



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

“Expert Lecture on Entrepreneurship Skill, Attitude and Behavior Development”

<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 & Department of Energy and Environmental Engineering.
<i>Activity Date and Time</i>	: 27 th of March 2024
<i>Mode (Online/Offline/Hybrid)</i>	: Offline
<i>Activity Coordinator</i>	: Er. Yogesh Kumar Morya Assistant Professor Dept. of Civil Engineering
	: Dr. Ashish Agarwal Assistant Professor Dept. of Civil Engineering
<i>Target audience</i>	: Aspiring students of PG and UG
<i>Total Participants</i>	: 53
<i>No. of teams</i>	: NA
<i>Financial Expenditure (if any)</i>	: NA
<i>The objective of the Event</i>	: This visit aims to bridge the gap between theoretical knowledge and practical application, equipping students with valuable insights into the dynamics of the construction industry.



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

REPORT SUMMARY **"Industrial Visit to NCCBM"**

Dated: April 26, 2024

Objective:

To provide civil engineering students with firsthand exposure to real-world industrial practices, fostering a deeper understanding of construction techniques, project management, and infrastructure development. This visit aims to bridge the gap between theoretical knowledge and practical application, equipping students with valuable insights into the dynamics of the construction industry.

Visit Details:

The industrial visit to the National Council for Cement and Building Materials (NCCBM) provided an insightful experience for students interested in civil engineering and construction. NCCBM, a premier research institution under the Ministry of Commerce & Industry, Government of India, specializes in research, technology development, and transfer in the areas of cement and building materials. The visit primarily focused on concrete mix design, concrete testing, and non-destructive testing (NDT) techniques for concrete structures.

The visit commenced with an extensive session on concrete mix design, a fundamental aspect of construction engineering. Experts at NCCBM elucidated the intricate process of designing concrete mixes tailored to specific project requirements. Key factors such as cement type, aggregate gradation, water-cement ratio, admixtures, and supplementary cementitious materials were thoroughly discussed. Students gained insights into the significance of proportioning concrete ingredients to achieve desired strength, durability, and workability properties.

Following the discussion on mix design, students were led to the concrete testing laboratory. Here, they witnessed a range of tests conducted to evaluate the properties of fresh and hardened concrete. Various tests, including slump test, compressive strength test, flexural strength test, and workability tests like the flow table test and compaction factor test, were demonstrated. Students actively participated in the testing process, learning about the importance of quality control and assurance in concrete construction projects.

The highlight of the visit was the session on non-destructive testing (NDT) techniques for concrete structures. NCCBM experts showcased state-of-the-art equipment and methodologies employed for assessing the integrity and durability of concrete without causing damage. Techniques such as ultrasonic pulse velocity (UPV), rebound hammer test, and ground-penetrating radar (GPR) were demonstrated. Students gained insights into the significance of NDT in identifying defects, assessing concrete quality, and ensuring structural safety in both new and existing constructions.

Visit Banner:



J.C. Bose University of Science & Technology, YMCA, Faridabad
(A Haryana State Government University)
(Established by Haryana State Legislative Act No. 21 of 2009 & Recognized by UGC Act 1956 u/s 22 to Confer Degrees)
Accredited 'A' Grade by NAAC



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of Education Initiative)

INSTITUTION'S INNOVATION COUNCIL (6.0)
IN COLLABORATION WITH
DEPARTMENT OF CIVIL ENGINEERING
&
DEPARTMENT OF ENERGY AND ENVIRONMENTAL ENGINEERING
ORGANISING
INDUSTRIAL VISIT AT NCCBM, BALLABGARH,
FARIDABAD

DATE: 26/04/2024
TIME: 10:00AM

PRESIDENT: DR. RASHMI AGARWAL
VICE PRESIDENT: DR. POONAM

CONVENER: DR. NIKHIL DEV DR. RAJNI SAGGU PROF. NEELAM TURK	FACULTY COORDINATOR: ER. YOGESH KUMAR MORYA DR. ASHISH AGARWAL DR. RAJESH ATTRI
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Visit photos:







mapppls.com/pvk76s
National Council for
Cement and Building ...
26-04-2024, 12:22:34



mapppls.com/4afcf2
34, Sector 4, Faridabad,
Haryana, 121006
26-04-2024, 12:48:51



Attendance:

