**Centurion University of Technology and Management, Paralakhemundi**

**Robotic Automation with ROS & C++ (CUTM 1020)**

**Assignment 1**

Q-Define degree of freedom

Q-Different types of links and robots

Q-what is coordinate system ?

Q-what is control system ?

Q-what is different types of kinematics ?

Q-what is six types robo ?

Q-what do you mean by different types of yo robo ?

Q-What do mean by sensors what it's types ?

Q-What is dht11 ?

Q-What is ultrasonic sensor?

Q-What is ir sensor?

Q-What is ln35 ?

Q-What is mq2 or gas sensor?

Q-What is soil moisture?

Q-What is accelerometer sensor or gyoro scope sensor?

Q-What is different types of different types of sensor?

Q-What do you mean by actuater like led, motor(dc motors , servo motor, pldc motors) and relay ?

Q-Basic components required for making robot

Q-what is bluetooth Module?