



POORNIMA

COLLEGE OF ENGINEERING

Department of Mechanical Engineering

A Brief Report of Workshop on Manufacturing and Practices using CNC at CIPET

Department of Mechanical Engineering organized a **Workshop on Manufacturing and Practices using CNC** at CIPET (Central Institute of Plastics Engineering & Technology) Sitapura, Industrial Area, Jaipur, Rajasthan 302013, on January 23, 2018. CIPET deals in manufacturing of Plastic products and tooling. Central Institute of Plastics Engineering & Technology (CIPET) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai.

The main objective of this workshop was to make the students acquainted with Fundamentals and Applications of CNC along with Hands on Practices.

Total 39 students of Department visited the same. Mr. Amrendra Patra, the HOD welcomed the students. He explained about different types of machining process, manufacturing processes as well as basics of CNC, its type, advantage and limitations of CNC. Thereafter, they observed the machineries and technologies used for manufacturing different types of Plastic products by the help of Injection Molding.

All the students participated in this workshop with great enthusiasm. The students were given opportunity to handle different kinds of machines which includes:

- CNC lathe Machine.
- CNC Milling Machine.
- CNC EDM (Electrical discharge machining).
- Basic part programming based on G codes.

The workshop ended with the sharing of knowledge and experiences and it has been fruitful for the students.



