

## A. Audio Studio:

SI No	Item description	Specifications	Compatible make/model to suit the existing equipment
1	Dictaphone for field recording	Continuous records up to 16 hrs, USB connectivity	SONY ICD P330F
2	Condenser Microphone with accessories and stand	Large Dual-Diaphragm Microphone Frequency response 20Hz to 20kHz (POP Filter for Studio Microphone)	Shure KSM44
3	Unidirectional Dynamic Microphone	Frequency response: 50 -13,000 Hz	Sony F720 / Shure SM58
4	Omnidirectional Dynamic Microphone	Frequency response: 50 to 12,000 Hz	Shure VP64AL
5	High End Editing System with Software and Hardware	<p><b>Hardware: Apple MAC Pro Quad:</b> 3GHz Dual-Core Intel Xeon 5100 series processor (maximum speed); 4GB 667MHz DDR2 ECC fully-buffered DIMM (FB-DIMM) memory; 1 x 250GB Serial ATA (3GB/s) 7200 rpm &amp; 2 x 500GB Serial ATA (3GB/s) 7200 rpm internal Hard Disk Drive; 1 x 16x SuperDrive with double-layer support (DVD+R DL/DVD±RW/CD-RW); 1 x 23-inch Apple Cinema HD Display; Nvidia Quadro FX 4500 PCIe card with 512MB of GDDR3 SDRAM (two dual-link DVI ports and one stereo 3D port); 1 x 10 Bit Uncompressed PCIe DeckLink Extreme card; Apple keyboard &amp; optical mouse, MAC os 10x (latest version)</p> <p><b>Software (Academic pack latest version for MAC &amp; Windows):</b>            1. Final Cut Studio complete consisting: Final Cut Pro, Soundtrack Pro, Motion2, DVD Studio Pro, Compressor, Cinema Tools, Apple Qmaster, Live Type etc.            2. Pro Tools Studio complete consisting with all Hardware &amp; Software: Avid Pro Tools LE, Digi 002, Digi 002 Rack, Mbox            3. Shake 4.1            4. Logic Express 7.2</p>	<p><b>Apple MAC Pro Quad</b>            Final Cut Studio &amp; Pro Tools            Studio Complete (latest version with hard copy manual for MAC &amp; Windows)</p>
6	Audio Monitor	Professional Audio Monitor	M-AUDIO MM-BX8A
7	Online UPS Systems ( 5 KVA / 4 KW)	True On-Line Double Conversion Architecture with Microprocessor Controlled IGBT-PWM Technology; Input Power Factor = 0.99; Input isolation Transformer; Battery Type = SMF (EXIDE make); Battery Back-up time = 2 hours at full load; Audible Noise = < 53 dBA; Certification : ISO 9001, ISO14001, CE, UL, EN 50091-1-1 / EN 62040-1-1 FCC class A, EN 50091-2 / EN 62040-2 Class A	
8	Microphone Stand (Table top)		
9	Microphone Stand (long)		
10	Audio Patch bay		
11	Audio Patch panel	16 XLR Female, 16 phono socket ( ¼ “), 8 phono mini socket	
12	Patch panel Rack	19” Rack with all accessories	
13	Wall plate	3 XLR Female, 3 phono socket( ¼ “”), 3 phono socket (3.5mm)	Neutrik
14	Split Air Conditioner	Low noise AC's for Radio Studio (1.5/2 Ton capacity)	

## B. Television Studio :

SI No	Item description	Specifications	Compatible make/model to suit the existing equipment
1	Tripod (for existing SONY DSR 570WSPL Camera)	Indigenous Tripod & Spreader with dolly; Fluid head with 100 mm bowl base; 7 steps horizontal & vertical drag; 2 pan bar; carrying capacity 15 to 30 kg with best quality soft carrying case	
2	Professional Studio Head Phone	Frequency response: 10-20kHz with Stereo unmatched plug 1/4" and 1/8"	SONY MDR-7506
3	Interview Microphone	High sensitivity (-54 dB), Frequency response (60 Hz to 17 kHz)	Sony F-112

