Juit Security of INFORMATION RECHNOLOGY

Department of

Electronics and Communication Engineering



Jaypee University of Information Technology Waknaghat

Event Report: Session-4

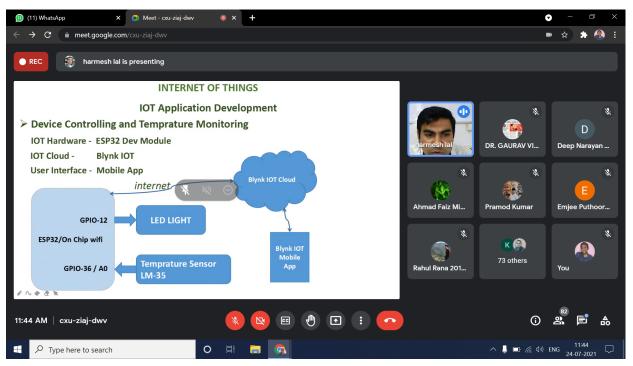
24th July, 2021

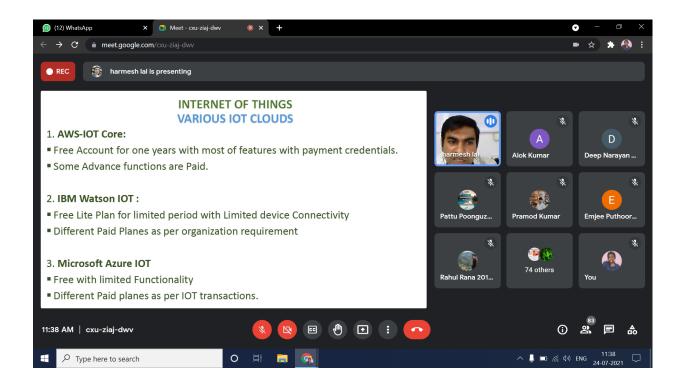
Department of Electronics and Communication Engineering of Jaypee University of Information Technology, Solan organized the fourth session of "Workshop on Industrial Revolution 4.0" on 24th July 2021. The topic of the fourth session was "Development of IOT Applications" delivered by our honourable speaker Mr. Harmesh Lal, Director, Embsoft Products research and development(LLP).

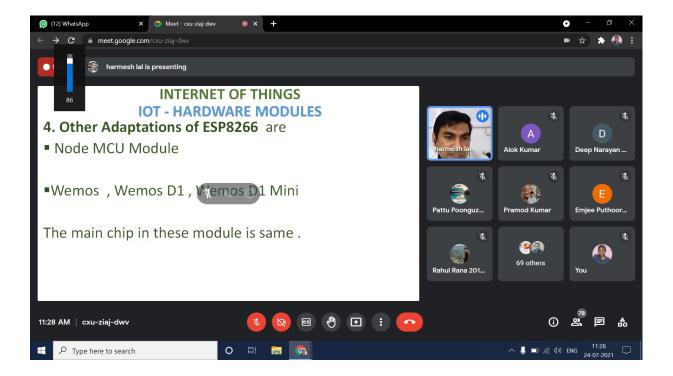


Dr. Shweta Pandit, Assistant Professor, Department of Electronics and Communication Engineering welcomed the speaker and gave a brief introduction of his achievements. Mr. Harmesh Lal explained the development of the IOT applications in day to day life. He continued explaining its applications, how it is designed and used nowadays in every field. He also explained the IOT hardware modules like Rasberry pi, simplelink WI-FI CC3200 Lauchpad etc. and also about the various IOT clouds in Industry 4.0 'The Fourth Industrial Revolution'. He broadly explains about the development of IOT applications in various fields.

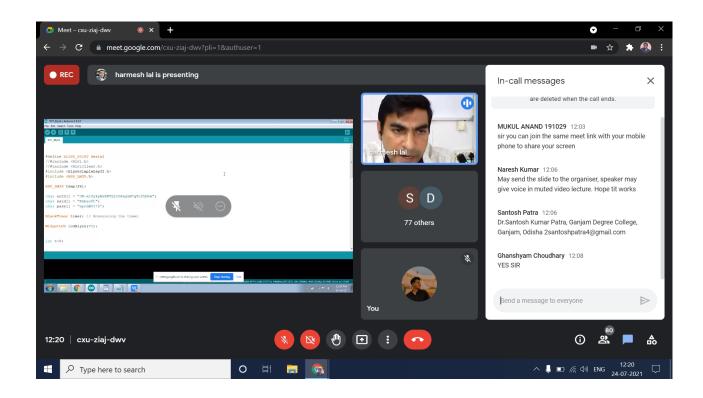


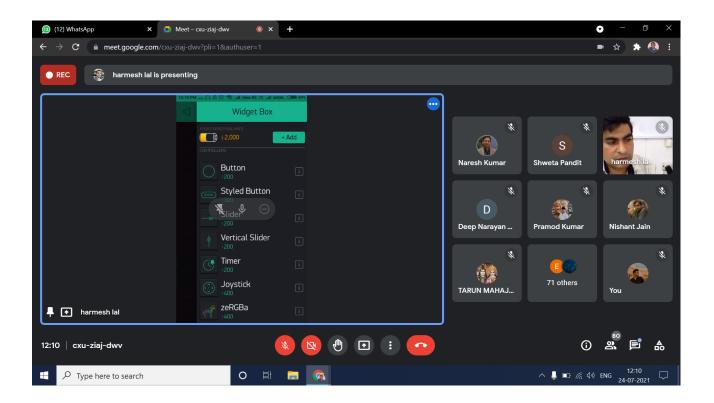




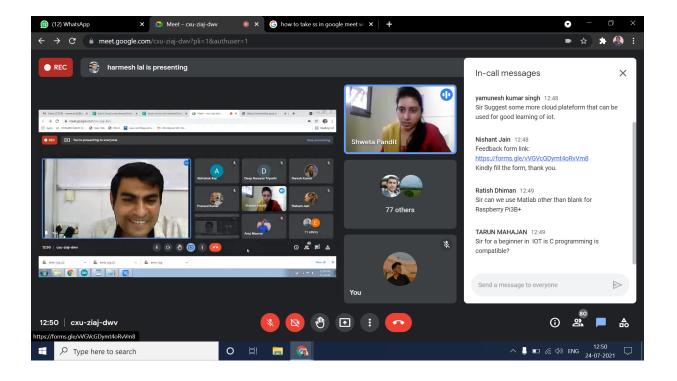


He demonstrated how one may develop a simple IoT system using Arduino and Blynk App. In the demonstration he explained how one may write a code in Arduino and can create the required GUI on Blynk App. Thereafter he, with the help of Dr. Shweta demonstrated that the LED light present in his room can be controlled by Dr. Shweta sitting in the University.









In the conclusion , the several doubts were cleared and developed immense interest in the applications. Several queries raised by the participants were answered and developed immense interest in various fields and applications. The session was worthy and taught a lot of things. In the conclusion , the several doubts were cleared and developed immense interest in the applications. The session was worthy and taught a lot of things. Two hour session on the development of IOT applications helped the participants to gain a lot of knowledge in this field.

