



J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD INSTITUTIONS' INNOVATION COUNCIL (IIC) 7.0

“Industrial Visit to **NICMAR, Bahadurgarh, Haryana (Delhi-NCR Campus)**”

<i>Name of Department/ Section/ cell conducting the activity</i>	Institution Innovation Council (IIC)
<i>In coordination with (if any)</i>	Department of Civil Engineering
<i>Activity Date and Time</i>	: 18 th February 2025
<i>Mode (Online/Offline/Hybrid)</i>	: Offline
	: Er. Yogesh Kumar Morya Assistant Professor Dept. of Civil Engineering
<i>Activity Coordinator</i>	Dr. Ashish Agarwal Assistant Professor Dept. of Civil Engineering
<i>Target audience</i>	: Aspiring students of UG
<i>Total Participants</i>	: 67
<i>No. of teams</i>	: NA
<i>Financial Expenditure (if any)</i>	: NA
<i>The objective of the Event</i>	: This visit is designed to bridge the gap between theoretical knowledge and practical application by exploring Augmented Reality and gaining valuable insights into the dynamic construction industry.



J.C. BOSE UNIVERSITY OF SCIENCE & TECHNOLOGY, YMCA, FARIDABAD INSTITUTIONS' INNOVATION COUNCIL (IIC) 6.0

REPORT SUMMARY "Industrial Visit to NICMAR"

Dated: February 18, 2025

Objective:

The objective of the NICMAR visit is to expose students to advanced practices in construction management, project planning, and infrastructure development. This educational trip aims to bridge academic learning with industry standards, enhance understanding of real-world challenges, and inspire innovation through interaction with professionals, ongoing projects, and state-of-the-art technologies in the construction and management fields.

Visit Details:

An industrial visit to the National Institute of Construction Management and Research (NICMAR), Delhi-NCR Campus was organized on 18th February 2025 for the students of civil engineering and construction management. The objective of this visit was to provide students with practical exposure to the advanced techniques and technologies being used in the construction industry, along with insights into the real-world challenges faced by professionals.

During the visit, students had the opportunity to attend expert sessions and live demonstrations showcasing advanced construction technologies. These included Building Information Modeling (BIM), modular construction methods, and smart project management tools. The use of data analytics and AI-driven software in planning and execution phases was also demonstrated. The visit significantly helped bridge the gap between theoretical knowledge and practical implementation.

The students also gained a deeper understanding of the real-world challenges encountered in the construction industry. Interactions with faculty and industry professionals shed light on issues such as cost control, time management, safety measures, and environmental sustainability. Discussions on case studies helped the students appreciate the complex decision-making processes and adaptive strategies used to overcome on-site difficulties.

One of the key highlights of the visit was an engaging session on Augmented Reality (AR) and its applications in construction. Students experienced how AR is transforming design visualization, safety training, and remote collaboration. The exposure to these futuristic tools

broadened their perspective on the evolving landscape of the construction sector. The visit concluded with a reflection on the future scope of innovation and growth in infrastructure development, inspiring students to explore emerging career paths and research opportunities in the field. Overall, the NICMAR visit proved to be highly educational and motivating for all participants.

Visit Banner:

J.C. Bose University of Science and Technology, YMCA Faridabad, Haryana
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INSTITUTION'S INNOVATION COUNCIL
Ministry of Education, Government of India

DEPARTMENT OF CIVIL ENGINEERING
IN COLLABORATION WITH
INSTITUTION'S INNOVATION COUNCIL (7.0)

ORGANISES AN EDUCATION TOUR/INDUSTRIAL VISIT
TO
NATIONAL INSTITUTE OF CONSTRUCTION MANAGEMENT AND RESEARCH (NICMAR)
BAHADURGARH, HARYANA, INDIA (DELHI NCR CAMPUS)

President:
Dr. Rashmi Agarwal

Vice President:
Dr. Poonam

Convener:
PROF. RAJKUMAR (DEAN FET)
DR. NIKHIL DEV

FACULTY COORDINATOR :
ER. YOGESH KUMAR MORYA
DR. ASHISH AGARWAL

18TH FEBRUARY 2025 **10:00 AM ONWARDS**

Visit photos:









Attendance:



