

# ETERNAL UNIVERSITY

## Equipment List

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Computer Center / LAB-A/ LAB-B					
Item Name	Rate	Tax %	QTY	Total Amount	Purchase Date
Lenovo PC 8326DC1	26346.00	4%	60	1643990.40	5/16/2007
HCL PC	16424.93	4%	2	34163.85	8/22/2008
DES-3026	11275.00	4%	4	46904.00	5/4/2007
DLINK I/O BOX+FACE PLATE	250.00	13.5%	70	19862.50	5/4/2007
DLINK 1MTR PATCH CORE	140.00	13.5%	70	11123.00	5/4/2007
DLINK 2 MTR PATCH CORE	156.00	13.5%	62	10977.72	5/4/2007
DLINK 24 PORT PATCH PANNEL	2583.00	13.5%	3	8795.12	5/4/2007
Rack Neteworking	2500.00	13.5%	3	8512.50	5/4/2007
			Total Amt.	1784329.09	
<b>LAB-3</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
HCL PC	16799.00	4.0%	30	524128.80	8/29/2009
Cat-6 305 Mtr	4898.00	4.0%	3	15281.76	4/5/2010
Face Plate (D) CAT-6	250.00	4.0%	15	3900.00	5/4/2007
Single Mount Box (SMB)	18.00	4.0%	15	280.80	5/4/2007
DLINK 1MTR PATCH CORE	140.00	13.5%	35	5561.50	5/4/2007
DLINK 2 MTR PATCH CORE	156.00	13.5%	31	5488.86	5/4/2007
Switch 16 Port	2592.30	13.5%	1	2942.26	5/4/2007
Switch 24 Port Dlink	4173.01	13.5%	1	4736.37	5/4/2007
			Total Amt.	562320.35	
<b>LAB-4</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
Wipro PC	20600.00	0.00%	27	556200.00	11/22/2010
HCL PC	16424.00	4.00%	4	68323.84	8/29/2009
Cat-6 305 Mtr	4898.00	4.00%	5	25469.60	4/5/2010
Face Plate (S) Cat-6	250.00	4.00%	35	9100.00	5/4/2007
DES-3026	11275.00	13.50%	2	25594.25	5/4/2007

DLINK 1MTR PATCH CORE	148.00	13.50%	35	5879.30	5/4/2007
DLINK 2 MTR PATCH CORE	156.00	13.50%	31	5488.86	5/4/2007
Rack- 9 U	3111.14	13.50%	1	3531.14	5/4/2007
			Total Amt.	699586.99	
<b>Library</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
HCL PC	16799.00	0.00%	10	167990.00	8/29/2009
N Computing PC	3100.00	4.00%	40	128960.00	4/5/2010
Keyboard	290.00	4.00%	36	10857.60	4/5/2010
Mouse	137.00	4.00%	36	5129.28	4/5/2010
TFT (15.6") AOC	4768.00	4.00%	36	178513.92	4/5/2010
I/O Box Single	250.00	4.00%	20	5200.00	5/4/2007
Cat-6 305 Mtr	4928.88	4.00%	3	15378.11	5/4/2007
DLINK 2 MTR PATCH CORE	148.00	13.50%	20	3359.60	5/4/2007
Dlink Router DWL 3200 AP	156.00	13.50%	1	177.06	5/4/2007
Switch 8 Port	1093.49	13.50%	1	1241.11	9/16/2010
			Total Amt.	516806.68	
<b>Server Room</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
Server IBM	130000.00	4.00%	2	270400.00	5/16/2007
HCL PC	16590.00	4.00%	2	34507.20	8/29/2009
Lenove PC	16590.00	4.00%	4	69014.40	5/22/2007
Wipro server	26000.00	4.00%	1	27040.00	11/22/2010
Cisco Router	250000.00	15.50%	1	288750.00	5/16/2007
DES-3026	11275.00	13.50%	3	38391.38	5/4/2007
Dlink Router DWL 3200 AP	8786.00	13.50%	4	39888.44	2/26/2010
KVM Switch	4108.00	4.00%	1	4272.32	9/16/2010
Rack-15 U	5743.00	13.50%	1	6518.31	5/16/2007
			Total Amt.	778782.04	

<b>Campus Licenses</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
Windows server 2003 Licenses					
Windows server 2008 Licenses					
Desktop Licenses WIN7/XP					
Ms office Licenses 2010/2007					
SQL Server 2008					
SQL Server 2005					
MS TMG firewall With Filter	104470	14.30%	1	119409.21	6/29/2010
Borland Turbo C++	100000	14.30%	1	114300.00	5/16/2007
Adobe Photoshop/Flash	240000	14.30%	1	274320.00	3/10/2010
University's ERP System	89000	14.30%	1	101727.00	6/5/2010
E-learning System			1		
			Total Amt.	6,09,756.21	
<b>PC allotted to Staff Members</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
Lenovo PC	26346	4%	28	7,67,195.52	5/16/2007
HCL PC	17253	0	25	4,31,325.00	8/29/2009
Printers	11069	0	10	1,1,0690.00	N/A
			Total Amt.	13,09,210.52	
<b>Post graduate Computer Lab</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
HCL PC	17253	0	5	86265.00	8/29/2009
			Total Amt.	86265.00	
<b>Microsystem Lab</b>					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
HCL PC	17253	0	5	86265.00	8/29/2009
			Total Amt.	86265.00	

Hardware/networking Lab					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
HCL PC	17253	0	5	86265.00	8/29/2009
Tools	20000	0	1	20000.00	2/29/2008
printers	5000	0	1	5000.00	7/18/2008
Spare Parts and computer accessories	35000	0	1	35000.00	2/29/2008
			Total Amt.	146265.00	
Nursing College					
HCL PC	17253	0.00%	15	258795.00	
Dell projector (Lecture Hall)	33000	4.00%	2	68640.00	8/16/2008
Sony Projector (Lecture Hall)	55000	4.00%	1	57200.00	9/3/2007
Normal Screen	5550	4.00%	3	17316.00	8/16/2008
N- Computing Computers (PC)	8295	4.00%	6	51760.80	4/5/2010
Cat6 Role 305 Mtr	4898	13.50%	2	11118.46	5/4/2007
Switch 16 Ports	3120	13.50%	2	7082.40	4/28/2010
I/o box Single	250	4.00%	15	3900.00	9/16/2010
Patch Core 2 Mtr	156	13.50%	15	2655.90	5/4/2007
Rack 4U	2496	13.50%	1	2832.96	9/16/2010
			Total Amt.	481301.52	
Others					
Item Details	Rate	Tax %	QTY	Total Amount	Purchase Date
Dell Projector (Lecture Hall)	33000	4.00%	2	68640.00	8/16/2008
Sony Projector (Lecture Hall)	55000	4.00%	3	171600.00	9/3/2007
Sharp projector (Auditorium)	60000	4.00%	1	62400.00	9/3/2007
Remote operated Automatic Screen (Auditorium)	35000	4.00%	1	36400.00	2/27/2010
Normal Screen (Lecture Hall)	5550	4.00%	5	28860.00	8/16/2008
Promathean Interactive Board (Lecture Hall)	65000	4.00%	1	67600.00	10/28/2010
APC UPS 5 KVA	79000	4.00%	5	410800.00	5/12/2007
APC UPS 6 KVA	79000	4.00%	2	164320.00	9/1/2008
APC UPS 10 KVA	167040	4.00%	2	347443.20	5/12/2007
WiFi Library	8700	4.00%	1	9048.00	2/26/2010
			Total Amt.	1367111.20	

Computer center/LAB-1/LAB-2	1784329.09
LAB-3	562320.35
LAB-4	699586.99
Library	516806.68
Server Room	778782.04
Campus Licenses	609756.21
PC allotted to staff members	1309210.52
Post graduation computer LAB	86265.00
Microsystems Lab	86265.00
Hardware/ Networking Lab	146265.00
Nursing College	481301.52
Others	1367111.20
<b>Total Investment</b>	<b>8427999.60</b>

**ETERNAL UNIVERSITY**  
**DEPTT. OF ECE**

**ANALOG COMM. LAB**

S.No.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	DSB/SSB Tx/Rx trainer	4	Rs. 12,901.00	Rs. 51,604.00	Scientech	12/1/2009	YES
2	FM Tx/Rx trainer	2	Rs. 12,901.00	Rs. 25,802.00	Scientech	12/1/2009	YES
3	Fibre optic trainer	2	Rs. 17,048.00	Rs. 34,096.00	Scientech	12/1/2009	YES
4	PAM, PPM , PWM Modulation /Demodulation trainer	2	Rs. 11,519.00	Rs. 23,038.00	Scientech	12/1/2009	YES
5	CRO	3	Rs. 16,500.00	Rs. 49,500.00	Scientech	12/1/2009	YES
6	Function Generator	1	Rs. 4,500.00	Rs. 4,500.00	Scientech	12/1/2009	YES
7	Digital Multimeter	1	Rs. 800.00	Rs. 800.00	Scientech	12/1/2009	YES

