



Seminar on “Success by Design”

Department of Mechanical Engineering in association with the Institute Innovation Council (IIC) and ASHRAE MAIT Student Branch organized a seminar on “Success by Design” on 18th November 2022. The speakers for the session were Ms Vandana Kapuria, Director Enmax Smart System, Co-Chair (Student Activity), AIC and Mr Gaurav Verma, Scientist, BARC. The objective of the event was to motivate and encourage the students to set and achieve their goals.

Ms. Vandana Kapuria delivered an inspiring talk on the concept of “Success by Design”, emphasizing the importance of setting goals using the S.M.A.R.T. framework – Specific, Measurable, Actionable, Relevant, and Time-bound. She encouraged students to gain clarity about their aspirations, overcome limiting beliefs, build daily success habits, manage time efficiently, and stay focused on their “WHY.” Her session was highly interactive and provided practical tools to help students align their academic journey with their long-term ambitions.

Following this, Mr. Gaurav Verma shared his professional journey from MAIT to BARC, offering students a first-hand account of the role mechanical engineering plays in the domain of nuclear science and technology. He explained how subjects like thermal engineering and heat transfer play a critical role in nuclear reactors, especially in understanding the working principles of heat exchangers, cooling systems, and reactor heat dissipation. He also delved into the application of material science in nuclear settings, discussing the importance of radiation-resistant materials and the mechanical properties required to ensure structural integrity in reactor components. Mr. Verma elaborated on the application of fluid mechanics in reactor cooling systems, particularly in the context of Pressurized Heavy Water Reactors (PHWR), and shared his expertise on manufacturing and design considerations vital for nuclear safety, such as precision machining, failure analysis, and quality control. In addition to the technical depth, Mr. Verma also guided students on career prospects in nuclear engineering, encouraging them to explore interdisciplinary roles in organizations like BARC, DRDO, and other premier research institutions.

The session concluded with an enthusiastic Q&A session, where students engaged with both speakers, seeking personal, academic, and career-related advice. With over 100 participants in attendance, the event was a resounding success, inspiring students to bridge the gap between academic concepts and real-world engineering applications.





List of Participants

Name	Enrollment No.
Aabhas Bhatia	04114811119
Abhay Malhotra	35614803620
Abhishek kumar	01814807421
Aditya Goyal	00814803620
Ansh Gupta	00514811121
Anshul Mathur	00514811120
Archit karn	02014803620
Aryan	02514803620
Atinderjeet Singh	02614803620
Ayush Kandari	20114811120
Chandan kumar	03114803620
DEEPAK jha	03614803620
Dinesh	01814807420
Divyansh	01914807420
Gunraj	35914803620
Harsh bhatt	01314811120
Harsh goel	01414811120
Harshit Sharma	00214807421
Jatin Singh	00314808220
Kanav Bali	04814803620
Kavya Taneja	01814811120
Laksh Aggarwal	02014811120
MANIK BHATIA	05714803620
Mayank Arora	05914803620
Mohit Sharma	3614811121
Nazim sahun	06614803620
Pratham arora	07314803620
priyanshu jain	07514803620
RAJAN RAJ	03014807420
Rohan	03214807420
Romil Shankar Gupta	08314803620
Saksham Anand	35314803620
Saquib khan	03214811120
Shreshth Virmani	00414811119
Shrey Jain	03614811120
Shrey Sharma	
Som Nath Jha	00714808220
Subham	01214811119
Sumit dixit	00914811119
Swastik Rawat	01014811119
Tushar Solanki	20714811120
Uday Kalia	04414811120
VAIBHAV MUDGAL	00914808220
Vansh	04814811120
Vinay	01014808220

Mohd Rashid Kausar	02314811120
Diptanshu Chowdhury	35514811120
Mohak Shah	06314803620
DHEERAJ JOSHI	20414811120
Nihal Mahto	02814811120
SAKAR	01314807421
Prakhar Jain	02914811120
ANAYAT AHMAD DAR	75114807421
Ashish	00714811120
Tushar Solanki	20714811120
Siddharth Mondal	09114803620
Mohit Lakhera	02414811120
Aditya Bhushan	36014803620
Harsh goel	01414811120
Raghav Bhatnagar	36714803620
Akshit Kashyap	01314803620
DEEPAK SHARU	
ANMOL KUMAR BHAGAT	
RAGHWENDRA KUMAR SINGH	
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Kavya Taneja	01814811120
Laksh Aggarwal	02014811120
Mohd Rashid Kausar	02314811120
Shrey Jain	03614811120
HIMANSHU GOYAL	04614803621
Aditya Kumar	01914807421
KAMRAN ALI	00614807421
Ankur Ujjwal	00414811120
ABHISHEK UPADHAYAY	03314803621
HARSHIT TIWARI	03914803621
SARTHAK DHIR	04214803621
MORE ROSHAN MANGESH	04114803621
Deepanshu Kumar Kadam	01014811120
Seemant Wason	08614803620
Akshat Chaudhary	01214803620
Shashank Anand	03414811120
Vansh Sahni	04914811120
Mohit Jha	06414803620

Jean Krishna	04614803620
Shubham Goyal	36314803620
Kanav Jain	04914803620
Visakh Ramachandran	35514803620
Kanav Bali	04814803620
Kartik Tanwar	05114803620
SUMIT TIWARI	00814808220
HRITIK THAKUR	
Himanshu Yadav	01714811120
Neeraj Sharma	02714811120
Prakhar Jain	02914811120
Shashank Anand	03414811120
Shubham Goel	03814811120