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# **Report of FDP**

on

# Constructing Tomorrow: Advancements in construction engineering & Structural design

NAME OF ACTIVITY: FDP on Constructing Tomorrow: Advancements in

construction engineering & Structural design

DATE & DURATION: March 8-13, 2024

**ORGANIZED BY:** Department of Civil Engineering

# **EXPECTED OUTCOMES:**

- Participants will gain knowledge of the latest advancements in construction materials, methods, and technologies.
- Participants will understand modern approaches to structural design for sustainable and efficient construction.
- Participants will enhance their ability to integrate innovative practices and tools into academic curricula and research.

# **MAPPINGS WITH PO&PSO:**

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

СО	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

Dr. Mahesh Bundel

ornima College of Engineerin

# **OBJECTIVE:**

The objective of this Faculty Development Program is to equip participants with cutting-edge knowledge and skills in the field of construction engineering and structural design. Through interactive sessions, and case studies, the program aims to explore emerging trends, innovative technologies, and sustainable practices shaping the construction industry. Participants will gain insights into advanced methodologies, materials, and tools essential for designing resilient structures and addressing contemporary challenges. Ultimately, the FDP seeks to empower educators and professionals to integrate state-of-the-art practices into their teaching, research, and professional endeavors, fostering excellence and innovation in construction engineering and structural design.

# **ABOUT THE FDP:**

The FDP (Faculty Development Program) on "Constructing Tomorrow: Advancements in Construction Engineering & Structural Design" aims to delve into the forefront of construction engineering and structural design. Through a comprehensive curriculum, it seeks to familiarize participants with the latest technologies, methodologies, and sustainable approaches shaping the construction industry. The program emphasizes hands-on learning, workshops, and interactive sessions to facilitate deep understanding and practical application. Participants will explore emerging trends, innovative materials, and best practices essential for designing resilient structures. Ultimately, the FDP endeavors to empower educators and professionals with the knowledge and skills needed to drive innovation and excellence in construction engineering and structural design practices.

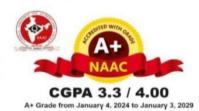
Dr. Mahesh Bundele

Poornima College of Engineerin 131-6, FulCO Institutional Area Stlagura, JAIPUR

# **BROCHURE:**







# Faculty Development Program on CONSTRUCTING TOMORROW: ADVANCEMENTS IN CONSTRUCTION ENGINEERING & STRUCTURAL DESIGN

(Hybrid mode) (March 8-13, 2024)



 $Registration\ Link\ \hbox{--}\ \underline{\text{https://forms.gle/kEVoT4rRszvMcnCo9}}$ 

Dr. Mahesh Bundel

Poornima College of Engineerin ISI-6, FIICO Institutional Area Stagura, JAIPUR





# PATRON

AR RAHUL SINGHI

DR MANESH RUNDELE

mima Callege of En

# PROGRAM CHAIRS

DO PANKAJI DHEMLA

OR, PRAN NATH DADRICK

HoD, CMI Engineering Deopriment, PCE, Jaipur, India

#### CONVENER

DE VISHAL SINGHAL

et Professor, CE, PCE, Jajour

MD PRATEEK SHARMA

nt Professor, CE, PCE, Jajour, India

#### MEMBERS

OR SANTANU MALIK

MD AVIISH MEENA

MR. BALWAN SHESHMA MR. SONU KUMAR

MR. RITURAJ SINGH RATHORE

#### IMPORTANT DATES

Registration Open Registration Closes imation to the Participants

February 26, 2024 March 06, 2024 March 08-15, 2024

### CONTACT FOR FURTHER INFORMATION

DR. VISHAL SINGHAL

MR. PRATEEK SHARMA sistant Professor, CE, PCE, Jap

# FIVE DAYS FOP

ON

CONSTRUCTING TOMORROW: ADVANCEMENTS IN CONSTRUCTION ENGINEERING & STRUCTURAL DESIGN (HYBRID MODE)

MARCH 08-13, 2024



Department of Civil Engineering Poornima Callege of Engineering, Jaipu



# ABOUT POORNIMA COLLEGE OF ENGINEERING

Poornima College of Engineering, the pioneer institute of Poornima Group was established in 2000 with the aim of imparting pragmatic technical education. In its magnificent journey of 23 years, PCE has set benchmarks and reached new pinnacles in engineering education with dedication, perseverance, and devotion with student strength of approx. 2,500 studying ten specializations of engineering (CSE, CSE (AI). AI & DS, CSE (Cyber Security, CSE (Regional Language), ECE, EE, ME, Civil & IT). With more than 3.5 Lakh square feet of built-up area, highly qualified faculties, state-of-the-art infrastructure, good placements, and an industry-led curriculum, PCE is marching ahead of others with tremendous growth since its inception. PCE is spearheading its outstanding voyage with the motto 'Success is not a destination, it's a journey'. Poornima College of Engineering, Jaipur has been ranked 2nd under the QIV Ranking of Rajasthan Technical University, Kota since 2017. Recently Poornima College of Engineering has got accredited by The National Assessment and Accreditation Council (NAAC) with A+ Grade for 5-years.

### ABOUT DEPARTMENT OF CIVIL ENGINEERING

The Civil Engineering Department of PCE came into existence in the year 2011 with an alignment of the department's evolution with key events and technological advances for the betterment of the society and nation. At present, it has the intake of 60 students providing all the amenities of infrastructure related to knowledge, research, experiments and training of multiple professions. Poornima College of Engineering believes that Civil Engineering is an evergreen branch in the engineering profession. Therefore, the Department of Civil Engineering has renowned scholars as the faculty members for sharing the knowledge. It has been taking initiatives for the versatile enhancement of the students through the technical, cultural and sports fests since its inception.

#### ABOUT THE FDP

The FDP (Faculty Development Program) on "Constructing Tomorrow.

Advancements in Construction Engineering & Structural Design" aims to delive into the forefront of construction engineering and structural design. Through a comprehensive curriculum, it seeks to familiarize participants with the latest technologies, methodologies, and sustainable approaches shaping the construction industry. The program emphasizes hands-on learning, workshops, and interactive sessions to facilitate deep understanding and practical application. Participants will explore emerging trends, innovative materials, and best practices essential for designing resilient structures. Ultimately, the FDP endeavors to empower educators and professionals with the knowledge and skills needed to drive innovation and excellence in construction engineering and structural design practices.

- 1. Advances in Soil investigation in design construction
- 2. Innovative construction material for sustainability
- 3. Emerging technology in construction practices
- 4. Advancement in structural design methods 5. Latest software uses in Civil Engineering

# **OBJECTIVE OF FOP**

The objective of this Faculty Development Program (FDP) is to equip participants with cutting-edge knowledge and skills in the field of construction engineering and structural design. Through interactive sessions, and case studies, the program aims to explore emerging trends, innovative technologies, and sustainable practices shaping the construction industry. Participants will gain insights into advanced methodologies, materials, and tools essential for designing resilient structures and addressing contemporary challenges. Ultimately, the FDP seeks to empower educators and professionals to integrate state-of-the-art practices into their teaching, research, and professional endeavors, fostering excellence, and innovation in construction engineering and

### **ELIGIBILITY CRITERIA**

This FOP is open to all the faculty members of AICTE approved institutions, research scholars, as persons working in Industry, (intrepreneurally or R&D organizations. Number of participants for the workshop is limited. The participants who will attend all the sessions of this workshop (attendance record-80%) and submit feedback forms will be eligible for E-Certificates.

#### RESOURCE PERSON

The resources person for this FOP will be experts in the relevant area from IITs, NITs, Industry

# **REGISTRATION & FEE**

There is no registration fee for this event. However, registration is computery. Segistration for the program may be done by filling the registration form online through the link: https://form.gla/kilvoTe/StankionCob

# FOP SCHEDULE

Inaugural Session -9:00 AM to 9:30 AM

Expert Session-1 930 AM to 1100 AM under and Director, TeXel Conculting Engineers (Pvt.) Ltd. Expert Session-2 100 PM to 230 PM

Mr. Engammagari Ganech (Recearcher)

Saturday, March 9, 2024

Mr. Sandesh Sharma (Researcher) mert Session-2 100 PM to 230 PM

Mr. Md Rhan Masse (Assistant Professor, Parvatibal Genba Mose College of Engineering, Wagholi, Pune)

#### Monday, March 11, 2024

Or. Shivraj Ohaka (Senior Counsellor, Confederation of Indian Industry (UI)
Indian Green Building Council (NSIC)
(Inpert Seaton-2 100 PM to 2:30 PM
Mr. Raketh Choudhary (Recearcher)

Tuesday, March 12, 2024

Expert Seaton-1 #30 AM to 1100 AM
Poojs Gupts (Associate Professor, SKIT, Jaipur)
Expert Seaton-2 100 PM to 230 PM
Mr. Jagdish Lohar (Researcher)

#### Wednesday, March 13, 2024

Expert Session-1 #30 AM to 11:00 AM

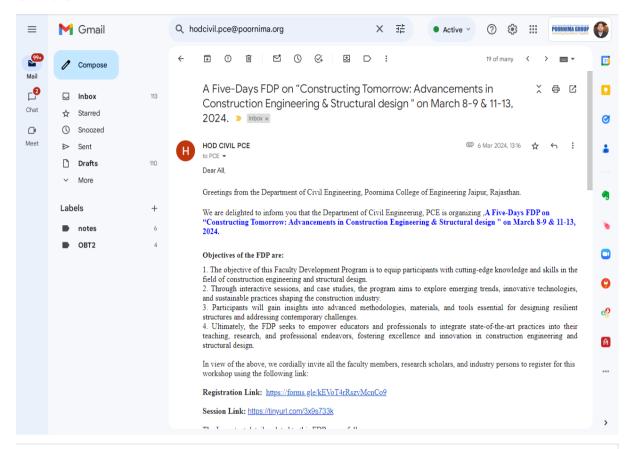
Or. Dhys Prakash Yadav (Research Scientist, IIT 8HU)

Expert Session-2 1:00 PM to 2:00 PM Er. Pradeep Gary (Supdt. Enginee Valedictory Session 2:00 PM to 2:30 PM

> 01 Dr. Mahesh Bundele B.E., M.E., Ph.D.

Poornima College of Engineering Stapura, JAIPUR

# **CIRCULAR:**



**POORNIMA GROUP** 

Prateek Sharma <prateek.sharma@poornima.org>

# A Five-Days FDP on "Constructing Tomorrow: Advancements in Construction Engineering & Structural design " on March 8-9 & 11-13, 2024.

HOD CIVIL PCE <hodcivil.pce@poornima.org>
To: PCE Family <pcefamily@poornima.org>

6 March 2024 at 13:15

Greetings from the Department of Civil Engineering, Poornima College of Engineering Jaipur, Rajasthan.

We are delighted to inform you that the Department of Civil Engineering, PCE is organizing "A Five-Days FDP on "Constructing Tomorrow: Advancements in Construction Engineering & Structural design" on March 8-9 & 11-13, 2024.

