



Boot Camp on Innovative Product Design

By Autodesk Fusion 360®



3rd October – 7th October 2022

The MNIT CAM Society aimed to encourage creativity by organizing an "Interactive Offline Workshop" and a product development competition using **Autodesk Fusion 360®**. The event was open to second-year B.Tech students and first-year M.Tech students. The initiative was well received by the students, with nearly 64 registering for the workshop, and 37 students advancing to the final stage of the boot camp. The students showed great enthusiasm for the program.

The objective of this five-day workshop is to introduce students to the CAD/CAM software, with a particular focus on the Sketching and 3D modelling module using **Autodesk Fusion 360®**. The program aims to inspire students to explore the capabilities of the design software and unleash their creativity by developing innovative designs.

The workshop was coordinated by the members (volunteers) of the MNIT CAM Society (www.camsociety.in) under the guidance of **Dr. Harlal Singh Mali (Faculty Coordinator)**, MNIT CAM Society members including Fusion360® student experts: **Ananya Maheshwari, Mohit Khemchandani, Chirayu Rankawat, Abhinandan Tailor, Devansh Garg, Shailesh Suthar, Trisha Goyal, Vikash Kumar, Yash Salve, Raghav Garg, Mansi Choudhary, Vaishnav Pratap, Ishan Gupta, Dhruv Saxena** contributed in the teaching-learning process of this tool.

The first day of the program was dedicated to introducing the students to the user interface of Fusion360® and teaching them the fundamental commands used for 2D sketching. On this day, the students were also instructed on the essential commands necessary for 3D modeling on the software. On the second day, the focus shifted to the sketching and 3D modeling module. The students were given assignments to practice what they learned during the sessions. After the workshop, the students submitted their solutions for evaluation.

After the first two days, the next two days of the program were dedicated to hands-on practice using the Fusion 360 software. During this time, students had the opportunity to apply the concepts they had learned in the workshop and seek clarification on any doubts they had. The program concluded with the launch of a problem statement. The problem statement required the students to design and develop an innovative product, and they were provided with guidance and support until the final submission.

Based on the feedback received and the solutions submitted by the participants, it is clear that the boot camp was a success. The students gained valuable knowledge about the software and how to use it to express their creativity. MNIT CAM Society plans to continue organizing workshops, competitions, boot camps, and other similar activities to promote creativity and innovation among the student community. (www.camsociety.in)

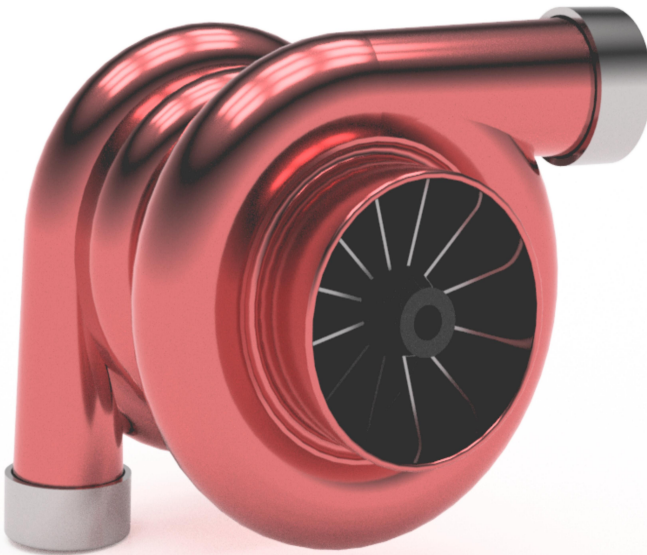
Workshop Poster



Faculty Coordinator

Dr. Harlal Singh Mali

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FUSION 360 WORKSHOP 2022

- Free student access to software
- Learn about CAD & CAM
- Offline Stepwise Demo
- Certification
- Hands-on Experience
- Prizes

Student Co-ordinator
Dhruv 6375843618
Mansi 9982199112

3rd - 7th

OCTOBER

17:15 to 19:45
AT COMPUTER CENTER

REGISTER AT



Few Workshop Photographs

