



National Education Society (R)

**JAWAHARLAL NEHRU  
NATIONAL COLLEGE OF ENGINEERING, SHIMOGA**

## **MECHANICAL ENGINEERING**

### **Research Laboratories:**

The department has got the following research laboratories, where research activities are continuously carried out.

#### **5. Flexible Manufacturing System Laboratory**

The laboratory was established in the year 2014 at a cost of Rs.38 lakhs with financial support from AICTE grant under MODROBS scheme. The research facility has

1. CNC ACE CUB LM TURN CENTRE
2. YASKAWA ROBOT MOTOMAN W12

The robot is equipped with dual gripper and inspection camera for machine tending and quality check applications. The facility was established for the purpose of demonstrating robot working model for UG /PG students. Using this facility a number of UG & PG project works by students is carried out which contribute in enhancing research activities.

In this facility hands on training on CNC and robot programming is carried out for our students.