



**PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
COIMBATORE – 641 062**

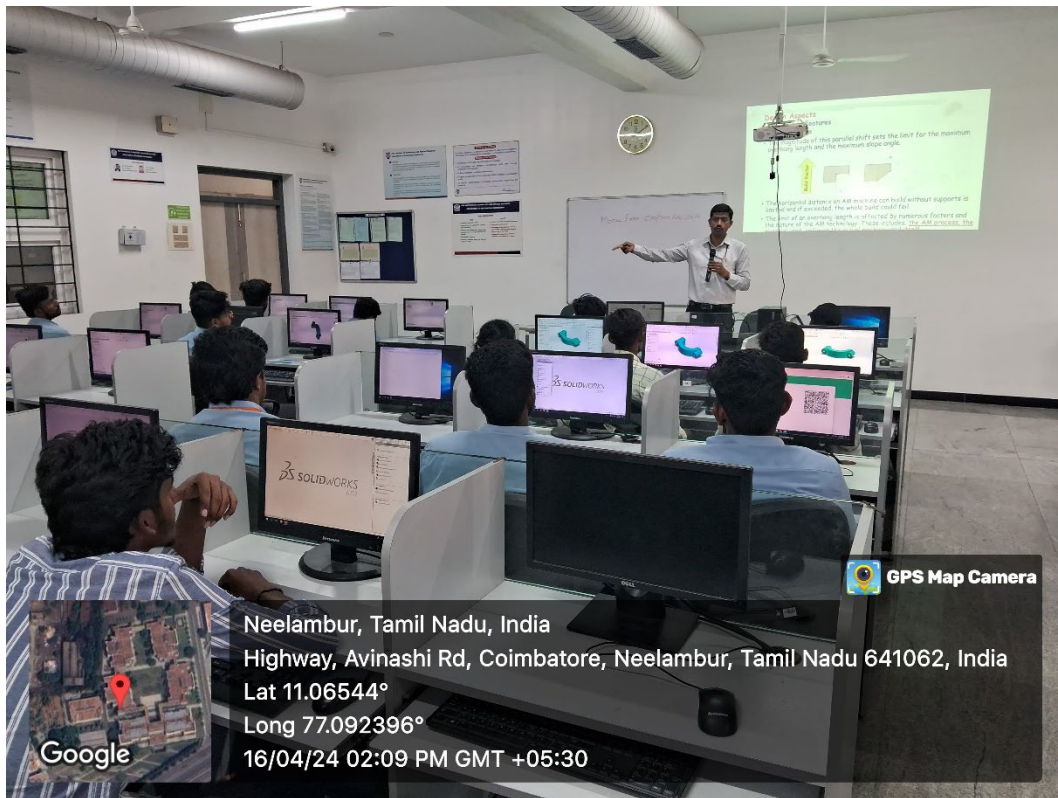
**Report on Workshop on IoT and Digital Manufacturing exclusively for the
PSNA College Students**

Date : 16th – 17th April, 2024 (2 Days)
**Venue : E6 Mechanical Seminar hall, CAD Lab, Fabrication and
Testing Laboratory**

On request from PSNA College of Engineering and Technology, Dindigul the Department of Mechanical Engineering has conducted workshop on **IoT and Digital Manufacturing** exclusively for the **3rd Year Mechanical Department Students of PSNA College**. **About 116 students attended the workshop in two batches. Dr Nagarjun J acted as Coordinator** for the Workshop and he also trained the participants **in the area of IoT and Industry 4.0**. The students were given **hands on exposure to 3D printing by Dr S Thirumalai kumaran and Mr B Jagadeesh**. During the course of the workshop students understood how the data is being transferred from sensors to cloud platforms and how the data is in turn retrieved from the cloud platform. Also, the students were trained to slice and build the solid model file, the pre requisite for 3D printing. Furthermore, the students were also introduced to the metal 3D printing by the faculty expert. The participants were awarded with certificates after the end of the programme.



Dr Nagarjun J addressing the participants in the topic of IoT and Digital Manufacturing on 16th April, 2024 at E6, Seminar Hall.



Dr Thirumalai Kumaran S providing hands-on training in slicing and building platforms, a pre requisite for 3D printing



Mr Anto Dilip A, demonstrating the participants on the extrusion of 3D Printing filaments



Faculty team of PSG iTech and PNSA College along with the student participants

A handwritten signature in blue ink, which appears to be 'Dr. Nagarjun J.'.

**Dr Nagarjun J
AP(Sl.Gr/Mech)**