**Rs.**

Taxes Extra

**1,89,340.00**

**DIGITAL COMM. LAB**

S.No.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	Sampling and reconstruction trainer	2	Rs. 7,615.00	Rs. 15,230.00	Scientech	12/1/2009	YES
2	TDM PAM modulation/demodulation Trainer	2	Rs. 8,779.00	Rs. 17,558.00	Scientech	12/1/2009	YES
3	PCM Tx. trainer	2	Rs. 12,440.00	Rs. 24,880.00	Scientech	12/1/2009	YES
4	Delta, Adaptive delta Modulation/Demodulation trainer	2	Rs. 17,048.00	Rs. 34,096.00	Scientech	12/1/2009	YES
5	Data formatting and carrier modulation transmitter trainer	2	Rs. 12,901.00	Rs. 25,802.00	Scientech	12/1/2009	YES
6	Function Generator	1	Rs. 4,500.00	Rs. 4,500.00	Scientech	12/1/2009	YES
7	Digital Multimeter	2	Rs. 800.00	Rs. 1,600.00	Scientech	12/1/2009	YES
8	CRO	3	Rs. 16,500.00	Rs. 49,500.00	Scientech	12/1/2009	YES

Taxes Extra

**Rs.  
1,73,166.00**

**CONTROL SYSTEMS****LAB**

S. N o	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	Control System Lab	1	Rs. 42,500.00	Rs. 42,500.00	Scientech	21/12/09	YES
2	Compensating Circuit	1	Rs. 17,825.00	Rs. 17,825.00	Scientech	21/12/09	YES
3	Torque speed characteristics servomotor	1	Rs. 26,000.00	Rs. 26,000.00	Scientech	21/12/09	YES
4	Magnetic Amplifier	1	Rs. 24,500.00	Rs. 24,500.00	Scientech	21/12/09	YES
5	Synchro Transmitter/Receiver	1	Rs. 34,500.00	Rs. 34,500.00	Scientech	21/12/09	YES
6	Linear System Simulator	1	Rs. 19,500.00	Rs. 19,500.00	Scientech	21/12/09	YES
7	Microprocessor control stepper motor	1	Rs. 6,300.00	Rs. 6,300.00	Scientech	21/12/09	YES
8	Digital storage Oscilloscope	1	Rs. 30,000.00	Rs. 30,000.00	Scientech	21/12/09	YES

**Rs.**

Taxes Extra

**2,01,125.00**

**CIRCUITS & SYSTEMS  
LAB**

S. No	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	3½ Digit Handheld Digital Multimeter with TTL Logic, Square Waveform O/p & Frequency Measurement	5	Rs. 800.00	Rs. 4,000.00	Scientech	21/08/09	YES
2	Power Supply	5	Rs. 3,872.00	Rs. 19,360.00	Scientech	21/08/09	YES
3	Breadboard Kit	6	Rs. 190.00	Rs. 1,140.00	Kandh Products	19/10/09	YES
4	Analog Voltmeter	5	Rs. 405.00	Rs. 2,025.00	Scientech	21/08/09	YES
5	Resistances	1300	Rs. 0.25	Rs. 325.00	Active power	17-7-09	YES

Taxes Extra

**Rs. 26,850.00**



**DIGITAL CIRCUIT &  
SYSTEMS LAB**

S. No	Equipment Name	Qty.	Rate	Cost	Make	Date of purchase	Whether in working condition
1	Digital Trainer kit (To verify logic gates using TTL Ics)	5	Rs. 2,850.00	Rs. 14,250.00	Laboratory Instruments Co.	28/08/08	YES
2	Digital Trainer for study & Verification of flip flops (RS,D,JK flip flop)	1	Rs. 3,200.00	Rs. 3,200.00	Laboratory Instruments Co.	28/08/08	YES
3	Monostable & Astable multivibrator using IC 555 timer kit	5	Rs. 2,850.00	Rs. 14,250.00	Laboratory Instruments Co.	28/08/08	YES
4	Study of 4 bit shift registers	1	Rs. 5,200.00	Rs. 5,200.00	Laboratory Instruments Co.	28/08/08	YES
5	Study of 4 bit counters(Synchronous & Asynchronous)	3	Rs. 2,950.00	Rs. 8,850.00	Laboratory Instruments Co.	28/08/08	YES
6	Digital to Analog Converter	4	Rs. 3,500.00	Rs. 14,000.00	Laboratory Instruments Co.	28/08/08	YES
7	Analog to Digital Converter	5	Rs. 3,500.00	Rs. 17,500.00	Laboratory Instruments Co.	28/08/08	YES
8	Clipping & Clamping circuits	2	Rs. 2,850.00	Rs. 5,700.00	Laboratory Instruments Co.	28/08/08	YES
9	Study of half & full adders using AND-OR gates	5	Rs. 2,850.00	Rs. 14,250.00	Laboratory Instruments Co.	28/08/08	YES
10	Full Adders using NAND gates	1	Rs. 2,850.00	Rs. 2,850.00	Laboratory Instruments Co.	28/08/08	YES

11	CRO	1	Rs. 16,500.0 0	Rs. 16,500.00	Laboratory Instruments Co.	28/08/08	YES
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12	Multimeter	1	Rs. 2,750.00	Rs. 2,750.00	Laboratory Instruments Co.	28/08/08	YES
13	Servo Stabilizer 5KW	1	Rs. 25,500.0 0	Rs. 25,500.00	Laboratory Instruments Co.	17-09-08	YES

**Rs.**  
**1,44,800.00**

Taxes Extra

**ELECTRONIC AND ELECTRICAL  
MEASUREMENT AND  
INSTRUMENTATION LAB**

S. N o.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	
1	LVDT Trainer Kit	2	Rs. 10,476 .00	Rs. 21,492.00	Scientech	12/1/200 9	YES
							YES
2	Temperature trainer kit	2	Rs. 14,065 .00	Rs. 28,130.00	Scientech	12/1/200 9	YES
3	Study of Kelvin's Bridge	1	Rs. 1,019. 00	Rs. 1,019.00	Scientech	12/1/200 9	YES
4	Study of Wheatestone Bridge	1	Rs. 1,140. 00	Rs. 1,140.00	Scientech	12/1/200 9	YES
5	Wein Bridge Oscillator trainer	1	Rs. 3,880. 00	Rs. 3,880.00	Scientech	12/1/200 9	YES
6	Study of inductive pick Up trainer	2			Siba India	Jan. 2009	YES
7	Study of Capacitive pick Up trainer	2			Siba India	Jan. 2009	YES
8	Speed measurement by Electromagnetic transducer	2			Siba India	Jan. 2009	YES

9	Speed measurement by Photoelectric transducer	1			Siba India	Jan. 2009	YES
10	Pressure measurement by Piezo-electric pickup	2	Rs. 20,370.00	Rs. 40,740.00	Scientech	12/1/2009	YES
11	LDR Characteristics	2	Rs. 3,104.00	Rs. 6,208.00	Scientech	12/1/2009	YES
12	CRO	3	Rs. 12,500.00	Rs. 37,500.00	Scientech	12/1/2009	YES
13	Multimeter	3	Rs. 850.00	Rs. 2,550.00	Scientech	12/1/2009	YES

Rs.

Taxes Extra

**1,42,659.00**

**ELECTRONIC DESIGN  
LAB**

S. No.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	20 MHz Oscilloscope	3	Rs. 12,500.00	Rs. 37,500.00	Scientech	11/9/2009	YES
2	1 MHz Function Generator with Digital Readout for Frequency and Amplitude	4	Rs. 8,500.00	Rs. 34,000.00	Scientech	21/08/09	YES
3	3½ Digit Handheld Digital Multimeter with TTL Logic, Square Waveform O/p & Frequency Measurement	5	Rs. 800.00	Rs. 4,000.00	Scientech	21/08/09	YES

4	Power Supply	5	Rs. 3,872. 00	Rs. 19,360.00	Scientech	11/9/200 9	YES
5	Breadboard Kit	12	Rs. 190.00	Rs. 2,280.00	Kandh Products	21/08/09	YES
6	Analog Voltmeter	5	Rs. 405.00	Rs. 2,025.00	Scientech	21/08/09	YES
7	IC 741	90	Rs. 6.00	Rs. 540.00	Active power	19-10-09	YES
8	IC 555	10	Rs. 7.00	Rs. 70.00	Active power	19-10-09	YES
9	Hook up wire	7	Rs. 225.00	Rs. 1,575.00	Active power	19-10-09	YES

10	Capacitor	200	Rs. 1.00	Rs. 200.00	Active power	19-10-09	YES
11	Transformer	10	Rs. 95.00	Rs. 950.00	Active power	19-10-09	YES
12	Diode IN 4007	50	Rs. 1.00	Rs. 50.00	Active power	19-10-09	YES
13	Diode IN4735	20	Rs. 1.50	Rs. 30.00	Active power	19-10-09	YES
14	Pot 1MΩ	15	Rs. 3.00	Rs. 45.00	Active power	19-10-09	YES
15	Inductor	15	Rs. 4.00	Rs. 60.00	Active power	19-10-09	YES
16	Breadboard	4	Rs. 190.00	Rs. 760.00	Kandh Prod.	19-10-09	YES

