



GUJARAT TECHNOLOGICAL UNIVERSITY

(Established by Government of Gujarat under Gujarat Act No. : 20 of 2007)

ગુજરાત ટેકનોલોજીકલ યુનિવર્સિટી

(ગુજરાત સરકારના ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

No.: GTU/GIC/DIC/Course/2021/6165

Date: 27/10 / 2021

Circular

Autodesk Fusion 360 Monthly Open Design Challenge Under Design Innovation Centre

To,
Principals/Directors of Colleges affiliated to GTU

About Design Innovation Centre (DIC) – GTU:

GTU since its foundation in 2007, is striving to create, achieve and support the unique initiatives in design, innovation and entrepreneurship to build a holistic ecosystem by intervention of latest technologies. Considering its efforts in developing such ecosystem, MoE has awarded the grant to GTU for establishment of a full-fledged Design Innovation Centre (DIC) to promote, nurture and advance the culture of design, innovation, creative problem solving and entrepreneurship among young minds at GTU premises as Hub and other three institutes in Rajkot, Surat and Modasa as spokes to cover entire state. DIC would support Innovators in product design and development, prototype building through full-fledged FABLAB, mentorship and networking, IPR support, training and workshop, skill developments, fellowship and awards to best projects/solutions and co-working space.

About Autodesk Fusion:

Autodesk Fusion 360 is the first 3D CAD, CAM, and CAE tool of its kind. It connects your entire product development process in a single cloud-based platform that works on both Mac and PC. It can quickly iterate on design ideas with sculpting tools to explore form and modeling tools to create finishing features. Then perform simulations, create assemblies, make photorealistic renderings and animations. Finally, create tool paths to machine your components or use the 3D printing workflow to create a prototype. Most importantly, Fusion 360, helps bring design teams together for collaborative product development.

About the Challenge:

The Education team at Autodesk is excited to bring you a series of inspirational design competitions to challenge your imagination. By participating in these exciting competitions, you



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can show off your skills, amaze your friends and family, and get the chance to win some fantastic prizes. Autodesk inspires young people to imagine design and create a better world through our extensive portfolio of design software and fun apps.

Explore our competitions and see where your creativity, combined with our tools, can take you. A monthly challenge program is initiated by (DIC)-GTU for the students to come forward and participate. This challenge will be held every month as a part of selection process of the Mega Challenge. **The winners of the monthly challenge will be awarded by the following:**

- Winner: Rs. 5000/-
- 1st runner up: Rs. 3000/-
- 2nd runner up: Rs. 1000/-

Design Criteria

- Download Fusion 360
- All challenge entries must be designed using Fusion 360.
- A snapshot of the design in the appropriate workspace is required for all entries. Please ensure that the timeline/design history is clearly visible.
- Still images, videos, and animated GIFs of the design are accepted.
- Complete all 6(six) Monthly Challenges to Enter the MEGA CHALLENGE

Eligibility

The competition is open for fulltime students enrolled under Undergraduate and Postgraduate courses (at the time of registrations and at the time of submissions the student has to be part of the college) of **Gujarat Technological University - GTU**. A student can participate as an individual only, Faculty members are encouraged to guide their student teams. In turn, the platform offers them excellent networking opportunities with global peers.

Evaluation Criteria

Evaluation Criteria	Weightage
Design Objective	10%
Design Process	10%
Creativity and Novelty of Design	30%
Autodesk Software Usage (Technology), Specific Software workflow	30%
Impact /User Experience/Presentation	20%



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Theme of Open Challenge

- Innovation in Consumer Goods - OCT'2021
- Innovation in Agriculture Product – Nov' 2021
- Innovation in Medical Equipment's – DEC'2021
- Innovation in Social Impact – JAN' 2021

Registration Criteria:

Participants who wish to participate must register to the following link:

Step 1: Go to GTU – DIC website <http://dic.gtu.ac.in/>

Step 2: Go to Open Challenge tab

Step 3: Register yourself


For any queries, kindly contact:

Event Coordinator: Prof. Raj Hakani, Asst. Professor, GTU

Email : dic@gtu.edu.in

Phone : 079 – 2326 7593/531




26/10/21
Registrar