

**Details of Equipment and Software purchased under TEQIP
Department of Electronics and Communication Engineering**

S.No.	Equipment/Software	Year of purchase	Amount
1.	DSB/SSB AM Transmitter (2) DSB/SSB AM receiver (2) Frequency modulation/Demodulation (2) Noise audio amplifier (2)	2004-05	1,04,000=00
2.	Radar Training system	2004-05	93,600=00
3.	ISDN Simulator	2004-05	2,18,400=00
4.	EPABX Trainer	2004-05	52,000=00
5.	Antenna trainer	2004-05	1,68,729=00
6.	(i) Sampling & Reconstruction (2) (ii) TDM Pulse amplitude modulation/demodulation (2) (iii) Delta adaptive delta & Delta sigma modulation, & Demodulation (2) (iv) Data formatting & Carrier modulation transmitter trainer (2) (v) Carrier demodulation & data reforming receiver (2)	2004=05	1,25,400=00
7.	(i) PAM-PPM-PWM modulation & demodulation (2) (ii) CDMA Direct sequence spread spectrum (1 No.) (iii) TDM pulse code transmitter (2) (iv) TDM pulse code receiver (2)	2004-05	2,73,680=00
8.	AC Milli voltmeter, (6) AF output power meter (4)	2004-05	98,822=00
9.	Dual power supply (15) Multiple power supply (15)	2004-05	2,20,350=00
10.	Multisim Version 7 (25 users)	2004-05	2,60,000=00
11.	IBM Server (1 No.)	2004-05	3,97,000=00
12.	Microcontroller based 20 Mhz 2 Mv dual trace oscilloscope (30)	2005-06	5,53,500=00
13.	ENVI & IDL ver 4.2 (10 users)	2005-06	5,46,000=00
14.	Laser trainer (02)	2005-06	38,000=00
15.	Hydraulic door closer dual speed	2005-06	4,560=00
16.	Wire less hand held mic etc.	2005-06	19,508=00
17.	Optical variable attenuator (01) Optical laser source (01) Optical power meter (06) Optical tool kit (01)	2006-07	4,20,750=00
18.	DSP Starter kits (10Nos.)	2006-07	2,30,000=00
19.	Digital media developers kit	2006-07	3,40,000=00
20.	Finger print authentication kit	2006-07	55,000=00
21.	Full version code composer studio	2006-07	50,000=00
22.	Instrumentation laboratory equipment	2006-07	7,60,340=00
23.	PC based logic analyzer (01) GPS trainer (01) GSM Trainer (01) Mobile phone trainer (01) Colour TV Trainer (01)	2006-07	3,73,780=00

24.	PC Based optical time domain reflectometer	2006-07	6,95,000=00
25.	Digital storage oscilloscope 60MHz (2) Digital Storage oscilloscope 300 MHz (1)	2006-07	6,73,032=00
26.	Door closures	2006-07	4,556=00
27.	Tanner Tools (VLSI Design Lab)	2007-08	8,90,000=00
28.	PA System in the Gallery Hall	2007-08	41,185=00
29.	Microprocessors and Microcontroller kits	2007-08	1,10,800=00
30	Signal Wave Board (Supports Software Define Radio)	2007-08	2,60,637=00
Total amount			80,78,629=00

