MACHINE LEARNING

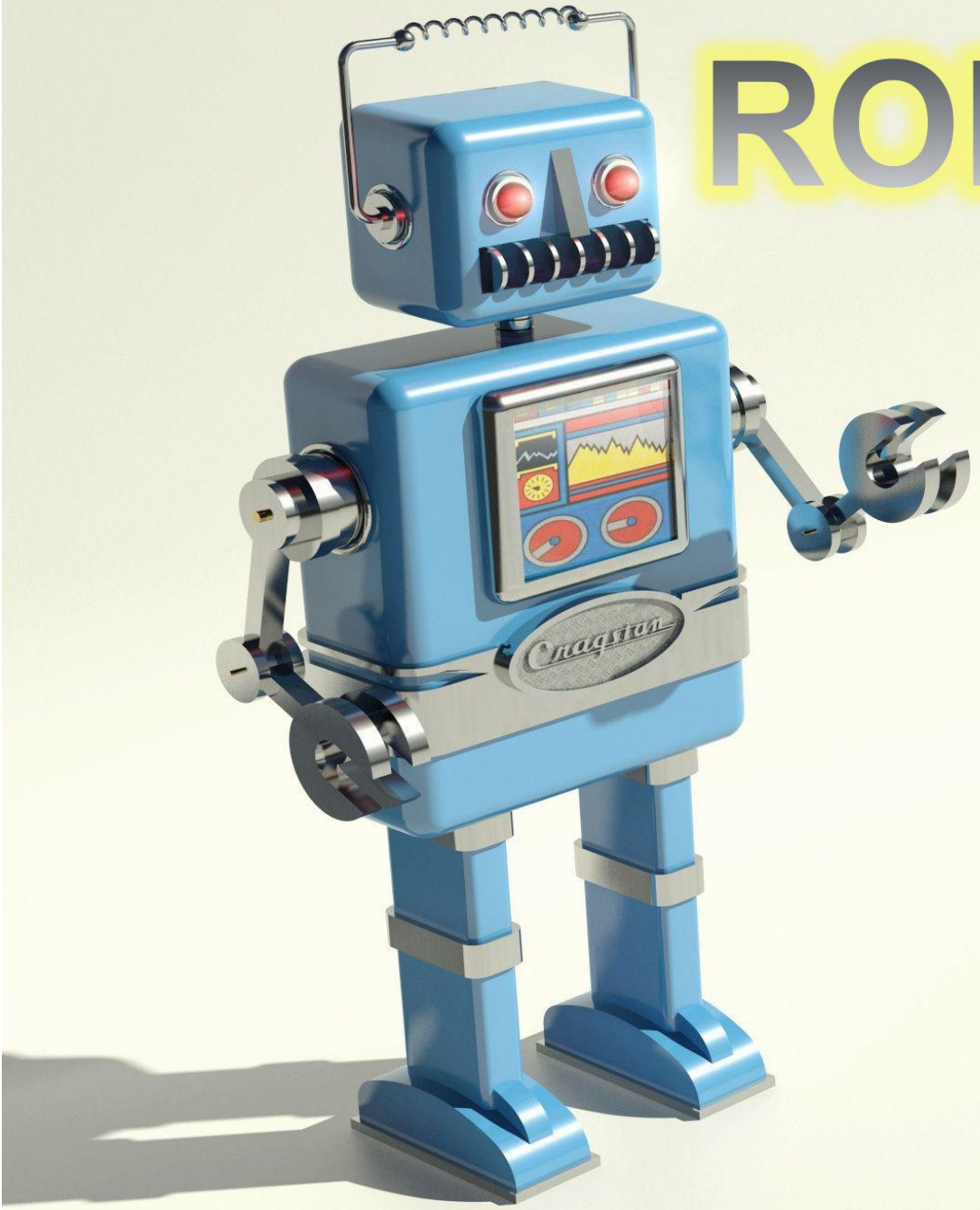
In this workshop, we emphasize on the fundamental concepts underlying this area and also discuss the potential research directions and applications. Machine learning algorithms build a mathematical model of sample data, known as "training data", in order to make predictions or decisions without being explicitly programmed to perform the task.

Machine learning is so pervasive today that you probably use it dozens of times a day without knowing it and hence in workshops organized by KRS, we focus on teaching the fundamental concepts underlying machine learning and also discuss the potential research directions and applications.

RC DRONE

RC drone is commonly known as an Unmanned Aerial Vehicle (UAV). It is controlled automatically by a remote control. .The use of drones has grown quickly in recent years because unlike manned aircrafts they can stay aloft for many hours. Compared to a military aircraft, they are much cheaper; and are flown remotely so there is no danger to the flight crew.

So, we here at KRS, under the guidance of skilled members, conduct RC drone workshops which includes controlling of drone using Arduino and Embedded Design System.



ROBOTICS

Robotics is the branch of technology that deals with the design, construction, operation, and application of robots, well as computer systems for their control, sensory feedback, and information processing.
These technologies are used to develop machines that can substitute for humans and replicate human actions.
So our workshop aims to provide a technical platform and smooth en their journey in the field of robotics.
Learners are familiarize with fundamentals and practical concepts of electronics, mechanics, robotics and its various applications.