4	Wireless lapels Mics systems	Lav Mic, Bodypack TX and Portable RX Wireless System (Channels 62 to 65) (complete package)	Sony UWP-C1/6264
5	14" flat screen consumer TV	RCA in/out, S-video in/out (auto select input source)	SONY
6	Gooseneck Microphone	18 inch long gooseneck mic with accessories and stand	Shure MX412SE/S
7	Audio Patch bay		
8	Audio Patch panel	16 XLR Male, 16 XLR Female, 16 phono socket	
9	Video Patch panel	16 BNC, 16 S-video, 16 RCA female socket	
10	Patch panel Rack	19" Rack with all accessories	
11	Wall plate	3 BNC, 3 S-video, 3 XLR Female, 3 phono socket	Neutrik
12	Cool light systems for Television Studio with manual Pantograph system, dimmer system, dimmer control panel and Pole operated light	55W BIAx 2G11 lamps having colour temperature of 3000K, 3200K & 5600K with compatible high intensity luminaries and connectors	Canara Cool Light Model : 1. CC-255Dx 2. CC-442Dx 3. CC-455Dx 4. CC-655Dx 5. PH-2.5M
13	Aluminum Ladder with dolly (8 feet)		
14	Video Cassette Player/recorder / DV recorder/player	Mini-DV/S-VHS Combo with firewire (IEEE1394) connectivity	JVC HRDVS3U (Silver )
15	Split Air Conditioner	Low noise AC's for Television Studio (1.5/2 Ton capacity)	

## C. Screening and Print Media Laboratory:

Sl No	Item description	Specifications	Compatible make/model to suit the existing equipment
1	Digital Camera	8.1 Mega Pixel Digital camera with 1GB Memory Stick. USB port for PC connectivity (with cable & driver), Rechargeable Battery, Charger, Carrying case (complete package with extra one battery and one 1GB memory stick)	
2	Digital SLR Camera (film base)	Auto/Manual Focus, FL 85 mm (with additional 135mm lens, battery and Carrying case)	
3	Multimedia Projector	3000 Lumens or higher , INPUT : 1x SVGA, 2x RCA, 1x Stereo audio, 1x S-VIDEO Accessories: 1 x 25 meters RGB Cable (with 2x15 pin D male connector); 2x 25 meters RCA cable (with 2x RCA male connector each cable) and wall mounting accessories	Sharp PG-MB60X
4	PA System with Speakers	A good Surround sound system with 4 speakers	Philips or Ahuja
5	Cordless Microphone	A good quality cordless microphone (at least 50 meters coverage)	Philips or Ahuja
6	Microphone stand (long)		Philips or Ahuja
7	Desk Top Publishing Computers (for Media Lab)	Intel Pentium D 915 Processor with Dual Core Processing; 1 GB DDR2 SDRAM at 533 MHz; 256 MB Video RAM; 160GB SATA II 7200 RPM Hard Drive with 8MB Data Burst Cache at 3GB/s; DVD Writer; 1.44 MB FDD; Optical Mouse; Keyboard; Speakers; Video Capturing card with Fireware port; 100/1000 MB NIC; 15" TFT Flat Panel; Windows XP Home/Professional/Vista with Media.	
8	Desk Top Publishing Computers (for Faculty)	Intel Pentium D 915 Processor with Dual Core Processing; 512 MB DDR2 SDRAM at 533 MHz; 80GB SATA II 7200 RPM Hard Drive with 8MB Data Burst Cache at 3GB/s; DVD Combo Drive; 1.44 MB FDD; Optical Mouse; Keyboard; Speakers; 10/1000 MB NIC; 15" TFT Flat Panel; Windows XP Vista with Media; Computer table and UPS (600VA)	