#### Objectives of the FDP are:

- 1. The objective of this Faculty Development Program is to equip participants with cutting-edge knowledge and skills in the field of construction engineering and structural design.
- Through interactive sessions, and case studies, the program aims to explore emerging trends, innovative technologies, and sustainable practices shaping the construction industry
- 3. Participants will gain insights into advanced methodologies, materials, and tools essential for designing resilient structures and addressing contemporary challenges.

  4. Ultimately, the FDP seeks to empower educators and professionals to integrate state-of-the-art practices into their teaching, research, and professional endeavors, fostering excellence and innovation in construction engineering and structural design.

In view of the above, we cordially invite all the faculty members, research scholars, and industry persons to register for this workshop using the following link:

Registration Link: https://forms.gle/kEVoT4rRszvMcnCo9

Session Link: https://tinyurl.com/3x9s733k

The Important details related to this FDP are as follows:

- There is No Registration Fee for this FDP. The registration link will remain active till March 7, 2024.
   Participants who complete the FDP with at least 80% attendance and attempt feedback will receive an e-certificate
- 3. Registered attendees will receive links to the invitation and expert information by March7, 2024, through email.

For your reference, here is the FDP brochure. Please feel free to contact the FDP's organizing/Coordinating team for more information.

FDP Convener

Dr. Vishal Singhal 9414779232 Mr.Prateek Sharma 9950267733

Thanks and Regards

Dr. Mahesh Bundele B.E., M.E., Ph.D.

Director ornima College of Engineering

# **PROGRAMME SCHEDULE:**

# Poornima College of Engineering, Jaipur Department of Civil Engineeering

Faculty Development Program on Constructing Tomorrow: Advancements in construction engineering & Structural design (8<sup>th</sup> March-13<sup>th</sup> March, 2024)

Date/Day	09:30 AM-11:00 AM	1:00 PM-2:30 PM
8 March	Session-1	Session-2
2024	Advancement in Structural Design	Advancement in Structural Design
Friday	Mr. Rohit	Mr. Engammagari Ganesh
	(Founder and Director, TeXel Consulting	(Research Scholar, MNIT, Jaipur) Estimation of
	Engineers (Pvt.) Ltd., Jaipur)	seismic fragility in structural systems
	(Structural design practices of pre engineering	
	building (PEB) in steel)	
9 March	Session-3	Session-4
2024	Innovative Construction Material for	Innovative Construction Material for Sustainability
Saturday	Sustainability	Mr. Rakesh Choudhary
	Mr. Sandesh Sharma	(Research Scholar, MNIT, Jaipur)
	(Research Scholar, MNIT, Jaipur) Special Concrete	(3D Concrete)
	(Bacterial concrete & ultra high performance	
11 March	Session-5	Session-6
2024	Emerging Technology in Construction Practices	Emerging Technology in Construction Practices
Monday	Dr.Shivraj Dhaka	Mr. Md Rihan Maaze
	(Senior Counsellor, Confederation of Indian	(Assistant Professor, Parvatibai Genba Moze
	Industry (CII) Indian Green Building Council	College of Engineering, Wagholi, Pune) (
	(IGBC) (Green Building)	Valorization of Construction and Demolition Waste
		for Sustainable Concrete)
12 March	Session-7	Session-8
2024	Advancement in Soil Investigation in	Advancement in Soil Investigation in Construction
Tuesday	Construction	Mr.Jagdish Lohar,
	Dr. Pooja Gupta	(Research Scholar, MNIT Jaipur), Geosynthetics
	(Associate Professor, SKIT, Jaipur)	application in Geotechnical Engineering
	Session-9	Session-10
	Latest Technology in Design Software	Latest Software & Trends in Civil Engineering
	Mr. Hitesh.B.Lahoti (Design High Rise Building	Er. Pradeep Garg
13 March 2024	Using E-TABS Software)	(S.E,CPWD)
Wednesday	Using E-TADS Software)	(S.E,CI WD)

Dr. Mahesh Bundele

Oirector

College of Engineering
ISI-0, RIICO Institutional Area
Stapura, JAIPUR

# DAY-1 INAUGURAL CEREMONY

# **Q-SHEET:**





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Five Days Faculty Development Programme (FDP)
On

Constructing Tomorrow: Advancements in Construction Engineering & Structural
Design
(Hybrid Mode)

Organized by

### Department of Civil Engineering Poornima College of Engineering, Jaipur, India Q- Sheet of Inaugural Session Friday, 8th, March, 2024

S. No	Activity	Duration	Time
1.	Welcome of Dignitaries by the anchor	01 Min	09:00 am-09:01 am
2.	Ganesh Vandana	01 Min	09:01 am-09:02 am
3.	Welcome of Chief Guest Prof. Rajat Rastogi, Department of Civil Engineering, IIT Roorkee, India by Dr. Mahesh Bundele, Director, Poornima College of Engineering with bouquet and memento.	01 Min	09:02 am-09:03 am
4.	Brief Introduction about the Institute by Prof.Pankaj Dhemla, Vice Principal, PCE	04 Min	09:04 am-09:07 am
5.	Brief Introduction about the Department by Prof. Pran Nath Dadhich, HoD Civil, PCE	03 Min	09:08 am-09:10 am
6.	Introduction of FDP by Mr. Prateek Sharma, Department of Civil Engineering, Poornima College of Engineering, Jaipur.	02 Min	09:11 am-09:13 am
7.	Welcome address by Dr. Mahesh Bundele, Director, Poornima College of Engineering	04 Min	09:14 am-09:17 am
8.	Address by Chief Guest Dr. Rajat Rastogi, Professor, Department of Civil Engineering, IIT Roorkee, India	10 Min	09:18 am-09:27 am
9.	Vote of Thanks by Mr. Balwan Sheshma, Assistant Professor, Department of Civil Engineering, PCE	02 Min	09:28 am-09:29 am
10.	Group Photograph	01 Min	09:29 am-09:30 am

Dr. Mahesh Bundele

Director

Poornima College of Engineering
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# **Faculty Development Programme on**

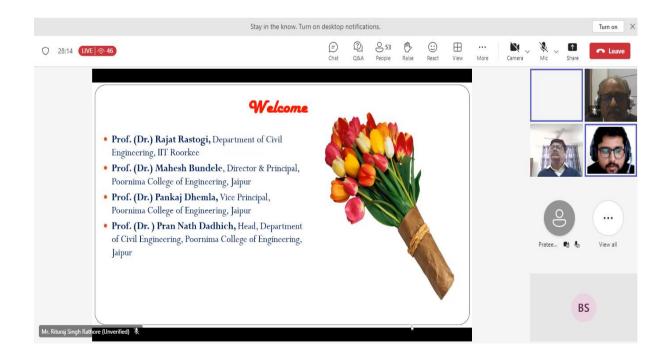
# Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

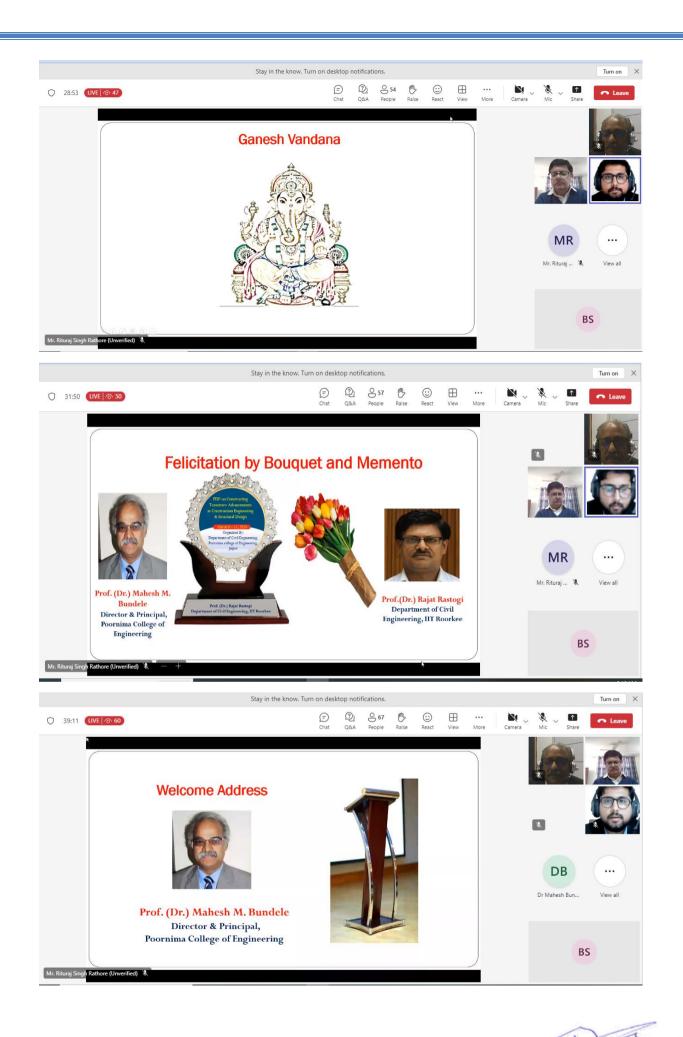
# Welcome to the Inaugural Ceremony!

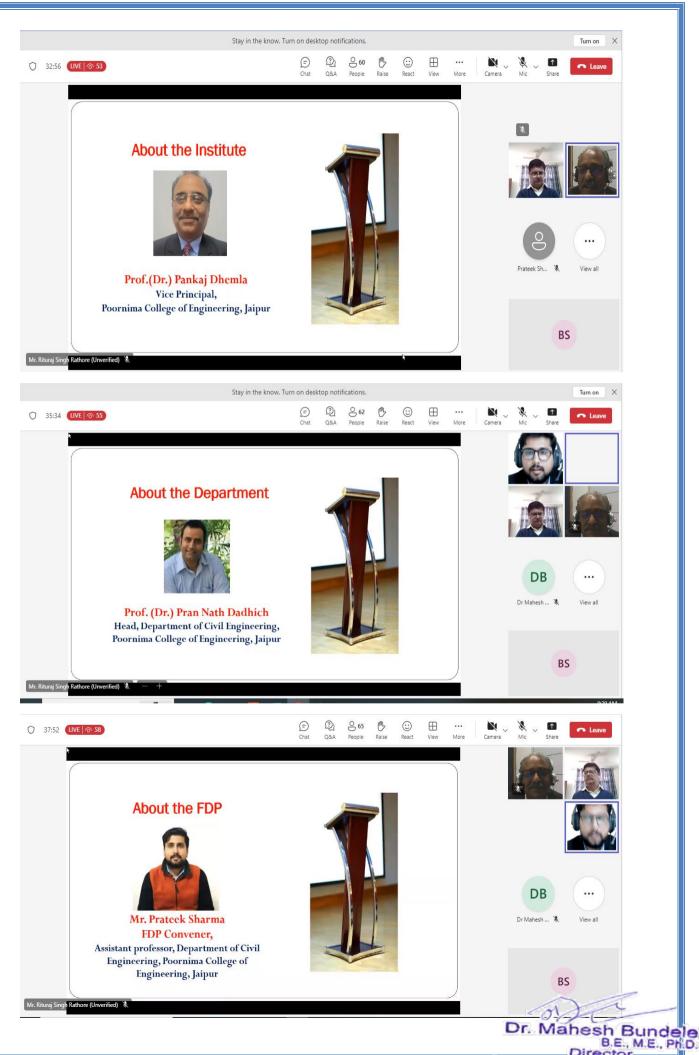
Date: 08 March 2024 Time: 09:00-09:30

The FDP began with its Inaugural Session seeking the blessings of Lord Ganesha. The session witnessed addresses of dignified persons, chief guest **Prof. Rajat Rastogi,** Department of Civil Engineering, IIT Roorkee, **Dr. Mahesh Bundele**, Director, Poornima College of Engineering, **Prof.(Dr.). Pankaj Dhemla**, Vice-Principal, **Prof (Dr). PranNath Dadhich,** HOD, Department of Civil Engineering, PCE.