**Rs.**

Taxes Extra **1,03,445.00**

### 8085

#### MICROPROCESSOR LAB

S. No.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	8085 Microprocessor Trainer Kit	10	Rs. 3,800.00	Rs. 38,000.00	Scientech	21/08/2009	YES
2	8 Channel, 8 bit ADC-0809 Card with 26 pin FRC	5	Rs. 1,285.00	Rs. 6,425.00	Scientech	21/08/2009	YES
3	2 Channel, 8 bit DAC-0800 Card with 26 pin FRC	5	Rs. 1,285.00	Rs. 6,425.00	Scientech	21/08/2009	YES
4	Temperature Measurement card with 26 pin FRC.	5	Rs. 1,750.00	Rs. 8,750.00	Scientech	21/08/2009	YES
5	8255 Study Card with 50 pin FRC	5	Rs. 1,525.00	Rs. 7,625.00	Scientech	21/08/2009	YES
6	Stepper Motor controller card with Motor and 26 pin FRC.	3	Rs. 1,850.00	Rs. 5,550.00	Scientech	21/08/2009	YES
7	Traffic Light Controller Card with 26 pin FRC.	5	Rs. 1,350.00	Rs. 6,750.00	Scientech	21/08/2009	YES

8	DC Motor Controller Card with Motor with 26 pin FRC.	3	Rs. 1,850.00	Rs. 5,550.00	Scientech	21/08/2009	YES
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Taxes Extra

**Rs. 85,075.00**

**MICROCONTROLLER , 8086  
MICROPROCESSOR AND PLC LAB**

S. No.	Equipment Name	Qty	Rate	Cost	Make	Date of purchase	Whether in working condition
1	8086 microprocessor trainer kit	10	Rs. 8,800.00	Rs. 88,000.00	Scientech	21/12/2009	YES
2	8051 Microcontroller trainer kit	10	Rs. 5,900.00	Rs. 59,000.00	Scientech	21/12/2009	YES
3	PLC trainer Fatek 8 input/6 output	1	Rs. 36,750.00	Rs. 36,750.00	Scientech	21/12/2009	YES
4	Water level	1	Rs. 4,500.00	Rs. 4,500.00	Scientech	21/12/2009	YES
5	Elevator control	1	Rs. 4,500.00	Rs. 4,500.00	Scientech	21/12/2009	YES

Taxes Extra

**Rs.  
1,92,750.00**

**ANALOG ELECTRONICS  
LAB**

S. No.	Equipment Name	Qty.	Rate	Cost	Make	Date of purchase	Whether in working condition
1	Study of RC coupled Amplifier	5	Rs. 3,000.00	Rs. 15,000.00	Lab. Inst. Co.	28-8-09	YES
2	Study of tuned Amplifier	2	Rs. 5,200.00	Rs. 10,400.00	do	17-09-08	YES
3	Study of Hartley oscillator	5	Rs. 2,850.00	Rs. 14,250.00	do	17-09-08	YES
4	Study of Colpitts oscillator	4	Rs. 2,850.00	Rs. 11,400.00	do	17-09-08	YES
5	Study of RC phase shift oscillator	1	Rs. 2,850.00	Rs. 2,850.00	do	17-09-08	YES
6	Study of Class B Push Pull Amplifier	2	Rs. 4,500.00	Rs. 9,000.00	do	17-09-08	YES
7	UJT Relaxation oscillator	5	Rs. 3,850.00	Rs. 19,220.00	do	17-09-08	YES
8	Common Collector( Emitter follower)	2	Rs. 2,850.00	Rs. 5,700.00	do	17-09-08	YES
9	To Study Common Emitter amplifier	5	Rs. 3,200.00	Rs. 16,000.00	do	28-8-09	YES
10	CRO	3	Rs. 16,500.00	Rs. 49,500.00	do	17-09-08	YES
11	Function generator	5	Rs. 8,500.00	Rs. 42,500.00	do	17-09-08	YES
12	Multimeter	5	Rs. 2,750.00	Rs. 13,750.00	do	17-09-08	YES
13	Analog Voltmeter	3	Rs. 450.00	Rs. 1,350.00	do	30-7-09	YES
14	Operational Amplifier( Inv,Non Inv.,Comparator,Integrator	2	Rs. 2,500.00	Rs. 5,000.00	SIBA	5/4/2007	YES
	Differentiator,Adder )Unit with inbuilt power supply						
	Taxes Extra		<b>Rs. 2,15,920.00</b>				

**POWER ELECTRONICS LAB**

S.No.	Equipment Name	Qty.	Rate	Cost	Make	Date of Purchase	Whether in working condition
1	SCR characteristics trainer kit	3	Rs. 1,320.00	Rs. 3,960.00	Scientech	12/1/2009	YES
2	DIAC characteristics	1	Rs. 1,240.00	Rs. 1,240.00	do	12/1/2009	YES
3	TRIAC characteristics	1	Rs. 1,440.00	Rs. 1,440.00	do	12/1/2009	YES
4	SCR triggering techniques trainer kit	1	Rs. 4,510.00	Rs. 4,510.00	do	12/1/2009	YES
5	Single phase controlled rectifier with ramp comparator firing scheme trainer kit	1	Rs. 7,154.00	Rs. 7,154.00	do	12/1/2009	YES
6	Bedford and parallel inverter trainer kit	1	Rs. 5,468.00	Rs. 5,468.00	do	12/1/2009	YES
7	Series Inverter trainer kit	1	Rs. 5,468.00	Rs. 5,468.00	do	12/1/2009	YES

**Rs.**

Taxes Extra

**29,240.00**



**BASIC  
ELECTRONICS LAB**

S.No.	Equipment Name	Qty.	Rate	Cost	Make	Date of Purchase	Wheteher in working condition
1	CRO	3	Rs. 16,500.00	Rs. 49,500.00	Lab Instruments Co.	28/08/08 &	YES
2	Digital Function Generator	5	Rs. 4,500.00	Rs. 22,500.00	Sciencetech	18/08/09	YES
3	Digital Multimeter	5	Rs. 2,700.00	Rs. 13,500.00	Lab Instruments Co.	17/09/08	YES
4	RC Coupled Amplifier	2	Rs. 1,500.00	Rs. 3,000.00	Siba India	5/4/2007	YES
5	MOSFET Characteristics	2	Rs. 1,690.00	Rs. 3,380.00	Siba India	5/4/2007	YES
6	UJT Characteristics	2	Rs. 1,760.00	Rs. 3,520.00	Siba India	5/4/2007	YES
7	PN Junction Diode Characteristics	2	Rs. 650.00	Rs. 1,300.00	Singla	10/9/2007	YES
8	Common Collector Amplifier	3	Rs. 2,850.00	Rs. 8,550.00	Lab Instruments Co.	28/08/08	YES
9	Bread Board Kits(Built in power supply)	6	Rs. 9,676.00	Rs. 58,176.00	Sciencetech	12/1/2009	YES
10	Study of Instrumentation Amplifier	1	Rs. 1,320.00	Rs. 1,320.00	Gaur Scientific Works	11/4/2007	YES
11	Phototransistor Characteristics	1	Rs. 4,640.00	Rs. 4,640.00	Star Technology		YES
12	Optocoupler Characteristics	2	Rs. 4,640.00	Rs. 9,280.00	Star Technology	10/4/2007	YES

13	SCR & Triacs	5	Rs. 4,340.00	Rs. 21,700.00	Gaur	8/5/2007	YES
14	PN Diode as Full Wave Rectifier	2	Rs. 1,550.00	Rs. 3,100.00	Star Technology	10/4/2007	YES
15	Transistor Characteristics	4			Vinny	13/09/07	YES

Rs.

