



SNS COLLEGE OF TECHNOLOGY



(An Autonomous Institution)

COIMBATORE-35

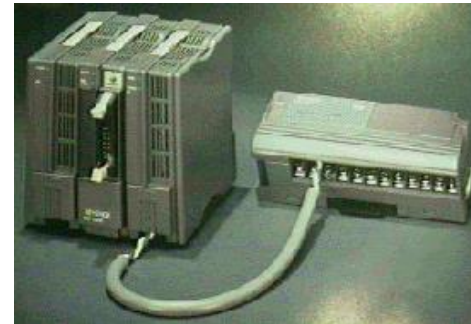
Accredited by NBA-AICTE and Accredited by NAAC – UGC with A++ Grade

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

UNIT IV: ROBOTICS IN INDUSTRY 4.0



TOPIC: **Automated mobile robots (AMRs)**







TYPES OF ROBOT

- ▲ The six most common types of robots are
- ▲ **1.autonomous mobile robots (AMRs),**
- ▲ **2.automated guided vehicles (AGVs),**
- ▲ **3.articulated robots,**
- ▲ **4.humanoids,**
- ▲ **5.cobots,**
- ▲ **6.hybrids.**



1.AUTONOMOUS MOBILE ROBOTS(AMRs)

- ▲ AMRs move throughout the world and make decisions in near real-time as they go. Technologies such as sensors and cameras help them ingest information about their surroundings.





2.AUTOMATED GUIDED VEHICLES(AGVs)

- ▲ While AMRs traverse environments freely, AGVs rely on tracks or predefined paths and often require operator oversight.











RECAP....



...THANK YOU