

Centre for Research and Innovation

Details of Facilities in the FABLAB

Sr. No.	Name of Lab / Facility	Name of Instrument	Quantity
1	3D Printing Facility	3D Printer Artis 300 (FDM 3D Printer), Build Volume 300 x 300 x 400 mm	1
2		3D Printer Artis 220 (FDM 3D Printer), Build Volume 220 x 220 x 250 mm	1
3		3D Printer Machine Ultra-One (Resin 3D Printer), Build Volume 120 x 68 x 200 mm, XY resolution – 31.5 microns including 2kg Resin	1
4		Creality 3D Scanner	2
5		Einscan SE 3D Scanner	1
6	Virtual Reality Facility	VR Meta Oculus Quest: 256 GB Storage CPU: Snapdragon XR2, octa-core, All-in-One VR Headset	3
7	AI, IoT and Electronics Tools Facility	Soldering Kit with Multimeter	1
8		Arduino Uno R3 Beginners Kit	1
9		37 in 1 Sensor kit	1
10		Maze Solver	1
11		Fastest Line Follower	1
12		Arduino Tiny Machine Learning Kit	1
13		Nvidia Jetson Nano 4GB Developer Kit - B01	1
14		DIY Nvidia JetsonNano Development Learning Kit	1
15		TurboPi Raspberry Pi Omnidirectional Mecanum Wheels Robot Car Kit with Camera	1
16		Orange ESP-32 Cam IoT Starter Kit	1
17		Combo of Black Acrylic Case With MDF Stand + Raspberry Pi 7" LCD Display Raspberry Pi 4 Compatible"	1
18		Orange Raspberry Pi 4 Advance Kit	1
19	Drone Technology	DIY Drone	3
20		Programmable Drone	2
21		Programmable Drone_2	1
22		Quadcopter Drone	1
23		Quadcopter Drone Advance	1
24		Hexacopter Drone	1
25		Drone Repair & Assembly Tool Kit	1
26		Drone Simulator	1
27		Drone Simulator System	1
28		AR based Drone Application	1
29		10 L Agricultural Drone	1
30		DJI Neo Combo	1
31		DJI Mini 4K Combo	1
32		DJI Mini 4 pro Combo	1