DEPARTMENT OF VISUAL COMMUNICATION TECHNOLOGY LIST OF PAPERS B. VOC (VISUAL COMMUNICATION TECHNOLOGY)

Course pattern 2014

SEMESTER: I

				Credits			
S .No	Subjects	Subject Code	Hours	General Education Component	Skill Component		
01.	Tamil – I (Oodaka Tamil)	14UVT110001	2	2			
02.	Communicative English-I (Media English)	14UVT120101	2	2			
03.	Audio Electronics	14UVT130201	4	4			
04.	Basics of Photography	14UVT130202	4	4			
05.	Tamil lab – I	14UVT110002	2		2		
06.	English lab – I	14UVT120102	2		2		
07.	Practical - Audio Electronics	14UVT130203	4		4		
08.	Practical - Basics of Photography	14UVT130204	4		4		
09	Work shop – Audio System	14UVT130205	3+3*		3		
10.	Work shop – Creative Photography	14UVT130206	3+3*		3		

Total 30 12 18

SEMESTER: II

				Credits				
S. No	Subjects	Subject Code Hours		General Education Component	Skill Component			
11.	Tamil – II (Oodaka Tamil)	14UVT110003	2	2				
12.	Communicative English – II (Media English)	14UVT120103	2	2				
13.	Sound Engineering and Programme production	14UVT130207	4	4				
14.	Image editing and manipulation	14UVT130208	4	4				
15.	Tamil lab – II	14UVT110004	2		2			
16.	English lab – II	14UVT120104	2		2			
17.	Practical - Sound Engineering and Programme production	14UVT130209	4		4			
18.	Practical - Image editing and manipulation	14UVT130210	4		4			
19.	Work shop – Audio Program	14UVT130211	3+3*		3			
20.	Work shop – Image Creation	14UVT130212	3+3*		3			

Total 30 12 18

SEMESTER - III NSQF Level: L6

S. No.	GE/S	Paper	Subject Code Type		Hours	Credits		
	С					Genera 1	Skill	Total
21.	GE	Language – I&	14UVT310003	Language	2	2		2
22.		Language – II: English – III	14UVT320103		2	2		2
23.		Concepts of Videography	14UVT330207	Core - Theory	3	3		3
24.		Theoretical Aspects of Special effect Editing	14UVT330403	Allied - Theory	3	3		3
25.		VFX Editor	14UVT430208	Theory	3		3	
		QP: MES/Q03501		Practical	3		3	9
	sc							
				Field Work	3+3*			-
26.		Camera Operator QP:MES/Q0602	14UVT430209	Theory	3		3	9
				Practical	3		3	
				Field Work	3+3*		3	1
27.	GE	Value Education: Life Skills	14UVT141001		2	2		2
	•				30+6*= 36	12	18	30

[&]amp; - Language - I: Tamil -III/ Hindi - III/ Sanskrit - III/ French - III

^{* -} Field work outside the class hours for each major 2hrs (2x3=6)

^{@-} Practical examination in the following Semester

SEMESTER - IV

NSQF Level: L6

S.	GE/SC	Paper	Subject Code	Туре	Hours		Credits	
No.			-			Genera 1	Skill	Total
28.	GE	Language – I&	14UVT410004	Language	2	2		2
29.		Language – II: English - IV	14UVT420104		2	2		2
30.		Creative script Writing	14UVT430210	Core - Theory	3	3		3
31.		Graphics and Multimedia	14UVT430404	Allied - Theory	3	3		3
32.		VFX Editor	14UVT430208	Theory	3		3	
		QP: MES/Q03501		Practical	3		3	9
	sc							
				Field Work	3+3*			
33.		Camera Operator QP:MES/Q0602	14UVT430209	Theory	3		3	9
				Practical	3		3	=
				Field Work	3+3*		3	
34.	GE	Environmental science	14UVT240901		2	2		2
					30+6*= 36	12	18	30

[&]amp; - Language - I: Tamil -IV/ Hindi - IV/ Sanskrit - IV/ French - IV

* - Field work outside the class hours for each major 2hrs (2x3=6)

