



**Annamacharya Institute of Technology and Sciences, Tirupati  
(AUTONOMOUS)  
Department of Electronics and Communication Engineering**



**A Two Day Workshop on “PCB Design” During 25<sup>th</sup> – 26<sup>th</sup> November 2022**

A two day workshop on Printed Circuit Board Design was conducted by the department of ECE to the students of III B.Tech ECE on 25<sup>th</sup> – 26<sup>th</sup> November 2022. The workshop was organised with the resource persons from **“DataPoint Info Solutions-Hyderabad”**. The workshop is aimed to solder Components to the board onto metal pads, which are connected to the board circuitry. This allows components to be interconnected. A board can be composed of one, two, or multiple layers of circuitry. Circuit boards are built with a dielectric core material with poor electrical conducting properties to ensure pure circuitry transmission and interspaced with extra layers of metal and dielectric as needed. The

standard dielectric material used for circuit boards is a flame-resistant composite of woven fiber glass cloth and epoxy resin, known as FR-4, while the metal traces and planes for the circuitry are usually composed of copper. A total of 95 students have participated in the workshop.

HOD-ECE, DataPoint info Solutions Resource Persons at the Inaugural Session



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