

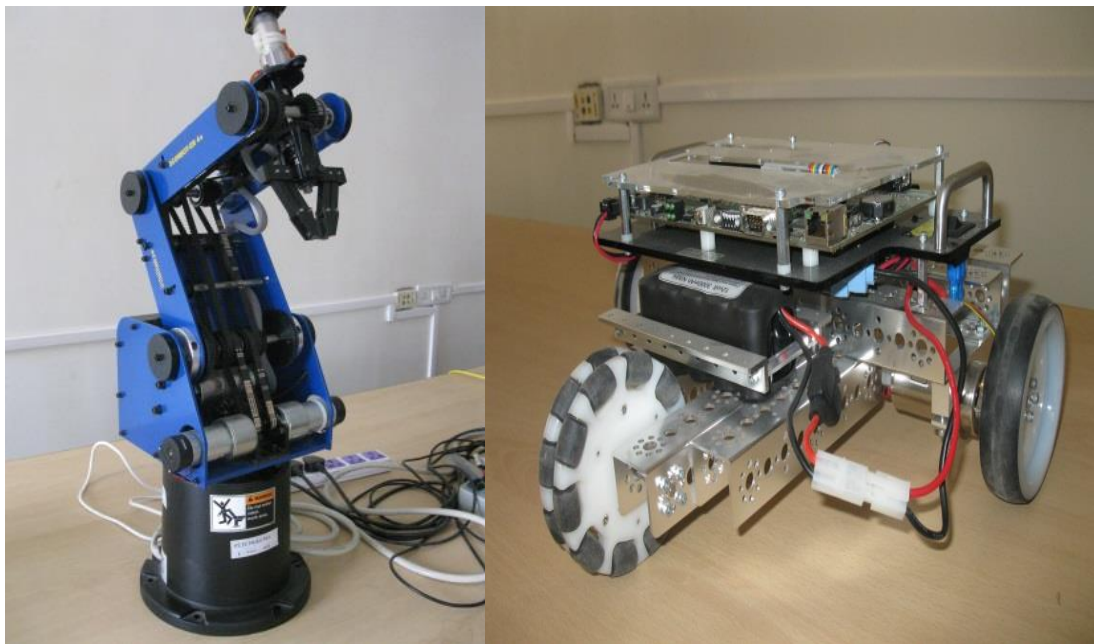
Robotics Laboratory

Laboratory Coordinators: Prof. Y.V.D. Rao (yvdrao@hyderabad.bits-pilani.ac.in)

Dr. Arshad Javed (arshad@hyderabad.bits-pilani.ac.in)

Laboratory Technical Assistant: Mr. B. Lakshman and Mr. Ch. Srinivasa Rao

Location: E-222



Robotics Laboratory at Mechanical Engineering department, BITS PILANI, Hyderabad Campus aims provides all necessary facility for the students to develop their understanding in upcoming areas of robotics. The lab facilities are offered to some structured courses such as, Mechanisms and Robotics (ME G511), Robotics (EA C441), Study oriented projects, Lab oriented projects, and Dissertation and Thesis works. Apart from these courses the lab is always open to help and enable students for various projects. The basic role of this lab is to provide the experimental environment for industrial manipulators and the path planning strategies for mobile robots. The labs is well equipped with the elementary and advanced equipment such as, Scorbot-ER-4U, 4 DOF manipulator with teach pendent & software, multiple sets of Docile X robot, Omni wheel robot loaded with sonars, experimental sensor kits by NI, smart vision system, etc. The lab experiments and various students' projects are consistently guided by the faculty members and technicians.