**Details of Equipment and Software purchased under TEQIP
Department of Mechanical Engineering**

S.No.	Equipment/Software	Year of purchase	Amount
1.	CNC Lathe Machine with tools, software, & accessories	2004-05	8,85,429=00
2.	CNC Milling machine with tools, software and accessories	2004-05	7,62,625=00
3.	Robot & automatic storage and retrieval system with tools, software and accessories	2004-05	11,01,205=00
4.	CAD/CAM software for Design, Analysis & modeling (IRON CAD v9.0 and EDGE CAM v9.0)	2004-05	2,40,000=00
5.	CAD/CAM Software for design, analysis and modeling, Ansys research v9.0	2004-05	4,52,000=00
6.	MATLAB version 7.0.1 release 14 service pack	2004-05	20,56,111=00
7.	Mathematica professional software ver 5.1 single user (Networking license)	2004-05	78,000=00
8.	SCORBOT ER9 (1 No.)	2005-06	20,32,160=00
9.	Universal robot kit (1 No.)	2005-06	93,600=00
10.	Computerized variable compression ratio	2006-07	12,12,750=00
11.	MSC ADAMS	2005-06	1,56,000=00
12.	Automatic multi specimen grinder & polisher	2006-07	3,37,480=00
13.	Precision diamond sectioning machine	2006-07	2,43,221=00
14.	Ericsson cupping tester (01) Metal spectroscope with accessories (01) Microhardness tester (01) Electrolytic polishing machine (01)	2006-07	14,23,000=00
15.	Lathe Tool Dynamo Meter, Milling Tool Dynamo meter, Drill Tool Dynamo Meter	2007-08	1,31,040=00
16.	Surface Grinding Machine	2007-08	1,97,600=00
17.	Auto Collimator (Dual Axis), Penta Prism for squareness & flatness measurement	2007-08	1,91,225=00
18.	Profile Projector	2007-08	5,30,400=00
19.	Parkinson type Gear testing Machine	2007-08	3,38,390=00
20.	Slip Guage Set	2007-08	3,01,995=00
21.	Optical Comparator	2007-08	15,600=00
22.	Automatic specimen mounting press with extra accessories	2007-08	2,18,160=00
Total amount			1,29,97,991=00

**Details of Equipment and Software purchased under TEQIP
Department of Civil Engineering**

S.No.	Equipment/Software	Year of purchase	Amount
1.	Software for analysis of structures (5 users)	2004-05	1,95,000=00
2.	QE-PRO Software for building estimator	2004-05	70,000=00
3.	Software for structural analysis and Design optimization of structures and bridges	2004-05	1,95,000=00
4.	Software for structural analysis, reinforced concrete design suite and drafting (5 users)	2004-05	75,000=00
5.	Software for reinforced concrete design suite	2004-05	75,000=00
6.	Software for geographical information systems ARCGIS 9.0- Master Labkit on windows (Single user)	2004-05	5,50,000=00
7.	Auto Desk	2005-06	5,99,900=00
8.	Chemical Oxygen demand with its accessories (01)	2006-07	96,249=00
9.	Dissolve oxygen meter with accessories	2006-07	3,64,789=00
10.	Atomic absorption spectro meter with its accessories	2005-06	20,21,259=00
11.	PLAXIS Professional ver 8. PLAXIS Dynamics module PLAX flow module	2006-07	8,10,160=00
12.	Digital Noise Level Meter	2007-08	39,520=00
13.	Electronic Total Station	2007-08	8,07,000=00
14.	Electronic Total Station	2007-08	4,63,775=00
15.	Batteries	2007-08	12,300=00
16.	Electronic Direct Share Operators	2007-08	4,46,250=00
17.	Digital Balance	2007-08	38,000=00
18.	Proving Rings	2007-08	61,875=00
19.	Pundit Pulse and Transducers	2007-08	3,68,952=00
20.	Rebar Scanner, Concrete Test Hammer, HR Meter and Jaw Crusher	2007-08	5,18,290=00
21.	Alkali Silica Reaction Estimator	2007-08	32,670=00
22.	Microprocessor based EC meter	2007-08	17,657=00
23.	High performance probe system	2007-08	2,77,150=00
24.	Cyclic triaxial compression test system	2007-08	13,76,570=00
25.	Dynamic control system & software	2007-08	14,73,420=00
26.	Pressure system accessories of cyclic triaxial system	2007-08	11,50,010=00
27.	Dell power edge 2900 series computer server	2007-08	1,90,000=00
28.	Tile testing unit	2007-08	50,981=00
29.	Concrete aggregate testing instrument	2007-08	2,84,200=00
30.	Poroscope	2007-08	3,00,800=00
31.	Cube cylinder beam moulds	2007-08	1,80,544=00
32.	Pulvarizer	2007-08	45,136=00
33.	Concrete permeability testing apparatus	2007-08	84,630=00
Total amount			1,32,72,087=00