DATE: 26/04/2024

Attendance Sheet of Students for Industrial Visit at NCCBM, Ballabgarh

S. No.	Student Name	Roll No.	UG/PG	Course	Semester	Sign.
1	Abhishek	21001002001	B.Tech.	Civil Engineering	6th Sem.	Abhishek
2	ADITYA SHARMA	21001002003	B.Tech.	Civil Engineering	6th Sem.	Aditya
3	Alka	21001002004	B.Tech.	Civil Engineering	6th Sem.	Alka
4	Aman	21001002005	B.Tech.	Civil Engineering	6th Sem.	Aman
5	Anurag	21001002007	B.Tech.	Civil Engineering	6th Sem.	Anurag
6	Arjun	21001002008	B.Tech.	Civil Engineering	6th Sem.	ARJUN
7	Aryan Sharma	21001002009	B.Tech.	Civil Engineering	6th Sem.	Absent
8	Bhanu Chaudhary	21001002010	B.Tech.	Civil Engineering	6th Sem.	Bhanu
9	Dhriti Sharma	21001002011	B.Tech.	Civil Engineering	6th Sem.	Dhriti
10	Harsh Majoka	21001002013	B.Tech.	Civil Engineering	6th Sem.	Absent
11	Harshit Saini	21001002014	B.Tech.	Civil Engineering	6th Sem.	Harshit
12	Hitesh	21001002016	B.Tech.	Civil Engineering	6th Sem.	Hitesh
13	Hitesh	21001002017	B.Tech.	Civil Engineering	6th Sem.	Absent
14	Kadir	21001002018	B.Tech.	Civil Engineering	6th Sem.	absent
15	Keshav Kumar	21001002020	B.Tech.	Civil Engineering	6th Sem.	Keshav
16	Ketan Sharma	21001002021	B.Tech.	Civil Engineering	6th Sem.	Ketan
17	Krishna Ranjan	21001002023	B.Tech.	Civil Engineering	6th Sem.	Krishna Ranjan
18	Kuldeep	21001002024	B.Tech.	Civil Engineering	6th Sem.	Kuldeep
19	Maninder	21001002026	B.Tech.	Civil Engineering	6th Sem.	Maninder
20	Mayank Chauhan	21001002027	B.Tech.	Civil Engineering	6th Sem.	Mayank
21	Nitin Kumar Bhatia	21001002030	B.Tech.	Civil Engineering	6th Sem.	Nitin
22	Pankaj Dagar	21001002031	B.Tech.	Civil Engineering	6th Sem.	Pankaj
23	Pawan	21001002032	B.Tech.	Civil Engineering	6th Sem.	Pawan
24	Piyush Kumar	21001002033	B.Tech.	Civil Engineering	6th Sem.	Piyush
25	Piyush Yadav	21001002034	B.Tech.	Civil Engineering	6th Sem.	Piyush
26	Prince Chakshu	21001002037	B.Tech.	Civil Engineering	6th Sem.	Prince
27	Rajan Chauhan	21001002040	B.Tech.	Civil Engineering	6th Sem.	Rajan
28	Rakhi Sharma	21001002041	B.Tech.	Civil Engineering	6th Sem.	Rakhi
29	Sachin Singh	21001002046	B.Tech.	Civil Engineering	6th Sem.	Sachin
30	SAHIL	21001002048	B.Tech.	Civil Engineering	6th Sem.	Sahil
31	Sanidhya Kumar	21001002051	B.Tech.	Civil Engineering	6th Sem.	Sanidhya
32	Sarthak Mishra	21001002053	B.Tech.	Civil Engineering	6th Sem.	Sarthak
33	Sehaj Bhadana	21001002054	B.Tech.	Civil Engineering	6th Sem.	Sehaj
34	Shivam	21001002055	B.Tech.	Civil Engineering	6th Sem.	Shivam
35	Sidharth Kataria	21001002059	B.Tech.	Civil Engineering	6th Sem.	Sidharth
36	Sonam	21001002060	B.Tech.	Civil Engineering	6th Sem.	Sonam

26/04/2024

DATE: 26/04/2024

37	Soniya	21001002061	B.Tech.	Civil Engineering	6th Sem.	Soniya
38	Tushar Sharma	21001002065	B.Tech.	Civil Engineering	6th Sem.	Tushar
39	Vashudev	21001002066	B.Tech.	Civil Engineering	6th Sem.	Vashudev
40	Viren Kumar	21001002068	B.Tech.	Civil Engineering	6th Sem.	Viren
41	Yashika Singh	21001002070	B.Tech.	Civil Engineering	6th Sem.	Absent
42	Neetu	22001002024	B.Tech.	Civil Engineering	4th Sem.	Absent
43	Kajal	22001002502	B.Tech.	Civil Engineering	6th Sem.	Kajal
44	Mazhar Khan	22001002503	B.Tech.	Civil Engineering	6th Sem.	Mazhar Khan
45	Priyanka sorout	22001002504	B.Tech.	Civil Engineering	6th Sem.	Priyanka
46	Ritika	22001002505	B.Tech.	Civil Engineering	6th Sem.	Ritika
47	Ritika	22001002506	B.Tech.	Civil Engineering	6th Sem.	Ritika
48	SACHIN KUMAR	22001002507	B.Tech.	Civil Engineering	6th Sem.	Sachin Kumar
49	SANDIP	22001002508	B.Tech.	Civil Engineering	6th Sem.	Sandip
50	Umesh	22001002509	B.Tech.	Civil Engineering	6th Sem.	Umesh
51	Safoora Gayas	22001002510	B.Tech.	Civil Engineering	6th Sem.	Safoora
52	JAGDEEP	23001502003	M.Tech.	Energy and Environmental Engineering	2nd Sem.	Jagdeep
53	Govind	23001520002	M.Tech.	Energy and Environmental Engineering	2nd Sem.	Govind
54	Sahil Chauhan	23001520005	M.Tech.	Energy and Environmental Engineering	2nd Sem.	Sahil Chauhan
55	Vivek Singh	23001520006	M.Tech.	Energy and Environmental Engineering	2nd Sem.	Vivek

Sarfraz 21001002059 B.Tech Civil 6th sem Sarfraz
 Hardik 21001002012 B.Tech Civil 6th sem Hardik
 Samarjeet 23001002052 B.Tech Civil 2nd sem Samarjeet
 Shubham 21001002057 " " 6th sem Shubham

Yagesh Kumar Malya
 Visit Coordinator



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INTERNAL QUALITY ASSURANCE CELL



ACTIVITY REPORT

Name of Activity: Lecture Series by Experts from Industry in the Department of Civil Engineering

Name of Department conducting the activity	Department of Civil Engineering
Date of conduct	27 March 2024 15 April 2024 16th April 2024 18 April 2024 02 May 2024
Days of Activity	05 days
Nature of activity	Expert Lectures
Funded/ Sponsored by from (University/Industry/UGC/AICTE/ DST/ TEQIP/ Outside Society/ agency/ others(mention) (if any)	NA
Activity Coordinator/s	Dr. Ashish Agarwal, AP Civil Engineering Mr. Yogesh Kumar Morya, AP Civil Engineering
Total Amount Spent	NA
Target audience	B. Tech. (Civil Engineering) – 3 rd and 5 th Semester B. Tech. (Environmental Engineering) – 3 rd and 5 th Semester
Total No. of Registered Participants	100+
No. of Registered Participants from Other Institutions	0
No. of Registered Participants from Other Country	0
No. of Participants completing the program	75+
No. of Expert/s during the program	NA
Name of Expert/s	Sh. A. K. Zalpuri, Retd. General Manager, NTPC Sh. Brijesh Singh, General Manager (Scientist D) & PL, NCCB Faridabad. Sh. Amit Trivedi (General Manager & HOQ, NCCB Faridabad) Sh. P.N. Ojha (Joint Director, Scientist F, & HOC NCCB Faridabad) Sh. S. L. Kapil (Retd. Executive Director, NHPC)
Link of the Activity on website	NA

