APPENDIX 3

LIST OF IMPORTANT EQUIPMENT (MINIMUM) REQUIRED FOR TEACHING IN A CHEMISTRY DEPARTMENT

S/NO.	DESCRIPTION	QTY. REQD.
1.	Ultraviolet-Visible Spectrophotometer	2
2.	Infra-red Spectrophotometer	2
3.	NMR Spectrometer (Multiprobe)	1
4.	Gas Chromatograph-Mass Spectrometer	1
5.	Atomic Absorption Spectrophotometer	1
6.	Differential Scanning Colorimeter	1
7.	Differential Thermal Analyser	1
8.	Xray Diffraction Machine	11
9.	Electron Microscope	1
10.	Colorimeter	1
11.	Light Fastness Testing Machine	1
12.	Wash Fastness Testing Machine	1
13.	Membrane Osmometer	1
14.	Vapour Phase Osmometer	1
15.	Gel Permeation Chromatograph	1
16.	Light Scattering Photometer	1
17.	Automatic Viscometer	1
18.	Magnetic Susceptibility Balance	2
19.	Elemental Analyser	1
20.	Microanalytical Balance	1
21.	Ice Making Machines	4

APPENDIX 4

LIST OF IMPORTANT EQUIPMENT (MINIMUM) REQUIRED FOR TEACHING IN A COMPUTER SCIENCE DEPARTMENT

S/NO.	DESCRIPTION	QTY. REQD
	HARDWARE	
1.	CPU with minimum of 2 MB of main memory	1
2.	Disk Drive	1
3.	Tape Drive	1
4.	Line Printer (300 LPM)	1
5.	VDU Terminals (Ideally there should be one terminal per every 5 students)	6
	SOFTWARE	
6.	COBOL Compiler	
7.	FORTRAN Compiler	
8.	BASIC Compiler	
9.	PASCAL Compiler	
10.	C Language	
11.	DOMS	
12.	Word Processing	
13.	Time Sharing Operating System	

HARDWARE LABORATORY

14.	Logic Development System with necessary accessories	1
15.	Logic Analyser with Scope	4
16.	Micro Trainer Kits	6
17.	Digital Oscilloscopes	6

APPENDIX 5

LIST OF IMPORTANT EQUIPMENT (MINIMUM) REQUIRED FOR TEACHING IN A GEOLOGY DEPARTMENT

S/NO.	DESCRIPTION	QTY. REQD
1.	Atomic Absorption Spectrophotometer (Perkin-Elmer) Model 400 (Complete with accessories and spares)	1
2.	Ultra-violet/Visible Spectrophotometer, Cecil CE 505 (complete with accessories)	2
3.	Rock Cutting and Grinding Machine Tyoe Cutrock MK 3	2
4.	Hydraulic Press-Becham P3	1
5.	Rock Cutler-Cutrock GSP 201	1
6.	Lathe Machine Type Vuxford TUD 22	1
7.	Jaw Xrusher – Creston Model 001/A	1
8.	Colorimeter (Gallenkamp) Model COL-400 (complete with accessories)	2
9.	Sieve Shaker – Pas. Model 1972	1
10.	X-Ray Diffractometer (complete with accessories and spares) (Philips Model)	1
11.	X-Ray Fluorescence (complete with accessories and spares (Philips Model)	1
12.	pH Meter (with accessories and spares)	1
13.	Brunten Compasses (Bruntons)	66
14.	Field Hammers (Geological)	60
15.	Rock/Mineral Polishing Machine Model 28W 300	6
16.	Electron Microprobe Analyser (Philips Model)	1
17.	Titration Potentiometer (TLB-200 Gallenkamp) (with accessories and spares)	1
18.	Lloyd Gas Analyser (Gallenkamp) Model GAS-560-A	2
19.	Petrographic polarizing Microscopes (with 4-nose pieces and 19x, 12x eye-pieces)	50
20.	Binocular Microscopes (complete with accessories & spares)	50
21.	Hotspot Furnace (Muffle) 1000°C to 1100°C; Model FSE-250-010F (complete with spares & Accessories)	2
22.	OS Ovens, 250°C (Gallenkamp) Model Oven-230-526D (complete with spares and accessories)	2

Notes: All electrical appliances must be 220-230V AC.