## D. Audio video Cable Connectors etc. (Metal connectors with Nickel over Brass) :

Sl No	Item description	Specifications	Recommended make/model to suit the existing equipment
1	XLR male	NEUTRIK / Switch-Craft	NC3FXX-B
2	XLR female	NEUTRIK / Switch-Craft	NC3MXX-B
3	3 Pin XLR female to RCA male	NEUTRIK / Switch-Craft	NA2FPMM
4	3 Pin XLR female to RCA female	NEUTRIK / Switch-Craft	NA2FPMF
5	3 Pin XLR male to RCA male	NEUTRIK / Switch-Craft	NA2MPMM
6	3 Pin XLR male to RCA female	NEUTRIK / Switch-Craft	NA2MPMF
7	3 Pin XLR female to 1/4" female	NEUTRIK / Switch-Craft	NA3FJ
8	3 Pin XLR male to 1/4" male	NEUTRIK / Switch-Craft	NA3MP
9	3 Pin XLR female to 1/4 " male	NEUTRIK / Switch-Craft	NA3FP
10	3 Pin XLR male to 1/4" female	NEUTRIK / Switch-Craft	NA3MJ
11	3 Pin XLR female to BNC female	NEUTRIK / Switch-Craft	NA2FBNC
12	3 Pin XLR male to BNC female	NEUTRIK / Switch-Craft	NA2MBNC
13	¼ " Mono male with spring relief plug	TECNEC	SP-SPRING
14	¼ " Stereo male with spring relief plug	TECNEC	SP-SSP
15	¼ " Mono Phone jack chassis mount	TECNEC	SPFS-CM
16	¼ " Phone female cable end	TECNEC	SPF
17	3.5mm mini male cable end	TECNEC	M-3.5
18	3.5mm stereo mini male cable end	TECNEC	M-3.5S
19	3.5mm mini female cable end	TECNEC	MF
20	3.5mm stereo mini female cable end	TECNEC	MF-S
21	3.5mm mini female chassis mount	TECNEC	MF-CM
22	RCA Phono Male cable end with spring relief	TECNEC	P-VSOLDER
23	RCA female cable end with strain relief	TECNEC	PF
24	RCA female chassis mount	TECNEC	PFCM
25	RCA female to female chassis mount	TECNEC	PF-PFCM
26	BNC male to BNC male barrel	TECNEC	BM-BM
27	BNC female to BNC female barrel	TECNEC	BF-BF
28	BNC male to 2 BNC female (T)	TECNEC	B-2BF
29	BNC female to 2 BNC female (T)	TECNEC	BF-T
30	BNC female to BNC male right angle	TECNEC	B-BFRA
31	BNC male to phono(RCA) female	TECNEC	B-PF
32	Phono(RCA) female to female chassis mount	TECNEC	PF-PFCM
33	Phono(RCA) male to BNC female	TECNEC	P-BF
34	Phono(RCA) female to female barrel	TECNEC	PF-PF
35	BNC connector cable end crimp type true 75ohmsRG59	CONNECTRONICS	B-CRIMP
36	BNC female to BNC female chassis mount	CONNECTRONICS	BF-BFCM
37	BNC female (isolated) rear solder points chassis mount	CONNECTRONICS	BFCM
38	XLR male to XLR male barrel	Neutrik / Switch-craft	NA3MM
39	¼ " Phono female to female stereo/mono barrel	Neutrik / Switch-craft	SPF-SPF
40	¼ " Phono male to mini-phone female	Neutrik / Switch-craft	SP-MF
41	Mini phone female to female barrel	Neutrik / Switch-craft	MF-MF
42	Mini phone male to phone female	Neutrik / Switch-craft	M-PF
43	Mini phone to ¼ " stereo female	Neutrik / Switch-craft	M-SPF
44	3.5mm mono male to ¼ " stereo female	Neutrik / Switch-craft	M-SPF-S
45	Phono male to mini phone female	Neutrik / Switch-craft	P-MF
46	Phono male to ¼ " phone female	Neutrik / Switch-craft	P-SPF
47	¼ " phone male to phono female	Neutrik / Switch-craft	SP-PF
48	Phono female to 2 phono female (T)	Neutrik / Switch-craft	PF-T
49	2.5mm female to 3.5mm stereo male	Neutrik / Switch-craft	AA222