Video Link of the Activity(if any)	NA
Detailed Activity Report	<p>Mr. A. K. Zalpuri's lecture on "Intellectual Property Rights" on March 27, 2024, provided a comprehensive understanding of legal frameworks essential for safeguarding innovations in concrete technology, offering strategic insights crucial for intellectual property protection.</p> <p>Sh. Brijesh Singh's expertise shone in his lectures on April 15, 2024, where he delved into "High Strength Fibre Reinforced Concrete and its Performance" and "Non Destructive Testing Of Reinforced Concrete Structures," offering profound insights into enhancing structural durability and employing advanced testing methodologies for ensuring safety and integrity.</p> <p>Sh. Amit Trivedi's presentations on April 16, 2024, illuminated the audience on "Geopolymer Concrete: Approach Towards Sustainable Construction" and "Quality Assurance and Quality Control in Construction," providing practical strategies for promoting sustainable construction practices and maintaining rigorous quality standards throughout project execution.</p> <p>Sh. P.N. Ojha's lectures on April 18, 2024, offered valuable knowledge on "Durability and Durability Design of Concrete Structures" and "Ultra High Performance Concrete behavior and application," emphasizing innovative approaches for prolonging structural lifespan and harnessing the potential of advanced concrete materials for superior performance.</p> <p>Sh. S. L. Kapil's expertise, showcased on May 2, 2024, illuminated the audience on the "Application of Modern Geophysical Technology and Seismic Aspects for Engineering Projects," offering indispensable insights into leveraging cutting-edge technologies to mitigate seismic risks and enhance the resilience of engineering endeavors.</p> <p>Dr Rajni Saggi, Chairperson, Dr Vishal Puri, Assistant Professor and Sh. Yogesh Kr. Morya, Assistant Professor, welcomed the Experts and facilitated the experts with mementoes.</p>
Attach Brochure of the Activity	

DEPARTMENT OF CIVIL ENGINEERING
Expert Lecture on
DURABILITY AND DURABILITY DESIGN OF CONCRETE STRUCTURE
&
ULTRA HIGH PERFORMANCE CONCRETE BEHAVIOUR AND APPLICATION

TIME : 10:30 am- 1:00 pm
DATE : 18 April 2024
VENUE : Room No. 501, Mechanical Block, J.C Bose University of Science and Technology, YMCA, Faridabad, Haryana

Coordinators
Mr. Yogesh Kumar Morya
Dr. Ashish Agarwal

Convener
Dr. Rajni Saggi
Chairperson, Civil Engineering Department


Sh. P.N OJHA
 Joint Director (Scientist F) & HOC
 NCCB Faridabad

DEPARTMENT OF CIVIL ENGINEERING
J. C. Bose University of Science and Technology, YMCA, Faridabad
Organising Expert Lecture on

APPLICATION OF MODERN GEOPHYSICAL TECHNOLOGY AND SEISMIC ASPECTS FOR ENGINEERING PROJECTS

Time: 11:30 AM onwards
Date: 02 May 2024
Venue: CV501, Mechanical Block, J. C. Bose University of Science and Technology

Coordinators:
• Dr. Ashish Agarwal
• Dr. Yogesh Kumar Morya

Convener:
Dr. Rajni Saggi
Chairperson,
Department of Civil Engineering


Sh. Shyam L Kapil
 EXECUTIVE DIRECTOR,
 AND HOD (CIVIL ENGINEERING) DEPARTMENT, NCCB,
 J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, FARIDABAD

Attach geo tagged photographs
(with captions)







Report on Expert Lecture: Online Startup Master Class

Event Title: Online Startup Master Class for Early-Stage Entrepreneurs

Organized by: IPR, Innovation and Incubation/Startup Division (IIS) under R&D Cell, J.C. Bose University of Science and Technology, YMCA, Faridabad, in collaboration with Alliance of Digital India Foundation (ADIF)

The IPR, Innovation and Incubation/Startup Division (IIS) at J.C. Bose University of Science and Technology, YMCA, Faridabad, organized an Online Startup Master Class for early-stage entrepreneurs in collaboration with the Alliance of Digital India Foundation (ADIF). The session was held on October 10, 2024, from 3:00 PM to 4:00 PM via Google Meet. The expert lecture was aimed at guiding emerging entrepreneurs through the intricacies of building successful startups and understanding the evolving startup ecosystem. The event began with a welcome note by Prof. S.K. Tomar, Vice Chancellor of the University, who emphasized the university's commitment to fostering innovation and entrepreneurship among its students and the local community. He also acknowledged the support of the ADIF in providing crucial industry insights to aspiring entrepreneurs.

Sh. Saurabh Jain, the keynote speaker for the event, brought with him a wealth of experience as the former Vice President of Paytm and a recognized Startup Guru. His talk focused on key elements crucial to startup success, including:

- **Developing an Entrepreneurial Mindset:** Encouraging early-stage entrepreneurs to adopt a problem-solving approach and think innovatively.
- **Importance of a Lean Startup:** How to begin small, test ideas quickly, and avoid large initial investments.
- **Funding and Investment Strategy:** Practical advice on how startups can attract investors and manage finances effectively.
- **Navigating Market Challenges:** Real-world challenges entrepreneurs face, especially in the digital space, and strategies to overcome them.

He also provided valuable insights into his journey in the tech and startup sectors, sharing lessons from his time at Paytm, and offered practical tips on growing and scaling startups in India's evolving entrepreneurial ecosystem.

The session witnessed active participation from early-stage entrepreneurs, students, and faculty members. The participants were keen to gain insights into startup fundamentals and practical advice from Sh. Saurabh Jain. The Q&A segment at the end of the lecture allowed participants to engage directly with the speaker, where questions regarding startup scalability, funding avenues, and business model validation were discussed in detail.



