

Annexure No.	48 H
SCAA Dt	29.02.2008

BHARATHIAR UNIVERSITY: COIMBATORE - 641 046

MSc ELECTRONIC MEDIA

(LAB ORIENTED PG DEGREE COURSE WITH PROJECT WORK)

(Effective from the academic year 2007-2008 and thereafter)

**CHECKLIST FOR INFRASTRUCTURAL FACILITIES FOR STARTING A
M.SC ELECTRONICS MEDIA DEGREE COURSE (REGULAR)**

I. FACULTY REQUIREMENTS:

Core Faculty:

The programme requires totally FIVE core faculty members , TWO members to be appointed during the first year and THREE during the second year. Out of the five faculty members, one should have multimedia expertise.

Eligibility conditions for appointment:

The core faculty members shall possess M.A. in Communication/Mass Communication/Journalism & Communication or M.Sc. in Electronic Media, fulfilling the qualification norms of the UGC and the University.

Technical Faculty:

The programme requires atleast **One** faculty member with a Diploma in Film Technology (DFT) with Sound Engineering/Cinematography as specialization.

Lab Assistant:

Two lab assistants, one for the audio visual studio and the other for the multimedia lab, with a diploma or degree in Computer science/Electronics.

II. Library and learning resources:

The library, preferably a department library, should have an exhaustive collection of books including the latest ones on the relevant subjects of the programme, national and international journals, newspapers and magazines of all categories. Online subscription of journals may also be considered. Facilities may be created to provide an easy access to internet by the students.

III. Class Rooms:

The classroom(s) should be provided with ergonomically designed furniture with swivel chairs and adequate storage space in the classroom for easy access to reference material and adequate space for students to move about freely. The classroom should also support the use of audio-visual aids such as LCD projector, and basic audio and video system(s).

Check List-

IV. Laboratories:

Laboratory A

PHOTOGRAPHY STUDIO

Lab A should comprise a **production lab** with a minimum of **30 ft. x 30 ft.** with **overhead lighting system & background system set** (screens).

It should be equipped with a **high end scanner, photo quality printers, 3 units** of high end PCs with required hardware & software for **digital photography**.

(i) Production Lab**Still Cameras**

SLR(manual, professional)camera with accessories	—	5 Nos.
Compact digital cameras with accessories	—	2 Nos.
Digital camera (professional)	—	5 Nos.

Lenses

Zoom lens	—	5 Nos.
Wide angle lens	—	2 Nos.
Telephoto lens	—	2 Nos.
Macro & Close –up lens kit	—	5 Nos.

Filters

Polaroid	—	5 Nos.
Diffuser	—	5 Nos.
Soft filter	—	5 Nos.
Special effects filter	—	5 sets.

Lights

Flash light with umbrella	—	2 Sets.
Flash light with reflector	—	2 Sets.
Flash light with soft box	—	2 Sets.

Reflector set

	—	2 Nos.
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Light meter

	—	5 Nos.
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Battery pack

	—	2Nos.
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Battery charger

	—	4 Nos.
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Flash slave

	—	2 Nos.
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Snoot

	—	2 Nos.
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Spot

	—	4 Nos.
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Still Camera Tripods

	—	10 Nos
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Slide Projector

	—	1 No.
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Laboratory B

AUDIO VISUAL STUDIO

Lab B should comprise three sections :

- (i) a **production lab** with a minimum area of **30 ft. x 30 ft.** with **overhead lighting system & background screens**

- (ii) an **editing suite** to accommodate 3 non-linear editing units with a minimum area of **20ft. x 15ft.** and
- (iii) a voice booth with a minimum area of **10 ft. x 10 ft.**

Video cameras

Mini DV (commercial)		6 Nos.
DV Cam (professional model)	—	2 Nos.
DV Cam (High end)	—	2 Nos.

Lights

Video spot light		4 Nos.
Video flood light (day light)	—	4 Nos.
Video flash light	—	4 Nos.
Day light reflectors with stand	—	2 Nos.

Cutter stand

	—	4 Nos.
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Video Tripod

	—	14 Nos.
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Audio

Audio mixer (8 track)	}		1No.
Audio work station	}		1No.
Audio track recorder (8 track)	}	Preferably digital format	1No.
Audio cassette recorder (2 track)	}		1No.

Microphones

Collar Microphones		4No.
Sten gun Microphones	—	2No.
Studio Microphones	—	4No.

Non-Linear Edit Suite

Non-Linear Editing System DVI / O with DVD writer	—	4 with monitor
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Linear Editing

Video Mixer		1
TV 29"	—	1
TV 14"	—	4
VCR	—	4
DVD Player	—	2
Audio system (surround sound)	—	1 No.
Editing Console	—	1 No.

Soft wares

- 3 D Max
- Maya
- Final Cut Pro
- Adobe Premier &
- Application soft wares

High end PC machines compatible to run the above mentioned soft wares	—	10 Nos.
Video Editing Machines		
AVID MOTO / Express or latest model	—	2 Nos.
Audio Editing Machine & accessories		
NUVANDO or Protools (at least the basic model)	—	1 No.
LCD Projector	—	1 No.

The building should be prepared for audiovisual recording / editing facility compatible to a professional AV studio, air-conditioned and acoustically treated.

Laboratory C

MULTI MEDIA LAB

A Multimedia lab with DTP facility with **one highend** system with DVD writer **for each student** along with necessary soft wares and **internet facility**. Besides this at least two Apple MAC machines for orientation to Mac platform may also be considered.

1. Color Lazer Printer	—	2 Nos.
2. Color Scanner	—	3 Nos.
3. LCD with screen	-	1 Nos.