Taxes Extra

**2,03,466.00**

### Optical Fiber Communication Lab

[VAT/CST@12.50%](#) extra

### Television Engineering Lab

S.No.	Equipment Name	Qty.	Rate	Cost	Make	D.O.P.	Wheteher in working condition
01	Colour TV Trainer Kit	03	24225	72675	Scientech.	04/08/10	YES
02	Black & White TV Trainer	01	15725	15725	Scientech.	30/08/10	YES
				88400			

[VAT/CST@12.50%](#) extra

### Post Graduate Digital Circuit &System(VHDL) Lab

S.No.	Equipment Name	Qty.	Rate	Cost	Make	D.O.P.	Wheteher in working condition
01	Universal FPGA/CPLD Development board	06	21250	127500	Scientech.		YES

[VAT/CST@12.50%](#) extra

### Microwave Engineering Lab

S.No	Equipment Name	Qty.	Rate	Cost	Make	D.O.P.	Wheteher in working condition
01	Microwave Test Bench(Klystron Based)/Compact Microwave lab kit(X band)	03	76765	230295	Vidyut Yantra Udyog	1-8-2010	YES
02	Microwave Test Bench(Gunn Based)/Compact Microwave lab kit(X band)	02	78270	156540	Vidyut Yantra Udyog	1-8-2010	YES
03	Microwave Cavity(X-band)	3	4765	14295	Vidyut Yantra Udyog	1-8-2010	YES
04	Y Circulator	2	3595	7190	Vidyut Yantra Udyog	1-8-2010	YES
05	Multihole directional coupler-10db,x-band	4	4380	17520	Vidyut Yantra Udyog	1-8-2010	YES
06	Coaxial attenuator (N Type)-10db	1	5000	5000	Vidyut Yantra Udyog	1-8-2010	YES
07	Matched Magic Tee-x band	2	2865	5730	Vidyut Yantra Udyog	1-8-2010	YES

Less discount @ 26 %

VAT @ 13.5 %

**Post Graduate Microwave Engineering Lab**

S.No	Equipment Name	Qty.	Rate	Cost	Make	D.O.P.	Wheteher in working condition
1	Microwave Test Bench(Gunn Based)/Compact Microwave lab kit(Ku Band)	01	95545	95545	Vidyut Yantra Udyog	1-8-2010	YES

2	Parabolic Antenna 60 cm dia,16 db gain with dipole feed-x band	2	5080	10116	Vidyut Yantra Udyog	1-8-2010	YES
3	Parabolic Antenna 60 cm dia,16 db gain with dipole feed Ku band	2	5080	10116	Vidyut Yantra Udyog	1-8-2010	YES
4	Coaxial N (F) to waveguide adapter(X-band)	2	1535	3070	Vidyut Yantra Udyog	1-8-2010	YES
5	Coaxial N (M) to waveguide adapter(x-band)	2	1535	3070	Vidyut Yantra Udyog	1-8-2010	YES
6	Coaxial N (F) to waveguide adapter(Ku band)	2	1820	3640	Vidyut Yantra Udyog	1-8-2010	YES
7	Coaxial N (M) to waveguide adapter(Ku band)	2	1820	3640	Vidyut Yantra Udyog	1-8-2010	YES
8	Microwave Power Meter with digital readout	1	58505	58505	Agilent Tech.	1-8-2010	YES
9	Coaxial Thermistor Mount 0.01 to 18GHz	1	161195	161195	H.P.	1-8-2010	YES
10	Multihole directional coupler-10db KU band	4	6980	27920	Vidyut Yantra Udyog	1-8-2010	YES
11	Magic Tee KU band	2	2550	5100	Vidyut Yantra Udyog	1-8-2010	YES
12	Rain Gauge Meter	1	15500	15500	HOBO		YES
13	HOBO Pendant Event Data Logger	1	12500	12500	HOBO		YES
14	HOBO Base Station	1	7500	7500	HOBO		YES
15	HOBOware Lite for Windows	1	5500	5500	HOBO		YES
16	HOBO U-12 Temp/RH/Light/External Data Logger	1	15000	15000	HOBO		YES

Discount @ 26 % on items in sr. no 1 to 7 & 10, 11, discount @ 15 % on items in sr. no.8 and 9 , @ 5% on items in sr. no. 12 to 16

VAT @ 13.5 % on all items except in sr. no 12 to 16 ( CST @5.25%)

**ETERNAL UNIVERSITY**  
Department of Mech. Engg.

**Mech. Engg. LAB**

<b>S.no.</b>	<b>Name of the Equipment</b>	<b>Qty.</b>	<b>Cost</b>	<b>Make</b>	<b>Date of Purchase</b>	<b>Wheteher in working condition</b>
1	Lancashire Boiler Model	1	Rs. 5,500.00	Gaur Scientific Works	11/4/2007	YES
2	Cornish Boiler Model	1	Rs. 5,300.00	Gaur Scientific Works	11/4/2007	YES
3	Locomotive Boiler Model	1	Rs. 5,500.00	Gaur Scientific Works	11/4/2007	YES
4	Cochran Boiler Model	1	Rs. 5,500.00	Gaur Scientific Works	11/4/2007	YES
5	Babcock and Wilcox Boiler Model	1	Rs. 5,600.00	Gaur Scientific Works	11/4/2007	YES
6	Sterling Boiler Model	1	Rs. 6,400.00	Gaur Scientific Works	11/4/2007	YES
7	Benson Boiler Model	1	Rs. 5,300.00	Gaur Scientific Works	11/4/2007	YES
8	Loffler Boiler Model	1	Rs. 5,300.00	Gaur Scientific Works	11/4/2007	YES
9	Valox Boiler Model	1	Rs. 5,300.00	Gaur Scientific Works	11/4/2007	YES
10	Lamount Boiler Model	1	Rs. 5,300.00	Gaur Scientific Works	11/4/2007	YES
11	Marcet Boiler Model	1	Rs. 6,400.00	Gaur Scientific Works	11/4/2007	YES
12	Nestler Boiler Model	1	Rs. 6,400.00	Gaur Scientific Works	11/4/2007	YES
13	Bernaulli's Apparatus	2	Rs. 61,400.00	Gaur Scientific Works	11/4/2007	YES
14	Venturimeter Test Rig	2	Rs. 65,000.00	Satish Brothers	5/4/2007	YES
15	Orificemeter Test Rig	2	Rs. 65,000.00	Satish Brothers	5/4/2007	YES

16	Torsion Appratus	2	Rs. 14,250.00	Satish Brothers	5/4/2007	YES
17	Dead Weight Pressure Gauge Tester	2	Rs. 76,000.00	Satish Brothers	5/4/2007	YES

**Rs. 3,49,450.00**

## Workshops

### **FITTING SHOP**

S.no.	Name of the Equipment	Qty.	Cost	Make	Date of Purchase	Wheteher in working condition
1	Anvil	1	Rs. 3,144.00	LAXMI INDUSTRIES	21/05/2007	YES
2	Anvil Stand	1	Rs. 3,647.00	LAXMI INDUSTRIES	21/05/2007	YES
3	Angle Plate	3	Rs. 5,998.00	LAXMI INDUSTRIES	21/05/2007	YES
4	Adjustable Wrench 12''	4	Rs. 1,068.00	LAXMI INDUSTRIES	21/05/2007	YES
5	Ball Pein hammer	8	Rs. 486.00	LAXMI INDUSTRIES	21/05/2007	YES
6	Cast iron B. Block (75x50x50), (100x63x63)MM	2	Rs. 2,668.00	LAXMI INDUSTRIES	21/05/2007	YES
7	Combination Set	1		LAXMI INDUSTRIES	21/05/2007	YES
8	Grinding Machine	1	Rs. 4,877.00	LAXMI INDUSTRIES	21/05/2007	YES
9	Degree Protector	4	Rs. 632.00	LAXMI INDUSTRIES	21/05/2007	YES
10	Depth Gauge 6'', 12''	8	Rs. 462.00	LAXMI INDUSTRIES	21/05/2007	YES
11	Spring Divider	10			21/05/2007	YES
12	Flat Chisel 6'', 8''	4	Rs. 532.00	LAXMI INDUSTRIES	21/05/2007	YES
13	Rough File (Flat, Half Round, square)	4				YES
14	Filler Gauge	4				YES
15	Flat Smooth File 12''	8				YES
16	Flat File 8'', 12''	15				YES
17	Grinding Wheel	1				YES

18	Hand Drill Machine	1	Rs. 3,447.00	LAXMI INDUSTRIES	21/05/2007	YES
19	H.S.S Drill Set	1	Rs. 8,774.00	LAXMI INDUSTRIES	21/05/2007	YES
20	Hand Reamer 10,12,14,18 MM	4	Rs. 3,845.00	LAXMI INDUSTRIES	21/05/2007	YES
21	Hand vice	4	Rs. 588.00	LAXMI INDUSTRIES	21/05/2007	YES
22	Hand Saw Frame	10	Rs. 784.00	LAXMI INDUSTRIES	21/05/2007	YES
23	Half Round File 8''	10				YES
24	Triangular File	6				YES
25	Inside & outside Caliper 6'', 8''	12	Rs. 1,008.00	LAXMI INDUSTRIES	21/05/2007	YES
26	Micro Meter 25-50 MM	1				YES
27	PVC File Handle	8				YES
28	Pipe Vice 1.5 ''	1				YES
29	Round File 8''	10				YES
30	Round Die Set	1				YES
31	Surface Plate 24x24 '' With Stand	1	Rs. 12,851.00	LAXMI INDUSTRIES	21/05/2007	YES
32	Screw Pitch Gauge	2	Rs. 794.00	LAXMI INDUSTRIES	21/05/2007	YES
33	Scribing Block	4	Rs. 936.00	LAXMI INDUSTRIES	21/05/2007	YES
34	Scrapers	4	Rs. 656.00	LAXMI INDUSTRIES	21/05/2007	YES
35	Smooth File 12''	4	Rs. 832.00	LAXMI INDUSTRIES	21/05/2007	YES
36	Screw Driver	20	Rs. 1,260.00	LAXMI INDUSTRIES	21/05/2007	YES
37	Steel Foot Rule	10	Rs. 1,188.00	LAXMI INDUSTRIES	21/05/2007	YES
38	Square File 12''	5			21/05/2007	YES
39	Tape & Round Die Set	1	Rs. 1,600.00	LAXMI INDUSTRIES	21/05/2007	YES
40	Tool Kit	2	Rs. 6,494.00	LAXMI INDUSTRIES	21/05/2007	YES
41	Triangular File 6''	4	Rs. 472.00	LAXMI INDUSTRIES	21/05/2007	YES
42	Tri square 6'' 12''	4				YES
43	Machine Vice	1				YES