जे.सी. बोस विज्ञान एवं प्रौद्योगिकी विश्वविद्यालय, चाड़ूरसरीग, फरीदाबाद (हरियाणा)
J.C. Bose University of Science and Technology, YMCA, Faridabad (Haryana)
Approved & Grants by UGC, State Government University
A State Government University Established vide State Legislative Act No. 21 of 2009
Sector-6, Faridabad - 121008 (HARYANA)
Ph: 0129-2310104, 2310160 | Website: www.jcboseust.ac.in

Ref: EL/187-2024

Date: 10/04/2024

LETTER OF APPRECIATION

To
Mr. Krishna Kant
Technical Head
Reckers Mechatronics Pvt. Ltd.

The Department of Electrical Engg. in J.C. Bose University of Science and Technology, YMCA Faridabad would like to thank you for delivering an expert lecture on the topic "Digitalization in Automotive Industry Through PLC & SCADA" on 02-04-2024. We are also thankful to you for sharing your knowledge and experience with our students.

We hope in future also we will get the same guidance.

Handwritten Signature
10/04/24

Chairperson
Department of Electrical Engineering

Department of Electrical Engineering
J.C. Bose University of Science & Technology YMCA, Faridabad



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INSTITUTION'S INNOVATION COUNCIL (6.0)

Activity Report

IDEATHON-PHASE II-2024 : Fostering Innovation and Problem solving

The poster for IDEATHON (One Day Exhibition and Half Day Workshop on EC & RC) features a dark red background with white and yellow text. At the top, logos for J. C. Bose University of Science and Technology, YMCA, Faridabad, HAREDA, and the Institution's Innovation Council are displayed. The main title 'IDEATHON' is in large, bold, yellow letters. Below it, the themes are listed in white boxes: Agriculture, Health & Well being, Environment Protection, Sustainable Energy, Product Design & Engineering, and Electric Vehicle. Two circular portraits of the Vice Chancellor and Chief Guest are shown. The registration fee is listed as Rs 200. A QR code and 'Register Now' button are present. Prizes are listed as 1st Prize - Rs 11,000/-, 2nd Prize - Rs 8,000/-, and 3rd Prize - Rs 6,000/-. Contact information for student coordinators is provided at the bottom.

J. C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY YMCA, FARIDABAD, HARYANA

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

INSTITUTION'S INNOVATION COUNCIL IN COLLABORATION WITH ELECTRICAL ENGG. DEPARTMENT & HAREDA IS ORGANIZING

IDEATHON

(ONE DAY EXHIBITION AND HALF DAY WORKSHOP ON EC & RC)

THEMES

- Agriculture
- Health & Well being
- Environment Protection
- Sustainable Energy
- Product Design & Engineering
- Electric Vehicle

PROF. S.K. TOMAR
VICE CHANCELLOR
JC BOSE UST, YMCA, FBD

SH. ANAND SHARMA
ADD. DEPUTY COMMISSIONER
FARIDABAD

REGISTRATION FEE - RS 200

NOTE: Team size (2-5)

06 MARCH 2024

SHAKUNTALAM HALL

10 AM ONWARDS

Register Now

1st Prize- Rs 11,000/-

2nd Prize- Rs 8,000/-

3rd Prize- Rs 6,000/-

PRESIDENT:
DR. RASHMI AGARWAL
VICE PRESIDENT -
DR. POONAM
CONVENOR - DR. NIKHIL

FACULTY COORDINATORS
DR. ROHIT TRIPATHI
DR. ASHLESHA GUPTA
DR. YOGESH MORVA

STUDENT COORDINATORS:
Yatin - 9540661977
Ashu Goel - 8198973815

@institute_innovation_council

Event Report: IDEATHON-PHASE II 2024

Objective:

The Institution's Innovation Council (IIC) of our University recently organized an Ideathon with the primary objective of engaging students in intensive brainstorming. The event aimed to bring together individuals from diverse backgrounds, skills, and interests to diagnose predefined problems, identify the best opportunities, and ideate the most viable solutions. It provided students with an invaluable platform to present their ideas to industry experts and tackle real-world issues.

Event Details:

Institution's Innovation Council of the University in collaboration with Electrical Engineering Department and HAREDA organized "Ideathon-Phase-II 2024" – One

day Exhibition & half day workshop on EC & RC on March 6. The Ideathon served as a golden opportunity to provide a platform for the budding entrepreneurs to generate and present innovative solutions to specific challenges. The Ideathon was organized around six themes including Agriculture, Health and Well-being, Environment Protection, Sustainable Energy, Product Design and Engineering and Electric Vehicle. A total of 23 teams participated in the event .

The event commenced with the traditional lamp lightening by the chief guest Sh. Anand Sharma Additional Depty Commissioner of Faridabad, Guest of Honour Sh. Gaurav Aggarwal, Scientist-F DST;Dr. Shweta Tripathi, Assitant Professor,IGNOU; Prof. Munish Vashishta,Dean Student's Welfare, Dr. Anju Gupta, Chairperson,Department of Electrical Engineering, Mr. Ravi Kant, Assistant Project Officer, and other esteemed faculty members.

Dr. Rashmi Aggarwal, presiden IIC 6.0 welcomed the guests and participants. She expressed her enthusiasm for the Ideathon and highlighted its significance in fostering innovation and collaboration among the university's students. She emphasized the importance of fostering a culture of innovation and entrepreneurship within the university and Stressed the Ideathon's role in providing a platform for students to unleash their creative potential and develop practical solutions to real-world problems.

The guest of Honour Dr. Gaurav Aggarwal Scientist F from DST shared his experiences and expertise.He Encouraged participants to embrace interdisciplinary collaboration by forming diverse teams and highlighted the value of combining different perspectives, skills, and knowledge to address complex challenges

Dr. Anand Kumar Sharma,ADC Faridabad Emphasized the importance of creating solutions with a positive and tangible impact on society. He Encouraged participants to think beyond theoretical concepts and strive for practical, implementable ideas. He expressed confidence in the potential of the participants to contribute meaningfully to the Ideathon and to the Society as a whole.