**Details of Equipment and Software purchased under TEQIP
Department of Electrical and Electronics Engineering**

S.No.	Equipment/Software	Year of purchase	Amount
1.	Software for substation grounding useful for substation grounding, grid design and analysis optimizing the desing of new grid or reinforcing the existing grid, multiground + with following modules RESAP, MALT, FCDIST, TRALIN, SPLITS (Single user)	2004-05	7,18,848=00
2.	Software for power electronics, simulation for analysis and design of power converters and motor drives (20 users)	2004-05	3,67,500=00
3.	Multisim Version 7 (25 users)	2004-05	2,60,000=00
4.	Software for distribution analysis Software for power flow module Software for fault analysis Software for harmonic analysis (20 users each)	2004-05	3,50,000=00
5.	Software for dynamic simulation and transient stability to simulate dynamic system to sudden changes & disturbances in electrical power systems (20 Users)	2004-05	4,68,000=00
6.	Software for protective device coordination useful for both industrial and power distribution feeders	2004-05	2,49,600=00
7.	Digital Storage Oscilloscopes (2 Nos.)	2005-06	1,19,000=00
8.	Analog digital power scopes (6 Nos.)	2005-06	1,35,000=00
9.	30 MHz Dual channel 4 trace oscilloscope (2 Nos.)	2005-06	33,000=00
10.	Complete experimental setup to study under frequency relay and its setting	2005-06	12,28,500=00
11.	Stepper motor trainer kits (2 Nos.) DC Jones chopper trainer kits (2 Nos)	2006-07	29,050=00
12.	Single phase cyclo converter (2)	2006-07	57,100=00
13.	SCR, MOSFET, IGBT modules, commutation circuit module, single phase series Inverter, elevator simulator, traffic light controller, real time clock, single phase fully controller bridge converter, three phase fully controller bridge converter, etc.	2006-07	4,74,345=00
14.	5KVA Insulation Tester	2007-08	1,19,000/-
15.	Microprocessors and Microcontroller kits	2007-08	1,10,800/-
16.	AC-DC Rectifier Unit	2007-08	1,74,000/-
Total amount			48,93,743=00

**Details of Equipment and Software purchased under TEQIP
Computer Science and Engineering**

S.No.	Equipment/Software	Year of purchase	Amount
1.	IBM Server 1 No.	2004-05	3,97,000=00
2.	Mercury win runner (01)	2006-07	3,65,000=00
3.	SILK testing tool (01)	2006-07	3,45,000=00
4.	SPSS Clementine 9.0	2006-07	7,00,000=00
5.	Oracle 10G data base enterprise edition	2006-07	6,66,000=00
6.	Oracle 10G Internet application server (01)	2006-07	9,69,100=00
7.	Oracle 10G Internet Developer suite (01)	2006-07	1,68,000=00
8.	Symantic anti virus enterprise edition (49) Symantic enterprise edition media (01)	2006-07	90,700=00
9.	MKS LEX and YACC (01)	2006-07	35,000=00
10.	Power 5 RISC server	2006-07	8,45,000=00
11.	Informatica software	2006-07	8,35,000=00
12.	Cognos 8 BI Software		8,40,000=00
13.	Rational Rose Software		2,95,000=00
14.	Qualnet (Network License Software)		6,43,750=00
Total amount			71,94,550=00

**Details of Equipment & Software purchased under TEQIP
Common items**

S. No.	Equipment/Software	Year of purchase	Departments Where they are located	Amount
1.	Intel Pentium –IV processor @ 2.8 GHz (35 Nos.)	2004-05	EEE- 20, Library- 01 Princippal – 01 Mechanical – 12 TEQIP office - 01	11,89,650=00
2.	LCD Projectors (2 Nos.)	2004-05	ME – 01, CSE - 01	3,17,712=40
3.	HP all in one laser print, fax, scan and copy	2004-05	Principal Room	18,300=00
4.	10 KVA UPS (12) 2 KVA UPS (01)	2004-05	10 KVA UPS ECE- 03, EEE – 03 CSE- 02, Civil - 02 ME – 02, CSE - 01 (2 KVA)	17,74,365=00
5.	1.5 Ton airconditioners (25)	2005-06	CE – 06, EEE – 05 ECE – 09, CSE - 05	6,17,500=00
6.	IBM Computers (400)	2005-06	ME-55, CE-70 EEE-50, ECE-107 CSE-100, Office-02 Library-01, T&P-01 Physics-01, Maths-01 Book bank-01, HSS-01 Principal-01 Chemistry-01 Nodal center-04 TEQIP-01 Vice Principal-01 Academic Section-02	1,17,34,250=00
7.	Windows XP professional (100) Windows server std 2003 (1No.) Windows server CAL 2003 (100 Nos.) SQL Server std edition (01) SQL CAL 2005 win 32 (100)	2005-06	ECE	4,70,135=00
8.	MSDN Academic alliance (05)	2005-06	ECE – 01, CSE – 01 EEE – 01, CE – 01 ME - 01	1,65,000=00
9.	MS office 2003 (100) MS office English media kit (01)	2005-06	ECE	2,54,300=00
11.	HP Laser printer (30) HP laser printers with network support (10)	2005-06	Network Printer 2420 Nodal Center – 01 EEE – 01 ME – 01 CE – 01 ECE – 03 CSE – 03 1020 Printers CSE – 04, ECE – 04, CE – 04, ME – 04 EEE – 04, Office – 04 Academic Section – 01 Placement office – 01 Maths Dept., - 01 Civil Maintenance – 01 Library – 01, HSS - 01	6,36,000=00
12.	Photophone overhead projector (15)	2005-06		1,70,100=00
13.	Digital still camera TEQIP office	2005-06	TEQIP Office	19,995=00
14.	MATLAB ver 7.1 (50 users)	2006-07	ECE	4,41,584=00
15.	Statistics tool box (5 Nos.) CDMA reference block set (5 Nos.) Communication block set (5 Nos.) Communication tool box (10 Nos.) Wavelet toolbox (10 Nos.)	2006-07	ECE	4,91,535=00