44	Vertical Drilling Mach.	1	Rs. 17,747.00	LAXMI INDUSTRIES	21/05/2007	YES
45	Vernier Height Gauge	1	Rs. 17,477.00	LAXMI INDUSTRIES		YES

**Rs. 1,04,267.00**

### **Foundry Shop**

S.no.	Name of the Equipment	Qty.	Cost	Make	Date of Purchase	Whether in working condition
1	Blow lamp	2	Rs. 780.00	LAXMI INDUSTRIES	21/05/2007	YES
2	CRUCIBLE 20' 30NOS	10	Rs. 4,500.00	LAXMI INDUSTRIES	21/05/2007	YES
3	Draw spike Sharp edge & Sharp thread	10	Rs. 1,025.00	LAXMI INDUSTRIES	21/05/2007	YES
4	Gate Cutter	5	Rs. 350.00	LAXMI INDUSTRIES	21/05/2007	YES
5	Hand Riddle Round Shape	5	Rs. 900.00	LAXMI INDUSTRIES	21/05/2007	YES
6	Hand bellow	5	Rs. 2,475.00	LAXMI INDUSTRIES	21/05/2007	YES
7	Ladle 20 Kg, 30kg	2	Rs. 3,100.00	LAXMI INDUSTRIES	21/05/2007	YES
8	Moulding Box	10	Rs. 8,400.00	LAXMI INDUSTRIES	21/05/2007	YES
9	Rammer Round Square & Pean Shape	18	Rs. 2,700.00	LAXMI INDUSTRIES	21/05/2007	YES
10	Rapping Plate	1	Rs. 1,850.00	LAXMI INDUSTRIES	21/05/2007	YES
11	Strike of Bar	5	Rs. 1,975.00	LAXMI INDUSTRIES	21/05/2007	YES
12	Sprue Cutter	5	Rs. 550.00	LAXMI INDUSTRIES	21/05/2007	YES
13	Swab	5	Rs. 175.00	LAXMI INDUSTRIES	21/05/2007	YES
14	Smoother (Wooden & Aluminum)	5	Rs. 300.00	LAXMI INDUSTRIES	21/05/2007	YES
15	Sprit Level	10	Rs. 850.00	LAXMI INDUSTRIES	21/05/2007	YES
16	Sand Muller M/c	1	Rs. 34,500.00	LAXMI INDUSTRIES	21/05/2007	YES
17	Trowel	5	Rs. 325.00	LAXMI INDUSTRIES	21/05/2007	YES



18	Wooden rammer	6	Rs. 720.00	LAXMI INDUSTRIES	21/05/2007	YES
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19	Yankee Lifter	5	Rs. 425.00	LAXMI INDUSTRIES	21/05/2007	YES
20	Corner Slick	5	Rs. 1,150.00	LAXMI INDUSTRIES	21/05/2007	YES

**Rs. 67,050.00**

### **SMITHY SHOP**

S.no.	Name of the Equipment	Qty.	Cost	Make	Date of Purchase	Whether in working condition
1	Round Hallo Tong	10	Rs. 1,650.00	LAXMI INDUSTRIES	21/05/2007	YES
2	Side Wit Tong	10	Rs. 1,650.00	LAXMI INDUSTRIES	21/05/2007	YES
3	Square Tong	19	Rs. 3,135.00	LAXMI INDUSTRIES	21/05/2007	YES
4	Hot Chisel	10	Rs. 2,400.00	LAXMI INDUSTRIES	21/05/2007	YES
5	Swage	2	Rs. 7,520.00	LAXMI INDUSTRIES	21/05/2007	YES
6	Cold Chisel	10	Rs. 1,460.00	LAXMI INDUSTRIES	21/05/2007	YES
7	Drill Drift	5		LAXMI INDUSTRIES	21/05/2007	YES
8	Fuller	10	Rs. 1,560.00	LAXMI INDUSTRIES	21/05/2007	YES
9	Rocker	5		LAXMI INDUSTRIES	21/05/2007	YES
10	Pocker	5	Rs. 400.00	LAXMI INDUSTRIES	21/05/2007	YES
11	Steel Rule	5		LAXMI INDUSTRIES	21/05/2007	YES
12	Straight peen hammer	5		LAXMI INDUSTRIES	21/05/2007	YES
13	Cross Peen hammer	3	Rs. 431.00	LAXMI INDUSTRIES	21/05/2007	YES
14	Ball peen Hammer	3		LAXMI INDUSTRIES	21/05/2007	YES
15	Sledge Hammer	5		LAXMI INDUSTRIES	21/05/2007	YES
16	Punch	2	Rs. 364.00	LAXMI INDUSTRIES	21/05/2007	YES

17	Letter Punch	2	Rs. 1,122.00	LAXMI INDUSTRIES	21/05/2007	YES
18	Anvil 50kg, 100kg	4	Rs. 19,345.00	LAXMI INDUSTRIES	21/05/2007	YES

19	Bench Vice	7	Rs. 10,531.00	LAXMI INDUSTRIES	21/05/2007	YES
20	Swage Block	1	Rs. 21,965.00	LAXMI INDUSTRIES	21/05/2007	YES
21	Open Hearth Furnace	2	Rs. 58,948.00	LAXMI INDUSTRIES	21/05/2007	YES
			<b>Rs. 1,32,481.00</b>			

### **CARPENTRY SHOP**

<b>S.no.</b>	<b>Name of the Equipment</b>	<b>Qty.</b>	<b>Cost</b>	<b>Make</b>	<b>Date of Purchase</b>	<b>Whether in working condition</b>
1	Bastard File	10	Rs. 870.00	LAXMI INDUSTRIES	21/05/2007	YES
2	Ball Peen Hammer	6	Rs. 486.00	LAXMI INDUSTRIES	21/05/2007	YES
3	Bevel Square	4	Rs. 236.00	LAXMI INDUSTRIES	21/05/2007	YES
4	Cross Peen Hammer	4	Rs. 486.00	LAXMI INDUSTRIES	21/05/2007	YES
5	Claw hammer	3	Rs. 388.00	LAXMI INDUSTRIES	21/05/2007	YES
6	Carpentry Vice	3	Rs. 5,022.00	LAXMI INDUSTRIES	21/05/2007	YES
7	C Clamp	4	Rs. 1,256.00	LAXMI INDUSTRIES	21/05/2007	YES
8	Carpentry Try square	10	Rs. 680.00	LAXMI INDUSTRIES	21/05/2007	YES
9	Combination Stone	3	Rs. 392.00	LAXMI INDUSTRIES	21/05/2007	YES
10	Edge	4	Rs. 7,369.00	LAXMI INDUSTRIES	21/05/2007	YES
11	Chisel	2	Rs. 694.00	LAXMI INDUSTRIES	21/05/2007	YES
12	Hand Drill M/c	4	Rs. 1,388.00	LAXMI INDUSTRIES	21/05/2007	YES
13	Key Hole Saw	4	Rs. 272.00	LAXMI INDUSTRIES	21/05/2007	YES

14	Medal Jerk Plane	2	Rs. 1,036.00	LAXMI INDUSTRIES	21/05/2007	YES
15	Smoothing Plane	4	Rs. 1,576.00	LAXMI INDUSTRIES	21/05/2007	YES
16	Rabbit Plane	2	Rs. 1,148.00	LAXMI INDUSTRIES	21/05/2007	YES