After the inauguration the participants showcased their ideas in the Shakuntalam Hall. They were evaluated by a group of esteemed judges on various parameters like Innovation, Market Viability, Prototype Availability, Social and Economic Impact and Overall Presentation Skills. The jury members included a mix of judges from academia and industry. Participants developed and honed crucial skills, including teamwork, communication, critical thinking, and problem-solving. The Ideathon provided a platform for students to connect with mentors, industry professionals, and fellow participants, expanding their professional networks.

Team of Harsh, Rishav and Avdhesh from Manav Rachna University grabbed 1st prize of Rs 11000. The second prize of amount Rs 8000 was shared among the team of Raghav Gupta from JCBUST and the team of Meghna, Sahil and Divyanshu of JCBUST and the third prizeof Rs 6000 was also shared among two teams, team Nitvin JCBUST and team of Akash Yadav and Hardik of JCBUST. At the event Dr. Rohit Tripathi delivered the vote of thanks, summarizing the key highlights and expressing gratitude to all participants and attendees.

The Ideathon was successfully convened by Dr.Nikhil Dev, Convenor IIC, and well coordinated Dr. Rohit Tripathi,Dr. Ashlesha Gupta and Ms. Raveena Aggarwal.

In conclusion, the Ideathon event served as a catalyst for innovation, bringing together diverse perspectives and fostering a culture of creativity and collaboration. The event's success underscores the importance of providing platforms for students to explore, ideate, and implement solutions that contribute to positive societal change.

IDEATHON-2023 Winners:

- **1st Prize:** Harsh, Rishav and Avdhesh (Manav Rachna University). They received the top honour along with a cash prize of ₹11,000.
- **2nd Prize:** The second prize was shared among the team of Raghav Gupta and the team of Meghna, Sahil and Divyanshu. Both teams were of J.C Bose University of Science & Technology, Faridabad
- **3rd Prize:** Third prize was shared among two teams, first team of Nitvin, Devanshu, Hitharth, Nitesh and Rajat, second team of Akash Yadav and Hardik of J.C Bose University of Science & Technology, Faridabad

Additionally, all participants were awarded e-certificates to acknowledge their participation and contribution to the IDEATHON-2024.

Instagram URL:

https://www.instagram.com/p/C4MqCm_K3oE/?igsh=OGJ5d2M5cnBtZndj





Attendance List:

1. Shobhit kumar btech ce hindi (3rd year) 21001050018
2. Ashmit Kumar B tech ENC(3rd year) 22001015503
3. Dhruv singhal Btech ENC(2nd year) 22001015016
4. Kavya Mathur Btech.ECE (3RD year)21001008030
5. Sumit CE(2nd year CE)22001003130
6. Khushi Pathak Btech ECE(3rd yr)21001008033
7. Tushar Sinha BTECH ME 21001013124(3rd year)
9. Sahil Btech ME(3rd year) 21001013102

- 10.Chhavi Rohilla Btech ENC(2nd year) 22001015014
11. Nav Garg B.tech ECE 3rd year 21001008046
- 12.Shivam Bhatia Btech IT (2nd year) 22001011057
- 13.Hrithik Garg Btech IT (2nd year) 22001011027
14. Manan Goel Btech CE (2nd year) 22001050012
15. Shubham BTech CE (2nd year) 22001050022
- 16.Shivam Rajput btech ce hundi (3rd year) 21001050017
17. Yashika 21001050024 Btech CE(H)3rd year
18. Aarusha 21001008001 ECE (3rd year)
19. Kunal 21001008037 ECE (3rd year)
20. Pooja mandal 21001013087 me 3rd year
21. Kashyap Raina Btech CE (2nd year) 22001003061
22. Kunwar Uttkarsh Singh Btech CE 2nd year 22001003069
- 23.Sandhya Btech CE 3rd year 21001003122
- 24.Kushagra Saini CE 2nd year 22001003070
25. Vatsala Kaul IT 2nd year 22001011069
- 26.Ashu Goel (ECE 3rd year)21001008013
- 27.Anshika (ECE 3rd year)21001008012
- 28.Yatin (Btech Rai 3rd year)21001020033
- 29.Puneet khoria(Btech EEIOT 3rd year)21001017045
- 30.Mehak (Btech IT 3rd year)21001011037
- 31.Harita (Btech CE 3rd year)21001003050
- 32.Akash(2ND year) 22001016006
- 33.Isha(3rd year ECE) 21001008027
- 34.Bhavika(3rd year ECE) 21001008016
- 35.Mishali(3rd year EEIOT) 210010170
- 36.Tanya(3RD YEAR MECH) 21001013120
- 37.Ayush Das(3rd year) ENC 21001015013
- 38.Manasvi(3rd year) ENC 21001015033
- 39.Amolica(2nd year) ECE 22001008007
- 40.Preetam(3rd year) EEIOT 21001017043

1	Name of Activity	Showcasing of Racing Car developed by Mechnext club in Industrial Expo, Faridabad
2	Type of Activity (FDP/Lecture/Technical/conference etc.)	Industrial and Research
3	Name of Department/Section/Cell conducting the Activity	MechNext Club
4	In coordination with (if any)	IMT Industries Association Faridabad (IIAF)
5	Date of Conduct	02.12.2023 to 04.12.2023
6	Name of the Activity Coordinator(s)	Dr. Rajeev Saha and Dr. Nikhil Dev
7	Amount Spent	Nil
8	Funding/grant from University/Industry/UGC/AICTE/DST/TEQIP/Outside Society/agency/others (Mention)	NA
9	Target audience	Visitors to Industrial Expo
10	No. of beneficiaries	Visitors to Industrial Expo
11	Name of Outside Guests	Nil
12	Any other information	Appended below
13	Also attach two/three good quality photographs	enclosed

