

**Laboratory**

<b>Programme</b>	<b>Department</b>	<b>Course</b>	<b>Level</b>	<b>Yearly budget – Equipments</b>	<b>Yearly budget – Consumables</b>	<b>Name of the Laboratory</b>	<b>Lab / Major Equipments</b>	<b>Investment till Date</b>	<b>Building Name</b>	<b>Building Number</b>
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING	UNDER GRADUATE	10,000	20,000	COMMUNICATION LAB AND MICROWAVE AND OPTICS LAB	Basic Fiber Optics Trainer Kit Frequency Meter (Direct Reading Type) Frequency	2,875,826	SJP BLOCK (SJP.203)	22
ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	50,000	10,000	ELECTRICAL MACHINES LAB	Single Phase Preventer Relay Testing Kit High Voltage Break Down Tester Forward and Reverse Control	331,590	VIDYAVIHAR BLOCK (V.005)	7
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	ELECTRONICS AND INSTRUMENTATION ENGINEERING	UNDER GRADUATE	10,000	10,000	ELECTRONIC DEVICES AND CIRCUIT LAB	IC TESTER, DIGITAL MULTIMETER, DUAL POWER SUPPLY,FUNCTION GENERATOR(2MHZ), AMMETER, VOLTMETER,	339,429	SANSKRIT BLOCK (SA.212)	6
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	ELECTRONICS AND COMMUNICATIONS ENGINEERING	UNDER GRADUATE	10,000	10,000	ELECTRONICS DEVICES & CIRCUITS LAB	Cathode Ray Oscilloscope Regulated Power Supply IC Trainer kit Function Generator Decade Resistance	1,733,316	SJP BLOCK (SJP.202)	22
ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	CIVIL ENGINEERING	UNDER GRADUATE	10,000	15,000	ENVIRONMENTAL ENGINEERING LAB	Digital PH Meter Digital Turbidity Meter Digital Conductivity Meter Photo Colorimeter Jar test	202,203	CIVIL BLOCK (C.001)	1
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	20,000	15,000	FM LAB	Orificemeter Apparatus Flow Meter and Flow Nozzle Apparatus Losses in Pipes Apparatus Francis turbin	218,687	WORKSHOP (MECH) (MW.003)	11
ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	CIVIL ENGINEERING	UNDER GRADUATE	10,000	10,000	GEO TECHNICAL AND TRANSPORTATION LAB	Brass set sieve Consolidation Test Apparatus set Constant Head	257,280	CIVIL BLOCK (C.003)	1

							Permeability meter Direct Shear Appt			
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	20,000	4,000	HEAT TRANSFER LAB	Stefan Boltzman Apparatus Thermal Conductivity of Metal Rod Shell and tube Heat exchanger	236,550	MECHANICAL BLOCK(M.107)	4
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	ELECTRONICS & COMMUNICATION ENGINEERING	UNDER GRADUATE	10,000	10,000	INTEGRATED CIRCUIT LAB	Logic Analyzer Digital Storage Oscilloscope Function Generator Hp intel I5 processor	1,893,114	SJP BLOCK(SJP.201)	22
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	20,000	12,500	LATHE SHOP	Center Lathe (12 Nos.) Universal Milling Machine ( 2 Nos.) Vertical Milling Machine	986,518	WORKSHOP (MECH) (MW.006)	11
ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	1,000	30,000	MACHINES LAB	Single Phase Preventer Relay Testing Kit High Voltage Break Down Tester Forward and Reverse Control	134,973	WORKSHOP (ELEC) (EW.001)	12
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	10,000	5,000	MECHATRONICS LAB	Lab view software ROBOX Software HYDROSIM software PNEUMOSIM software	457,330	MECHANICAL BLOCK(M.101)	4
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	10,000	5,000	METROLOGY AND METALLURGY LAB	Vernier Height Gauge (0-600mm) Slipbox Grade 'A' Screw Thread Micrometer Depth Vernier Caliper (0-20)	154,546	MECHANICAL BLOCK (M.102)	4
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	UNDER GRADUATE	100,000	10,000	MICROPROCESSOR & MICRO CONTROLLER LAB	Microprocessor 8085 Kit with Keyboard ( 11 No's) Microprocessor 8086 Kit with Keyboard ( 5 No's)	136,817	SANSKRIT BLOCK (SA211)	6
ENGINEERING AND TECHNOLOGY	ELECTRICAL AND ELECTRONICS ENGINEERING	ELECTRICAL AND ELECTRONICS ENGINEERING	UNDER GRADUATE	15,000	20,000	POWER SIMULATION LAB	Mi Power 4.0 Mi Power 8.0 Mipower 9.1	2,645,558	SJP BLOCK (SJP.304)	22

							(Version Upgraded ) Magnet 6.2 PSCAD version 4.6 Educationa			
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	10,000	10,000	SPECIAL MACHINES LAB	Centerless Grinding Machine Cylindrical Grinding Machine Surface Grinding Machine Gear Hobbing	772,655	WORKSHOP (MECH) (MW.005)	11
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	15,000	16,600	STRENGTH OF MATERIALS LAB	Rockwell Hardness Tester Universal Testing Machine Conversion of electrical version of UTM	986,703	MECHANICAL BLOCK(M.002)	4
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	UNDER GRADUATE	10,000	14,000	THERMAL LAB	Kirloskar 5 HP Diesel Engine Computer based diesel engine setup Smoke testing machine Gas analyzer	753,565	WORKSHOP(MECH) (MW.004)	11
ENGINEERING AND TECHNOLOGY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	ELECTRONICS AND INSTRUMENTATION ENGINEERING	UNDER GRADUATE	10,000	10,000	TRANSDUCER LAB	"Thermocouple Module RTD Module Thermistor Module Displacement Measurement Trainer Using LVDT	348,999	SJP BLOCK (SJP.210)	6
ENGINEERING AND TECHNOLOGY	CIVIL ENGINEERING	CIVIL ENGINEERING	UNDER GRADUATE	10,000	10,000	TRANSPORTATION LAB MERGED AND DOUBT	CBR Apparatus Aggregate Crushing Apparatus Los Angels Abrasion Machine Aggregate Impact Testing Mach	152,340	CIVIL	C1
ENGINEERING AND TECHNOLOGY	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	POST GRADUATE	10,000	1,500	TRIBOLOGY LAB	Wear friction Monitor (Pin on Disc) Four ball Tester with image acquisition system	1,318,010	MECHANICAL BLOCK(M.003)	4