	Fixed point toolbox (2 Nos.) RF tool box (2 Nos.) RF block set (2 Nos.) Filter Design tool box (25 Nos) Filter HDR coder (5 Nos.) <i>Centralized facility but available in ECE Dept.</i>			
16.	Neural Network toolbox (15 Nos.) Curve fitting toolbox (5 Nos.) Fuzzy logic tool box (15 Nos.) Signal processing tool box (25 Nos.) Link for CCS (5 Nos.) Image processing toolbox (25 Nos) Image acquisition tool boxes (2 Nos.) Signal processing block set (10 Nos) Video and Image processing block set (5 Nos.) Embedded target (5Nos.) <i>Centralized facility but available in ECE Dept.</i>	2006-07	ECE	7,43,059=00
17.	MATLAB report generator (1) MATLAB compiler (1) SIM power system (5) SIMULINK response optimization (5) SIMULINK control optimization (5) SIMULINK control design (10) SIMULINK accelerator (1) SIMULINK (25) SIMULINK report generator (1) SIMULINK fixed point (1) SIMULINK system identification tool box (5) <i>Centralized facility but available in ECE Dept.</i>	2006-07	ECE	6,60,724=00
18.	Optimization tool box (5 Nos.) Genetic Algorithm direct search tool box (5) Partial differential equation tool box (5) Spline tool box (5) Data acquisition tool box (2) Data base tool box (1) Instrument control toolbox (5) Real time workshop (5) Controls systems toolbox (15) <i>Centralized facility but available in ECE Dept.</i>	2006-07	ECE	4,63,313=00
19.	42" Plasma display panel (03) Touch sensitive interactive white board (3) Digital visual presenter (06) Digital copier (06)	2006-07	Display Panels CE-01, ECE-01 ME-01 Interactive white boards CE-01, ECE-01 ME-01 Digital Visual Presenter EEE-01, CE-01 T&P-01, ME-01 ECE-01, CSE-01 Digital Copiers CSE-01, EEE-01 CE-01, ECE-01 ME-01, Nodal Center-01	13,74,000=00
20.	Multi media projector (06)	2006-07	EEE-01, CE-01 T&P-01, ECE-01 ME-01, CSE-01	5,70,000=00
21.	20 KVA UPS (03) 10 KVA UPS (02)	2006-07	20 KVA UPS ECE-01, CSE-02 10 KVA UPS ECE-02	12,15,545=00