J.C. Bose University of Science and Technology, YMCA Faridabad, Haryana
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DEPARTMENT OF CIVIL ENGINEERING

Date: 18/02/2025

B.TECH. CIVIL- 6TH SEM. ATTENDANCE SHEET FOR NICMAR VISIT (DELHI NCR CAMPUS)

S. No.	Roll NO	Student Name	Sign
1	21001002044	ROHAN	<i>Rohan Tunwar</i>
2	21001002069	YASH	<i>Yash</i>
3	22001002001	AARNA PARAS	<i>Aaruna Paras</i>
4	22001002002	ADESH KUMAR	<i>Adeesh Kumar</i>
5	22001002003	ANAND RAJ	<i>Anand Raj</i>
6	22001002004	ANIKET ROY	<i>Aniket Roy</i>
7	22001002006	ANJALI	<i>Anjali</i>
8	22001002007	ANURAG KUMAR	<i>Anurag Kumar</i>
9	22001002008	ASHUTOSH	<i>Ashutosh</i>
10	22001002009	AYUSH YADAV	<i>Ayush Yadav</i>
11	22001002010	BHUPINDER SINGH	<i>Bhupinder</i>
12	22001002011	CHAHAT GAUTAM	<i>Chahat Gautam</i> (Absent)
13	22001002012	DEVPRIYA DESHWAL	<i>Devpriya</i>
14	22001002013	DHRUV PAL	<i>Dhruv Pal</i>
15	22001002014	DIKSHA	<i>Diksha</i>
16	22001002015	JAHANOOR	<i>Jahnoor</i>

*Abhishek
18/02/2025*

*Om
18/02/2025*



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17	22001002016	JIYA BHATIA	<i>jiya</i>
18	22001002017	LAKSHAY	<i>Lakshay</i>
19	22001002018	MANEESH VERMA	<i>maneesh</i>
20	22001002020	MD SALIK ALAM	<i>Salik</i>
21	22001002021	NAVEEN	<i>naven</i>
22	22001002022	NAVNEET	<i>navneet</i>
23	22001002023	NEELKANT	<i>Neelkant</i>
24	22001002024	NEETU	<i>neetu</i>
25	22001002025	OM ANAND	<i>Om Anand</i>
26	22001002026	PANKAJ	<i>Pankaj</i>
27	22001002027	PRIYANSHI	<i>Priyanshi</i>
28	22001002028	PULKIT	Absent
29	22001002029	REYAN	<i>Reyan</i>
30	22001002030	RISHAL YADAV	<i>Rishal</i>
31	22001002031	RITIK KAMAL	<i>Ritik</i>
32	22001002033	SAKSHI	Absent
33	22001002034	SAUMYA	<i>Saumya</i>
34	22001002036	SHIVAM SINGH	<i>Shivam Singh</i>
35	22001002037	SHREYA	<i>Shreya</i>

Johny
18/02/2025

Umar
18/02/2025



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36	22001002039	SUJAL	Absent
37	22001002040	SUJAL SINGH	<i>Sujal</i>
38	22001002041	SUNNY	Absent
39	22001002042	TANISH KAUSHIK	<i>Tanish</i>
40	22001002043	TARUN BHATI	<i>Tarun</i>
41	22001002044	TUSHAR	<i>Tushar</i>
42	22001002045	UJJWAL	<i>Ujjwal</i>
43	22001002046	VARUN SHARMA	<i>Varun</i>
44	22001002047	VIVEK SINGH	<i>Vivek</i>
45	23001002501	Altamash	Altamash
46	23001002502	Manish	Manish
47	23001002503	Parul Yadav	<i>Parul Yadav</i>
48	23001002504	Rijul	<i>Rijul</i>
49	23001002505	Rupam	<i>Rupam</i>
50	23001002506	Sushil Kumar	Absent
51	23001002507	Vivek	<i>Vivek</i>

