

GOVERNMENT OF TELANGANA
DEPARTMENT OF TECHNICAL EDUCATION

OFFICE OF THE
COMMISSIONER OF TECHNICAL EDUCATION
TELANGANA :: HYDERABAD

Sub: Technical Education – T & P Section – “Fusion 360” – Online Faculty Development Program by TASK for the faculty of Government Polytechnics in Telangana – Request – Reg.

Ref: Mail received from Sheeba Rani. I, Sr. Executive Training Delivery, TASK, Begumpet, Hyderabad, Dated: 23.11.2020.

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With reference to the above cited, the Principals of all Government Polytechnics under the control of this Department are informed that, TASK is conducting (05) days online Faculty Development Program “Fusion 360”. The proposed schedule of Training Programme is from **07.12.2020 to 11.12.2020**. The Last date of registration for this program is **03.12.2020**. The faculty from Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering and Automobile Engineering branches are eligible to attend the FDP on Fusion 360.

In this connection, the Principals of all Government Polytechnics are hereby informed that, the faculty who are attending the course can fill their details through the following link: <https://forms.gle/g5xaaZfpJKbdA1eh8> (The details of the course and the pre-requisites is enclosed). A copy of online submitted nominations of “Fusion 360” can be sent to this office through this mail adtrg.ts@gmail.com.

The receipt of this memo shall be acknowledged.

(This has the approval of the CTE, Telangana)

Signature Not Verified
Digitally signed by A. LUTI PULLAIAH
Date: 2020.11.25 17:37:42 IST
Reason: Approved

For COMMISSIONER

To
The Principals of all Govt. Polytechnics under control of the Department of Technical Education, Telangana.
The Secretary, SBTET, T.S., Hyderabad.

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AD TRAINING DTE, TS <adtrg.ts@gmail.com>

FDP on Fusion 360

1 message

Sheeba <ps_cr_task@telangana.gov.in>

Mon, Nov 23, 2020 at 4:18 PM

To: adtrg ts <adtrg.ts@gmail.com>

Cc: Ravi Paritala <pmgr_sd_task@telangana.gov.in>, Ramesh <director-ar-task@telangana.gov.in>, Sugunakar Koduri <srtr1-task@telangana.gov.in>

Dear Ms.Arundhati,

This is in regard with the Fusion 360 FDP that has been on hold.

We from TASK have initiated this FDP exclusively for faculty from Polytechnic Colleges of Telangana State and the first proposed dates were 17th to 21st Aug 2020 or 24th to 28th Aug 2020. Since these dates couldn't work out, we further asked you to propose dates to conduct the FDP in the month of Oct 2020. We mutually agreed for the dates from 19th to 23rd Oct 2020 and opened the registrations for the faculty to register for the FDP.

Since there were only 14 registration till one day before the start date of the FDP, we postponed the same with an intention to conduct it when we have more registrations.

Even after follow up from your end and from our end there has been no improvement in the registrations. Hence without any delay we shall go ahead and conduct the FDP at least for the faculty who are registered.

Till date we have 15 registrations. **We would like to propose two possible dates for the FDP now i.e 1st to 5th Dec 2020 and 7th to 11th Dec 2020.**

We request you to finalise one amongst the above so we can create a virtual training link from our end and communicate the same to the faculty.

Below are the details of the FDP.

FDP on Fusion 360**No of Days : 5 Days****No of Hours : 3 Hours****Mode of Training : Virtual****Eligible Branches: Civil Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Automobile Engineering****Timings : 11AM to 2PM****Instructors : Ms.Rajitha Reddy, Sr.Technical Trainer, TASK****Mr.Shaju Kumar Nimmakuri, Technical Trainer, TASK**Registration Link: <https://forms.gle/g5xaaZfpJKbdA1eh8>

Attached is the course Content for your reference once again.

We request you to finalise the dates as early as possible and ensure that all the 15 faculty who have registered attend the FDP without fail.

Thanks & Regards

Sheeba Rani I

Sr.Executive Training Delivery

Telangana Academy for Skill and Knowledge

1st Floor, Ashoka Raghupathy Chambers,

Opp. Shoppers Stop, SP Road,

Secunderabad - 16

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Autodesk Fusion 360 - Course Content.doc

61K

Course Title: - FUSION 360

Duration: - 3 Days for an in class Training.

5 Days 3Hours for a Virtual Training

Pre-requisites: - Should be familiar with AutoCAD Basics

Requirements: -

- Laptop/Desktop (Microsoft Windows 10) with latest version of FUSION 360 installed
- Recommended to use 64bit operating system with 8GB RAM (Minimum 4GB is highly recommended)
- Apple® macOS™ Catalina 10.15; Mojave v10.14; High Sierra v10.13
- Dedicated GPU with 4 GB or more VRAM, DirectX 12 supported

Course content: -

- **Getting Started**

- Introducing Autodesk Fusion 360
- Introducing 3D Modeling
- Installing Fusion 360
- Starting Autodesk Fusion 360
- Accessing the Help and Communication Center
- Learning the Fusion 360 Interface
- Understanding Workspaces
- Introducing the Browser
- Using the Ribbon
- Locating Commands in the User Interface
- Navigating with the View-Cube

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- Navigating the Model
- Adjusting the Visual Styles
- Adjusting the Environment and Effects
- Understanding Projects
- Uploading Files to Fusion
- Using A360 to Copy and Move Files
- Setting Your Preferences
- Setting Active Units
- Using Keyboard Shortcuts
- **SKETCHING**
 - Sketch Creation
 - Create Dimensions
 - Constraint Selection and creation
 - Edit a Sketch
 - Project Edges
 - Edit a Sketch
- **DRAWING**
 - Creating a Drawing View, Base, Projected, Section, Detail
 - Add Annotations
 - Edit a created view
 - Edit Border and title block
- **SCULPT**
 - Create a Form

- Edit a Form
- Thicken a Form
- **DIRECT MODELLING**
 - Feature Deletion
 - Press and Pull Tool
- **ASSEMBLY MODELLING**
 - Create and Manage Top Level Assembly and Subassemblies
 - Create a Component from a body
 - Align and Assembly of Joints
 - Interference
 - Rigid Groups
 - Motion Studies
- **ADVANCED MODELLING**
 - Sweep and Loft
 - Boundary Fill
 - Split and Combine bodies
- **PART MODELING**
 - Create extrude features
 - Apply Fillets and Chamfers
 - Create complex hole features
 - Create revolve features
 - Create a pattern of features
 - Create a shell feature
 - Create Construction Planes and Axes
 - Inspect command; measure, and section analysis

