

Workshop on Problem solving approach based on Psychological Assessment Tool

On the 12th of March 2024, the esteemed Defense Research and Development Organization (DRDO) orchestrated a meticulously planned workshop aimed at students from the Electrical and Electronics, as well as Electronics and Communication departments. Titled "Problem-solving Approach based on Psychological Assessment Tool," the workshop sought to introduce innovative methodologies and psychological assessment techniques, with a specific focus on enhancing problem-solving skills.

Keynote speakers Dr. Nity Sharma and Dr. Sandhya Verma, both distinguished scientists from DRDO, enriched the workshop with their expertise. The event's coordination was seamlessly handled by the Heads of Departments (HODs) and faculty coordinators Dr. Anubha Goel and Ms. Poonam Juneja ensuring a well-organized and enriching experience for all participants.

The workshop spanned an engaging three-hour duration, commencing with an enlightening audio-visual presentation. This presentation illustrated a complex problem related to the application of inertial sensors in electronic devices, setting the stage for the participants' analytical journey.

Following the presentation, a 10-minute individual reflection period was allocated. During this time, participants were tasked with analyzing the presented problem, identifying its root causes, and proposing plausible solutions. Each student then had the opportunity to articulate their unique analyses, contributing to a diverse exploration of potential solutions.

A 20-minute group discussion followed the individual reflection period. This collaborative segment allowed participants to explore diverse perspectives and collectively agree upon the most effective solutions. The dynamics of these group discussions not only encouraged teamwork but also deepened the understanding of how varied viewpoints contribute to comprehensive problem-solving strategies.

The pinnacle of the workshop was reached with a personalized interview session for each student. Here, faculty members rigorously assessed participants based on a range of criteria, aiming to ensure a thorough evaluation of individual problem-solving abilities, analytical skills, and effective communication. The personalized nature of the interviews added an extra layer of depth to the evaluation process.

As the workshop gracefully concluded, certificates were thoughtfully distributed to both the diligent attendees and the dedicated faculty members. This symbolic gesture marked the successful culmination of an enriching and skill-enhancing experience.

In summary, the workshop not only provided a structured and immersive platform for students but also equipped them with invaluable skills and diverse perspectives. Empowered with these newfound abilities, participants are well-prepared to confidently tackle real-world challenges in their academic and professional journeys. The workshop stands as a testament to the commitment of DRDO in fostering a culture of continuous learning and innovative problem-solving within the academic community.

Furthermore, the success of this workshop extends beyond its immediate impact on participants. By integrating psychological assessment tools into problem-solving methodologies, DRDO has set a precedent for fostering interdisciplinary approaches within engineering education. This initiative not only enhances the technical prowess of students but also underscores the importance of holistic development in preparing future innovators and leaders. As participants carry forward the lessons learned from this workshop into their academic pursuits and eventual careers, they will undoubtedly contribute to the advancement of not only their respective fields but also to the broader landscape of scientific and technological innovation.





MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY
 Department of Electronics and Communication Engineering
 Department of Electrical and Electronics Engineering
 &
DRDO(Defence Research and Development Organization)
 organizes

WORKSHOP
 on
**PROBLEM SOLVING APPROACH BASED ON
 PSYCHOLOGICAL ASSESSMENT TOOL**

📅 12th March 2024
 🕒 10:00 AM
 📍 Computer Centre, MAIT

EXPERTS

Dr. Nity Sharma
 Scientist E

Dr. Sandhya Verma
 Scientist E

FACULTY COORDINATOR
 Dr. Anubha Goel
 Ms. Poonam Juneja

Dr. NAND KISHORE GARG
 Founder Chairman
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