

RESEARCH FACILITIES

S. No	Name of the Laboratory	Equipment Details	Cost of the Equipment(RS)	Faculty In charge
1	Assistive Technology (ATL)	Aurdino UNO Board Aurdino UNO 328 Board	3,308 2,910 Total Rs. 6,218/-	Dr.K.V.S.H.GAYATRI SARMAN
2	National Instruments (NI)	<p>NI Academic Site License-LabVIEW Teaching Only(small) ASL 1Seat(s) NOT CONCURRENT 1Year(s) Academic Site License Teaching Standard Service Program</p> <p>My DAQIntegrated Electronic Circuits Education Hardware</p> <p>Lab view academy based CDPHardware phase-2 (my RIO hardware-10units,Stater kit-05units,Mechatronics Kit-05units,Stratom CAN adapter-05units,stratom X-Hub adapter-05units,PITSCO Tetrix Prime battery-01unit,PITSCO Tetrix Prime charger-01unit,Robo RIO Embedded controller-01unit, Power supply for Roborio-01 unit.</p> <p>Lab view academy based CDP Hardware phase-3 (USRP 2901 bundle for communication system design,NI EL VIS III hardware with accessories and Cables, QNET Mechatronics System Design board for Robotics and Image Processing With IOT)</p>	<p>8,46,237.24</p> <p>4,50,680.48</p> <p>11,21,000.00</p> <p>11,21,000.00</p> <p>Total Rs. 35,38,917.72/-</p>	Dr.G.PRASANNA KUMAR
3	DRONE COE	Mission Planner - 1.3.81	Open Source Software	Dr.O.RANGA RAO
4	VLSI Design	Synopsys University bundle for VLSI Design floating license	13,68,800 Total Rs. 13,68,800/-	Dr.B.V.V.SATYANARAYANA

5	ALTERNAT ENERGY SOLUTIONS	<p>Smps Based Battery Charger 0-32 V,20A Motor Kit - 36V 350w BLDC motor kit 12v 12 Ah Battery pack with Smart BMS Charger Li -ion 12v amp Motor kit 36v 1 kw Battery pack 36v 36 ah Charger Li -ion 36V 5 amp Motor kit 48v 1 kw Battery pack 48v 72 ah Charger Li -ion 48 v 10 amp CAN Port & Software application for Smart BMS for 9 Battery packs</p> <p>Development of a Universal Brake Test Rig supports the flange and hub motor. (metalframe , mounting board Knobs + supports, Spring balances, Threded Rods , 3*Brake Drums and other necessary equipment designed chargers)</p>	<p>11,210 12,980 81,048.30 8,241.12 23.010.00 43,550.85 2,360.00 40,061.00 97,527.00 4,956.00 23,600.00</p> <p>41,992.60</p> <p>Total Rs 2,16,459/-</p>	Mrs I.V.V.Vijetha, Ms.D.Mamatha
6	APPLIED ROBOTIC CONTROL LAB (ARC)	<p>Igus Robolink RL -D- RBT-3322-BC-R0177.RW RL-D joint arm 30-30-20-20</p> <p>Igus Robolink RL-D- BT-5532-BC-R0178.RW RL-D joint arm 50-50-30-30</p>	<p>4, 27,485.00/- 5, 54,531.00/-</p> <p>Total Rs. 9,82,016/-</p>	Dr. Ramu Inala
7	MATLAB	Matlab Software 2024B (Unlimited Users)	Total Rs. 7,69,493/-	Dr. N. Padmavathy