



## JAYA SAKTHI ENGINEERING COLLEGE

Thiruninravur – 602 024

### DEPARTMENT OF MECHANICAL ENGINEERING

#### CENTER OF EXCELLENCE

#### 3D PRINTING

The Centre of Excellence (CoE) for 3D printing, started in 10.04.2021 association with Metro Composite deals Polymer Composites research, product development Chennai, Tamil Nadu, India. This CoE is meant for providing fundamental knowledge on additive manufacturing process for the engineering students and practicing engineers from the industry and research establishment.

This CoE is closely working with different engineering industries and providing different design solution, based on their critical solution requirements. Our trainee students are allowed to undertake such challenging industrial design projects under the supervision of faculty members.

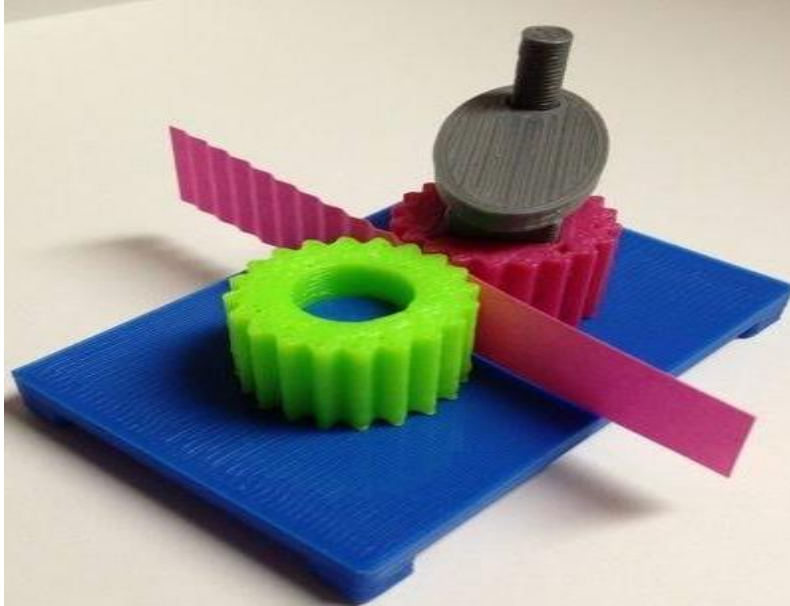
The applications of 3D Reverse Engineering technology is widely applied in different fields of engineering includes Architecture, Automotive, Aerospace; Ship building, Satellite modeling and further providing supports different Medical applications.



**3D PRINTER**



**3D MODEL OF HUMAN JAW & TRAIN GEAR DESIGNED BY STUDENTS**



**3D MODEL OF GEAR USED FOR WAVE FORMATION DESIGNED BY  
STUDENTS**

**Coordinator**

**Mr.J.Boopalan, ME.,**

**Asst Professor**

**Department of Mechanical Engineering  
JAYA SAKTHI ENGINEERING COLLEGE.**