

Brief Report of Online Value-Added Course on  
**PRODUCT DESIGN USING MODERN TOOLS**

From 5<sup>th</sup> JULY 2021 to 14<sup>th</sup> AUGUST 2021

Organized by the Department of Mechanical Engineering, Integral University,  
Lucknow.

The Department of Mechanical Engineering, Integral University, Lucknow, organized an online Value-Added Course (VAC) on “PRODUCT DESIGN USING MODERN TOOLS” for the students of Integral University, Lucknow. The 5-week online value-added course with 30-hours of active engagement was organized from July 5, 2021, to August 14, 2021, on Integral University LMS (ILI).

The course was aimed at guiding through Design Thinking. Design Thinking is a human centered approach to innovation that draws from the designer’s toolkit to integrate the needs of people, the possibilities of technology, and the requirements for business success. The course also focused on the User-Centric approach of design research and methods for working on an appropriate solution for a problem space and the use of modern software like Solid Works and ANSYS along with their applications in the industry.

The Value-Added Course was conducted under the guidance of Prof. (Dr.) P. K. Bharti, Head of the Department and it was coordinated by Dr. Mohd Anas, Associate Professor, Dr. Mohd Reyaz-Ur-Rahim, Assistant Professor, Mr. Kamran Rasheed, Assistant Professor, and Mr. Mohd Nawaz Khan, Assistant Professor. The course was designed for UG and PG Students for all streams of education.