IMT Industrial Expo 2023



IMT Industries Association Faridabad

for the
Industry
by the
Industry

Participate in IMT Industrial
Expo 2023 and multiply your
Returns on investments

2-3-4
December 2023

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info@iiaf.co.in



PROJECT ENTREPRENEURSHIP

1

*An IIAF Initiative for
Budding Entrepreneurs / Students
to showcase their
Projects
which are Industry ready for Deployment;*

*IMT Industrial Expo
will be an ideal platform for such incumbents to
connect- network- engage-
and find Investors / partners and associates
opportunities for business to grow.*

*The IIAF as a not-for-profit body will play a
pivotal role of being the mentor and help
ensure all legal formalities are taken care of in
building the journey*



List of Participants from J.C. Bose University:

S No	Name	Roll Number	Branch	Semester
1	Aaditya Sharma	21001013001	Btech mechanical engineering	5th sem /3rd year
2	Reeshab Yadav	21001013100	B.Tech(Mechanical)	3rd year
3	Himanshu Yadav	23001013050	Mechanical	1st
4	Digvijay Singh	22001013036	BTech(mechanical engineering)	Second year
5	Md Tausif Raza	22001013070	Mechanical	3rd sem/ 2nd year
6	Jatin Kumar Yadav	23001013054	Mechanical	1st year
7	Lokesh	20001013074	Mechanical engineering	7sem/4th year
8	Karishma	22001013061	Mechanical	Third sem
9	Deepanshu	22001017017	Electronics	3rd/2023
10	Lakshay	23001013064	Mechanical	1st semester
11	Saket soni	20001013110	Mechanical engineering	7sem/4th year
12	Reedhima Chaubey	23001013096	Mechanical Engineering	1st
13	Shaurya Chaubey	21001013110	Mechanical Engineering	5th Semester/ 3rd Year
14	Shailja Kumari	23001013113	Mechanical engineering	1st
15	Dipanshu Kaushik	23001013040	Mechanical	1st year
16	Sumit	22001013117	Mechanical engineering B.Tech	3rd
17	Mudit Bansal	23001013072	B.tech	1st semester
18	Aniket	21001013015	Mechanical Engineering	3rd year



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(Mechanical Engineering Department)

ACTIVITY REPORT

EXPERT LECTURE DELIVERED

1.	Name of Activity (Title)	Expert Lecture Delivered (Under MOU with Ehime University, Japan)
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Lecture
	Name of department/ Section/ cell conducting the activity	Mechanical Engineering Department
3.	In coordination with (if any)	International Affairs Cell
4.	Date of conduct	19.04.2024
5.	Name of Activity Coordinator (s)	Prof. Sandhya Dixit, Dr. Mamta Kathuria and Dr. Nitin Panwar
6.	Amount Spent	Nil
7.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	-
8.	Target audience	B.Tech RAI IV and VI Sem Students/ B.Tech ME VI Sem Students/ Research Scholars and Faculty members
9.	No. of beneficiaries	150
10.	Name of Outside guests	Prof. Satoru Shibata', Graduate School of Science and Engineering, Ehime University, Japan
11.	Any other information	

The **Department of Mechanical Engineering**, J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana in coordination with **International Affairs Cell** organized an expert lecture on the topic '**What kind of machines can be accepted by human psychology?**' on **April 19, 2024** for the aspirants aimed to gain knowledge in the field of robotics. The Lecture was part of activities under MOU between J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana, India and Ehime University, Japan.

The session was delivered by '**Prof. Satoru Shibata**', **Graduate School of Science and Engineering, Ehime University, Japan**. Prof. Shibata focused on the pivotal role of robots in performing day-to-day activities.

The successful realization of the aforementioned session was made possible through the indispensable support and guidance of **Prof. S.K. Tomar**, the Vice Chancellor of J.C. Bose



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University, YMCA, Faridabad. His guidance has been instrumental in shaping our institution's global initiatives. The academic discourse was thoughtfully organized under the guidance of **Prof. Arvind Gupta, Prof. Sandhya Dixit, Dr. Mamta Kathuria** and **Dr. Rajeev Saha**.

Following the enlightening lecture by the speaker, a beneficial question-and-answer session was seamlessly integrated into the event. This interactive segment provided an invaluable opportunity for attendees to seek clarification and gain deeper insights into the intricate topic discussed.

The event served as an enriching platform for knowledge exchange, providing attendees with a deeper understanding of the complexities inherent in man machine communication.

Prof. Sandhya Dixit proposed the Vote of Thanks and the session was coordinated by **Dr. Nitin Panwar**. The lecture was attended by more than 150 students with great enthusiasm and garnered good feedback from the participants.

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EXPERT LECTURE
on
"What kind of machines can be accepted by human psychology?"

International Affairs Cell
in coordination with
Department of Mechanical Engineering

Prof. S.K. Tomar
Vice Chancellor
JCBUST, YMCA, Faridabad
(Haryana)

Prof. Satoru Shibata
Graduate School of Science and
Engineering, Ehime University,
Japan

Conveners
Prof. Arvind Gupta
Dr. Mamta Kathuria
Prof. Sandhya Dixit

Co-Conveners
Dr. Rajeev Saha
Dr. Nitin Panwar

PLATFORM : ZOOM
VENUE : MULTIMEDIA CENTRE

Meeting Link:
<https://us02web.zoom.us/j/5411870021?omn=87432704809>

Meeting ID:
5411870021

Date: 19.04.2024

Time: 11:30 AM(IST)



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Expert Lecture
on

“What kind of machines can be accepted by human psychology?”

