3D PRINTING WORKSHOP

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The Department of Computer Science Engineering (IoT & Cybersecurity, including Blockchain Technology) at PA College of Engineering, in collaboration with the ICSB Club and the Embed Club, organized a workshop on 3D printing on 26th October 2024. The event aimed to provide students with hands-on experience and practical knowledge in the rapidly advancing field of 3D printing, enhancing their technical skills and creativity. The event was successfully coordinated by our HOD, Dr. Shamna N V, with the support of staff coordinators Prof. Afeefa Nazneen N.Z, Prof. Seetha Das V, and Mrs. Meghashree.

The workshop was led by resource persons Abdul Kader Suhair Afran, Fathima Riza K.K, and Zulfa Mariyam Sharfuddeen, who introduced participants to the fundamentals of 3D printing. They provided insights into the evolution of 3D printing technology, tracing its origins back to the invention of stereolithography in the 1980s and its journey into becoming an essential tool across various industries. The session explained the complete 3D printing process, from designing models using computer-aided design software to the layer-by-layer material deposition that brings digital designs to life. The resource persons also discussed the diverse applications of 3D printing in fields like healthcare, aerospace, automotive, and consumer products, emphasizing its role in rapid prototyping and personalized manufacturing.

Held from 1:00 PM to 3:30 PM, the event attracted many students eager to learn about this innovative technology. Practical demonstrations and interactive discussions allowed attendees to gain hands-on experience, enhancing their understanding of both the technical aspects and potential of 3D printing.

The 3D Printing Workshop was a well-executed event that provided participants with valuable foundational knowledge and skills in 3D printing. Thanks to the combined efforts of the HOD, faculty members, and coordinators from ICSB and Embed Club, the workshop offered an enriching learning experience. The department remains committed to organizing similar events that equip students with cutting-edge skills and foster innovative learning.