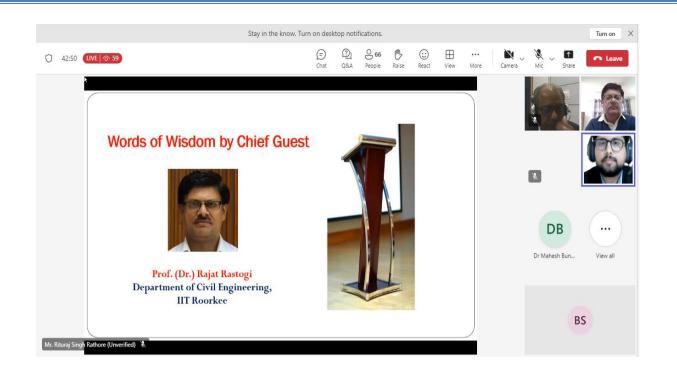


Stapura, JAIP





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# Day-I

#### Session-I





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# **Faculty Development Programme on**

# Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

# **Welcome to Session 1**

Date: 08 March 2024 Time: 09:30-11:00

Topic: Structural design practices of pre engineering building (PEB) in steel

Date & Day: March 08th, 2024 & Friday.

Time: 9:30 AM to 11:00 AM

Resource Person: Mr. Rohit

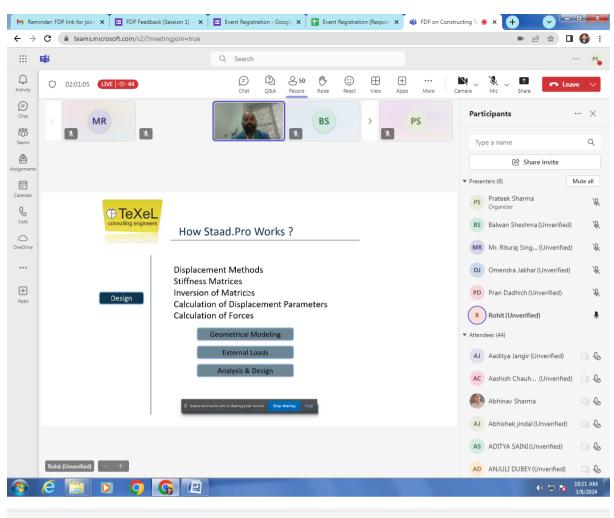
(Founder and Director, TeXel Consulting Engineers (Pvt.) Ltd., Jaipur)

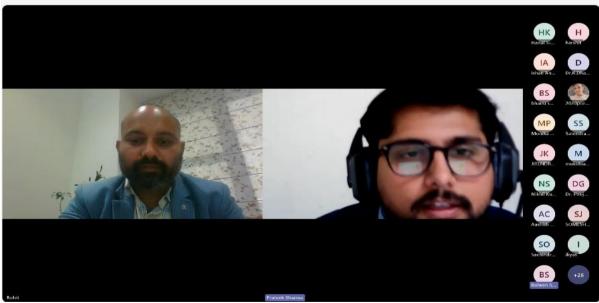
#### **About the Session:**

Mr. Rohit commenced the session on Staad.Pro & Structural Design Practices of Pre-Engineered Buildings (PEB) in Steel with an overview of the significance of PEBs in contemporary construction. He emphasized the increasing popularity of PEBs owing to their cost-effectiveness, speed of construction, and design flexibility. His main focus on Comprehensive understanding of PEB fundamentals and design principles. Insight into material selection criteria and structural considerations for PEBs. Familiarity with connection design methodologies and optimization techniques.

The session featured interactive discussions and Q&A segments, allowing participants to clarify doubts and delve deeper into specific aspects of PEB design. Mr. Rohit encouraged active participation, fostering a conducive learning environment.

Director
Poornima College of Engineering
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#### Session-II

**Topic:** Estimation of seismic fragility in structural systems

Date & Day: March 08th, 2024 & Friday.

Time: 01:00 PM to 02:30 PM





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# **Faculty Development Programme on**

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

# **Welcome to Session 2**

Date: 08 March 2024 Time: 01:00-2:30 PM

#### Resource Person: Engammagari Ganesh

Engammagari Ganesh is a scholar pursuing a Ph.D. in NCDMM at MNIT. He completed his post-graduation from MNIT Jaipur and graduation from Pullareddy Engineering college, Kurnool. Apart from academic excellence, Ganesh has actively participated in extracurricular activities. He has received numerous accolades, including prizes for paper presentations, debates, and quizzes. Additionally, he has contributed to various social causes as an NSS volunteer. Ganesh's research contributions are evident through his publications in reputable journals and presentations at national and international conferences. His research interests primarily revolve around structural dynamics, seismic fragility, and mathematical modeling.

# **About the Session:**

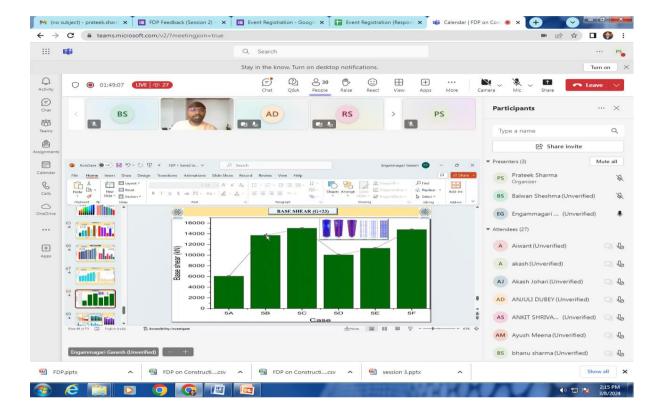
Mr. E. Ganesh led the second session on Estimation of Seismic Fragility in Structural Systems, delving into the critical aspect of assessing structural vulnerability to seismic events. He elucidated the significance of seismic fragility analysis in enhancing structural resilience and mitigating seismic risks. His main focus on, Seismic Fragility Analysis & Fundamentals of Seismic Engineering.

Mr. Ganesh provided an overview of seismic fragility analysis, explaining its role in quantifying the probability of structural damage or failure under seismic loading conditions.

Dr. Mahesh Bundele
B.E. M.E. Ph.D.
Director
Poornima College of Engineering
181-6, RUCO Institutional Area

The presenter elucidated fundamental concepts in seismic engineering, including ground motion characteristics, seismic hazard analysis, and the seismic design philosophy.

Participants engaged in interactive discussions and knowledge-sharing activities, exploring practical challenges and best practices in seismic fragility estimation. Mr. Ganesh encouraged active participation, fostering an enriching learning environment.



Dr. Mahesh Bundele
B.E., M.E., Pr. D.

Director

Cornima College of Engineering
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Citapura, JAIPUR

# Day-2

# **Session-III**

Topic: Special Concrete (Bacterial concrete & ultra-high performance concrete)

(Innovative Construction Material for Sustainability)

Date & Day: March 09th, 2024 & Saturday.

Time: 09:30 AM to 11:30 AM

Resource Person: Mr. Sandesh Sharma

(Research Scholar, MNIT, Jaipur) Special Concrete (Bacterial concrete & ultra-high performance concrete )



25

\* YEARS\*

OF EXCELLENCE

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**Faculty Development Programme on** 

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

Welcome to Session 3

Date: 09 March 2024 Time: 09:30-11:00 AM



### **About the Session:**

Mr. Sandesh Sharma led the third session, focusing on Bacterial Concrete and Mr. Light

Director

Director

Poornima College of Engineering
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Stlapura, JAIPUR

Performance Concrete (UHPC), two innovative materials revolutionizing the construction industry. He explored the unique properties, benefits, and applications of these advanced concrete types.

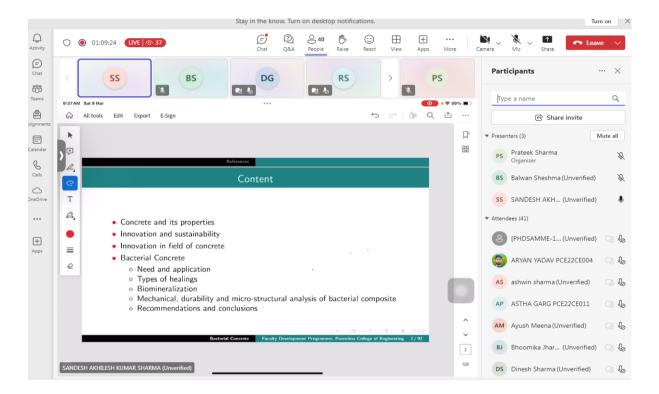
# **Key Topics Covered:**

#### **Bacterial Concrete:**

Mr. Sharma introduced bacterial concrete, highlighting its self-healing properties facilitated by embedded bacteria capable of producing calcium carbonate to repair cracks autonomously. He discussed the mechanisms, advantages, and challenges associated with bacterial concrete applications.

Ultra-High Performance Concrete (UHPC):

The presenter delved into the characteristics and composition of UHPC, emphasizing its exceptional strength, durability, and ductility. He elaborated on the constituent materials, mix design, and manufacturing processes that contribute to UHPC's superior performance.



Mr. Sandesh Sharma's session on Bacterial Concrete and Ultra High Performance Concrete provided participants with a comprehensive overview of these cutting-edge materials and their transformative potential in construction. The session fostered a deeper understanding of the technical aspects, applications, and sustainability implications of bacterial concrete and UHPC.

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

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#### **Session-IV**

**Topic: 3D Concrete** 

**Innovative Construction Material for Sustainability** 

Date & Day: March 09th, 2024 & Saturday.