SEMESTER - V

NSQF Level: L7

S. No.	GE/SC	Paper	Subject Code	Туре	Hours	Credits		
			_			Genera 1	Skill	Total
35.	GE	Global Trend Setting Films and Directors	14UVT530211	Core - Theory	4	4		4
36.		Media Laws And Ethics	14UVT530212	Core- Theory	4	4		4
37.		Media Equipment Maintenance and Media Presentation Skills	14UVT530213	Core - Theory	4	4		4
38.		Executive Producer QP: MES/Q 2801	14UVT630214	Theory	3		3	
	sc	Q1. M25, Q 2501		Practical	3		3	9
				Field Work	3+3*		3	
39.		Director Of Photography QP: MES/ Q 0601	14UVT630215	Theory	3		3	9
				Practical	3		3	
				Field Work	3+3*		3	1
	'		•	•	30+6*= 36	12	18	30

^{* -} Field work outside the class hours for each major 2hrs (2x3=6) @- Practical examination in the following Semester

SEMESTER - VI

NSQF Level: L7

S. No.	GE/SC	Paper	Subject Code	Туре	Hours	Credits		
						Genera 1	Skill	Total
40.	GE	Media Management	14UVT630216	Core - Theory	4	4		4
41.		Media Public Relation	14UVT630217	Core- Theory	4	4		4
42.		Media Project/ Internship	14UVT630218	Core - Theory	4	4		4
43.		Executive Producer QP: MES/Q 2801	14UVT630214	Theory	3		3	
	sc			Practical	3		3	9
				Field Work	3+3*		3	-
44.		Director Of Photography QP: MES/ Q 0601	14UVT630215	Theory	3		3	9
				Practical	3		3	
				Field Work	3+3*		3	
					30+6*= 36	12	18	30

^{* -} Field work outside the class hours for each major 2hrs (2x3=6)

SYLLABUS

B. VOC. VISUAL COMMUNICATION TECHNOLOGY

Sem-I		L	P	C
14UVT110001	Language – I: ஊடகத்தமிழ்	2	0	2

நோக்கங்கள்

- தமிழ்மொழிப் பயிற்சி அறிதல்
- சிறந்த நிகழ்ச்சித் தொகுப்பாளரை உருவாக்குதல்
- வாசிப்புப் பயிற்சி முறையை அறிதல்

பயன்கள்

- தகவல் தொடர்புத்துறையில் வாய்ப்பு பெறுதல்.
- ஊடகத்துறையில் பணியாற்றும் வாய்ப்பு பெறல்.

பருவம்: 1

அலகு - 1

- 1. தமிழ்மொழிப் பயிற்சி : பேச்சுத் தமிழ்
- 2. பிழையின்றிப் பேசுதல்
- 3. தயக்கத்தைப் போக்குதல்

அலகு - 2

- 4. வாசிப்புப் பயிற்சி
- 5. உச்சரிப்புப் பயிற்சி

அலகு - 3

- 6. பேச்சுப் பயிற்சி
- 7. குரல் ஏற்ற இறக்கம்

அலகு - 4

- 8. வட்டாரவழக்குச் சொற்கள்
- 9. சரளமாகப் பேசுதல்.

அலகு - 5

10. அடிப்படை இலக்கண இலக்கிய அறிவு பெறுதல்

11. ஊடகமும் தமிழ்மொழியும்

<u>பார்வைநூல்கள்</u>

எம்.ஏ.நுஃமான்: அடிப்படைத்தமிழ் இலக்கணம்

சுரேஷ்பால் : *மீடியா உலகம்*

சோ. சிவபாதசுந்தரம் : **வானொலி**

சோ சிவபாதசுந்தரம் *ஒலிபரப்புக்கலை*

செல்வம் : *வானொலித் தமிழ்*

வெ நல்லதம்பி : *தொலைக்காட்சித் தமிழ்*

அ.சாந்தா&வி.மோகன் (பதிப்பாசிரியர்கள்):

செய்முறைப்பயிற்சி

<u>வானொலிமற்றும்தொலைக்காட்சிமாதிரிநிகழ்சிகளைத்தமிழில்மாணவர்க</u> ள்உருவாக்குதல்

- ❖ கொடுக்கப்படும்தலைப்புகளுக்குஏற்பசரளமாகப்பேசுதல்
- நிகழ்ச்சிவரைவுதயாரித்தல் (Script Writing)
- இதழ்மாதிரிதயாரித்தல்
- 💠 குரல்பதிவு (Voice Recording)
- செய்திவாசிப்பு (News Reading)
- ❖ ஒலிஒளிப்பதிவுசெய்தல் (AV Recording)
- ❖ உரையாடல்
- குறும்படக்கதைஎழுதுதல்
- ↓ புதியவிளம்பரஉத்திகளைஉருவாக்குதல்

Subject Code: 14UVT120101 Credit: 2

Communicative English-I (Media English)

Objectives:

- ❖ To help students acquire the nuances of newspaper language and its style.
- ❖ To introduce basic Tenses to students.
- * To widen the scope of students' employability in print media.

