**Report on "Journal Club Presentation"**

**By**

**Department of Bioengineering**

The first presentation of the Journal Club of the department of bioengineering was organized on **30/09/2022 at 10:30 A.M.,**Hall 3 of the Central Auditorium of the University. The presentation was given by **Dr. Khwaja Osama**, Assistant Professor, Department of Bioengineering. He presented a research paper entitled **“Machine learning for temperature prediction in food pallets along a cold chain: Comparison between synthetic and experimental training dataset,”** published in the **Journal of Food Engineering in 2022**. The paper compared experimental and synthetic training data for developing neural network models to predict the temperatures of apples in a food cold chain. **Dr. Feroz Khan, Principal Scientist, CSIR-CIMAP, was present as the external expert. Dr. T Usmani, Dean, Faculty of Engineering, Dr. Alvina Farooqui, Head Department of Bioengineering, Prof Iffat Zareen Ahmad, Chairperson of the Journal Club, faculty members, and Ph.D. scholars were present at the event.**

The program started with the presentation of the research paper by Dr. Khwaja Osama. He discussed the methodology and the results of the research paper. The question-and-answer session followed this. Faculty members and the research scholars asked various questions about the research article.

**Dr. T. Usmani**, Dean, Faculty of Engineering & Doctoral Studies, Integral University, addressed the audience and congratulated the department of Bioengineering for taking the initiative of starting the Journal Club. He explained the importance of research discussions in such forums.

**Dr. Feroz Khan**, Principal Scientist, CSIR-CIMAP, also addressed the audience. He congratulated the Department of Bioengineering and Integral University for starting the Journal Club. He encouraged Ph.D. scholars to participate in research on such platforms. Dr. Feroz also shared his experience and answered some questions of the research scholars. He gave tips for choosing machine learning models during research.

**Prof Iffat Zareen Ahmad**, Chairperson, Journal Club, gave the vote of thanks. The program ended with felicitating the external expert Dr. Feroz Khan.

Some glimpse of event -