50	3.5mm stereo jack to 3.5mm mono plug	Neutrik / Switch-craft	AA215
51	3.5mm stereo plug to two 3.5mm stereo jacks	Neutrik / Switch-craft	AA216
52	¼ " stereo plug to 2 ¼ " stereo jacks	Neutrik / Switch-craft	AA218
53	3.5mm stereo jack to ¼ " stereo plug	Neutrik / Switch-craft	AA219
54	¼ " stereo female to 3.5mm stereo male	Neutrik / Switch-craft	AA220
55	3.5mm female to 2.5mm male	Neutrik / Switch-craft	AA221
56	Phono(RCA) male to 2 phono female(T)	Neutrik / Switch-craft	P-2PF
57	RCA female to right angle RCA male	Neutrik / Switch-craft	PF-PM/RA
58	S-video 4 pin female to female chassis mount barrel	Hirose connectors	SV-4BCM
59	S-video 4 pin female to 4 pin female In-Line barrel	Hirose connectors	SV-4B
60	S-video 4 pin female mount (Flange Style)	Hirose connectors	SVHS-4FCM
61	S-video 4 pin male connector cable end	Hirose connectors	SVHS-4M
62	S-video 4 pin female connector cable end	Hirose connectors	SVHS-4F
63	S-video 4 pin male premium Metal S-connector	Hirose connectors	SVHS-4M/M
64	S-video 4 pin female premium Metal S-connector	Hirose connectors	SVHS-4F/M
65	S-video 4 pin female to female chassis mount barrel	Hirose connectors	SV4-BLCM
66	S-video 4 pin female chassis mount	Hirose connectors	TCS7848
67	Phono to 3.5mm Jack Audio cable	Hirose connectors	
68	Soldering Lead Multicore	60/40 Tin/Lead Alloy	BS441, Type 1 DTD599a and DIN8516
69	Soldering Resists and Flux	Red Jelly Flux	
70	Surface Mount Paste	Fine Pitch Stencilling Grade	
71	De-soldering Wick		
72	De-soldering pump		
73	Audio cable: Single pair	Technical Specification : Gage/Strand : 24/45x40, O.D : .199 , PF/FT : 30, Jacket : EPDM	Belden CDT BL-8413 Computable Standard : NEC, Belden, Nutrik, Nexans
74	Audio cable: 2 pairs	Technical Specification : Gage/Strand : 22/7x30, O.D : .168, PF/FT : 35, Jacket : PVC/CM	Belden CDT BL-8723
75	Video coaxial cable: Single core	Technical Specification : Gage:RG59/20, Strand : 7x39, O.D : .305, PF/FT : 20.5, Vel-Prop: 66%, Jacket : Hi-Flex, Shield :98% Dbl-Braid,	Belden CDT BL-8281F For the broadcasting studio, video systems, industry standard braided screened 75Ω cable.
76	Video coaxial cable: Three core	Technical Specification : Gage: RG59/20/Solid, O.D : .508, PF/FT : 17.0, Vel-Prop: 79%, Jacket :PVC, Shield :100%foil/93% Braid	Canare 75Ω V3-4CFB
77	Six core cable:	8mm thick jacket, Multi-strand tension bearing filler for superb strength. Flexible .042" thick rubber jacket. Individual coax cable diameter .122". Individual foamed PE cable dielectric insulation, insulation O.D. = .087". Center conductor 24 AWG. Nominal Capacitance 16.9pf/ft. Shielding 95% braided copper. Additional Specifications: Conductor resistance (ohms/meter) @20°C = 0.161 Inductance (μH @1KHz) = 0.410 Impedance (ohms @ 1MHz) = 71-76	S-Video Cable  RCA/Phono cable: 2 core cable