Ref: GTU/CID-ODS/DE portal/2018/9098   Date: 15-12-2018

CIRCULAR

To,

Principals/Directors of BE Colleges affiliated to GTU

GTU – Centre for Industrial Design (Open Design School) tries to cope up with all latest trends in Design & Innovation, Entrepreneurship and Technological advancement. To achieve this, GTU has introduced Design Engineering (DE) subject which is based on Practical Based Learning (PBL) to acquire necessary industrial skill sets through Learning by Doing approach. GTU has prepared web portal to manage and coordinate the activities related to DE, so that all the stakeholders associated with the subject of DE would be connected and informed for all latest information about it. Also, GTU appreciates the efforts of all the stakeholders to implement DE subject using this portal and adhering to timeline for all the activities mentioned in the guidelines.

We wish that all affiliated degree engineering colleges of GTU should take maximum benefit of the portal and join hands in building Digital India in true sense. All colleges have to complete the below mentioned activities in Annexure 1 as per the schedule.

Kindly visit the Design Engineering web portal at: http://www.de.gtu.ac.in.

For any queries related to **DE portal**, please connect with us at: designprojects@gtu.edu.in .

For any queries related to **DE subject and feedback**, please connect with us at: design@gtu.edu.in

Sd/-

(I/C) Registrar

To, Principals/Directors of Colleges affiliated to GTU

Copy to: (1) Centre for Industrial Design (Open Design School)

(2) GTU Innovation Council

Winners of: ICT Enabled University Award E-India - 2009 Manthan Award – 2009

Nr. Visat Three Roads, (Campus of Vishwakarma Government Engg. College & IIT, Gandhinagar), Sabarmati – Koba Highway, Chandkheda, Ahmedabad-382424. Gujarat, India. Tele: 079-23267500 E-mail : **registrar@gtu.ac.in**
URL : **www.gtu.ac.in**

Instruction for all BE colleges affiliated to GTU:

1. Registration for Student Team, Faculty member/Guide and Design Coordinator is open for this Summer 2019 (Even) semester on the DE portal at http://www.de.gtu.ac.in. (Note: To guide Design Engineering projects, faculty member must be trained at the FDP organized by GTU). With new project, student may make newer team and there is no limitation on number of team members allowed, but guide needs to ensure involvement of each team member and have equal amount of work in the project.
   a. Students of **4th semester** need to take new project other than 3rd semester project, so they need to enter new project details of 4th semester. The project topic is branch specific using Reverse Engineering methodology. For more details, kindly refer 4th semester module guidelines available on DE portal under academic tab.
   b. Students of **6th semester** can continue their 5th semester project, so do not need to enter details again. But who are taking new project (Only if 5th semester project is completed and allowed by their HOD/Guide) in 6th semester, need to enter new project details. For more details, kindly refer 6th semester module guidelines available on DE portal under academic tab.
2. Each College also needs to assign one Design Coordinator (one per college, not branch wise) who is trained at the FDP organized by GTU, for managing and coordinating the activities related to DE. Design Coordinator also need to register on DE portal. Design Coordinator will be the only point of contact with GTU Design Team for any queries or suggestions. He/she will be responsible for the student's progress for Design Engineering projects as per timeline/schedule.
3. We will soon announce the Zonal/Squad team for DE approved by GTU authority. The Zonal/Squad team will be responsible for entire zone level activities related to DE.
4. All the guidelines, circular, latest news related to DE are and will be available on portal.
5. Study material, canvases and other formats are also available on this portal for DE subject. We timely update the study material and formats as per the requirements and new developments, so all stakeholders are advised to visit the portal frequently for latest information and update.
6. Design Engineering related blog will be started soon for better understanding on the subject. If anyone finds the good material, blog, case study, news etc related to DE, please send to us on design@gtu.edu.in and we will update it on portal for everyone to use.
7. Colleges need to send us the reports of events, case studies, achievements in relation with DE to be uploaded on DE portal.
8. Every college need to strictly adhere to below schedule for DE related activities as Even semester in AY 2018-19 starting from 17th December 2018 to 16th April 2019.

For 4th Semester:

For 4th Semester:

Task	Activity related to DE for AY 2018-19 (Summer 2019/Even Semester)	Timeline
2	Registration for Team/Guide/DE Coordinator	Till 5th January, 2019
3	Problem Definition/Project title	Till 30th January, 2019
	3.1 Domain selection	
	3.2 Reverse Engineering	
	3.3 Observation	
	3.4 Empathy Canvas – Mind Mapping	
	3.5 Prior Art Search (PAS)	
4	Ideation (Canvas, PAS)	Till 20th February, 2019
5	Product Development Canvas (PDC) & User Feedback	Till 10th March, 2019
	5.1 Learning Needs Matrix (LNM)	
6	Rough Prototyping & Iteration	Till 30th March, 2019
7	Report Submission, Plagiarism check and Generation of project certificate	Till 05th April, 2019

For 6th Semester:

Task	Activity related to DE for AY 2018-19 (Summer 2019/Even Semester)	Timeline
2	Team Registration (If new project)	Till 5th January, 2019
3	Problem Definition/Project title (If new project)	Till 30th January, 2019
	3.1 Domain selection	
	3.2 Observation	
	3.3 Empathy Canvas – Mind Mapping	
	3.4 Prior Art Search (PAS)	
4	Ideation (Canvas, PAS)	Till 20th February, 2019
5	Product Development Canvas (PDC) & User Feedback	Till 10th March, 2019
	5.1 Learning Needs Matrix (LNM) & Detail design	
	5.2 Design Calculation	
	5.3 Detail Design (Various considerations/aspects as mentioned in course guidelines of 6th semester)	
6	Working model: Prototyping, Iteration, Testing	Till 30th March, 2019
7	Report Submission, Plagiarism check and Generation of project certificate	Till 05th April, 2019

Note: Students who are continuing their 5th semester project to 6th semester, they will directly start working from Ideation or Product Development phase (where they left their work in 5th sem) till working model as per above schedule and guidelines of DE-2B.

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