Organized by
International Affairs Cell
in coordination with
Department of Mechanical Engineering





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Camera

Computer



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待機モード 待機の指示

Participants (65)

- ANSH (Host, Me)
- Ashutosh Dixit (Co-host)
- 柴田 諭 (Co-host)
- J. C. Bose University of Science & Techn... (REC)
- Mamta Kathuna
- Dr. Sandhya Dixit
- Sanjeev Goyal
- Sachin Sharma
- Kazuki MITSUI_101
- Daichi Nagashima
- Akira SAITOH
- SIDHARTH PISHEN
- Kosei Kuryu
- Yoshiteru Itagaki
- Varun Gupta
- Tomoyuki Matsubara

Invite Mute All More





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ACTIVITY REPORT

EXPERT LECTURE DELIVERED

1.	Name of Activity (Title)	Expert Lecture Delivered (Under MOU with Ehime University, Japan)
2.	Type of Activity (FDP/Lecture/Technical/conference etc.)	Lecture
	Name of department/ Section/ cell conducting the activity	Mechanical Engineering Department
3.	In coordination with (if any)	International Affairs Cell
4.	Date of conduct	20.05.2024
5.	Name of Activity Coordinator (s)	Prof. Sandhya Dixit, Dr. Mamta Kathuria and Dr. Nitin Panwar
6.	Amount Spent	Nil
7.	Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	-
8.	Target audience	Researchers, Students and Faculty members of Ehime University, Japan
9.	No. of beneficiaries	25
10.	Name of Speaker	Dr. Rajeev Saha
11.	Any other information	

The **Department of Mechanical Engineering** in coordination with **International Affairs Cell**, J.C. Bose University of Science & Technology, YMCA, Faridabad, Haryana organized an expert lecture on the topic '**Industry 4.0 Technologies for Smart Manufacturing**' on **May 20, 2024** for the aspirants aimed to gain knowledge in the field of smart manufacturing in today's era. The Lecture was part of activities under MOU between J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana, India and Ehime University, Japan and was intended for the researchers and faculty of Ehime University, JAPAN.

The session was delivered by '**Dr. Rajeev Saha**', Associate Professor, Department of Mechanical engineering on the said topic. Dr. Saha engaged the audience with thought-provoking presentations and discussions on various aspects of increasing demand of Industry 4.0 in smart manufacturing.



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The successful realization of the aforementioned session was made possible through the indispensable support and guidance of **Prof. S.K. Tomar**, the Vice Chancellor of J.C. Bose University, YMCA, Faridabad. His guidance has been instrumental in shaping our institution's global initiatives. The academic discourse was thoughtfully organized under the guidance of **Prof. Arvind Gupta, Prof. Sandhya Dixit, Dr. Mamta Kathuria, and Dr. Nitin Panwar**.

The expert lecture served as a platform for knowledge exchange and dialogue on critical issues related to smart manufacturing. By bringing together leading experts and engaged participants, the event fostered a deeper understanding of the challenges ahead and the collective actions needed to build a more smart organizations.

The audience of Ehime University actively participated in Q&A sessions, demonstrating a keen interest in understanding and gaining deeper insights into the intricate topic discussed.

The lecture was attended by researcher form Ehime University and faulty from J. C. Bose University of Science and Technology.



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EXPERT LECTURE

on
"Industry 4.0 Technologies for Smart Manufacturing"

Department of Mechanical Engineering
in co-ordination with
International Affairs Cell



Prof. S.K. Tomar
Patron
Vice Chancellor
JCBUST, YMCA, Faridabad (Haryana)



INDUSTRY 4.0



Dr. Rajeev Saha
Speaker
Associate Professor, Department of Mechanical Engineering,
JCBUST, YMCA, Faridabad (Haryana)

Conveners
Prof. Arvind Gupta Dr. Mamta Kathuria Prof. Sandhya Dixit Dr. Nitin Panwar

AUDIENCE :

- Students and Faculty of Graduate School of Science and Engineering, Ehime University, Japan.
- Students, Researcher and Faculty of J.C. Bose University of Science and Technology, YMCA, Faridabad, Haryana

PLATFORM : ZOOM **Meeting ID : 89885380497**

Meeting Link :
<https://us06web.zoom.us/j/89885380497?pwd=mrtuGomStsAaco5CbYnbjoJPKaadnc.1>

Date: 20.05.2024 **Time: 13:30(JST)/10:00(IST)**



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Expert Lecture
on
“Industry 4.0 Technologies for Smart Manufacturing”

Organized by
Department of Mechanical Engineering
in coordination with
International Affairs Cell

Activate Windows

Industrial Revolutions

1.0 2.0 3.0 4.0

Steam engines Mass production Internet technology Smart automation

Unmute Start video Participants 14 Chat Reactions Share Captions



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**INDUSTRY 4.0
TECHNOLOGIES FOR
SMART MANUFACTURING**

Dr. Rajeev Saha
Associate Professor
J.C. Bose University of Science and Technology, YMCA, Faridabad
India

Zoom Meeting | You are viewing Dr. Rajeev Saha's screen | View Options | Sign in | 00:12:16 | View | Participants (10) | Find a participant | Sandhya Dixit (Me) | Yoshiteru Itagaki (Host) | Dr. Rajeev Saha (Co-host) | kmizukami | Kuge Yuto | Dr. Sandeep Grover | Sanjeev Goyal | TATSUNA UEDA | 三好隆太 | 松井 優介 | Unmute | Start Video | Participants | Share Screen | Reactions | Apps | Whiteboards | Notes | More | Leave | Invite | Mute Me

