B.S. Abdur Rahman

Crescent

Institute of Science & Technology
Deemed to be University u/s 3 of the UGC Act, 1956
GST Road, Vandalur, Chennai 600 048

Report on Second Online Workshop
"Design now workshop using Autodesk Fusion 360"

Presented by Mr. **Mohammed Shereef,**
Deputy Manager - Design Team, Training & Research
Chennai.
Date:04.12.2021|02.15 to 5:15 PM

Organized by
ICT ACADEMY (An Initiative of Government of India), State Government and Industry.

Coordinator	Speaker:
Mr.John Mathew, Placement coordinator, IIPC.	**Mr. Mohammed Shereef,** **Deputy Manager - Design Team, Training & Research**
Dr. K.Mohamed Bak, Asst Professor **Department of Mechanical Engineering** **School of Mechanical Sciences,** **BSA Crescent Institute of Science and Technology**	**ICT ACADEMY | An Initiative of Government of India, State Government and Industry** **ELCOT Complex, 2-7 Developed Plots, Industrial Estate,** **Perungudi, Chennai - 600 096, Tamil Nadu, India**

PREAMBLE

The second online workshop on "Design now workshop using Autodesk Fusion 360" was organized by ICT ACADEMY and the Department of Mechanical Engineering, BSAR Crescent Institute of Science and Technology. The presentation was delivered by Mr. Mohammed Shereef, Deputy Manager - Design Team, Training & Research, ICT Academy, Chennai. Around 22 students from the Mechanical Engineering department and faculty members participated in the workshop.

The students have practiced the following activities during the second day online workshop

Activity 1: Complete the self-learning courses from Autodesk design Academy

Activity 2: Fusion 360: Foundational Concepts

Activity 3: Introduction to 3D modeling for manufacturing

K.Mohamed Bak
Coordinator

HOD (Mech)
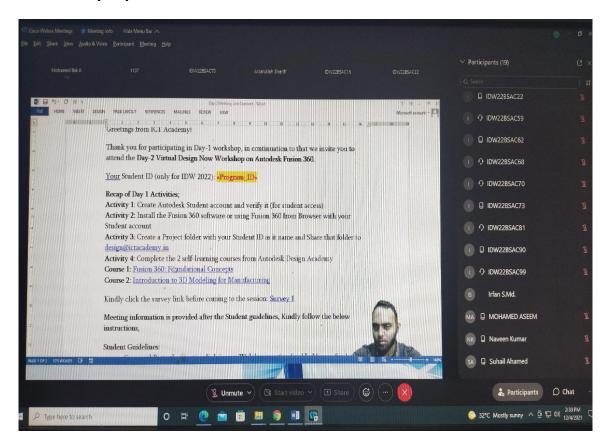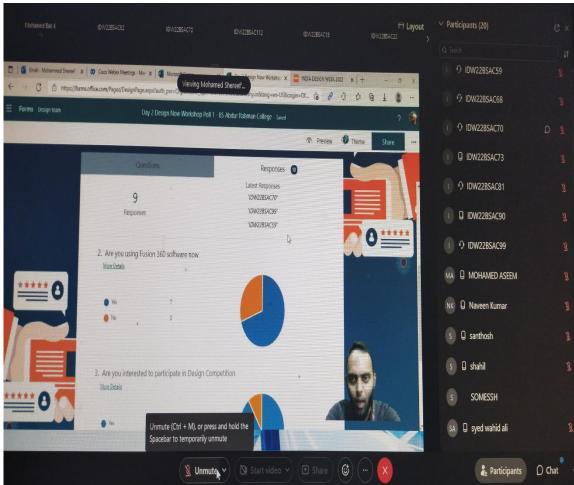
Attendees

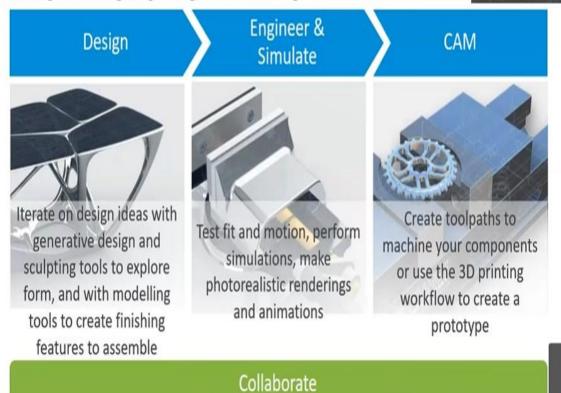| S.No	Student Name (FULL)	SEM / YEAR	Email- (college domain ID)
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Some sample presentations:

India Design Week 2022

➤ IDW 2022 is Product Design challenge

➤ Fusion 360 Software is a open source for the student community

➤ Objective of this Design Competition

- Opportunity for students to showcase their design skills by solving Design Challenges posted by Industry.

- Exposure towards use of advanced technology/design software to make designs more feasible and faster.

- Connect Industry and Academia to provide students with an opportunity to be mentored by Industry experts.

Fusion 360 - Integrated CAD, CAE, and CAM

Convergence of design, engineering, and manufacturing into a PRODUCT INNOVATION PL

Design	Engineer & Simulate	CAM
Iterate on design ideas with generative design and sculpting tools to explore form, and with modelling tools to create finishing features to assemble	Test fit and motion, perform simulations, make photorealistic renderings and animations	Create toolpaths to machine your components or use the 3D printing workflow to create a prototype

Collaborate