinary collaboration.

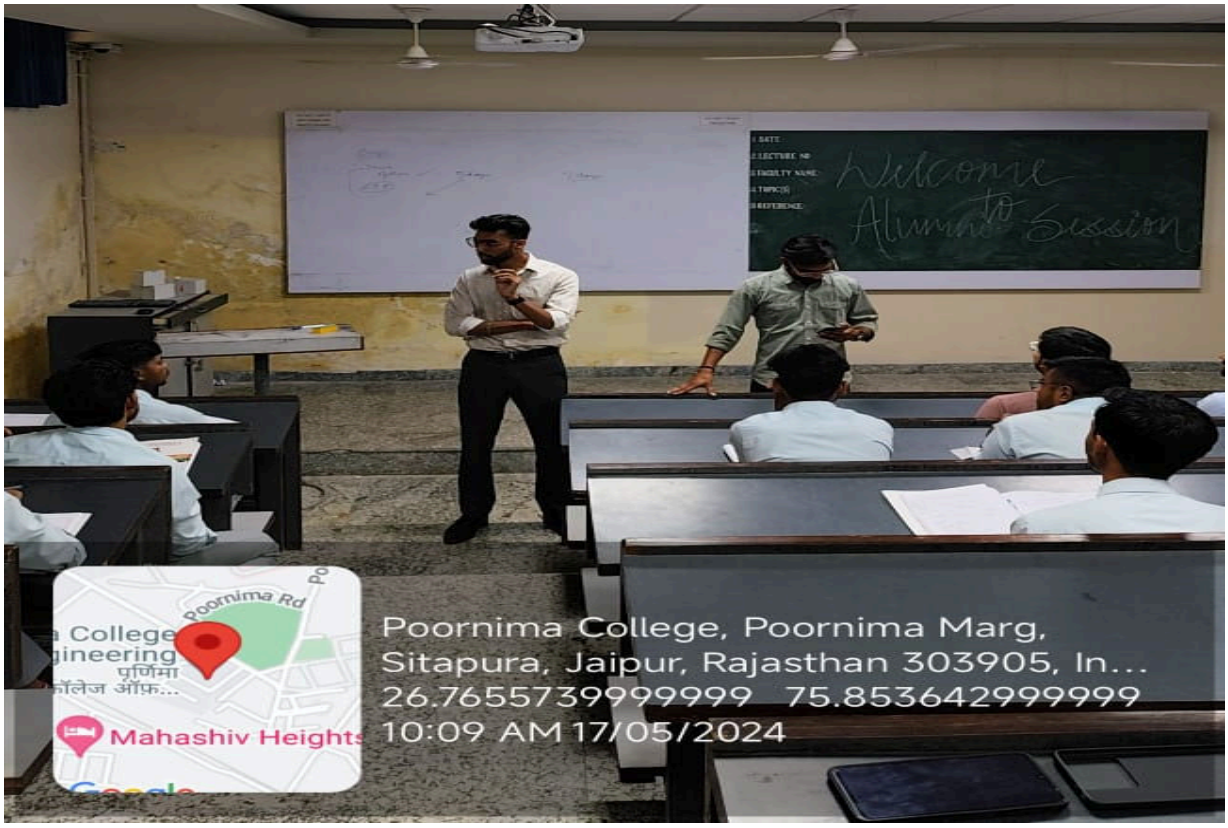
Conclusion

The session was highly informative and inspiring for our students. It provided them with a clearer understanding of the opportunities and challenges in energy management and sustainability, as well as current trends in mechanical engineering. We are grateful to our alumnus for taking the

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

time to share his knowledge and experiences, and we look forward to more such enriching interactions in the future.

GLIMPSES:



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

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

LIST OF PARTICIPANTS & ATTANDANCE:

Poornima College of Engineering, Jaipur

Department of Mechanical Engineering

17th May 2024 - Alumni Session.