Time: 01:00 PM to 2:30 PM

Resource Person: Mr. Rakesh Choudhary





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**Faculty Development Programme on** 

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

**Welcome to Session 4** 

Date: 09 March 2024 Time: 01:00-2:30 PM

# **About the Session:**

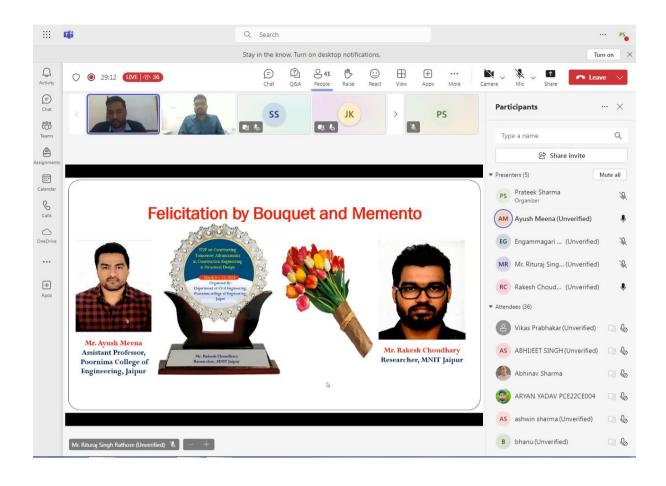
Rakesh Choudhary is currently pursuing his Ph.D. in Civil Engineering from MNIT, Jaipur. He completed his M.Tech in earthquake engineering from MNIT, Jaipur. Prior to that, he obtained his B.Tech in Civil Engineering from Govt. Engineering College, Jhalawar.

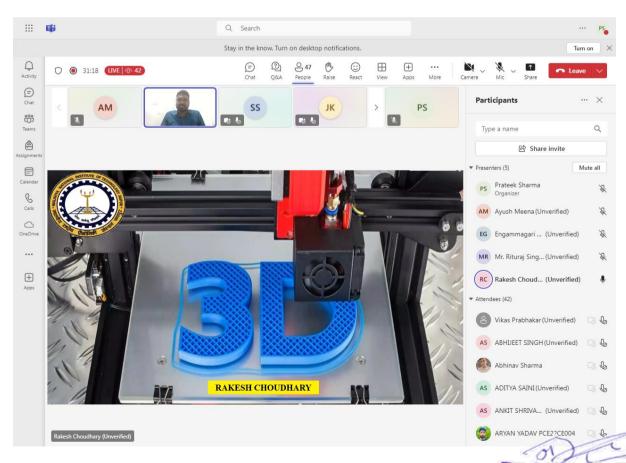
Rakesh sir has gained valuable professional experience through various roles. He served as an Assistant Professor at Poornima University, Jaipur and at Vyas College of Engineering & Technology, Jodhpur. Prior to his academic career, he worked as a Consultant Engineer at M/s Shree Bhairavnath Enterprises, Jodhpur, and contributed to the construction of Rajasthan High court building with RSRTC Jodhpur.

Rakesh's research interests and publications demonstrate his commitment to advancing the field of civil engineering. He has authored papers on topics such as the partial replacement offine aggregate with glass and treatment of wastewater in the dairy industry. His technical skills include proficiency in AutoCAD and MATLAB.

Dr. Mahesh Bundel

Poornima College of Engineerin 181-6, RICO Institutional Area Strapura JAIPUR





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

Poornima College of Engineering 131-6, RIICO Institutional Area Stapura, JAIPUR

# Day-3

#### Session-V

**Topic: Green Building** 

**Emerging Technology in Construction Practices** 

Date & Day: March 11th, 2024 & Monday.

Time: 09:30 AM to 11:30 AM

Resource Person: Dr. Shivraj Dhaka

(Senior Counsellor, Confederation of Indian Industry (CII) Indian Green Building

Council (IGBC)





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# **Faculty Development Programme on**

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

# **Welcome to Session 5**

Date: 11 March 2024 Time: 09:30-11:00 AM

# **About Resource person**

Dr. Shivraj has over 17 years of rich experience in industry and academia. He has been awarded DAAD Fellowship for research at 'Karlsruhe Institute of Technology (KIT), Germany'. ASHRAE awarded scholarships to Dr. Shivraj and presently he is RRL at ASHRAE Region- At-Large to advocate on 'Energy Efficiency and Net Zero. At Indian Green Building Council, Dr. Shivraj heads Green Building Certification of Commercial Establishments. Along with this, he leads Green and Net Zero cooperation projects. Building Simulation, Standards & Energy & Energy & Energy & Energy & Energy interests of Dr. Shivraj. He served ASHRAE in several capacities and presently Dr. Shivraj is the President of ASHRAE Rajasthan Chapter. He is a member of several Technical Committees of ASHRAE. Research scholars regularly interact with Dr. Shivraj for mentorship on variety of topics.

Dr. Mahesh Bundele B.E., M.E., Price Director

#### **About the Session:**

Session No. 5 of Dr. Shivraj Dhaka's lecture series on Green Building provided a comprehensive overview of sustainable construction principles, benefits, and practices. Attendees gained valuable insights into the significance of green building in addressing environmental challenges while creating healthier and more efficient built environments. The session underscored the importance of integrating sustainability into every stage of the building lifecycle, from design and construction to operation and maintenance, to achieve lasting environmental and societal impact





Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Coornima College of Engineering

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Stlapura, JAIPUR

# **IGBC Green New Buildings - Checklist**

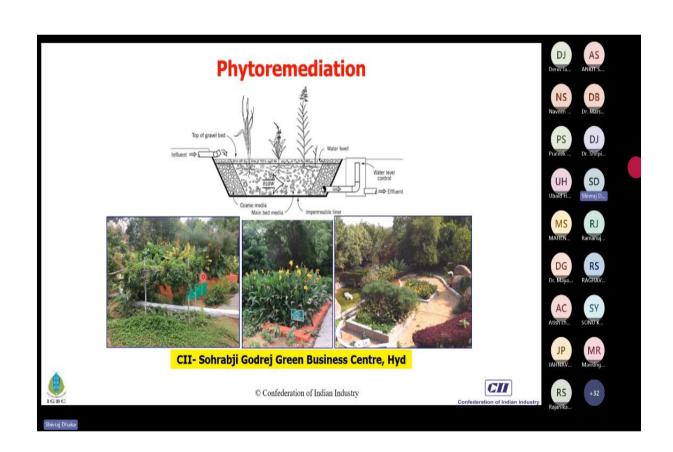
	Sustainable Architecture and Design	10 10 10 10 10 10 10 10 10 10 10 10 10 1	
SA Credit 1	Integrated Design Approach	1	1
SA Credit 2	Site Preservation	2	2
SA Credit 3	Passive Architecture	2	2
		5	5
	Site Selection and Planning		
SSP Mandatory Requirement 1	Local Building Regulations	Required	Required
SSP Mandatory Requirement 2	Soil Erosion Control	Required	Required
SSP Credit 1	Basic Amenities	1	1
SSP Credit 2	Proximity to Public Transport	1	1
SSP Credit 3	Low-emitting Vehicles	1	1
SSP Credit 4	Natural Topography or Vegetation	2	2
SSP Credit 5	Preservation or Transplantation of Trees	1	1
SSP Credit 6	Heat Island Reduction, Non-roof	2	2
SSP Credit 7	Heat Island Reduction, Roof	2	2
SSP Credit 8	Outdoor Light Pollution Reduction	1	1
SSP Credit 9	Universal Design	1	1
SSP Credit 10	Basic Facilities for Construction Workforce	1	1
SSP Credit 11	Green Building Guidelines	1	1
		14	14



CII



Shivraj Dhaka



Dr. Mahesh Bundele

Poornima College of Engineering 131-6, FUICO Institutional Area Stapura, JAIPUR



### Session-VI

Topic: Valorization of Construction and Demolition Waste for Sustainable Concrete

Date & Day: March 11th, 2024 & Monday

Time: 01:00 PM to 02:30 PM

Resource Person: Mr. Md Rihan Maaze

(Assistant Professor, Parvatibai Genba Moze College of Engineering, Wagholi, Pune)

(Valorization of Construction and Demolition Waste for Sustainable Concrete)





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**Faculty Development Programme on** 

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

Welcome to Session 6

Date: 11 March 2024 Time: 01:00-2:30 PM

Dr. Mahesh Bundele

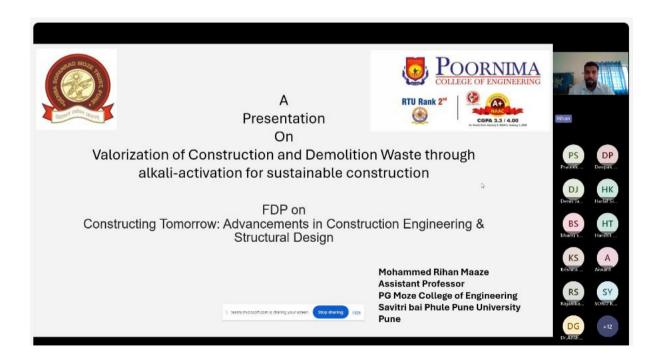
Poornima College of Engineerin 181-6, RICO Institutional Area Strapura JAIPUR

#### **About the resource Person**

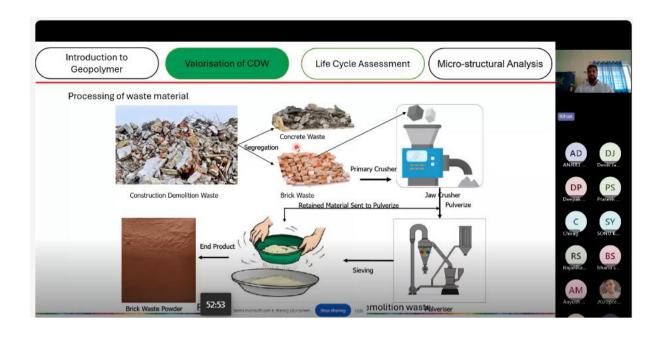
Mohammed Rihan has completed his PhD in Civil Engineering from MNIT Jaipur, Currently working as an Assistant Professor in the Civil Engineering Department at PG Moze College of Engineering Pune, affiliated with Savitri Bai Phule Pune University, he has 6 years of teaching experience and 4 years of research experience. Rihan has been recognized for his contributions with the Swacch Saarthi Fellowship from the Principal Scientific Advisor, Government of India, and has received a Gold Medal in M.Tech. He has published 10 SCIE/Scopus indexed research articles, holds one Indian patent, and his research interests include geopolymer concrete, construction and demolition waste recycling, sustainability assessment, design optimization, and product development using waste materials.

#### **About the Session:**

Session No. 6 of Mr. Rihan Maaze's lecture series provided valuable insights into the valorization of construction and demolition waste for sustainable concrete production. Attendees gained a deeper understanding of the potential of CDW as a valuable resource in the construction industry, contributing to resource efficiency, environmental sustainability, and circular economy principles. The session underscored the importance of ongoing research, innovation, and collaboration to further advance the adoption of sustainable practices in concrete production and waste management.



Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-0, FUICO Institutional Area
Stapura, JAIPUR



# **Session-VII**

Topic: Advancement in Soil Investigation in Construction

Date & Day: March 12th, 2024 & Tuesday.

Time: 09:30 AM to 11:30 AM

Resource Person: Dr.Pooja Gupta





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**Faculty Development Programme on** 

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

Welcome to Session 7

Date: 12 March 2024 Time: 09:30-11:00 AM

# About the speaker -

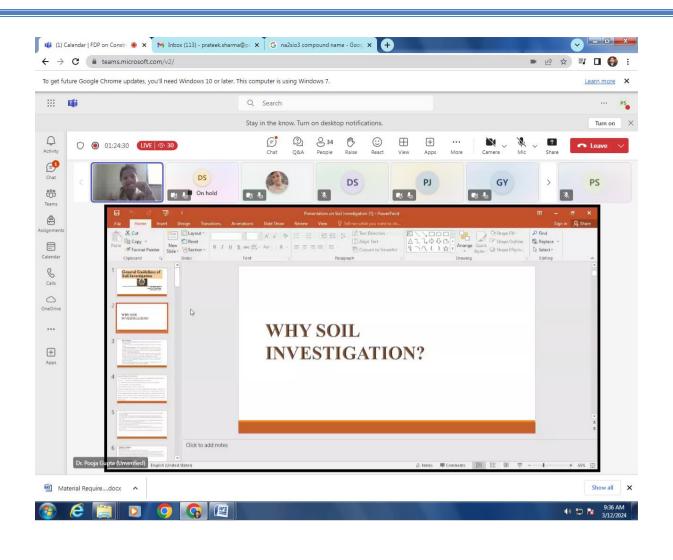
Dr. Pooja Gupta is an accomplished professional with a passion for teaching and a strong commitment to her field. With over 18 years of experience in the civil engineering domain, Dr. Gupta has made significant contributions to the academic and research communities. She has completed PhD in Year 2018 from Rajasthan Technical University, and her area of research is Ground improvement and Geotechnical Engineering.

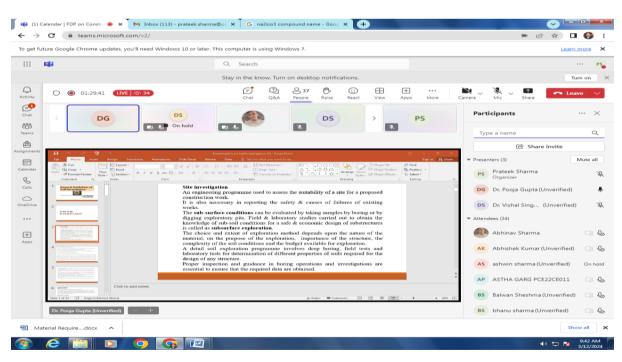
Poornima College of Engineerin 131-6, FIICO Institutional Area Currently serving as an Associate Professor at Swami Keshvanand Institute of Technology, Management & Gramothan in Jaipur, she previously held the position of Professor at Poornima College of Engineering, Jaipur. Dr. Gupta's expertise and knowledge have been recognized through her nomination in the Research Committee of the Department of Civil Engineering at Rajasthan Technical University, Kota.

### **About the Session:**

Session No. 7 of Dr. Pooja Gupta's lecture series provided valuable insights into the advancements in soil investigation techniques and their implications for the construction industry. Attendees gained a deeper understanding of the importance of leveraging innovative technologies and methodologies to enhance the accuracy, efficiency, and reliability of soil characterization processes.







#### Session-VIII

**Topic:** Geosynthetics application in Geotechnical Engineering

Date & Day: March 12th, 2024 & Tuesday.

Time: 01:00 PM to 02:30 PM

Resource Person: Mr.Jagdish Lohar,

(Research Scholar, MNIT Jaipur),



25
\* YEARS\*
OF EXCELLENCE

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08-13 March 2024

**Welcome to Session 8** 

Date: 12 March 2024 Time: 01:00-2:30 PM

#### **About Resource Person:**

Jagdish Lohar is currently pursuing his Ph.D. in Civil Engineering from Malaviya National Institute of Technology Jaipur, Rajasthan, specializing in 'Geosynthetics reinforced soil structures'. He holds a Master's degree in Structural Engineering and a Bachelor's degree in Civil Engineering. With a focus on sustainability, he has published 5 SCIE/Scopus indexed research articles and holds three Indian patents. His research interests encompass reinforced soil structures, waste recycling, sustainable construction practices, and earthen construction. Recognized for his contributions, he has been awarded for the best paper in two international conferences.

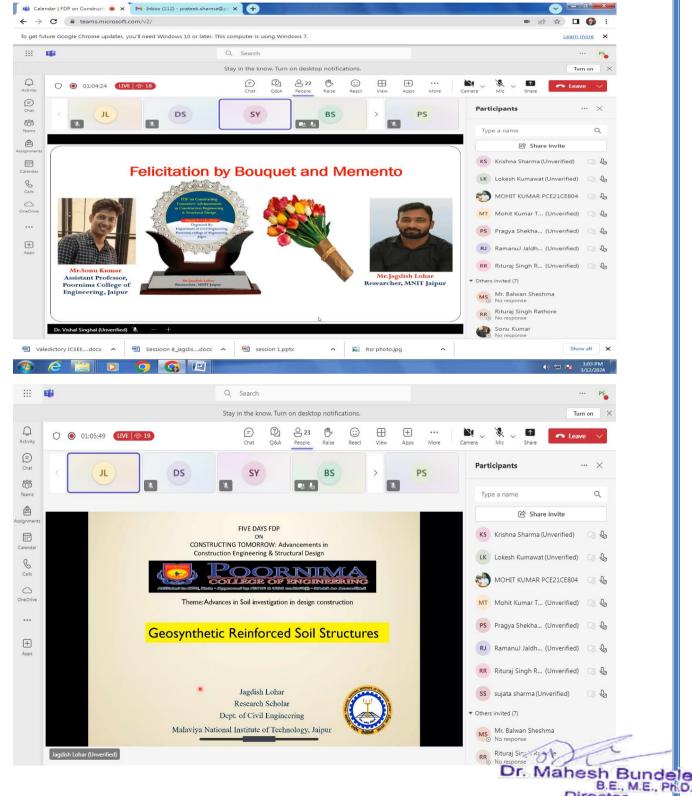
With over 4.5 years of academic experience, Jagdish has served as a nodal coordinator for Virtual labs and SPOC for NPTEL local chapter, showcasing his dedication to education. Additionally, he is actively engaged as an independent consultant in building construction projects, having successfully executed more than 50 projects. Jagdish possesses a diverse skill set, including knowledge of Intellectual property rights, proficiency in computer-aided design and drafting, and software packages like AutoCAD, SketchUp 3D, STAAD.Pro, and Plaxis.

Dr. Mahesh Bundel

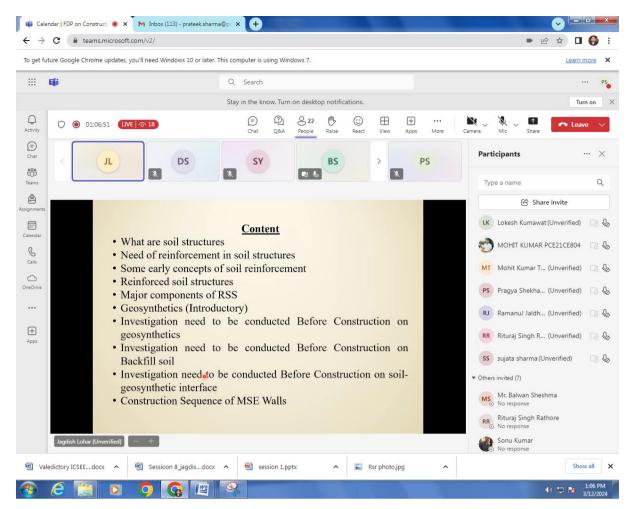
cornima College of Engineerin

# **About the Session:**

Session No. 8 of Dr. Jagdish Lohar's lecture series provided valuable insights into the application of geosynthetics in geotechnical engineering. Attendees gained a deeper understanding of the functions, benefits, and practical applications of geosynthetics in soil stabilization, erosion control, and infrastructure development. The session underscored the importance of integrating geosynthetic solutions into geotechnical design and construction practices to enhance project performance, resilience, and sustainability.



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# **Session-IX**

Topic: Design High Rise Building Using E-TABS Software

Date & Day: March 13th, 2024 & Wednesday.

Time: 09:30 AM to 11:30 AM

Resource Person: Mr .Hitesh Lahoti



Dr. Mahesh Bundele

B.E., M.E., Ph.D.

Director

Director

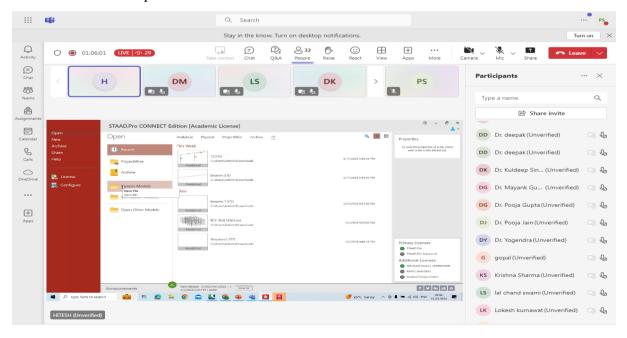
Peornima College of Engineering
ISI-6, RIICO Institutional Area
Sitapura, JAIPUR

# **About the Speaker:**

Mr. Hitesh B. Lahoti, has completed his BE in Civil Engineering from North Maharastra University and ME in Structural Engineering from Pune University. He has 1.5 years' experience in Execution work for various structures and 20 years' experience in R.C.C and Structural Design. Mr. Lahoti is Working on Staad.Pro since 2000 and imparting training on same since 2003. Mr. Lahoti has Proof Checked Multistoried buildings and Associated with Military Engineering Services for Design of Structures. He also performes Regularly offloading Analyzing and Designing works for various MNC's using STAAD.Pro and ETABS. He has designed towers for telecom companies like Airtel India and Conducted trainings on MS Tower for individual students in his Academy. He is Academic Training Partner for Bentley and Berkeley (ETABS & SAFE). His academy also imparts training for above said software's, Corporate Trainings and conducting courses on sharing basis in various Colleges and Institutes.

