



# Fundamentals of Robotics



## Introduction to ROBOTICS and History



Slides material credit: ORIMIS. Slides updated by Dr. Asif Khan

Fundamentals of Robotics

**This semester we will study many aspects of robotics.**



General Robot Structures

General Definitions

Robot modelling

Robot Actuators and Drive Systems

Sensors

Forward Kinematics

Inverse Kinematics

ROS (Robot Operating Systems)

Practical on different robots from  
CRAIB (Center for Robotics Artificial

# Fundamentals Of Robotics

**Michael Rajnik**



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