22	Active components for campus wide networking Centralized facility	2006-07	Centrally available	52,94,540=00
23.	4 KVA voltage stabilizer (3 Nos.)	2006-07	Principals' Room	5,850=00
24.	1.5 Ton airconditioners (3 Nos.)	2006-07	Principals' Room	75,750=00
25.	High end server (01) Rack server (02)	2006-07	ECE for campus wide networking	8,45,300=00
26.	Ceiling mounts	2006-07	CE	13,000=00
27.	Tally software	2006-07	TEQIP office	10,483=00
28.	Water Dispensing Machine 2007-08	2007-08	Principal's room	7,800=00
29.	2 KVA 2 hours Back Batteries	2007-08	Office	19,588=00
30.	Passive Components for Campus wide Networking	2007-08	Centralized facility	30,44,096=00
31.	Air conditioners (30 Nos.)	2007-08	ECE-07, ME-05 CE-02, EEE-05 T&P-03, CSE-08	6,24,000=00
32	HP desk top computers Dept: HSS dept. (through CSE)	2007-08	HSS Dept., (through CSE)	13,56,000=00
33	Personnel computers for TDP Dept: Centralized computer lab (Through CSE)	2007-08	Tribal development plan (through CSE)	5,30,000=00
34.	Xerox machine for the library and office with 2 KVA stabilizers (2)	2007-08	Library: 01 Office: 01	1,64,910=00
35.	Computer head sets	2007-08	HSS Dept., (through CSE)	17,500=00
36	English language laboratory software	2007-08	HSS Dept., (through CSE)	75,000=00
37.	Campus wide networking bill partial amount	2007-08	Centralized facility	6,96,286=00
Total amount				3,61,07,170=00

Books & LRs

S.No.	Books	Year of purchase	Amount
1.	Purchase of Library books	2005-06	11,60,396=00
2.	Purchase of Library books	2006-07	19,08,214=00
3.	Purchase of Library books	2006-07	2,45,324=00
4.	Purchase of Library books	2007-08	3,275=00
5.	Purchase of Library books	2007-08	14,56,957=00
6.	Purchase of Library books	2007-08	2,85,604=00
7.	Purchase of Library books	2007-08	6,53,993=00
8.	Purchase of Library software	2007-08	2,00,000=00
9.	Purchase of Library books	2007-08	1,21,163=00
Total amount			60,34,926=00

Furniture

S.No.	Equipment/Software	Year of purchase	Amount
1.	Computer table (TEQIP office)	2004-05	2,000=00
2.	Godrej storwels (TEQIP)	2004-05	14,500=00
3.	Office table (TEQIP Office)	2004-05	4,250=00
4.	Modular furniture for 257 computers	2005-06	20,57,426=00
5.	Double sided steel book rack with stand (Library)	2005-06	1,45,501=00
6.	Single sided steel book rack with stand (library)	2005-06	82,789=00
7.	Computer chairs with arms	2005-06	9,46,400=00
8.	Four door book cases (30)	2005-06	1,98,120=00
9.	Storewell plain (115)	2005-06	11,01,820=00
10.	Library book supporters	2005-06	17,500=00
11.	Modular furniture (56)	2006-07	4,48,310=00
12.	Modular workstations furniture (77)	2006-07	6,66,808=45
13.	Godrej Table (Vice Principals' room) (1)	2006-07	53,390=00
14.	Godrej Table (Principals' room) (1)	2006-07	1,05,918=75
15.	Computer table	2006-07	4,500=00
16.	VAT difference amount paid @12.5% in lieu of 4% to Godrej	2006-07	3,13,509=00
17.	Godrej Table	2006-07	11,815=00
18.	Computer tables	2007-08	2,35,000=00
19.	Computer chairs	2007-08	2,92,500=00
20.	Modular furniture for computers	2007-08	5,24,996=00
Total amount			72,27,054=00

Equipment purchased under Services to Community head

Mechanical Engineering Department

S.No.	Equipment/	Year of purchase	Amount
1.	Bosch power tools for Workshop	2006-07	8,28,075=00
2.	Plastic injection moulding machine	2007-08	4,02,480=00
3.	Blow moulding machine	2007-08	3,51,000=00
Total amount			15,81,555=00

Civil Engineering Department

S.No.	Equipment/Software	Year of purchase	Amount
1.	High volume sample mode	2007-08	1,62,811=00
2.	Exhaust gas analyser	2007-08	1,94,150=00
3.	Diesel smoke meter	2007-08	1,21,125=00
Total amount			4,78,086=00

Equipment purchased under Networking of Institutes head

S.No.	Equipment/Software	Year of purchase	Amount
1.	Video conference equipment for point to point (5 Nos) To ECE, CSE, EEE, Mech, Civil Engg departments	2007-08	9,61,471=00
2.	Video conference equipment for five participants (Principals room)	2007-08	2,63,800=00
Total amount			12,25,271=00