Unit-I

- 1. Simple present tense.
- 2. Simple past tense.
- 3. Simple future tense.
- 4. Present continuous tense.

Unit-II

- 5. News stories and their structures.
- 6. The task of a newspaper reporter.

Unit-III

- 7. English newspapers in India.
- 8. Advertisement in newspaper.
- 9. Writing headlines and the lead.

Unit - IV

- 10. Present perfect tense.
- 11. Past continuous tense.
- 12. Past perfect tense.
- 13. Future perfect tense.

Unit - V

- 14. Body paragraphs and slant.
- 15. Writing editorials and op-ed pieces.
- 16. Writing for magazines.

BOOK FOR STUDY

Units I and IV

1. Murphy, Raymond. Intermediate English Grammar. New Delhi: Cambridge University Press, 2007.

2. Murphy, Raymond. Essential English Grammar. New Delhi: Cambridge University Press, 2007.

Units II, III and V

1. Friedman, Anthony. Writing for Visual Media. New Delhi: Focal Press, 2007.

BOOKS FOR REFERENCES

- 1. Timothy Gerard. Writing for Multimedia: Education, Training, Advertising and World Wide Web, Oxford: Focal Press, 1997.
- 2. Agee K. Waren. Etal. Introduction to Mass Communication. New Delhi: Oxford, 1979.
- 3. Keval, J. Kumar. Mass Communication in India. India: Jaico.1994.
- 4. Roy, Barun. Beginners' Guide to Journalism and Mass Communication. Delhi: Pustak Mahal, 2010.

Semester-I Hours/ week: 2

Subject Code: 14UVT120102 Credit: 2

ENGLISH LAB-I

LANGUAGE SKILLS OF PRINT MEDIA

Objectives:

To help students acquire the nuances of Newspaper language and its style.

To widen the scope of students' employability in print media

- 1. News stories and their structures.
- 2. Listening ideas using the passive voice.
- 3. The task of a Newspaper Reporter.
- 4. Use of Indigenous words in English Newspapers in India.
- 5. Writing the Headline and the Lead.
- 6. Body Paragraphs and Slant.
- 7. Writing Editorials and Op-ed pieces.
- 8. Writing for Magazines: Action-Angle-Anecdote

BOOKS FOR REFERENCE

- 1. Latha Nair, English For The Media, Delhi: Foundation Books, 2014.
- 2. Timothy Gerard. Writing for Multimedia: Entertainment Education, Training, Advertising and World Wide Web, Oxford: Focal press, 1997.
- 3. Agee K.Warren. etal. Introduction to mass communication. New Delhi: Oxford, 1979.
- 4. Friedmanm, Anthony. Writing for Visual Media. New Delhi: Focal press, 2007.

Semester I Core Paper- I Hours/Week: 4 Credit – 4

Subject code: 14UVT130201

AUDIO ELECTRONICS

Unit – I: Fundamentals of Electronics:

Signal – types of signal- Parameters: amplitude, frequency, phase- measuring Instruments: Multimeter, CRO, dB meter - Measuring techniques: amplitude (peak to peak Voltage), RMS Voltage, frequency. Voltage and Current Stabilization, inverter, Types of Cables and Connectors.

Unit - II: - Principles of Sound and Acoustics and Auditorium

Components of sound: pitch, intensity, tones and harmonics- propagation of sound- speed of sound in air – perception of sound- human earing capability – Voice Frequency - measurement techniques of sound - Fundamental of Acoustics- acoustic sub disciplines: speech, music, architectural

Acoustics and Auditorium

Architectural plan of room- specification- analyzing acoustic level of room- hydrography(echo sounding)- echo Cancellation techniques- selection: microphones, amplifiers, speakers – positioning the speakers- Sound System Installation – Electrification: power stabilization, earthing, Cooling - Multi Amplifier System Arrangement. Safety and precautions.

Unit – III: Microphone

Basic Principle of Sound transducer – Internal and External Structure of microphone - Types of microphone polar patterns- impedance matching – Microphone Specification: frequency response, gain, noise and distortion- application specific design.