17	Mortise Chisel	2	Rs. 614.00	LAXMI INDUSTRIES	21/05/2007	YES
18	Measuring tape	2	Rs. 716.00	LAXMI INDUSTRIES	21/05/2007	YES
19	Marking Gauge	4	Rs. 344.00	LAXMI INDUSTRIES	21/05/2007	YES
20	Oil Can	10	Rs. 340.00	LAXMI INDUSTRIES	21/05/2007	YES
21	Pincer Pliers	4	Rs. 524.00	LAXMI INDUSTRIES	21/05/2007	YES
22	Teeth Setter Pliers	4	Rs. 356.00	LAXMI INDUSTRIES	21/05/2007	YES
23	Wooden lathe	1	Rs. 41,891.00	LAXMI INDUSTRIES	21/05/2007	YES
24	Universal Wood working M/c	1	Rs. 48,477.00	LAXMI INDUSTRIES	21/05/2007	YES
25	Four Folding Rule	3	Rs. 348.00	LAXMI INDUSTRIES	21/05/2007	YES
26	Smooth File	4	Rs. 616.00	LAXMI INDUSTRIES	21/05/2007	YES
27	Steel Foot Rule	4	Rs. 480.00	LAXMI INDUSTRIES	21/05/2007	YES
28	Screw Driver	2	Rs. 820.00	LAXMI INDUSTRIES	21/05/2007	YES
29	Tenen Saw	3	Rs. 388.00	LAXMI INDUSTRIES	21/05/2007	YES
30	Triangular File	3	Rs. 544.00	LAXMI INDUSTRIES	21/05/2007	YES
31	Rip saw	4	Rs. 472.00	LAXMI INDUSTRIES	21/05/2007	YES

Rs.  
**1,20,229.0**  
**0**

### **WELDING SHOP**

S.no.	Name of the Equipment	Qty.	Cost	Make	Date of Purchase	Whetehe r in working conditio n
1	Welding Set 300amp	3	Rs. 11,500.00	DUA SONS	18/08/2007	YES

2	Spot Welding M/C	1	Rs. 34,691.00	LAXMI INDUSTRIES	13/06/2007	YES
3	Gas Welding Set Cylinder Oxy+acty)	1	Rs. 51,747.00	LAXMI INDUSTRIES	13/06/2007	YES
4	Tig welding Set With Cylinder	1	Rs. 67,474.00	LAXMI INDUSTRIES	13/06/2007	YES

5	Mig Welding Set With Cylinder	1	Rs. 74,751.00	LAXMI INDUSTRIES	13/06/2007	YES
6	Hand Shear Cutting M/C	1		LAXMI INDUSTRIES	13/06/2007	YES
7	Bench Vice	5	Rs. 7,235.00	LAXMI INDUSTRIES	13/06/2007	YES
8	Smooth File	18	Rs. 3,744.00	LAXMI INDUSTRIES	13/06/2007	YES
9	Flat basted File	5	Rs. 690.00	LAXMI INDUSTRIES	13/06/2007	YES
10	Hexa Frame	5	Rs. 440.00	LAXMI INDUSTRIES	13/06/2007	YES
11	Flat Tong	4		LAXMI INDUSTRIES	13/06/2007	YES
12	Welding Screen	15	Rs. 2,370.00	LAXMI INDUSTRIES	13/06/2007	YES
13	Welding Helmet	5		LAXMI INDUSTRIES	13/06/2007	YES
14	Chipping Hammer	11	Rs. 680.00	LAXMI INDUSTRIES	13/06/2007	YES
15	Welding Goggles	10	Rs. 480.00	LAXMI INDUSTRIES	13/06/2007	YES
						YES
16	Try Square	5	Rs. 570.00	LAXMI INDUSTRIES	13/06/2007	YES
17	Letter Punch	2	Rs. 1,122.00	LAXMI INDUSTRIES	13/06/2007	YES
18	Number Punch	2	Rs. 356.00	LAXMI INDUSTRIES	13/06/2007	YES
19	Steel Foot rule	6	Rs. 240.00	LAXMI INDUSTRIES	13/06/2007	YES
20	Welding gauge	5		LAXMI INDUSTRIES	13/06/2007	YES
21	Tin men Square	10		LAXMI INDUSTRIES	13/06/2007	YES
22	Steel rule (2Feet)	1		LAXMI INDUSTRIES	13/06/2007	YES
23	Soldering iron	10		LAXMI INDUSTRIES	13/06/2007	YES
24	Ball Pen hammer (300)	5	Rs. 880.00	LAXMI INDUSTRIES	13/06/2007	YES
25	Ball Pen Hammer (500)	7		LAXMI INDUSTRIES	13/06/2007	YES

26	Cross Pen Hammer	10		LAXMI INDUSTRIES	13/06/2007	YES
27	Hand Snip Cutter	5		LAXMI INDUSTRIES	13/06/2007	YES
28	Divider	5		LAXMI INDUSTRIES	13/06/2007	YES

29	Apron	10	Rs. 1,250.00	LAXMI INDUSTRIES	13/06/2007	YES
30	Gloves	10	Rs. 500.00	LAXMI INDUSTRIES	13/06/2007	YES
31	Welding Torch	1		LAXMI INDUSTRIES	13/06/2007	YES
32	Nozzle	5		LAXMI INDUSTRIES	13/06/2007	YES
33	TIG MIG Welding	2		LAXMI INDUSTRIES	13/06/2007	YES
34	Thimble	8		LAXMI INDUSTRIES	13/06/2007	YES
35	Chisel	10	Rs. 665.00	LAXMI INDUSTRIES	13/06/2007	YES
36	Swage block	1		LAXMI INDUSTRIES	13/06/2007	YES
37	Anvil	1		LAXMI INDUSTRIES	13/06/2007	YES
38	Wire Brush	5		LAXMI INDUSTRIES	13/06/2007	YES
39	Hose Clamp	3		LAXMI INDUSTRIES	13/06/2007	YES
40	Screw Driver	6		LAXMI INDUSTRIES	13/06/2007	YES
41	Welding Colour glass	17		LAXMI INDUSTRIES	13/06/2007	YES
42	Welding White Glass	36		LAXMI INDUSTRIES	13/06/2007	YES
43	File Handle	19		LAXMI INDUSTRIES	13/06/2007	YES
44	Wooden Hammer	8		LAXMI INDUSTRIES	13/06/2007	YES
45	Plancing hammer	5		LAXMI INDUSTRIES	13/06/2007	YES
46	Welding Holder	4	Rs. 712.00	LAXMI INDUSTRIES	13/06/2007	YES
47	Centre Punch	8		LAXMI INDUSTRIES	13/06/2007	YES
48	Welding Wire Gauge	4		LAXMI INDUSTRIES	13/06/2007	YES
49	Spark Lighter	8		LAXMI INDUSTRIES	13/06/2007	YES

**Rs.  
2,62,097.0**



**MACHINE SHOP**

S.no.	Name of the Equipment	Qty.	Cost	Make	Date of Purchase	Whether in working condition
1	Lathe machine	4	Rs. 2,53,800.00	RAMCO	18/08/2007	YES
2	Shaper machine	1	Rs. 1,27,477.00	LAXMI INDUSTRIES	21/05/2007	YES
3	Mechanical power hacksaw	1	Rs. 38,744.00		21/05/2007	YES
4	Pillar type drilling machine	1			21/05/2007	YES
5	Endless grinder machine	1	Rs. 4,877.00		21/05/2007	YES
6	Outside micrometer	3	Rs. 4,641.00		21/05/2007	YES
7	Vernier caliper	3	Rs. 8,631.00		21/05/2007	YES
8	Dial test indicator with magnetic stand	1	Rs. 6,874.00		21/05/2007	YES
9	Outside spring caliper	5	Rs. 270.00		21/05/2007	YES
10	Inside spring caliper	5	Rs. 270.00		21/05/2007	YES
11	Divider 6"	4	Rs. 270.00		21/05/2007	YES
12	Divider 12"	5	Rs. 540.00		21/05/2007	YES
13	Degree protector	5	Rs. 790.00		21/05/2007	YES
14	Depth gauges	5	Rs. 670.00		21/05/2007	YES
15	Try square 6"	5	Rs. 370.00		21/05/2007	YES
16	Try square 12"	5	Rs. 1,160.00		21/05/2007	YES
17	Letter punch & No punch 1/8"	5	Rs. 970.00		21/05/2007	YES
18	No punch 1/4"	5	Rs. 320.00		21/05/2007	YES
19	Steel foot rule	5	Rs. 240.00		21/05/2007	YES
20	Centre Drill	2	Rs. 694.00		21/05/2007	YES
21	Dead centre mt3 plane	4	Rs. 288.00		21/05/2007	YES





