

## **DASSAULT SYSTEMS LAB**

Dassault Systems and Andhra Pradesh State Skill Development Corporation (APSSDC) have signed a Memorandum of Understanding to set up a 3DEXPERIENCE Center to make students industry ready in the field of Aerospace, Defense, Automotive, and Shipbuilding on the 3DEXPERIENCE platform with built-in industry solution experiences.

As per industry reports, the aerospace and defense industry in India is one of the fastest growing markets in the world with a significant push to indigenous manufacturing. Promoting self-reliance, indigenization and technology up-grades, achieving economies of scale and developing capabilities for exports requires that the talent is developed in-house at a rapid pace to meet the demand. The automotive industry that is witnessing major changes in the form of electric vehicles (EVs), shared mobility, and emission and safety norms have the potential to create 65 million additional jobs and contributing over 12% to India's GDP. In the marine and shipbuilding sector, there is also the requirement of a cost-effective & skilled manpower with the technical know-how. The 3DEXPERIENCE Center aims to meet these requirements for skilled manpower and facilitate employability to the youth in Andhra Pradesh.

The center will enhance the employability skills of the Engineering and Polytechnic (Diploma) students by making them industry-ready through skill enhancement and certification on the 3DEXPERIENCE platform. As part of experiential learning, the 3DEXPERIENCE platform would be made available to the students either on-premise or on the cloud so that they have first-hand knowledge of operating on the platform. The center will provide industry solution experience training leveraging virtual environment, which replicates the real world industry experience thus eliminating the industry access constraints faced by students. The center will provide tele-operated learning facility, where needed, to facilitate remote learning as well. The center will also act as an innovation hub for incubating start-ups and promoting start-up culture in the state of Andhra Pradesh.

The center has been set up as a step to foster innovation and help instill the start-up and research culture in the students as well act as a catalyst of growth by making world-class skilled professionals available to key growth sectors for the state and the country.