*Abhishek
18/02/2025
17 Feb 2025*



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Date: 18/02/2025

B.TECH. CIVIL- 8TH SEM. ATTENDANCE SHEET FOR NICMAR VISIT (DELHI NCR CAMPUS)			
S. No.	Student Name	Roll NO	Sign
1	21001002001	ABHISHEK	<u>Abhishek</u>
2	21001002009	ARYAN SHARMA	<u>Aryan</u>
3	21001002010	BHANU	<u>Bhanu</u>
4	21001002013	HARSH MAJOKA	<u>Absent</u>
5	21001002014	HARSHIT SAINI	<u>Harshit</u>
6	21001002016	HITESH	<u>Hitesh</u>
7	21001002017	HITESH	<u>Hitesh</u>
8	21001002019	KANISHK CHAUDHARY	<u>Kanishk</u>
9	21001002020	KESHAV KUMAR	<u>Keshav</u>
10	21001002026	MANINDER	<u>Maninder</u>
11	21001002030	NITIN KUMAR BHATIA	<u>Nitin</u>
12	21001002032	PAWAN	<u>Pawan</u>
13	21001002034	PIYUSH YADAV	<u>ABSENT</u>
14	21001002037	PRINCE CHAKSHU	<u>Prince</u>
15	21001002041	RAKHI SHARMA	<u>Rakhi</u>
16	21001002042	RISHABH	<u>Rishabh</u>
17	22001002502	KAJAL	<u>Kajal</u>
18	22001002504	PRIYANKA SOROUT	<u>ABSENT</u>
19	22001002506	RITIKA	<u>ABSENT</u>

Abhishek
18/02/2025

Yash
18/02/2025



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DEPARTMENT OF CIVIL ENGINEERING

Date: 18/02/2025

**B.TECH. ENVIRONMENTAL - 6TH SEM. ATTENDANCE SHEET FOR
NICMAR VISIT (DELHI NCR CAMPUS)**

S. No.	Roll NO	Student Name	Sign
1	22001019001	GARV SHARMA	
2	22001019002	KARANDEEP SINGH	
3	22001019003	MOHIT	
4	22001019004	NAVYA BHARADWAJ	
5	22001019005	PRIYANKA	
6	22001019007	SWARN YADAV	
7	23001019502	Pragya	
8	23001019503	Sangeeta	