22	Grease gun	6	Rs. 2,682.00		21/05/2007	YES
23	Oil cane	10	Rs. 340.00		21/05/2007	YES
24	Lathe tool holder	1				YES
25	Knurling tool	6	Rs. 2,082.00	LAXMI INDUSTRIES	21/05/2007	YES
26	Turning tool holder 3/8"	1	Rs. 187.00		21/05/2007	YES
27	Boring bore size 5/16"	1	Rs. 297.00		21/05/2007	YES
28	Drill sleeve mt 2,3,3-4	6	Rs. 810.00		21/05/2007	YES
29	Drill stand	1	Rs. 74.00		21/05/2007	YES
30	Taper shank twist drill size	6				YES
31	Surface gauge	6				YES
32	Pipe wrenches	6	Rs. 804.00	LAXMI INDUSTRIES	21/05/2007	YES
33	Self centering chuck	1	Rs. 5,847.00	LAXMI INDUSTRIES	21/05/2007	YES
34	Screw pitch gauge	5	Rs. 1,985.00	LAXMI INDUSTRIES	21/05/2007	YES
35	HSS. Tool bit size 1/2* 4"	4	Rs. 4,062.00	LAXMI INDUSTRIES	21/05/2007	YES
36	HSS tool bit size 1/2*6"	6	Rs. 6,234.00	LAXMI INDUSTRIES	21/05/2007	YES
37	Combination pliers	2	Rs. 534.00	LAXMI INDUSTRIES	21/05/2007	YES
38	Ring spanner	50	Rs. 2,964.00	LAXMI INDUSTRIES	21/05/2007	YES
39	Screw driver	11	Rs. 820.00	LAXMI INDUSTRIES	21/05/2007	YES
40	Drill bit set	19	Rs. 8,774.00	LAXMI INDUSTRIES	21/05/2007	YES
41	Tap set	3	Rs. 897.00	LAXMI INDUSTRIES	21/05/2007	YES
42	Safety goggles	30	Rs. 1,440.00	LAXMI INDUSTRIES	21/05/2007	YES
43	Level 12"	10				YES
44	Bearing puller	4				YES
45	Drill chuck with spindle	4	Rs. 1,788.00	LAXMI INDUSTRIES	21/05/2007	YES
46	Double ended spanner	1	Rs. 247.00	LAXMI INDUSTRIES	21/05/2007	YES

47	Needle file set	6	Rs. 4,602.00	LAXMI INDUSTRIES	21/05/2007	YES
48	Grinding wheel	1				YES
49	Parting bits	3				YES
50	Ball pen hammer	6	Rs. 1,056.00	LAXMI INDUSTRIES	21/05/2007	YES
51	Revolving centre mt3 plane	4				YES
52	Flat smooth file	6				YES
53	Half round file bastered	6	Rs. 2,028.00	LAXMI INDUSTRIES	21/05/2007	YES
54	File flat bastered 6",8"	12	Rs. 1,518.00	LAXMI INDUSTRIES	21/05/2007	YES
55	Machine vice	1				YES

**Rs.**  
**5,03,968.0**  
**0**

<b>Grand Total of all Mech. LAB's &amp; Workshops</b>	<b>Rs. 15,39,542.00</b>
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**Akal College of Engineering & Technology**  
**Department of Electronics & Communication Engineering**  
**Equipment/Instrument purchased after UGC Expert Committee Visit on**  
**17-19 December, 2010**

S. N.	Equipment/ Instrument	Specificat ions	Supplier	Bill no.	Date of Purchase	Qty	Unit Cost	Amt	Tax	Total Cost
1	Telephone Trainer		Sciencetech Technologies	MS/10-11/312	24/02/2011	2	10049	20098	2512.25	22610.25
2	Automatic telephone exchg.(EP ABX)		Sciencetech Technologies	MS/10-11/313	24/02/2011	2	43544	87088	10886	97974
3	555 IC		Chawla Radios & Elect.	34395	13/08/2011	50	4.5	225	28.125	253.125
4	Relays	12V	Chawla Radios & Elect.	34395	13/08/2011	50	13.5	675	84.375	759.375
5	Reset Switches	4pin	Chawla Radios & Elect.	34395	13/08/2011	100	2	200	25	225
6	Preset(Variable Resistors Assaured Values)	500,1K,10K,50K,100K,10M ohm	Chawla Radios & Elect.	34395	13/08/2011	75	3	225	28.125	253.125
7	Resistor(1/4 Watts) 5% assorted values	100,220,330,500,800,1K,2.2K, 8.7K,10K Ohm	Chawla Radios & Elect.	34395	13/08/2011	1600	0.15	240	30	270
8	2 Pin connectors	With wire	Chawla Radios & Elect.	34395	13/08/2011	40	2	80	10	90
9	8pin connectors	(both side female)	Chawla Radios & Elect.	34395	13/08/2011	40	16	640	80	720
10	Burg strip	40x1	Chawla Radios & Elect.	34395	13/08/2011	20	3.5	70	8.75	78.75
11	Buzzers Small	12V	Chawla Radios & Elect.	34395	13/08/2011	10	10	100	12.5	112.5

12	7812	Regulator	Chawla Radios & Elect.	34395	13/08/20 11	50	7	350	43.75	393.75
13	IN 4007	Diode	Chawla Radios & Elect.	34395	13/08/20 11	100	0.4	40	5	45
14	BC557,547	Transistor PNP,NPN	Chawla Radios & Elect.	34395	13/08/20 11	200	0.7	140	17.5	157.5
15	Capacitor	1000/25V	Chawla Radios & Elect.	34395	13/08/20 11	50	4	200	25	225
16	Capacitor	2200/25V	Chawla Radios & Elect.	34395	13/08/20 11	50	8	400	50	450
17	Capacitor	100/25V	Chawla Radios & Elect.	34395	13/08/20 11	50	1	50	6.25	56.25
18	Capacitor	10nf/25V	Chawla Radios & Elect.	34395	13/08/20 11	50	0.8	40	5	45
19	Disc Capacitor	33pf	Chawla Radios & Elect.	34395	13/08/20 11	50	0.3	15	1.875	16.875
20	LED's	Yellow	Chawla Radios & Elect.	34396	13/08/20 11	50	0.8	40	5	45
21	LED's	Red	Chawla Radios & Elect.	34396	13/08/20 11	100	0.75	75	9.375	84.375
22	LED's	Green	Chawla Radios & Elect.	34396	13/08/20 11	50	0.8	40	5	45
23	LED's	Blue	Chawla Radios & Elect.	34396	13/08/20 11	50	2	100	12.5	112.5
24	Seven Segment Display	Common Anode	Chawla Radios & Elect.	34396	13/08/20 11	80	5	400	50	450
25	AT89S51, AT89S52	Microcon troller	Chawla Radios & Elect.	34396	13/08/20 11	50	45	2250	281.2 5	2531.2 5

26	PIC16F877	Microcon troller	Chawla Radios & Elect.	34396	13/08/20 11	2	125	250	31.25	281.25
27	Tin Wire	Wire	Chawla Radios & Elect.	34396	13/08/20 11	3	75	225	28.12 5	253.12 5
28	Single Stand Wire	wire	Chawla Radios & Elect.	34396	13/08/20 11	3	165	495	61.87 5	556.87 5
29	Nose Plier		Chawla Radios & Elect.	34396	13/08/20 11	8	50	400	50	450
30	Wire Cutter		Chawla Radios & Elect.	34396	13/08/20 11	8	60	480	60	540
31	Tweezer		Chawla Radios & Elect.	34396	13/08/20 11	10	12	120	15	135
32	Bit	25W soldren	Chawla Radios & Elect.	34396	13/08/20 11	20	45	900	112.5	1012.5
33	Soldering flux		Chawla Radios & Elect.	34396	13/08/20 11	10	7	70	8.75	78.75
34	Soldering Wire	500g	Chawla Radios & Elect.	34396	13/08/20 11	3	550	1650	206.2 5	1856.2 5
35	Heat Sink		Chawla Radios & Elect.	34396	13/08/20 11	50	3	150	18.75	168.75
36	IR	Transmitt er & Receiver Pair	Chawla Radios & Elect.	34396	13/08/20 11	20	15	300	37.5	337.5
37	LDR		Chawla Radios & Elect.	34397	13/08/20 11	20	5	100	12.5	112.5
38	ULN2003		Chawla Radios & Elect.	34397	13/08/20 11	10	8	80	10	90
39	4N35		Chawla Radios & Elect.	34397	13/08/20 11	40	5	200	25	225
40	Thermistor		Chawla Radios & Elect.	34397	13/08/20 11	20	8	160	20	180

41	Crystal Oscillator	11.0592 MHz	Chawla Radios & Elect.	34397	13/08/2011	50	5	250	31.25	281.25
42	IC Base	6 PIN	Chawla Radios & Elect.	34397	13/08/2011	40	1	40	5	45
43	IC Base	16 PIN	Chawla Radios & Elect.	34397	13/08/2011	10	2	20	2.5	22.5
44	IC Base	40PIN	Chawla Radios & Elect.	34397	13/08/2011	70	3.5	245	30.625	275.625
45	PCB	General Purpose	Chawla Radios & Elect.	34397	13/08/2011	50	20	1000	125	1125
46	Fuse	1,2,5 AMP	Chawla Radios & Elect.	34397	13/08/2011	120	2.5	300	37.5	337.5
47	Fuse Holder	PCB Mount	Chawla Radios & Elect.	34397	13/08/2011	50	4	200	25	225
48	AC Indicator		Chawla Radios & Elect.	34397	13/08/2011	50	6	300	37.5	337.5
49	2 Pin Main Lead		Chawla Radios & Elect.	34397	13/08/2011	10	23	230	28.75	258.75
50	SPDT	Toggle Switch	Chawla Radios & Elect.	34397	13/08/2011	20	10	200	25	225
51	LCD	16*2	Chawla Radios & Elect.	34397	13/08/2011	10	95	950	118.75	1068.75
52	IN4007	Diode	Chawla Radios & Elect.	34397	13/08/2011	30	0.4	12	1.5	13.5
53	Resistors	1/2 Watt	Chawla Radios & Elect.	34397	13/08/2011	30	0.4	12	1.5	13.5
54	Transformer 12V	1.5 Amp	Chawla Radios & Elect.	34398	13/08/2011	10	225	2250	281.25	2531.25

