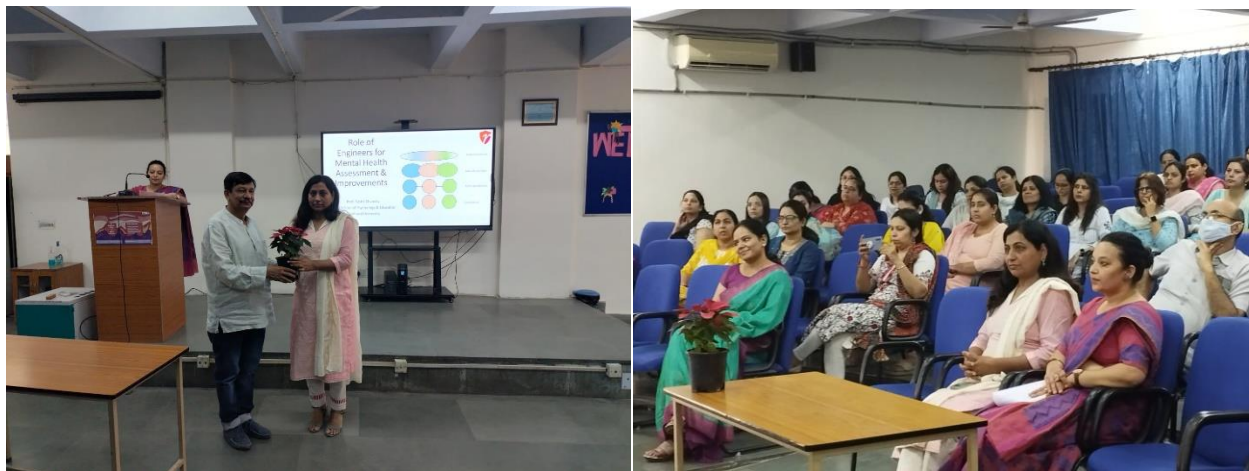


## **Report on the Expert Talk on “Role of Engineers for Mental Health Assessment and Improvements” by Dr. Sushil Chandra, Dean and Professor, School of Psychology and Education, Rishihood University**

On November 6th, 2023, the ECE department of Maharaja Surajmal Institute of Technology (MSIT) organized an expert talk on “Role of Engineers for Mental Health Assessment and Improvements” by Dr. Sushil Chandra, one of the eminent retired scientist from DRDO and currently working as Dean and Professor, School of Psychology and Education, Rishihood University. The event was held in seminar hall 206 and was attended by faculty members from the ECE department and other departments of MSIT.

The event started with floral welcome by Prof. Archana Balyan, Director MSIT and an introduction of Prof. (Dr.) Sushil Chandra. Dr. Chandra is an eminent expert in the field of mental health and engineering. He has over 35 years of experience in the field and has published several research papers in top journals and conferences. He is also the author of several books on mental health and engineering.



In his talk, Dr. Chandra discussed the vital role that engineers can play in the assessment and improvement of mental health using Virtual Reality (VR), Augmented Reality (AR), Artificial Intelligence (AI), and various modern tools and techniques for signal and image acquisition and processing. He highlighted the increasing prevalence of mental health issues in today's fast-paced and technology-driven world and explained how engineers can develop innovative tools and solutions to address these challenges.

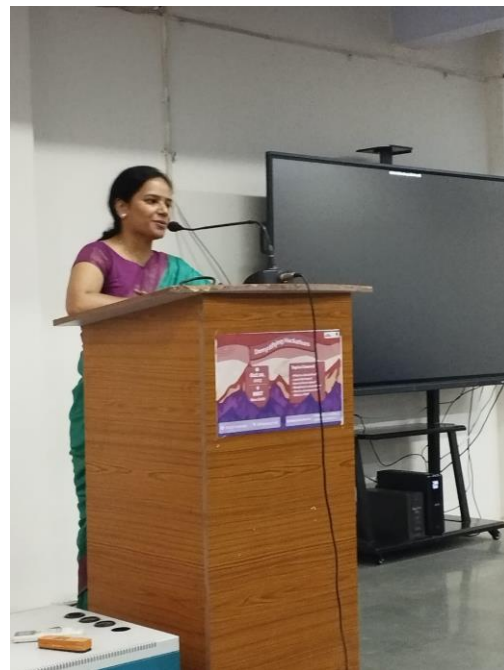
Dr. Chandra also encouraged faculty members to submit projects for funding from government institutions to support their research and development work in the area of mental health engineering. He stressed the importance of interdisciplinary collaboration between engineers and psychologists in developing effective solutions to address mental health problems.

The talk was well-received by the audience and generated a lively discussion on the various ways in which engineers can contribute to the improvement of mental health.

Here are some of the key takeaways from the expert talk:

- Engineers can play a vital role in the assessment and improvement of mental health using VR, AR, AI, and various modern tools and techniques for signal and image acquisition and processing.
- Mental health issues are becoming increasingly prevalent in today's fast-paced and technology-driven world.
- Faculty members, with their technical expertise, can make significant contributions to the field of mental health engineering through the development of innovative tools and solutions.
- Faculty members can submit projects for funding from government institutions to support their research and development work in the area of mental health engineering.
- Interdisciplinary collaboration between engineers and psychologists is essential for developing effective solutions to address mental health problems.

Overall, the expert talk was a valuable learning experience for the faculty members of MSIT. It provided them with insights into the latest trends and developments in the field of mental health engineering and inspired them to explore ways in which they can contribute to this important area.



The event ended with vote of Thanks by Prof. Neeru Rathee, HOD ECE.