Unit – IV: Speaker

Internal Structure of speaker- Specification of Speaker: impedence, power, frequency response, gain, noise and distortion - types of speaker - Speaker box design and types - line matching transformer- losses and noises in speaker systems- Handling of Speakers — Analog Vs Digital Speakers - Digital Speakers and its Function

Unit – V: - Amplifiers:

Pre amplifier, pre amplifier cum mixer -power amplifier –Specification of Amplifier- Impedance matching – power rating – output load management- simple Public Addressing system (PA)- PA System connecting Methodology - Home Theatre amplifiers

BOOKS FOR STUDY

- 1. John Linsley hood, Audio Electronics, Elsevier Print book Publication, 1995
- 2. Bob Cordell, Designing Audio Power Amplifiers, McGraw Hill,2007

- $3. David\ Lapp,\ The\ Physics\ of\ Music and\ Musical\ Instruments,\ tufts\ University\ Publishers\ ,$ 2003
- 4. Lawrence E Kinsler , Fundamentals of Acoustic, Wiley & Sons Canada, 2000

BOOKS FOR REFERENCES

John Linsley hood ,Audio Electronics, Elsevier Print book Publication,1995

- 2. Bob Cordell, Designing Audio Power Amplifiers, McGraw Hill,2007
- $3. David\ Lapp,\ The\ Physics\ of\ Music and\ Musical\ Instruments,\ Tufts\ University\ Publishers\ ,$ 2003
- 4.Lawrence E Kinsler ,Fundamentals of Acoustic, Wiley & Sons Canada, 2000

Subject code: 14UVT130202 Credit – 4

Allied Paper I BASICS OF PHOTOGRAPHY

Unit – I: Light:

Introduction to Light – definition – characteristics of light, Lighting – Sources of light – natural and artificial lighting – types of lighting – indoor and outdoor lighting – 3 point, 5 point, 7 point lighting – Flash- light intensity measurements

Unit – II: Camera

Different Types of Camera- Digital SLR (Single lens Reflex cameras- DSLR-Compact Digital cameras-Other types of cameras(Polaroid...)-Bridge cameras-Mirror less interchangeable lens cameras. CCD, cmos – Resolution – Storing images – Optical and Digital Zoom.

Unit – III: Technicality of photography:

Aperture – Focus -View point – Perspective – shutter speed – Depth of field –Composition: Subject and Content- Introduction of Framing and Backgrounds.

Unit – IV: Camera Lens

Types of Camera lenses: Standard lenses-Macro lenses-Telephoto lenses-Wide angle lenses-Specialist lenses-Kit lenses- maintenance of camera and lens. Filters- Types of filters- functions and uses of filters.

Unit – V: Generic of Photography:

Language of Photography, Chemistry of Photography, Portraiture, product, landscape, photofeature, creative photography, event photography, nature Photography – Photo Journalism – Advertising Photography – wild life photography.

BOOK FOR STUDY

Hands Geoffrey - The Handbook of Digital Photography, Silver Dale Book, (2004)

BOOK FOR REFERENCES

- 1. Neblette C.B. Fundamentals of Photography, Published by Van Nostnand Reinhold Company New York, (1970)
- 2. Zuckerman Jim- Techniques of Natural Light Photography, Published by Writer's Digest Books, China, (1996)
- 3. Hands Geoffrey The Handbook of Digital Photography, Silver Dale Book, (2004)
- 4. Jacobs- Close Up Photography, Writers Digest Book, Ohio, (2001)
- 5. Thiagarajan.S (2002)- Practical Photography, Himalaya publishers, New Delhi

Subject code: 14UVT130203 Credit – 4

B. Voc Visual Communication Tech Practical's- I

AUDIO ELECTRONICS EXPERIMENTS

Practicals:

- 1. Instruments Demonstration.
- 2. Multimeter and Measurements
- 3. CRO and Measurements
- 4. Stabilizer and Inverter Studies
- 5. Cable making with Connectors
- 6. Demonstration of Sound Measuring instruments
- 7. Intensity Measurement.
- 8. dB Measurement.
- 9. Acoustic measurements.

