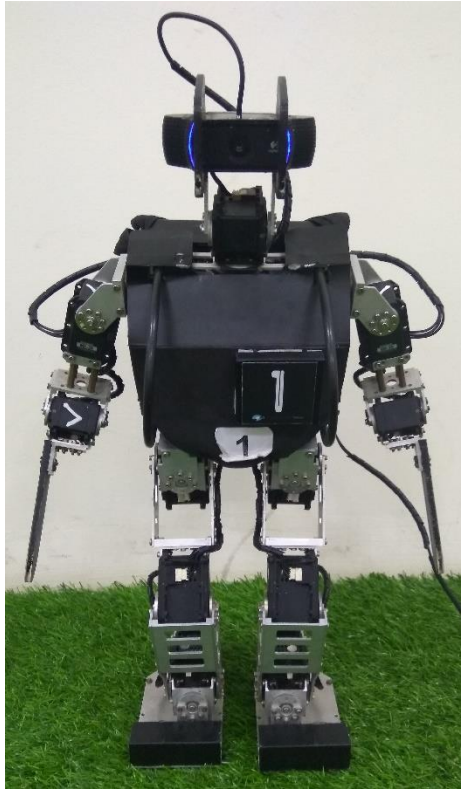


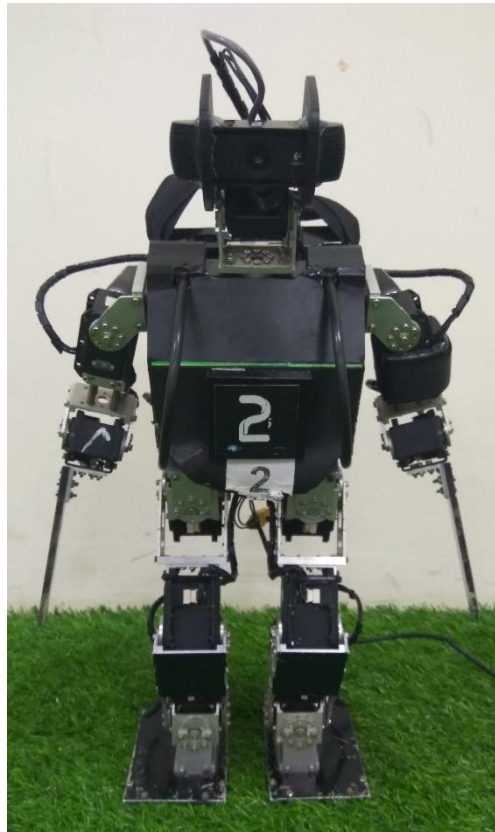
Robot Specification of Barelang-FC

Barelang-FC 1



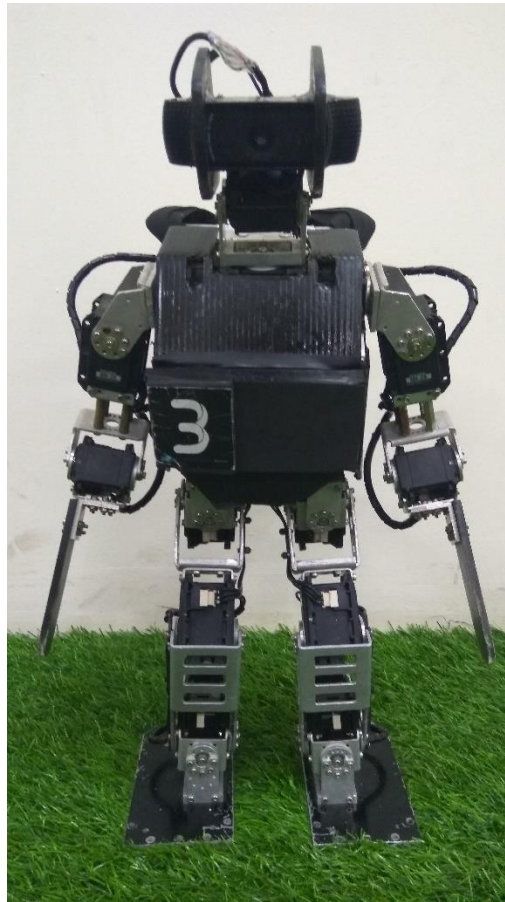
Dimension	Height	570 mm
	Foot	80 mm x 125 mm
	Leg	305 mm
	Arm	260 mm
	Weight	4.4 kg
DOF	Head	2 DOF
	Arm	2 x 3 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	30 cm/sec
CPU	Main Controller	fitPC2i (Intel Atom 1.6GHz)
	Sub Controller	CM-730 (ARM CortexM3 STM32F103RE 720MHz)
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 3 Dynamixel MX-28
	Leg	2 x 6 Dynamixel MX-64
Sensor	Gyroscope	LYPF540AH
	Accelerometer	ADXL335
	Camera	Logitech C920
	Heading	CMPS10
Power	Battery LiPo 4 Cell 2200 mAh	

Barelang-FC 2



Dimension	Height	550 mm
	Foot	80 mm x 125 mm
	Leg	305 mm
	Arm	255 mm
	Weight	4.3 kg
DOF	Head	2 DOF
	Arm	2 x 3 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	30 cm/sec
CPU	Main Controller	fitPC2i (Intel Atom 1.6GHz)
	Sub Controller	CM-730 (ARM CortexM3 STM32F103RE 720MHz)
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 3 Dynamixel MX-28
	Leg	2 x 1 Dynamixel MX-28 2 x 5 Dynamixel MX-64
Sensor	Gyroscope	LYPF540AH
	Accelerometer	ADXL335
	Camera	Logitech C920
	Heading	CMPS10
Power	Battery LiPo 4 Cell 2200 mAh	

Barelang-FC 3



Dimension	Height	500 mm
	Foot	70 mm x 120 mm
	Leg	250 mm
	Arm	250 mm
	Weight	3.15 kg
DOF	Head	2 DOF
	Arm	2 x 3 DOF
	Leg	2 x 6 DOF
Motion	Walking Speed	21 cm/sec
CPU	Main Controller	fitPC2i (Intel Atom 1.6GHz)
	Sub Controller	CM-730 (ARM CortexM3 STM32F103RE 720MHz)
Actuator	Head	2 Dynamixel MX-28
	Arm	2 x 3 Dynamixel MX-28
	Leg	2 x 6 Dynamixel MX-28
Sensor	Gyroscope	LYPF540AH
	Accelerometer	ADXL335
	Camera	Logitech C920
	Heading	CMPS10
Power	Battery LiPo 4 Cell 2200 mAh	