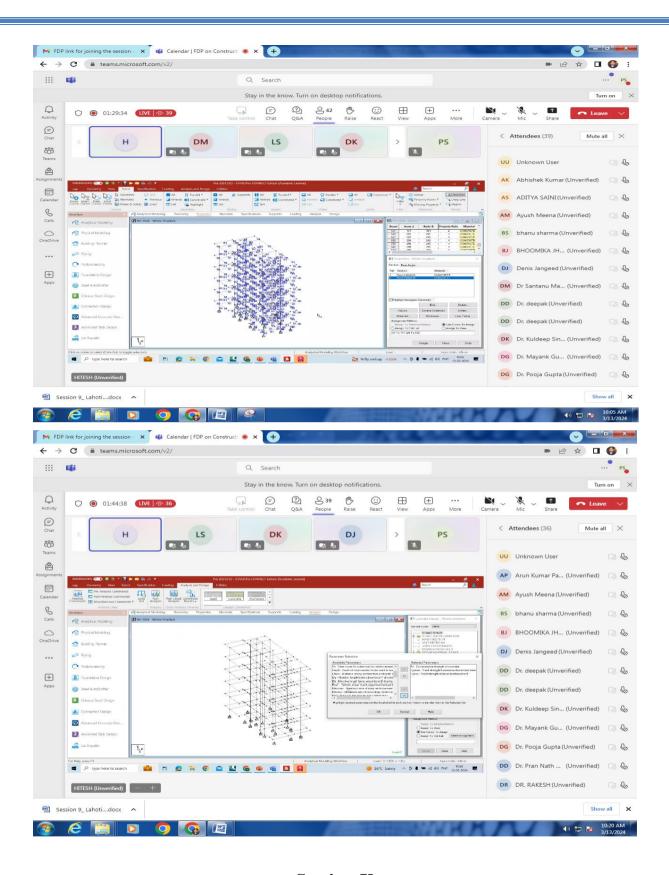
# **About the Session:**

Session No. 9 of Mr. Hitesh Lahoti's lecture series provided valuable insights into the use of E-TABS software for designing high-rise buildings. Attendees gained a deeper understanding of the software's capabilities in structural analysis, modeling, and design optimization, enabling efficient and code-compliant design solutions for complex building projects. The session underscored the importance of leveraging advanced software tools like E-TABS to enhance the performance, safety, and sustainability of high-rise structures in today's architectural landscape.



Dr. Mahesh Bundele B.E., M.E., Pr.D. Director Pornima College of Engineering

Slapura, JAIPUR



# **Session-X**

**Topic: Latest trends in Civil Engineering** 

Date & Day: March 13th, 2024 & Wednesday

Time: 01:00 PM to 02:30 PM

Resource Person: Er Pradeep Garg

Dr. Mahesh Bundele B.E., M.E., Pri D.

Poornima College of Engineering 131-6, RIICO Institutional Area Stapura, JAIPUR





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# **Faculty Development Programme on**

# Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

# Welcome to Session 10

Date: 13 March 2024 Time: 01:00-2:00 PM

# **About Speaker:**

Er. Pradeep Garg sir has completed his BE (Hons) from MBM Engineering College, Jodhpur and MBA from Poddar Inst. of management, Jaipur. He has cleared the Indian Engineering Services exam (Batch 1994). He is currently working as Superintendent Engineer, Central Vista Project, CPWD, New Delhi. He is also Chairman, ICI, New Delhi Centre. He has contributed his expertise in the construction of several Central Govt. projects like Bridges and Flyovers in Delhi like Signature Bridge & Geeta Colony Bridge on River Yamuna, Punjabi Bagh& Dhaula Kuan Flyovers, Border Roads & Border Fencing on Indo-Pak and Indo-China Border, Institutional projects like ongoing Central Vista Project in Delhi, IIIT Kota, MNIT Jaipur, NIT Goa, IIT Goa, Central University Rajasthan and many more. He is also involved in Structural Design of Parliament library, Supreme Court Museum, Common Wealth Games Lawn Tennis Stadia in Delhi, Rajiv Gandhi Samadhi near Chennai and Several High-Rise buildings all over India.

Er. Garg is Active member of Indian Concrete Institute, Indian Road Congress and Indian Building Congress. He actively participates in drafting of Indian Codes by BIS. He delivers technical talks in technical forums and Institutions across India to share his knowledge and experiences.

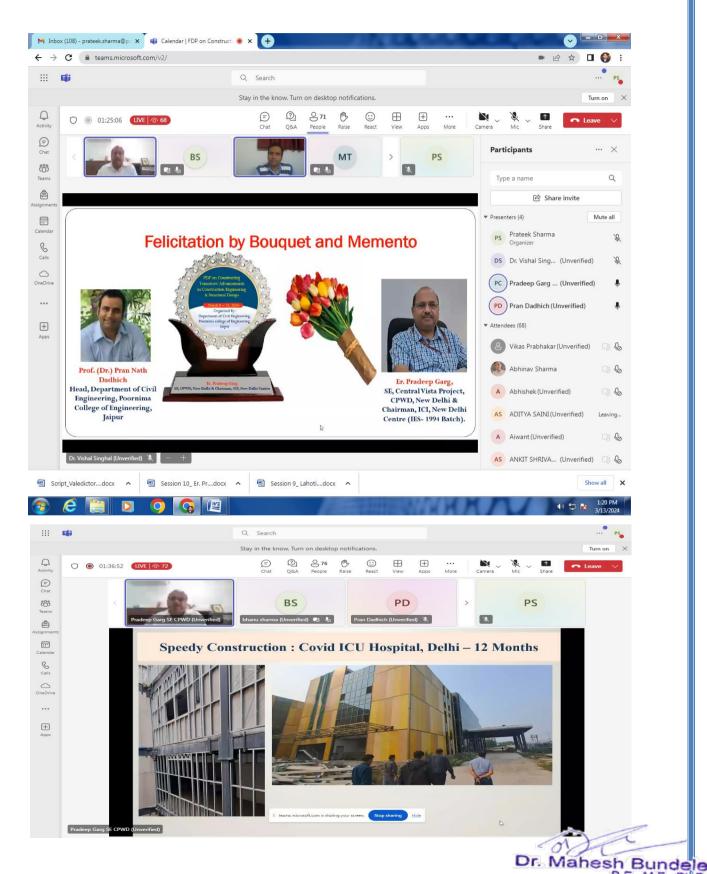
# **About the Session:**

Er. Pradeep Garg highlighted the growing emphasis on sustainability in civil engineering practices, with a focus on green building materials, energy-efficient design, and renewable energy integration.

The session explored innovative techniques such as modular construction, 3D printing, and prefabrication, which offer potential for reducing construction waste, lowering carbon footprint, and improving project efficiency.

Session No. 10 of Er. Pradeep Garg's lecture series provided valuable insignation

trends shaping the field of civil engineering. Attendees gained a deeper understanding of the role of sustainability, innovation, digitalization, and resilience in driving the evolution of civil engineering practices. The session underscored the importance of embracing emerging technologies and interdisciplinary approaches to address contemporary challenges and create more sustainable and resilient built environments.



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# VALEDICTORY CEREMONY Q-SHEET:





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# Five Days Faculty Development Programme (FDP)

Constructing Tomorrow: Advancements in Construction engineering & Structural design (8, 9 & 11-13 March, 2024)

Organized by

Department of Civil Engineering Poornima College of Engineering, Jaipur, India

> Q- Sheet of Valedictory Session Wednesday, 13thMarch,

+	2024								
	S. No	Activity	Duration	Time					
	1.	Welcome of Dignitaries by the anchor	01 Min	02:00 pm-02:01 pm					
	2.	Welcome of Chief Guest Er.Pradeep Garg, SE, CPWD India by Dr. Mahesh Bundele, Director, Poornima College of Engineering with bouquet and memento.	01 Min	02:01 pm-02:02 pm					
	3.	Event Report of FDP by <b>Dr.Vishal Singhal</b> , Assistant Professor, Poornima College of Engineering.	04 Min	02:03 pm-02:06 pm					
Ī	4.	Feedback by the Participant	04 Min	02:07 pm-02:10 pm					
	5.	Welcome address by <b>Dr. Mahesh Bundele</b> , Director, <u>Poornima</u> College of Engineering. JAIPUR	04 Min	02:11 pm-2:14 pm					
	6.	Address by Chief Guest Er.Pradeep Garg, SE, CPWD,India	10 Min	02:14 pm-02:24 pm					
	7.	Vote of Thanks by <b>Mr. Rituraj Singh Rathore</b> , Assistant Professor, Department of Civil Engineering, PCE	04 Min	02:24 pm-02:28 pm					
	8.	Group Photograph	02 Min	2:28 pm-02:30 pm					





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**Faculty Development Programme on** 

Constructing Tomorrow: Advancements in Construction Engineering & Structural Design

08-13 March 2024

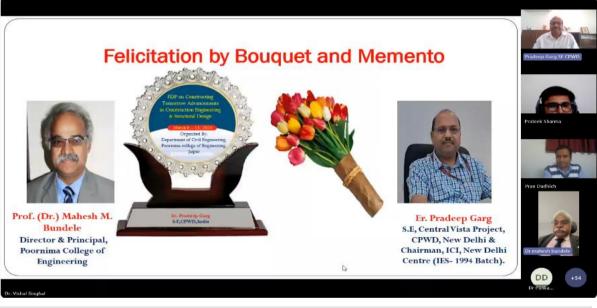
Welcome to Valedictory Ceremony

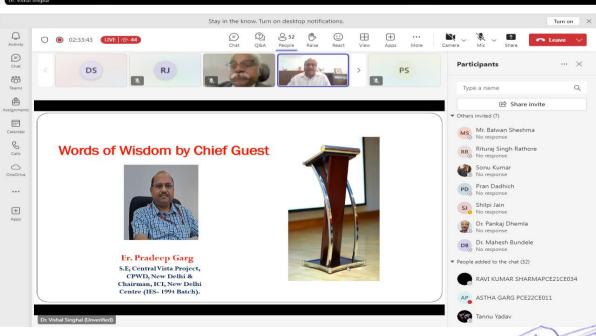
Date: 13 March 2024 Time: 02:00-2:30 PM

Dr. Mahesh Bundele

Cornima College of Engineering 131-6, Fulco Institutional Area Stlapura, JAIPUR







Dr. Mahesh Bundele
B.E., M.E., Pr. D.