10. Acoustical design Calculation of an Auditorium.

- 11. Audio system Arrangement I.
- 12. Audio system Arrangement II.
- 13. Study and setting up of Electrification.
- 14. Study on Safety Measures.
- 15. Trouble shooting methods.
- 16. Study of Sound transducers
- 17. Multi meter based Microphone Measurement.
- 18. Study of Microphone Directivity.
- 19. Wireless Microphone Studies.
- 20. Study of speaker Components
- 21. Multi meter based Speaker Measurement.
- 22. Speaker Box Design.
- 23. Distance and power calculation.
- 24. Speaker Impedance Matching.
- 25. Study of Digital Speakers
- 26. Study of Pre Amplifier
- 27. Study of Mixer
- 28. Study of Power Amplifier
- 29. Impedance matching
- 30. Arrangement and connecting of simple PA System
- 31. Arrangement and connecting of Simple Home theatre (Audio).

Subject code: 14UVT130204 Credit – 4

B. Voc Visual Communication Technology Practical's- I

BASICS OF PHOTOGRAPHY

Practicals:

- 1. Study on intensity of light
- 2. Study on difference sources of light
- 3. Study on the working principles of flash
- 4. Study on 3 point, 5 point, 7 point lighting
- 5. Study of different camera handling techniques
- 6. Study of Mirror less interchangeable lens cameras.
- 7. Study of camera resolution
- 8. Study of optical and digital zoom
- 9. Exercise on Aperture,
- 10. Exercise on camera Focus
- 11. Exercise on View point and Perspective
- 12. Exercise on shutter speed
- 13. Exercise on Depth of field
- 14. Exercise on Picture Framing
- 15. Study of different camera lenses
- 16. maintenance of camera and lens
- 17. Urban and rural Landscapes photography
- 18. Flora and Portraits-photography
- 19. Capturing Motion through Shutter Speed Control
- 20. Cultural photography(demonstrating local culture)
- 21. Candid Portraits.
- 22. Low-light photography
- 23. Night Landscapes.

Subject code: 14UVT130205 Credit – 3

B. Voc Visual Communication Technology

WORKSHOP: AUDIO SYSTEM

Microphone

- Basic Principle of Sound transducer
- Internal and External Structure of microphone
- Types of microphone–microphone polar patterns
- impedance matching
- Microphone Specification: frequency response, gain, noise and distortion
- application specific design.

Amplifiers

- Pre amplifier
- pre amplifier cum mixer
- power amplifier
- Specification of Amplifier
- Impedance matching
- power rating
- output load management
- simple Public Addressing system (PA)
- PA System connecting Methodology
- Home Theatre amplifiers
- Arrangement and connecting of simple PA System
- Arrangement and connecting of Simple Home theatre (Audio).

Semester I Hours/Week: 6
Subject code: 14UVT130206 Credit – 3

B. Voc Visual Communication Technology

WORKSHOP: CREATIVE PHOTOGRAPHY

Introduction to Light

- Characteristics of Light
- Lighting
- Sources of Light
- Natural and Artificial Lighting
- Types of Lighting
- Indoor and Outdoor Lighting
- 3 Point, 5 Point, 7 Point Lighting
- Flash Light Intensity Measurements

Technicality of photography

- Aperture
- Focus View point
- Perspective
- shutter speed
- Depth of field
- Composition: Subject and Content
- Introduction of Framing and Backgrounds.

Sem-I

14UVT110002

Language – I: ஊடகத்தமிழ் -II

L P C

பருவம்: 2

நோக்கங்கள்

ஊடகங்களைப் பற்றி அறிதல் தமிழில் திறம் படப் பேச, எழுதப் பழகுதல் சிறந்த தொகுப்பாளரை உருவாக்குதல் தமிழ் மொழிக்கும் ஊடகங்களுக்குமான தொடர்பினை அறிதல் பயன்கள்

காட்சி கேள்வி ஊடகங்களின் நுட்பங்களை அறிதல் பல்வேறு ஊடகத் துறைகளில் பணியாற்றும் வாய்ப்பு

அலகு - 1

- 1. ஊடகங்கள்
- 2. ஊடகங்களின் வகைகள்
- 3. அச்சு ஊடகம்(print media)

அலகு - 2

- 4. இதழ்கள்
- 5. இதழ்களின் வகைகள்
- 6. இதழ்களின் பணிகளும் பயன்களும்

அலகு - 3

- 7. இதழ் தொடங்குவதற்கான வழிமுறைகள்
- 8. இணையத்தமிழ்

அலகு - 4

9. இணையத்தில் தமிழ்மொழிப் பயன்பாடு

10. சமூக ஊடகங்களில் தமிழ்

அலகு - 5

- 11. எழுத்துப் பயிற்சி
- 12. மரபுத் தொடர்கள் பயன்பாடு
- 13. ஒருமை பன்மை வேறுபாடு

