



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

DASSAULT SYSTEMS: 3D EXPERIENCE

Dassault Systems and Andhra Pradesh State Skill Development Corporation (APSSDC) have signed a Memorandum of Understanding to set up a 3D EXPERIENCE center to make students industry ready in the field of Aerospace, Defence, Automotive, and Shipbuilding on the 3D EXPERIENCE platform with built-in industry solution experiences. Dassault systems Mind Box center in Mechanical Department was inaugurated by Sri Challa Madhusudhan Reddy on 10th October 2019.



Fig.1: Inauguration of Dassault Systems lab by Sri Challa Madhusudhan Reddy

3DEXPERIENCE DASSAULT SYSTEMS LAB

The 3DEXPERIENCE easy-to-use interface, it powers Industry Solution Experiences-based on 3D design, analysis, simulation, and intelligence software in a collaborative, interactive environment. It is available on premise and on cloud.

DELMIA, powered by the 3DEXPERIENCE platform, helps global businesses reimagine their engineering, operations, and planning for manufacturing excellence. DELMIA's portfolio of

enables you to transform operations. With DELMIA you can design and test in a simulated production environment.

ENOVIA powered by the 3DEXPERIENCE platform, enables you to plan your definition of success. With a broad portfolio of technical and business application, ENOVIA enables stakeholders across the enterprise to contribute to sustainable innovation.

SIMULIA applications accelerate the process of evaluating the performance, reliability and safety of materials and products before committing to physical properties.

CATIA powered by 3DEXPERIENCE platform, enables you to model 3-D part bodies, Assemblies, surfaces, shape designs and drafting of 3-D models.

The primary deliverables of the Dassault Systems Laboratory are as follows:

- To train the students with advanced training modules meeting Industry Standards.
- Specialized project oriented training module
- Industry specific training programs
- Placements and internship support for the students who have undergone the training.

Training programmes modules

Group A: CATIA, DELMIA, SIMULIA:150hrs

Group B: Domain oriented (Automotive/Aerospace/Ship Building):150hrs

Group C: Core training on specific chosen domain (plastics, sheet metal, systems engineering, ec.):150hrs

Group D: Project Based Learning (student will work on projects on chosen domain given by Dassault)