



Maharaja Agrasen Institute of Technology, Delhi

PSP Area, Plot No. 1, Sector-22, Rohini, Delhi-110086

Department of Mechanical Engineering

EVENT REPORT

Name of the Activity:	Workshop on "Problem Solving Approach Based Psychological Assessment Tool"	
Resource Person:	Dr. Nity Sharma, Scientist E and Dr. Sandhya Verma, Scientist E from DRDO	
Date: 18 th March, 2024	No. of Participants: 22 + 12 Faculty members	

The Department of Mechanical Engineering, in collaboration with DRDO, organized a workshop on March 18, 2024, focusing on the Problem-Solving Approach-Based Psychological Assessment Tool. While the workshop primarily centered on psychological assessment, its methodologies and structured problem-solving strategies hold significant relevance in Mechanical Engineering, particularly in areas such as failure analysis, root cause identification, system optimization, and industrial decision-making.

Experts Dr. Nity Sharma, Scientist E and Dr. Sandhya Verma, Scientist E from DRDO, shared invaluable insights during the sessions. The speakers provided an overview of the significance of problem-solving techniques in psychological assessment, highlighting their relevance in various domains. Participants were introduced to a novel Psychological Assessment Tool developed by DRDO, focusing on its application in real-world scenarios. Through case studies and practical demonstrations, attendees gained insights into the practical implementation of the assessment tool. Real-life scenarios were analyzed to illustrate its effectiveness. The workshop incorporated interactive sessions where participants actively engaged with the speakers, clarifying doubts and discussing potential applications of the assessment tool. The workshop fostered collaboration and provided participants with hands-on experience in psychological assessment methodologies, equipping them with practical skills for real-world applications. These methodologies align with the principles used in ergonomics, robotics, automation, and engineering management, where human cognitive abilities play a crucial role in optimizing system performance and safety. With 12 esteemed faculty members and 25 eager third and final-year students in attendance, the workshop delved into innovative methodologies for psychological assessment, fostering collaboration and empowering attendees with practical skills.



List of Faculty

S.No.	Name of Faculty	Designation
1	Dr. Sachin Gupta	Assistant Professor
2	Dr. Narinder Kaushik	Assistant Professor
3	Mr. Harsh Joshi	Assistant Professor
4	Dr. Alok Kumar	Assistant Professor
5	Dr. Sumit Joshi	Assistant Professor
6	Mr. Vikas Sharma	Assistant Professor
7	Dr. Anupam Thakur	Assistant Professor
8	Mr. Atul Kaushik	Assistant Professor
9	Dr. Sidharth	Assistant Professor
10	Dr. Garima Sharma	Assistant Professor
11	Dr. Satish Verma	Assistant Professor
12	Mr. Naveen Solanki	Assistant Professor

List of Students

S.No.	Name
1	Adarsh Kumar Pandey
2	Aditya Kumar
3	Anish kumar
4	Ashish Raj
5	Divy Meher Kapoor
6	Divyanshu
7	Kamran Ali
8	Lalit Sharma

9	Lovekush
10	Mayank Bhadouria
11	Mohd Rashid Kausar
12	Nihal Mahto
13	Nitin Nautiyal
14	Priyanshu Gaur
15	Rajat nagarwal
16	Ritesh Kushwaha
17	Romil Shankar Gupta
18	Sharmishta Menon
19	Shivam Sharma
20	Shresth Gupta
21	Tanvir Alam
22	Yash Grover