

## Additional facilities created for improving the quality of learning experience in laboratories

<b>Sr. No</b>	<b>Facility Name</b>	<b>Details</b>	<b>Reason(s) for creating facility</b>	<b>Utilization</b>	<b>Areas in which students are expected to have enhanced learning</b>	<b>Relevance to POs/PSOs</b>
1	Internet of Things Equipment	Intel Edison Breakout Boards (8), 26 pairs of sensors, Raspberry-pi model B(2), Arduino Uno(5), Arduino Yun(2).	Facility is created for Research work and projects	Used for projects, research work and conducting IoT related experiments.	1-Internet of Things 2-Edge Computing	PO4,5,12 PSO2
2	NVIDIA GPU based Processing	Jetson Nano Board-2GB (5), Jetson Nano Board-4GB (1), NVIDIA Graphics Card- Titan-X based HPC Machine for Deep Learning based research wor	Facility is created for deep learning based applications	Used for projects and research work	1- Deep Learning 2 -Image Processing	PO4,5,12 PSO2
3	Apple iMac with Retina 4K display	iMAC 3.6 Ghz, Quad Core, iPad Air 5	Facility is created for developing IOS based applications	Used for projects and research work	IOS based app development	PO4,5,12 PSO2
4	Power backup for labs	10 KVA cap 1- 192 VDC series with 30 min power backup, 20KVA cap 1 - 384 VDC series	To provide uninterrupted power supply to the PC in the absence of	Used for projects and research work	Students Online Learning and Campus Placement	PO4,5,12 PSO2