Director

Poornima College of Engineering
ISI-6, RIICO Institutional Area
Stlapura, JAIPUR



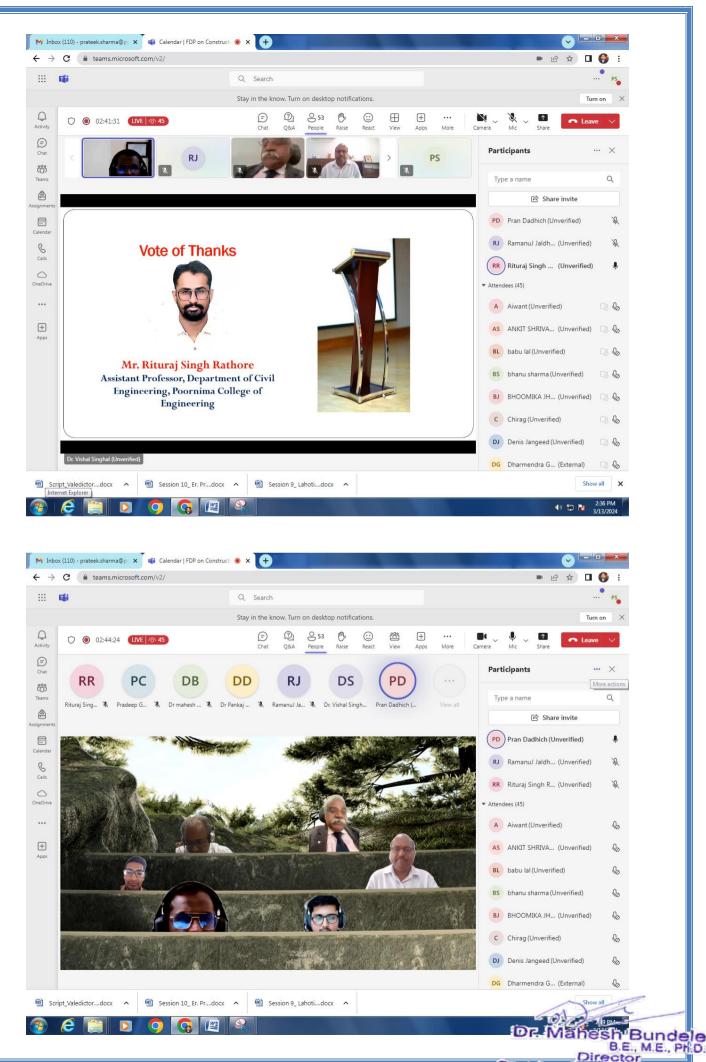
Feedback & Suggestions by the Participants

Protect Shares

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Dr. ma





# **List of Participants**

S.no	Name Designation		Organization		
1	Dr. Seema Bansal	Associate Professor	JECRC Jaipur		
2	Mr. Abhinav Aggarwal	Assistant Professor	JECRC Jaipur		
3	Mr. Pradeep Kumar Jain	Assistant Professor	JECRC Jaipur		
4	Mr. Jitesh Kumar Jain	Assistant Professor	JECRC Jaipur		
5	Dr. Pooja Gupta	Associate Professor	SKIT JAIPUR		
6	Mr. Ajay Sharma	Assistant Professor	JECRC Jaipur		
7	Mr. Gaurav Gupta	Assistant Professor	SKIT JAIPUR		
8	Ms. Swarnima	Assistant Professor	JECRC, Foundation		
9	Mr. Akash Johari	Assistant Professor	SKIT JAIPUR		
10	Mr. Pawan Patidar	Assistant Professor	SKIT JAIPUR		
11	Dr. Pradeep Kumar Jain	Associate Professor	JECRC Jaipur		
12	Mr. Denis Jangeed	Assistant Professor	Geetanjali Institute of Technical Studies Udaipur		
13	Mr. Rajanikant Suthar	Assistant Professor	Geetanjali Institute of Technical Studies Udaipur		
14	Dr. Deepak Kumar Prajapat	Assistant Professor	Poornima University, Jaipur		
15	Dr. Rakesh Choudhary	Assistant Professor	SKIT JAIPUR		
16	Dr. Abhishek Jain	Assistant Professor	SKIT JAIPUR		
17	Mr. Aiwant Chandaliya	Assistant Professor	Geetanjali Institute of Technical Studies Udaipur		
18	Dr. Lalit Kumar Gupta	Assistant Professor	BMS Institute of Technology & Management, Bengaluru		
19	Mr. Sunil R Meena	Assistant Professor	Anand-ICE Jaipur		
20	Mr. Ravindra Budania	Assistant Professor	Anand-ICE Jaipur		
21	Dr. Dr. Om Prakash Singh	Assistant Professor	Jaipur National University, Jaipur		
22	Dr. Marsh M Bandi	Assistant Professor	BMS Institute of Technology & Management, Bengaluru		
23	Mr. Juber Khan	Assistant Professor	Anand-ICE Jaipur		

Poornima College of Engineering 131-6, RIICO Institutional Area Stapura, JAIPUR

S.no	Name	Designation	Organization		
		Superintendent			
24	Mr. Pradeep Garg	Engineer	CPWD		
	Mr. Vikas Kumar		Suresh Gyan Vihar University,		
25	Pandey	Assistant Professor	Jaipur, Rajasthan		
	Mr. Narendra Kumar		Poornima College of Engineering		
26	Bhadhana	Assistant Professor	Jaipur		
27	Ms. Renu Mishra	Research Scholar	Rajasthan technical university		
28	Ms. Sonal Agrawal	Assistant Professor	Kautilya institute of technology and engineering		
29	Mr. Ramanuj Jaldhari	Assistant Professor	KITE, Jaipur		
30	Mr. Ajay Singh Thakur	Assistant Professor	Poornima University, Jaipur		
31	Dr. Radha Krishan	Assistant Professor	Government Engineering College Banka		
32	Mr. Harsh Garg	PG Scholar	Poornima University, Jaipur		
33	Mr. Ravindra Kumar	Assistant Professor	Vivekananda Global University, Jaipur		
34	Dr. R.Dharmaraj	Associate Professor	KPR Institute of Engineering and Technology		
35	Dr. Ravi Kant Pareek	Associate Professor	Vivekananda Global University, Jaipur		
36	Mr. Mansingh Rathore	Assistant Professor	Poornima University, Jaipur		
37	Mr. Niraj Kumar	Assistant Professor	Aryabhatta College of Engineering and Research Center, Ajmer		
38	Mr. Raj Yadav	Assistant Professor	Kautilya Institute of Technology and Engineering		
39	Mr. Chandan Kumar	Assistant Professor	Government Engineering College  Banka		
40	Mr. Aman Jain	Assistant Professor	Sir Padampat Singhania University, Udaipur		
41	Dr. Pradeep Kumar Reddy	Assistant Professor	Sharnbasva University Kalaburgi		
42	Mr. Jai Prakash Reddy	Assistant Professor	Sharanbasva University		
43	Mr. Abhishek Kumar	Assistant Professor	Government Engineering College Banka		
44	Dr. Mani Bhushan	Assistant Professor	Government Engineering College Khagaria		
45	Mr. Mahesh Sharma	Assistant Professor	Poornima University, Jaipu		

S.no	Name Designation		Organization		
	Mr. Jetender Babulal				
46	Jangid	Assistant Professor	SKIT JAIPUR		
47	Mr. Ashwin Sharma	Assistant Professor	Medicaps University		
48	Mr. Ankit Soni	Assistant Professor	Medicaps University		
49	Mr. Ashwin Parihar	Assistant Professor	Medi-Caps University		
50	Mr. Ravindra Budania	Assistant Professor	Anand-ICE Jaipur		
		Technical			
51	Mr. Rahul Sharma	Representative	JK Laxmi Cement Ltd.		
		Senior Section			
52	Mr. Arpit Hada	Engineer	Railway		
53	Mr. Ubaid L Hanfee	Assistant Professor	Medi-Caps University		
54	Mr. Shahnawaz Ahmad	Structural Engineer	MNIT		
			Aishwarya College of Engineering		
55	Dr. Kavitha E	Assistant Professor	and Technology		
	Mr. Mahendra Kumar		Vivekananda Global University,		
56	Singar	Assistant Professor	Jaipur		
57	Mr. Hetram Sharma	Assistant Professor	JECRC FOUNDATION Jaipur		
58	Mr. Narendra Kumar Jain	Assistant Professor	JECRC Jaipur		
	Jani	Assistant i folessor	JECINO Jaipui		
59	Mr. Javed UI Islam	Assistant Professor	JECRC Jaipur		
60	Mr. Vikas Vyas	Assistant Professor	SKIT JAIPUR		
61	Mr. Teekam Singh	Assistant Professor	JECRC Jaipur		
62	Ms. Monika Pagare	Assistant Professor	Medi-Caps University		
	Mr. Tara Chand				
63	Prajapati	Assistant Professor	GIT Jaipur		
			Indore institute of science &		
64	Ms. Sujata Sharma	Freelancer	technology (IIST)		
	Mr. Rituraj Singh		Poornima College of Engineering		
65	Rathore	Assistant Professor	Jaipur		
66	Mr. Rahul Chaudhary	Research Scholar	NIT Surat		
			Poornima College of Engineering		
67	Mr. Ayush Meena	Assistant Professor	Jaipur		
68	Mr. Denis Jangeed	Assistant Professor	Geetanjali Institute of Technical Studies Udaipur		

S.no	Name	Designation	Organization		
69	Mr. Ramswaroop	Engineer	Central Govt		
70	Mr. Bhanu Sharma	Hydrologist	THDC India Limited		
71	Dr. Kishan Lal Jain	Associate Professor	SKIT Jaipur		
72	Mr. Akash Johari	Assistant Professor	SKIT Jaipur		
73	Dr. Nandini Moondra	Assistant Professor	SKIT Jaipur		
74	Mr. Sonu Kumar	Assistant Professor	Poornima College of Engineering Jaipur		
75	Mr. Mahendra Kumar	Research Scholar	MBM University Jodhpur		
76	Mr. Surender Bishnoi	Assistant Professor	Jagannath University, Jaipur		
77	Mr. Lokesh Kumawat	Technical Assistant	Poornima College of Engineering Jaipur		
78	Mr. Harlal Singh Kataria	Technical Assistant	Poornima College of Engineering Jaipur		
79	Mr. Sandeep Goyal	Lecturer	Government Polytechnic Dhangar Fatehabad		
80	Mr. Balwan	Assistant Professor	Poornima College of Engineering  Jaipur		
81	Mr. Krishan Murari	Assistant Professor	Vivekananda Global University, Jaipur		
82	Dr. Sheetal Agarwal	Associate Professor	Compucom Institute of Technology and Management Jaipur		
83	Mr. Mohan Lal	Lecturer	Government Polytechnic Dhangar Fatehabad		
84	Dr. Kuldeep Singh Kulhar	Professor	Vivekananda Global University, Jaipur		
85	Dr. Santanu Mallik	Associate Professor	Poornima College of Engineering  Jaipur		
	Mr. Awadhesh		Department of Civil Engineering , UIT- Uttaranchal University		
86	Chandramauli	Assistant Professor	,Dehradun		
87	Mr. Divya Vishnoi	Consulting Engineer	Panchayati Raj Department		
88	Mr. Satendra Kumar Sharma	Technical Assistant	Poornima College of Engineering,  Jaipur		
89	Mr. Mukul Nama	Research Scholar	Manipal University Jaipur		
90	Mr. Deepak Sharma	Assistant Professor	SKIT Jaipur		

Dr. Mahesh Bundele
B.E. M.E. Ph.D.