Sr. No.	Year	Name	Registration No.	Sign
1	3rd Year	AYUSH SAXENA	PCE21ME001	Ayush Saxena
2	3rd Year	BHANU PRATAP	PCE21ME002	Bhanu Pratap
3	3rd Year	FARHAN KHAN	PCE21ME003	ABSENT.
4	3rd Year	HARSH KUMAWAT	PCE21ME004	ABSENT.
5	3rd Year	IBRAHIM .	PCE21ME006	Ibrahim
6	3rd Year	JAYANT SONI	PCE21ME007	Jayant Soni
7	3rd Year	MOHAMMAD AYYAN	PCE21ME008	Ayyan
8	3rd Year	MOHIT JOSHI	PCE21ME009	Mohit Joshi
9	3rd Year	MONU YADAV	PCE21ME010	Monu
10	3rd Year	PRIYA .	PCE21ME011	Priya
11	3rd Year	RAJU KUMAR	PCE21ME013	Raju Kumar
12	3rd Year	RAJVEER SINGH	PCE21ME014	राजवीर सिंह
13	3rd Year	RAMNARESH MATWA	PCE21ME016	Ramnaresh
14	3rd Year	ROBIN SINGH	PCE21ME017	Robin
15	3rd Year	SULABH SAXENA	PCE21ME020	Sulabh Saxena

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

16	3rd Year	TANMAY JANGID	PCE21ME021	
17	3rd Year	UTKARSH AGRAWAL	PCE21ME022	
18	3rd Year	VIVEK BAIRWA	PCE21ME023	
19	3rd Year	ASHISH KUSHWAH	PCE22ME801	
20	2nd Year	ABHINAV ANAND	PCE22ME002	
21	2nd Year	ABHISHEK ANAND	PCE22ME003	
22	2nd Year	ABHISHEK YADAV	PCE22ME004	
23	2nd Year	ANIL KUMAR MEENA	PCE22ME005	
24	2nd Year	ANIL SINGH	PCE22ME006	
25	2nd Year	ASHISH KUMAR	PCE22ME007	
26	2nd Year	BHUVNESH SARASWAT	PCE22ME008	
27	2nd Year	GAURAV JANGID	PCE22ME009	
28	2nd Year	HEERA LAL	PCE22ME010	
29	2nd Year	HITESH PANWAR	PCE22ME011	
30	2nd Year	KARTIKEY SINGH	PCE22ME013	
31	2nd Year	NITIN	PCE22ME015	
32	2nd Year	RAJPUT ANIL NANDKISHOR	PCE22ME016	
33	2nd Year	RISHI RAJ SAINI	PCE22ME017	

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

FEEDBACK ANALYSIS:

SESSION FEEDBACK ANALYSIS									
Sr. no.	Attributes	Total Feed Back	Total Feed Back:- 26						
			>80% Objective Achieved, 60 to 79 %- Satisfactory, Below 60%, Need improvement						
1	Do you think session was useful for you?	26	Yes	No	Partial	---	---	Remark	
			24	0	2	0	0	Objective Achieved	92.31
			92.31	0.00	7.69	0.00	0.00		
2	Did you receive all the information you expected by the session?	26	Yes	No	Partial	---	---	Remark	
			23	2	1	0	0	Objective Achieved	88.46
			88.46	7.69	3.85	0.00	0.00		
3	Opinion on Rating the speaker for the session	26	Outstanding	Excellent	Good	Average	Satisfactory	Remark	
			22	2	2	0	0	Objective Achieved - Outstanding & Excellent	92.31
			84.62	7.69	7.69	0.00	0.00		
4	Audience Query Response by the Speaker	26	Outstanding	Excellent	Good	Average	Satisfactory	Remark	
			19	4	2	1	0	Objective Achieved	88.46
			73.08	15.38	7.69	3.85	0.00		
5	Overall experience about the Session	26	Outstanding	Excellent	Good	Average	Satisfactory	Remark	
			19	3	3	1	0	Objective Achieved - Outstanding & Excellent	84.62
			73.08	11.54	11.54	3.85	0.00		
6	Would you like to attend future Alumni Session conducted by the Department?	26	Yes	No	---	---	---	Remark	
			26	0	0	0	0	Objective Achieved (Yes)	100.00
			100.00	0.00	0.00	0.00	0.00		

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

Notice

POORNIMA
COLLEGE OF ENGINEERING

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • NAAC A+ Accredited

PCE/ME/DO/2023-24/17 **Date: 11-05-2024**

NOTICE

"An Alumni Session on Sustainability & Energy Management" is being organized by the Department of Mechanical Engineering on **17, May 2024**. The activity will be held at as per the following schedule.

Date : 17, May 2024

Activity Name : An Alumni Session on Sustainability & Energy Management

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 Mr. Sanjay Kumawat.

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 Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR