COURSE INSTRUCTIONS

1) Mark your attendance in every lab session; they carry a weightage of 30%.

2) Note the serial number of the equipments/bots you are using, and make sure that the same ones are used throughout the experiment.

3) After finishing the experiment, it has to be demonstrated to the TAs. The results are to be written in the TA sheet and signature must be collected from at least TWO TAs during that session itself.

4) Each group must submit an individual report (hard copy), within one week from demonstrating the experiment. The template for the reports will be posted in Moodle. The report can be made in either Latex (recommended) or MS-Word.

5) Switch ON the power supply only after verification of the circuit by the TAs, in order to prevent the burning of boards and ICs.

LAB INSTRUCTIONS

1) Do not take any lab equipment/bots/programming boards outside the lab without prior permission from the Lab staff/RAs.

2) In order to issue equipment/programming boards/misc items, please seek permission from the Lab staff/RAs and mark it in the Loan register.

3) Each group has to bring a breadboard and a multimeter, once the connections are made they are allowed to take the attached ICs and wires along with the breadboard. You may bring a box for carrying the breadboard.

4) It is advised to check the continuity of the jumper wires using the multimeter before connecting them.

5) After the lab session, all the remaining wires/jumpers are to be put back in their respective boxes.

6) Dump all electric waste (stripped wire pieces, non-functioning ICs) in the **E-waste** box, near the door.

7) Dump all left over electronic components (ICs, resistors, capacitors and potentiometers etc.) in the **LEFTOVERS** box **ONLY.**

8) Save your data **only** on the **D: /** drive (else your data will be erased after restart). It is also advisable to save a copy of your data in email as a backup.

9) Shut down your PC and switch off all other equipment at the end of the lab session.