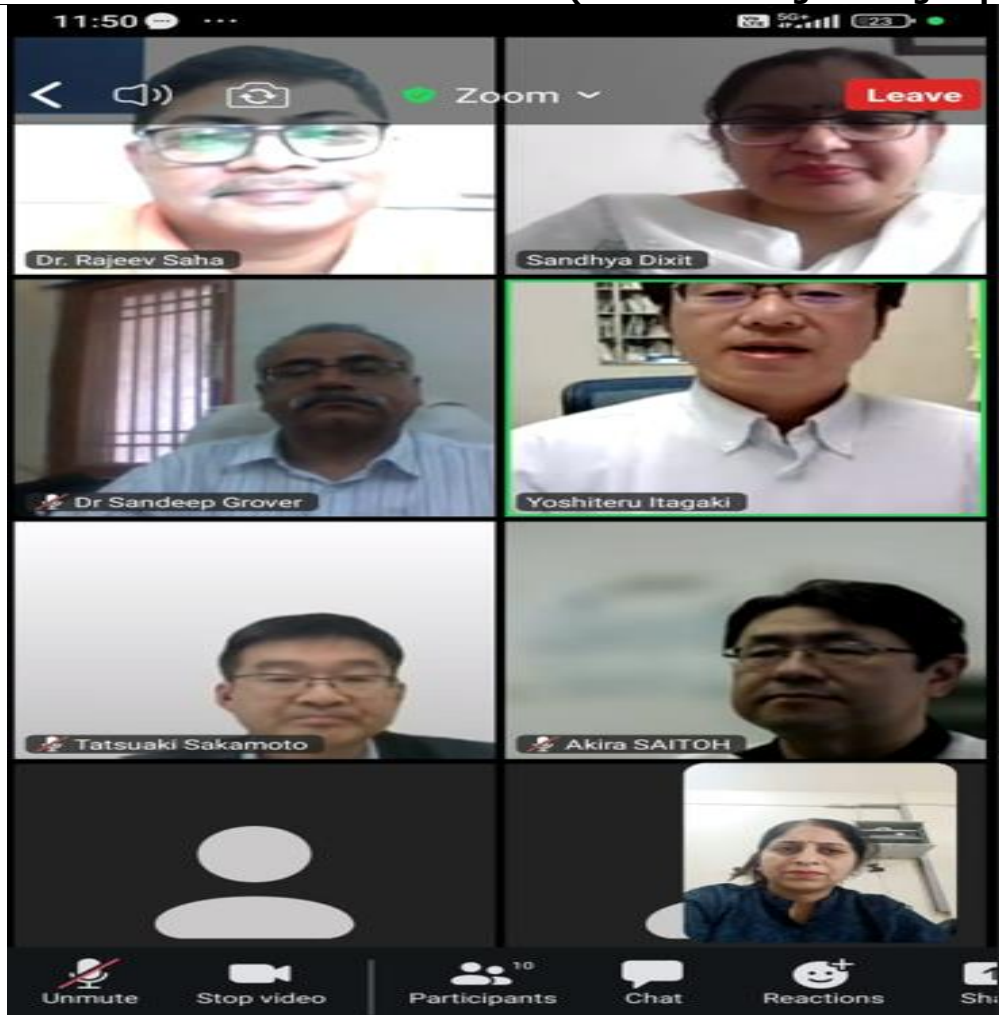
**Smart Automation
(Industry 4.0)**

Dr. Rajeev Saha

Zoom Meeting | You are viewing Dr. Rajeev Saha's screen | View Options | Sign in | 00:39:26 | View | Participants (14) | Find a participant | Sandhya Dixit (Me) | Yoshiteru Itagaki (Host) | Dr. Rajeev Saha (Co-host) | Akira SAITOH | Arvind Gupta | Dr. Sandeep Grover | Dr. Manita Kathuria | Kazuki MITSU_101 | kmizukami | Ryuta MIYOSHI | Sonia Bansal | Unmute | Start Video | Participants | Share Screen | Reactions | Apps | Whiteboards | Notes | More | Leave | Invite | Mute Me



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Proposed forthcoming Activities under MOU with Ehime University, Japan

The following activities are further planned in near future under MOU with Ehime University, Japan:

1. Expert Lecture by Prof. Keiji Ogi, Department of Mechanical Engineering, Ehime University, Japan on "Damage monitoring of CFRP laminates during drilling by electrical impedance measurement"
2. Expert Lecture by Dr. Sanjeev Goyal, Department of Mechanical Engineering, J.C.Bose University of Science and Technology, YMCA, Faridabad, Haryana, India, on " Data-Driven Strategies for Enhanced Disaster Response: Optimizing Planning, Allocation, and Action for Effective Crisis Management."

J C Bose University of Science and Technology YMCA, Faridabad

Report on Expert Lectures conducted on 28th Feb 2024.

The Department of Management Studies in association with IPR, Innovation & Incubation/ Start up-division (IIS) conducted expert lectures on 28th Feb 2024 in the Multimedia centre of the University. The first session was conducted on, “How to raise funds from investors” from 11.00 am to 1:00 pm. Dr. Rachna Agrawal, Chairperson (Department of Management Studies), J C Bose University of Science and Technology, Faridabad welcomed esteemed resource person Prof. Rounaque Mustafa, visiting professor of entrepreneurship at Delhi Technological University and a former CEO of the IIM Lucknow Enterprise Incubation Centre. Prof Mustafa has imparted his wealth of knowledge and expertise to aspire entrepreneurs, nurturing the next generation of innovators. Prof Mustafa discussed how management students can do innovation by achieving success through process innovation. He explained the way to create an enterprise and raise. He mentioned the importance of ecosystem including university’s incubation centre. He focused on the following areas: ideation, societal problems (and how to create a business plan to tackle them), and mega trend research. He promoted the idea of the “Job Giver above the Job Seeker”. Session was very interactive with participants asking questions and sharing insights.

He inspired the students by saying, "Dream not for the sake of becoming something, but of doing something."

Session 2 on “Legal Aspects for building a startup” was held from 2:00 pm to 4:00 pm. Dr. Sanjeev Goel in charge of IPR, Innovation and incubation division of JC Bose University of science and technology Faridabad welcomed esteemed resource person Mr. Sunil Jaiswal, a distinguished professional and co-Founder of Mr. Professional. He has experience in industry as well as academics. He delivered a session on “legal aspect for building a startup” to the faculty and students of management studies. He discussed why the legal aspect for building a startup is necessary and explained the methods and processes to build start up. The session was very interactive with participants asking questions. He also enlightened the ways to be a good entrepreneur. The session ended with a vote of thanks by Dr. Sapna and Dr. Jyotsana Chawla.





फरीदाबाद, हरियाणा, भारत
9888+WRF, सेक्टर ६, फरीदाबाद, हरियाणा 121006, भारत
Lat 28.367402°
Long 77.316893°
28/02/24 11:47 AM GMT +05:30

GPS Map Camera



