



POORNIMA UNIVERSITY

INTERACTIVE SESSION ON '3D PRINTING AND ITS SCOPE'

January 28, 2016

Poornima University, Jaipur organized an interactive session on the topic '**3D Printing and its Scope**' on January 27, 2016. The Guest of Honor invited to take the session was **Ms. Claire Gutermuth** who is working with the ISHWAR Institute of Prosthetics and Orthotics in New Delhi. The session began with the **Tilak Ceremony** and felicitation of Ms. Gutermuth by **Dr. Shilpi Saxena**, Dean (School of Basic and Applied Sciences), Poornima University.

Ms. Gutermuth addressed a crowd of approximately 145 students of Mechanical Engineering students of the university. She discussed with the students, **Design Thinking, 3D printing, and how it is done and what are its various applications and scope in the industry**. An interactive activity planned by Ms. Claire was organized in which the students were paired. The activity was on the Redesigning of gift giving experience for a partner by gaining empathy. It was followed by interview among partners, deep digging, reframing of the problem by capturing goals, wishes and insights. Lastly, generation of alternative crazy ideas to meet the user's needs was done.

Students enthusiastically put up queries and questions like industrial application of 3D printing, steps to design thinking, use of 3-D printer for human organs, different design processes etc. which were answered by her in a very effective manner. After a successful interactive session with the students, a visit to Mechanical Department Laboratories like Fluid Mechanics, I.C. Engine, Production lab, Workshop, etc. was organized. She was impressed by the 100 kW Rooftop Solar Power plant installed in the campus premises. Various projects made by the university students were demonstrated including E-rickshaw, desert cooler, formula car, etc. Hence, aesthetics and ergonomical sectors of design were discussed. Concluding the visit, Dr. K.K.S. Bhatia, President, Poornima University and Dr. Manoj

Gupta, Provost, Poornima University had a meeting with Ms. Claire Gutermuth.