<u>பார்வைநூல்கள்</u>

எம்.ஏ.நுஃமான்: அடிப்படைத்தமிழ்இலக்கணம்

சுரேஷ்பால் : *மீடியாஉலகம்*

சோ.சிவபாதசுந்தரம் : *வானொலி*

சோ சிவபாதசுந்தரம் *ஒலிபரப்புக்கலை*

செல்வம் : *வானொலித்தமிழ்*

வெ.நல்லதம்பி : *தொலைக்காட்சித்தமிழ்*

அ.சாந்தா&வி.மோகன் (பதிப்பாசிரியர்கள்):

மக்கள்ஊடகத்தொடர்பியல்அடிப்ப

டைகள்

இணையத்தில்கற்க., <u>www.palkalaikazhakam.com</u> <u>www.tamilvu.org</u>

Subject Code: 14UVT130202 Credit: 2

Communicative English-II (Media English)

Objectives:

- ❖ To help students acquire the nuances of Radio and its uses.
- ❖ To introduce basic Tenses to students.
- ❖ To widen the scope of students' employability to work in the fields of Radio.

Unit-I

- 1. Present perfect continuous.
- 2. Past perfect continuous.
- 3. Future perfect continuous.

Unit- II

- 4. Introduction to Radio.
- 5. Techniques of writing for the Broadcast media.

Unit-III

- 6. Use of language debriefing.
- 7. Radio presenter and writing for Radio programmers.
- 8. Advertising in Radio.

Unit-IV

- 9. Usage of will and would.
- 10. Usage of shall and should.
- 11. Usage of may and might.

Unit-V

- 12. Radio Talk shows and Radio Reviews.
- 13. Origination of FM Radio.

BOOKS FOR STUDY

Units I and IV

- 1. Murphy, Raymond. Intermediate English Grammar. New Delhi: Cambridge University Press, 2007.
- **2.** Murphy, Raymond. Essential English Grammar. New Delhi: Cambridge University Press, 2007.

Units II, III and V

1. Gilmurray, Bob. The Media Student's Guide to Radio Production. U.S: Mightier Pen Publishing, 2010.

BOOKS FOR REFERENCES

- 1. Latha Nair, English for The Media, Delhi: Foundation Books, 2014.
- 2. Stracynski J. Michall, The Complete Books Script Writing: Television, Radio, Motion Pictures, The stage.
- 3. David Keith Cohler, Broadcast Journalism: A Guide for Presentation of Radio and Television News.
- 4. Abbot and Richard Lee Rider. Handbook of Broadcasting. California, McGraw-Hill, 1957.

Subject code: 14UVT120103 Credit: 2

ENGLISH LAB-II

TECHNIQUES OF WRITING FOR RADIO

To enhance the efficiency and creativity of students in presenting all types of Radio To maximize the employability of students to work in the fields of Radio.

- 1. Techniques of writing for the Broadcast media.
- 2. Key Elements in Radio Jockeying.
- 3. Tenses and Topic Sentence.
- 4. Use of Language Debriefing.
- 6. Radio Presenter and writing for Radio Programmers.
- 7. Interviews and Radio News.
- 8. Radio Talk show and Radio Reviews.

BOOKS FOR REFERNCE

- 1. Latha Nair, English for The Media, Delhi: Foundation Books, 2014.
- 2. J. Michall Stracynski, The Complete Books Script Writing: Television, Radio, Motion pictures, the stage
- 3. David Keith Cohler, Broadcast journalism: A Guide for the presentation of Radio and Television News,
- 4. Gilmurray, Bob. The Media Student's Guide to Radio Production. U.S: Mightier Pen Publishing, 2010.