Director

Poornima College of Engineering
ISI-6, FIICO Institutional Area
Stapura, JAIPUR

S.no	Name	Designation	Organization		
			VIVEKANANDA INSTITUTE OF		
91	Mr. Rohit Kumar	Assistant Professor	TECHNOLOGY, JAIPUR		
	Mr. Nikhil Kumar				
92	Sharma	Assistant Professor	SKIT Jaipur		
			UIT, Uttaranchal University,		
93	Mr. Vinod Balmiki	Assistant Professor	Dehradun		
			Institute of technology and		
94	Mr. Ankit Shrivastava	Assistant Professor	management gwalior		
	Mr. Mohit Kumar		Arya College of Engineering,		
95	Tiwari	Assistant Professor	Jaipur		
	Mr. Mohsin Khan		Arya College of Engineering,		
96	Agwan	Assistant Professor	Jaipur		
			Arya College of Engineering,		
97	Mr. Ketan Sharma	Assistant Professor	Jaipur		
			Arya College of Engineering,		
98	Mr. Kapil Karadia	Assistant Professor	Jaipur		
			Arya College of Engineering,		
99	Mr. Ketan Sharma	Assistant Professor	Jaipur		
	Mr. Anil Kumar		Arya College of Engineering,		
100	Sharma	Assistant Professor	Jaipur		
			Model Institute of Engineering and		
101	Dr. Arvind Dewangan	Professor	Technology, Jammu		
102	Mr. Deepak Mathur	Associate Professor	KITE, Jaipur		
103	Mr. Ishan Anand	Assistant Professor	MIET JAMMU		
	Mr. Sarvdaman		Model Institute of Engineering and		
104	Sharma	Assistant Professor	Technology(Autonomous)		
			Model Institute of Engineering and		
105	Dr. Niranjan Singh	Professor	technology kot Bhalwal Jammu		
106	Mr. Iliyas Khaleel	Assistant Professor	MIET Jammu		
	Dr. Jitendra Kumar				
107	Vyas	Assistant Professor	SKIT Jaipur		
108	Mr. Jitendra Kumar	Assistant Professor	Poornima University Jaipur		
			Poornima College of Engineering,		
109	Dr. Mayank Gupta	Assistant Professor	Jaipur		
			Arya Institute of Engineering		
	Mr. Ghan Shyam		Technology and Management,		
110	Yadav	Assistant Professor	Jaipur		
111	Mr. Shyam Naruka	Technical Assistant	Poornima College of Engineering, Jaipur		
	,		Dr. Mar		

Dr. Mahesh Bundele
B.E., M.E., Ph.D.

Director
St. Fill Co. Institutional Area
St. Apura, JAIPUR

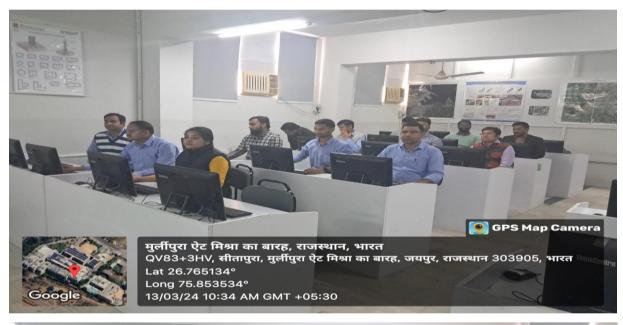
S.no	Name	Designation	Organization		
			Poornima College of Engineering,		
112	Mr. Rajesh Kumar	Assistant Professor	Jaipur		
			Compucom institute of technolog		
113	Ms. Reena Sharma	Assistant Professor	and management Jaipur		
			Poornima College of Engineering,		
114	Mr. Abhishek Yadav	Technical Assistant	Jaipur		
	Mr. Hemant Kumar				
115	Sain	Assistant Professor	Arya College of Engineering		
116	Dr. Arun Kumar Patel	Professor	VIT, RKDF UNIVERSITY Bhopal		
	Mr. Vishnu Prasad				
117	Dangi	Assistant Professor	RKDF UNIVERSITY BHOPAL		
	Mr. Shubham				
118	Raghuvanshi	Assistant Professor	Sssce RKDF university		
			RKDF College of technology &		
119	Ms. Varsha Lodhi	Assistant Professor	research		
	Ms. Bhoomika		RKDF College of Technology &		
120	Jharkhade	Assistant Professor	Research		
	Mr. Rahul Kumar		RKDF college of technology and		
121	Singh	Assistant Professor	research		
122	Mr. Somesh Jain-	Assistant Professor	RKDF UNIVERSITY		
	Mr. Chandra Prakash				
123	Maurya	Lecturer	IERT PRAYAGRAJ,UP		
	Mr. Dharmendra		Compucom Institute of technology		
124	Gupta	Assistant Professor	and management Jaipur		
			Poornima College of Engineering		
125	Ms. Anjuli Dubey	Assistant Professor	Jaipur		
126	Mr. Kumar Shanu	HOD	Axis Colleges Kanpur		
127	Mr. Rajat Palya	Assistant Professor	Civil Engineering		
128	Mr. Shatrudhan Kumar	Assistant Professor	CSE DEPARTMENT		
129	Dr. Anshu	Faculty	IET, MLSU		
130	Mr. Pankaj Sharma	Assistant Professor	IIMT ENGINEERING COLLEGE		
			Arya Institute of Engineering		
	Ms. Geetanjali		Technology and Management,		
131	Ganguly	Assistant Professor	Jaipur		
132	Mr. Chirag Gupta	Associate Professor	RKDF University		
133	Mr. Pravej Akhtar	Assistant Professor	RKDF University		

S.no	Name	Designation	Organization	
			Poornima College of Engineering,	
134	Dr. Mayank Gupta	Assistant Professor	Jaipur	
135	Mr. Saket Bihari	Assistant Professor	Hcst, farah, Mathura	
		Assistant Professor	Aravali Institute of Technical	
136	Mr. Ravi Goutam	& IQAC Coordinator	Studies Udaipur	
137	Mr. Chetan Choudhary	Assistant Professor	AIETM	
			Aravali Institute of Technical	
138	Mr. Devraj Nagda	Assistant Professor	Studies Udaipur	
			Yagyavalkya Institute of	
139	Ms. Radhika Mathur	Researcher	Technology	
	Ms. Riddhi			
140	Shrivastava	Assistant Professor	Poornima College of Engineering	
141	Mr. Dinesh Sharma	Assistant Professor	poornima College of Engineering	
142	Ms. Shruti Bhargava	Assistant Professor	Arya College of Engineering	
143	Mr. Lal Chand Swami	Technical Assistant	SKIT JAIPUR	
			Geetanjali Institute of Technical	
144	Mr. Denis Jangeed	Assistant Professor	Studies Udaipur	
145	Dr. Sarita Ola	Professor	Arya College of Engineering and IT	
	Mr. Suresh Kumar	Senior Technical		
146	Yadav	Assistant	SKIT JAIPUR	
	Mr. Nikhil Kumar			
147	Sharma	Assistant Professor	SKIT JAIPUR	
148	Mr. Ankur Mishra	Assistant Professor	SKIT JAIPUR	
149	Mr. Anirudh Mathur	Associate Professor	SKIT JAIPUR	
150	Mr. Akash Panwar	Assistant Professor	POORNIMA UNIVERSITY	
151	Mr. Robin Prakash	Technical Assistant	PIET, jaipur	
	Dr. Jitendra Kumar			
152	Vyas	Assistant Professor	SKIT JAIPUR	
			Model Institute of Engineering and	
153	Mr. Abhijeet Singh	Assistant Professor	Technology (Autonomous)	
154	Mr. Ghanshyam Gupta	Assistant Professor	JECRC University, Jaipur	
155	Dr. Siddharth	Associate Professor	Poornima College of Engineering	
156	Dr. Sumit Choudhary	Assistant Professor	Aditya Engineering College	

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Stapura, JAIPUR

S.no	Name	Designation	Organization		
157	Dr. Shilpi Jain	Professor Poornima College of Enginee			
158	Mr. Vikas Prabhakar	Research Scholar	Civil Engineering		
159	Mr. Arjun Kaushik	Senior Engineer	THDC INDIA LIMITED		
160	Mr. Sabhilesh Singh	Assistant Professor	JECRC University, Jaipur		
	Mr. Pawan Kumar				
161	Sharma	Technical Assistant	SKIT JAIPUR		
	Mr. Muzafar Ahmad		Model Institute of Engineering and		
162	Ganie Assistant Professor Technology,		Technology, Jammu		
163	Mr. Siddarth Sharma	Assistant Professor	JECRC University, Jaipur		

### **GLIMPSES**





## **Participants Certificate**

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#### CERTIFICATE OF PARTICIPATION

This is to certify that

#### MR. DENIS JANGEED

ASSISTANT PROFESSOR

Geetanjali Institute of Technical Studies Udaipur

has participated in the Faculty Development Program on Constructing Tomorrow:

Advancements in Construction Engineering & Structural Design held from 08-13 March
2024. He/She has actively engaged in enriching sessions and discussions.



Dr. Mahesh Bundele Principal and Director, Poornima College of Engineering, Jaipur



Dr. Pankaj Dhemla Vice Principal, Poornima College of Engineering, Jaipur

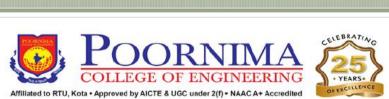


Dr. Pran Nath Dadhich Head, Dept. of Civil Engg. Poornima College of Engineering, Jaipur



Mr. Prateek Sharma Event Convener Poornima College of Engineering, Jaipur





#### CERTIFICATE OF PARTICIPATION

This is to certify that

#### DR. KISHAN LAL JAIN

ASSOCIATE PROFESSOR SKIT Jaipur

has participated in the Faculty Development Program on Constructing Tomorrow:

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2024. He/She has actively engaged in enriching sessions and discussions.



Dr. Mahesh Bundele Principal and Director, Poornima College of Engineering, Jaipur

De Ser

Dr. Pankaj Dhemla Vice Principal, Poornima College of Engineering, Jaipur

Man Dadhich

Dr. Pran Nath Dadhich Head, Dept. of Civil Engg. Poornima College of Engineering, Jaipur

granne :

Mr. Prateek Sharma Event Convener Poornima College of Engineering, Jaipur

AQA

# **FEEDBACK**

	FEEDBACK ANALYSIS (2023-24)						
S.No.	Attributes		Total Feed Back				100
D.1.10.	Tittibutes						
	Did the session meet its objectives?	Outstanding	Excellent	Good	Average	Satisfactory	Remark
1		76.21	11.91	5.99	1.20	0.00	
	Did you find	Outstanding	Excellent	Good	Average	Satisfactory	Remark
	the contents useful?	75.25	14.19	7.92	1.11	0.00	
	Did it help	Outstanding	Excellent	Good	Average	Satisfactory	Remark
3	students to enhance their skills or learnings?	73.29	16.11	6.49	1.20	0.00	
	Did you receive	Outstanding	Excellent	Good	Average	Satisfactory	Remark
4	uninterrupted Connectivity in case of online sessions?	73.20	16.59	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.

Dr. Mahesh Bundele

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