



Date: 08/02/2024

**Workshop Report**



**Title of the Seminar:**

"Role of Civil, Mechanical, Electrical Engineers in BIM Industry"

**Date and Time:**

8th February 2024, 12:30 PM to 2:20 PM

**Venue:**

Computer Seminar Hall, S.N.D. College of Engineering & Research Center, Yeola

**Organized by:**

Department of Mechanical Engineering

**Speakers:**

1. **Mr. Shahebaz Shaikh**  
Director, Design & Drafting Engineering Institute, Nashik
2. **Mrs. Sneha Devram Pawase**  
BIM Specialist, Design & Drafting Engineering Institute, Nashik

**Coordinator:**

- Prof. T.V. Gujrathi

**Key Attendees:**

- Dr. H.U. Pawar, HOD Mechanical
- Dr. D.M. Yadav, Principal




**Objective of the Seminar:**

The seminar aimed to provide insights into the role and responsibilities of Civil, Mechanical, and Electrical Engineers in the Building Information Modeling (BIM) industry. It focused on interdisciplinary collaboration and the importance of BIM in modern infrastructure projects.

**Topics Covered:**

1. **Introduction to BIM:**
  - Overview of BIM technology and its significance in the construction industry.
  - Key benefits of BIM in streamlining project workflows.

  
**Principal**  
**SND College of Engineering & Research Centre**  
Babhulgaon, Yeola, Dist. Nashik (M.S.)



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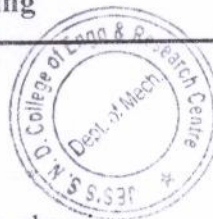
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## Department of Mechanical Engineering



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### 2. Interdisciplinary Roles in BIM:

- The role of Civil Engineers in structural design and site planning.
- The contribution of Mechanical Engineers in HVAC systems and piping designs.
- The role of Electrical Engineers in wiring layouts and power distribution planning.

### 3. Applications of BIM in Industry:

- Real-world examples of projects successfully executed using BIM.
- Tools and software used in BIM modeling and their interoperability.

### 4. Future Scope and Opportunities:

- Career prospects in BIM for engineering professionals.
- Emerging trends in BIM technology and digital construction.

### Outcome of the Seminar:

- Participants gained an understanding of how engineers from different disciplines collaborate within the BIM framework to achieve integrated project delivery.
- The session encouraged students to explore career opportunities in BIM and develop skills relevant to this growing industry.
- Real-world case studies presented during the seminar provided practical insights into BIM implementation.

### Acknowledgments:

The Department of Mechanical Engineering expresses its heartfelt thanks to Mr. Shahebaz Shaikh and Mrs. Sneha Devram Pawase for sharing their expertise and inspiring students. Gratitude is also extended to Prof. T.V. Gujrathi for coordinating the event and to Dr. H.U. Pawar and Dr. D.M. Yadav for their support.



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Head

Mechanical Engg. Department  
SND College Of Engg & RC, Y

**FEB**  
**08th 2024**  
FROM 12.30 PM  
to  
2.20 PM

**SPEAKER**  
**Mr. Shahebaz Shaikh**  
Director, Design & Drafting  
Engineering Institute, Nashik

**Mrs. Sneha Devram Pawase**  
Bim specialist, Design & Drafting  
Engineering Institute, Nashik

**Department of Mechanical Engineering**  
Organizes  
Seminar on  
**Role of Civil,  
Mechanical, Electrical  
Engineers in  
BIM Industry**

**Venue:-**  
Computer  
Seminar Hall

**Prof. T. V. Gujrathi**  
Coordinator

**Dr. H. U. Pawar**  
HOD, Mech

**Dr. D. M. Yadav**  
Principal

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