



## DEPARTMENT OF MECHANICAL ENGINEERING

### Summary sheet of add on course conducted academic year :: (2022-23)

S.No	Name of the event	Type of the event	Resource person details	Number of participants	date
11	Introduction to FUSION 360	add on course	N.CHANDRA SEKHARA RAO	56	18-04-2022 to 23-04-2022

#### 1. Introduction to FUSION 360

**CHIEF PATRON**  
**Dr.K.Ramaiah**  
Secretary & Correspondent  
Prakasam Engineering college Kandukur

**PATRON**  
**DrCh. RAVI KUMAR M.Tech.,Ph.D**  
Principal  
Prakasam Engineering college Kandukur

**CONVENER**  
**Dr.G.V.PUNNARAO M.Tech.,Ph.D**  
Head of Department.  
Department of Mechanical Engineering  
Prakasam Engineering college,Kandukur

**Co-Ordinator**  
**Dr. K.Singalah**  
Associate Professor.

**PRAKASAM**  
ENGINEERING COLLEGE  
Approved by AICTE, New Delhi | Affiliated by JNTU-Kakinada

**Value Added Course**  
ON  
VAC006 – FUSION 360  
18-04-2022 to 23-04-2022  
Organized by  
Department of Mechanical Engineering

**venue: B2/F1/1/MECH-1**

**For any details, please contact**  
Course in-charge  
Dr.K.Singalah M.Tech  
Associate Professor.  
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**COURSE OBJECTIVES**  
The Advanced Certification course in Creo (Pro-E) aims to train its students on how to use the Application in creating drawings and layouts of mechanical, aeronautical, machine, automotive and other relevant engineering areas. Upon completion of the course, the student would be able to make detailed projects. Learn Pro E course by TGC India in Delhi and Jaipur. Training is being imparted by working professionals.

**COURSE OUTCOMES (CO)**  
At the end of the course, student will be able to  
Sketching parts in 2D environment.  
Sketching parts in 3D environment.  
Constraints and measures to define a sketch.  
Create complex parts by creating and modifying multiple bodies

**EMENANT SPEAKER**  
**Mr.N.CHANDRASHEKAR**  
CITD, VIDYAWADA

**CONTENT**

- Fusion 360 Fundamentals Getting Started
- The Fusion 360 Interface Design Navigation & Display
- Design Units and Origin Quick Shape Creation
- Introduction to the Sketching Workflow, Sketch Constraints
- Extruding a Sketch Revolving a Sketch
- Additional Entity Types Editing Tool, Additional Dimension Tools
- Sketched Secondary Features Using Existing Geometry
- Sketching Parts in 2D environment.
- Sketching parts in 3D environment.
- Constraints and measures to define a sketch.
- Create complex parts by creating and modifying multiple bodies



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