18th Feb 2025

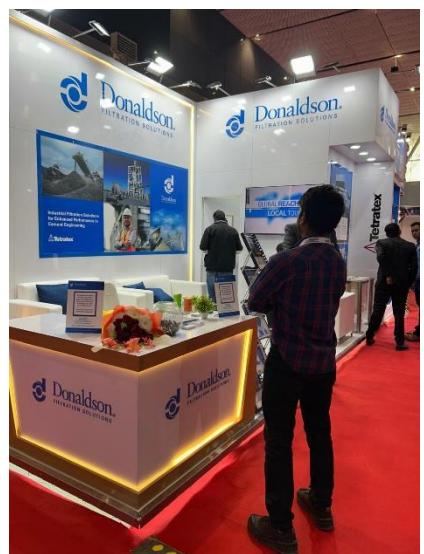


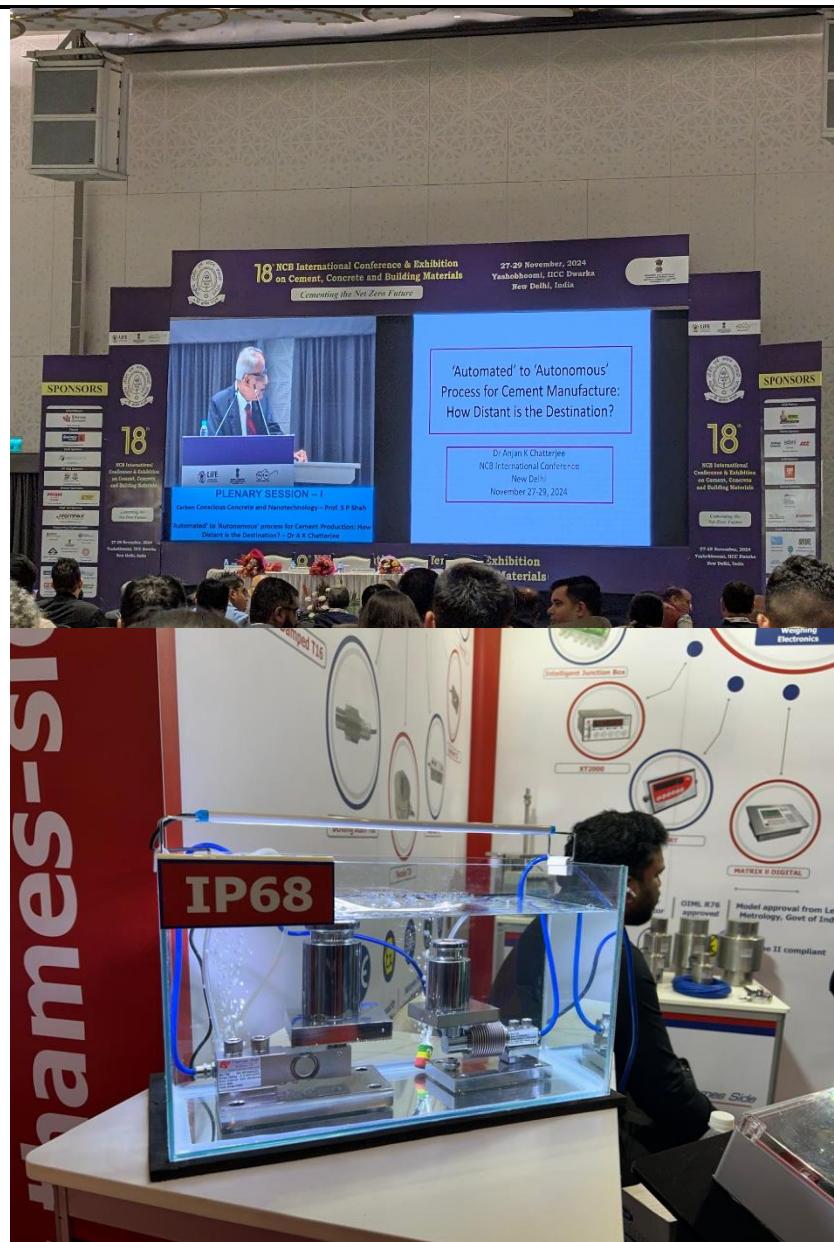
ACTIVITY REPORT

Name of Activity: Industrial Visit on NCB International Conference & Exhibition on Cement, Concrete and Building Materials at IICC Dwarka, New Delhi

Name of Department conducting the activity	Department of Civil Engineering
Date of conduct	28 th November 2024
Days of Activity	01 day
Nature of activity	Industrial Visit
Funded/ Sponsored by from(University/Industry/UGC/AICTE/DST/TEQIP/OutsideSociety/agency/others(mention)(if any)	NA
Activity Coordinator/s	Dr. Ashish Agarwal, AP Civil Engineering Dr. Sandeep Ravish, AP Civil Engineering
Total Amount Spent	NA
Target audience	B.Tech (Civil Engineering & Environmental Engineering) – 6 th Semester
Total No. of Registered Participants	30+
No. of Registered Participants from Other Institutions	0
No. of Registered Participants from Other Country	0
No. of Participants completing the program	30+
No. of Expert/s during the program	NA
Name of Expert/s	NA
Link of the Activity on website	NA
Video Link of the Activity(if any)	NA
Detailed Activity Report	<p>An industrial visit was organized for the students of B.Tech Civil Engineering and Environmental Engineering (6th Semester) on 28th November 2024 to attend the prestigious NCB International Conference & Exhibition on Cement, Concrete and Building Materials, at IICC Dwarka, hosted by the National Council for Cement and Building Materials (NCCBM), Faridabad.</p> <p>The visit was coordinated by Dr. Ashish Agarwal and Dr. Sandeep Ravish, who guided and supervised the students throughout the event. Upon arrival, the students were warmly welcomed by Mr. Ankur Mittal, Group</p>

	<p>Manager & Program Leader – Centre for Continuing Education (CCE), NCCBM.</p> <p>During the visit, students had the invaluable opportunity to engage with industry professionals and experts from the cement manufacturing sector. They actively participated in expert discussion sessions and benefited from one-on-one interactions at the various exhibition booths representing leading cement industries.</p> <p>The visit proved to be an enriching experience, offering students practical insights into advancements in cement, concrete technologies, and sustainable construction materials. It also provided a platform to understand industry expectations and fostered greater awareness about current trends and innovations in the field.</p>
Attach Brochure of the Activity	
Attach geo tagged photographs (with captions)	





Sample Certificate of the Activity