55	Breadboard		Chawla Radios & Elect.	34398	13/08/20 11	20	75	1500	187.5	1687.5
56	7805	Regulator	Chawla Radios & Elect.	34398	13/08/20 11	50	7	350	43.75	393.75
57	PCB	Small Dot	Chawla Radios & Elect.	34398	13/08/20 11	50	8	400	50	450
58	Battery	9V	Chawla Radios & Elect.	34398	13/08/20 11	10	22	220	27.5	247.5
59	Soldering Iron	25 W	Chawla Radios & Elect.	34398	13/08/20 11	10	90	900	112.5	1012.5
60	Transforme r 12-0-12	1 Amp	Chawla Radios & Elect.	34398	13/08/20 11	10	160	1600	200	1800
61	Transforme r 12-0-12	250mA	Chawla Radios & Elect.	34398	13/08/20 11	15	58	870	108.7 5	978.75
62	Tact Switch	Big	Chawla Radios & Elect.	34398	13/08/20 11	100	3.5	350	43.75	393.75
63	Programme r(8051)	89 series	Chawla Radios & Elect.	34399	13/08/20 11	1	3000	3000	375	3375
64	PCB	Big Size	Chawla Radios & Elect.	34504	20/08/20 11	50	30	1500	187.5	1687.5
65	8051 Prog rammer		AmpTroni cs	DS6911	6/9/2011	1	1200	1200	24 Freigh t 76	1300
66	PIC Prog rammer		AmpTroni cs	DS6911	6/9/2011	1	1200	1200	24 Freigh t 76	1300
Grand Total										Rs.
1,55,667.5										





# I.T. DEPARTMENT OF ETERNAL UNIVERSITY

Equipment/Instrument purchased after the UGC visit 17-19 December, 2010

Sr. No.	Equipment/Instrument	Supplier	Bill/ Invoice No.	Date of Purchase	Qty	Unit Cost (Rs.)	Amount (Rs.)	Tax (Rs.)	Total Cost (Rs.)
1.	D-Link DWL-3200 AP	Ost Electronics Ltd.	12100367	25/04/12	2	6,500/-	13,000/-	650/-	13,560/-
2.	HP NC 382T PCIE SVR Adapter	Lemon System Solutions	70	30/04/12	2	7,509/-	15,618/-	781	16,399/-
3.	18 AH Quanta Batteries	Agri Tech Solutions	30	22/04/12	48	1,445/-	78,897/-	9532.32	78,897/-
4.	Ideal Computer care 6 KVA Delta online UPS 12V18AH & 16 Battery Rock		71	03/03/12	1	66531/-	-	6419	72,950/-
5.	Yamaha Speakers S 300	Audio ZZ	836	05/09/12	1	35,500/-	-	Include d 5% Vat	35,500
6.	120" x 90" screen Tuberal Motor with remote	ABOTT & ABOTT	2310	03/09/12	1	18,000/-	-	CST 12.50	20,363/-
7.	Studio Master Wireless Microphone RR-12 (Colour Mike) Studio Master Wireless Microphone KR-12 Hand Held	Melody House	39	30/08/12	4	11500/-	46,000/-	Surcharge - 5%-112	46,000/-
8.	39M 5797-8GB(2x4 GB) PC-2-5300 CLS DDR2 Memory	Fore Solutions	VAT-Fore-12-13-247	03/09/12	3	9047/-	27142.80	1357.14/-	28,500/-
9.	67"x50"	ABBOT	2375	31/10/12	2	2300/-	4600/-	-	15159/-

	screen Ceiling Mounting kit VGA cable 15 Mt VGA cable 10 Mt	and ABBOT			4 3 2	1200/- 900/- 650/-	4800/- 2700/- 1300/- CST 16.75 Surchar ge.83		
10.	DGS 12 to 20 Switch	OST Electronics Ltd.	12104846	20/12/12	2	9360/-		937/-	19,656/-
11.	Mother Board RAM- 2 GB HDD	Sudershan Computers	574	18/12/12	5 10 1	2900/- 690/- 3450/-		Include d tax	24,850/-
12.	Benq Mx 716 projector	OST Electronics Ltd.	12401674	17/11/12	2	47,450/-	94,900/-	13,048/ -	1,07949/ -
13.	Intel ATOM processor & Board D2 550 RAM 2 GB- DDR-3 K/B Logitech	Sudershan Computers	556	4/12/12	20 20 20	3800/- 750/- 610/-	76,000/- 15,000/- 12,200/-	Include d tax	1,03200/ -
14.	BNQMON 1163 LCD 18.5 “ U MAX Cabnat U MAX Liw Wire SMP	Neotrick Informatiq ue Ltd	HIM 11CDS 446	27/10/12	20 20 20	4,690/ 950/- 399/-	93,800/- 19,000/- 7,980/-	5947.77 /-	1,24916. 72/-
15.	42 U Server Rack	Computer Solutions	CS/12/13/ RT 4830	22/2/12	2	31,990/-	63,980/-	3,199/-	67,179/-
16.	Back Plane	IBM India Pvt Ltd.	NB 3559	22/2/12	1	5745/-		287/-	6,032/-
17.	Win Starter 7 SUGL OLP Acdmc Ligalization get Geneun Dsktp Edu ALNG LicsapR OLVE1 yr Win Server -ALNG Licsapk OLVE 1 YAP	Iris Unified Technology Ltd	DEL TXI/1201/ 760-	2/12/11	150 35 3 7	1,995/ 2300/ 5460/- 320/-			4,59322/ -

18.	BENQ 15.8" BENQ 15.8"	Neoteric Informativ e	20895	29/2//12	5 5	3476/- 3476/-	17,380/- 69,520/-	4,278/-	89,876.3 3/-
19.	Intel ATOM Kit RAM-2 GB Cabinet	Sudershan Computers and communica tion	674	16/3/12	25 25 25	3350/ 775/ 1450/	83,750/- 19375/ 36250/-	Include d Tax	139375/-
20.	DGS-1210- 24 CR-WM-6E CCM-1 CMA NRJ NFP NCR	Electronic Limited	11106537	22/2/12	1 1 1 2 12 12 1	12200/- 21450/- 15000/- 110/- 210/- 210/- 5250/-	12200/- 2145/- 150/- 110/- 210/- 210/- 5250/-	1124/-	23,609/-
21.	Intex MM Headphone Mega black Logtech Headphones H 250	Vardhman Computers	25890	7/1/12	35 5	138/- 810/-		4600/- 3857/-	88,80/-
22	Comon Laser Shot LBP 5056	OST Electronic Ltd	11105038	14/12/11	1	18300/-		915/-	19,215/-
23	Dell Power Edge R 710 Server	Lemon System Solutions Pvt Ltd	199	18/11/11	1	215999		10800/-	2,26799/ -
24.	NAS Serve r	Neotrick Informatiq ue Ltd	2011/Jun e/001	18/6/11	1	33500/-		1675/-	35175/-
25.	Access Point Wireless DGS-1210- 24 IO BOX Single IO BOX Single Mount Box Rack Net work Cable tie Mounting Hardware Set INTEX Mouse INTEX Mouse OPTI Flash	Vardman Computer Prooduds	24570	21/4/11	3 3 3 50 1 3 1 20 10 200	745/- 13300/- 220/- 33/- 3217/- 157/- 100/- 125/- 125/- 183/-		4.762%	169178.9 5/-

	Patch Cable								
26.	6 KVA Delta On Line UPS DC Interlink Cable Freight	Ideal Computer Care	003	5/10/11	1 15	4200/- 30/- 1000/-		3696/-	47646/-
27	Digilimp cat-6 Panel Antena Pigtail Cable RF Cable Surg Protector	OST Electronics Ltd	11102134	16/7/11	5 2 2 2	5238/- 4200/- 300/- 2100/- 1400/-		2109/-	44300/-
28	Dell Projector 1510X	JCBL Ltd	151	16/6/11	6	31990/-		9597/-	201537/-
								Grand Total	22,46,02 4.03/-

# Akal Institute of Renewable Energy and Research

Equipment/Instrument purchased after UGC Expert Committee

Visit on 17-19 December, 2010

Sr. No.	Equipment/Instrument	Supplier	Bill	Date of Purchase	Qnty.	Amount Rs.	Total Cost Rs.
1.	ETC type Solar water heating System 100 LPD capacity	M/s Shakti Traders Anurag Bhawan Lower Khalini Shimla - 171009	1117 – Dated 6 <sup>th</sup> May, 2012	6 <sup>th</sup> May, 2012	1	Rs. 25,000/- (Discount) 9000/-	16,000/-
Grand Total -							Rs. 16000/-