



**SEE THE
WORLD
UNDER A**
microscope

We invite you to attend
this event full of science
and discovery

**MARCH 28, 2022
10:00AM - 6:00 PM**

**@EDULATORS
RABWAH CAMPUS**

www.edulators.com/sigmaps

**SCIENCE OLYMPIAD
2022**

SIGMA PSI 1.0
SCIENTIFIC. INNOVATIVE. GUIDED. MACHATRONIC. ACTIVITIES



MACHEVOLUTION

Regarded by many as the future, Robotics is a crucial field. This year, at SIGMA PSI 1.0, we aim to revolutionize its challenges to make Machevolution a fun and productive experience. Contestants will be judged on all the integral aspects needed to excel in the field of Robotics, such as designing, programming, and building. We hope to enlighten contestants with a fun and easy competition that will further cultivate your interest in this revolutionary discipline.

Supplies:

1. DC Motors
2. Arduino Board
3. Bluetooth Module
4. Jumper Wires
5. Motor Driver
6. Acrylic Sheets
7. Rubber Wheels

NOTE: The First eight Teams to register will participate in this event.

ROBOTICS WORKSHOP

To develop the interest in Robotics delegates will be provided with the components of their robots and will be guided on the components and their uses. Delegates will also be informed of Machavolution's schedule. A workshop will also be conducted in which members from each team will receive instructions on the different variables and components of the code, whereby they will be taught how to design and build their remote-controlled bots. Contestants will be mentored to construct as well as program their robots.