Subject code: 14UVT130207 Credit – 4

Core paper II

B. Voc Visual Communication Technology

SOUND ENGINEERING AND PROGRAMME PRODUCTION

Unit – I: Audio Studio:

Human Perception of Sound: Monophonics signals- High Fidelity Sound-Sound Reproducing Systems: mono, Stereo and Multi-Channel- Sound Field - Sound Diffusers- Sound Absorption-Sound reflection – Cabling: Audio Wiring- Patch Bays- Bi and Tri amping- HDMI - IEEE1394

Unit – II: Sound Effects and Digital Sound system:

Reverberation /echo, reverse echo, flanger, phaser, chorus, equalization, filtering, pitch shift, time stretching, 2.1 surround, 5.1surround, 7.1and 7.2 surround, 3D Sound, Dolby, DTS Sound, Digital Qube

Unit – III: Recording and Mixing Console:

Isolation Booth- Reference Monitor- Multi track recording: Voice signal, Musical signal-structure of Mixing console: channel input, master output control, audio level metering – Digital vs Analog mixer- application.

Unit – IV: Audio Software:

Mono and Stereo Channels – Bit depth – Sample rate – Audio recording, editing and Mixing – Audio Special effects – Audio File Formats – Monitoring Sound Signal- controls: Faders, Sliders- Editing procedures in software.

Unit – V: Programme Production for FM Radio

Introduction to Radio Medium –Social Life and radio–Types: A.M ,F.M., Community radio , FM console - Program Production – Recorded programmes – Recorded voice and music – sound effects – Live/on-air productions – Duties of on – air producer – Cue sheets and Log books.

BOOKS FOR STUDY:

- 1.Hausman, carl and Benoit Philip ,Messere Fritz (2005) Modern Radio Production , New York : Rout ledge.
- 2.Hausman ,Carl (2007): Modern Radio Production: Production Programming, California: Brooks.

BOOKS FOR REFERENCE:

- 1. Housman, Carl (2004) Modern Radio Production. Canada: Wadsworth publication.
- 2. Mc Leish, James , (1999) Radio production. Burlington : Focal Press
- 3. Baruah U. L (1983) All India Radio. New Delhi: Government of India publications
- 4. Ric Viers 2008 The Sound Effects Bible: How to Create and Record Hollywood Style Sound Effects
- 5. Bill Gibson (2011) Hal Leonard Recording Method: Book 1 Microphones & Mixers, (Music Pro Guides).

Semester II Hours/Week: 4 Subject code: 14UVT130209 Credit – 4

Allied paper II

B. Voc Visual Communication Technology

IMAGE EDITING AND MANIPULATION

Unit – I: Tools of Photoshop:

Introduction of photo shop-Exploring the Menu Bar- Toolbox- Options Bar-usage of Marquee Tools-Exploring the Lasso Tools-Creating Selections Using the Magic Wand- Using Color Range to Create Selections-Creating Selections Using Extractions-Transforming a Selection-Copying Pasting and Moving a Selection

Unit – II: Layer image formation:

Layers - different layer types-Creating multiple layers-Working with Layers-Applying Layer Styles- Fill and Adjustment Layers: palette-naming-creating-deleting-viewing-moving-Exploring Layer Components- Masks- Using Layer Masks-Merging and Flattening Layers

Unit – III: Image editing and special effects:

Cropping images and manipulation -Using various stencils and template designs -Working with textures and importing -Correcting your photos to remove red eyes, blemishes, ageing etc- blur and sharpen -creation of various collages -Working with text and custom fonts -Creating vector

Unit – IV: Masking and Designing

Induction- Summary- Instruction-Reformation of images-Creating graphics and simulations-Design and painting in Photoshop-Processing computer graphic integration.-Making special effects: collages, editing of warm and cool colours -Designing of advertisements, posters, business cards -Greeting card-Brochure designing- wedding card designing-Book layout-magazine layout-Newspaper layout-calendars designing-Building a booklet

Unit – V: Photo Essay (Album Making):

The theoretical study of the world of digital album design from induction, to summary and instruction-Reformation of images- design and paint in photo shop-Creating a Photo Panorama- Creating a photo Slide Show-Creating a Photo Calendar-Creating special effects on collages -editing warm and cool colours

BOOK FOR STUDY

Gregory Georges: Photoshop Ver(8) CS Professional Tricks and Techniques, Unique Color Carton Offset Printers, New Delhi-4

BOOKS FOR REFERENCE

1. Alan and Isabella Livingston: Graphic Design and Designers new edition, Thames & Hudson world of art, Singapore by C.S. Graphics, 2003.

- 2. Bride M. Whelan: Color Harmony 2, Guide to Creative Color Combinations, U.S.A , Rockfort Publishers, 1994.
- 3. David E.Carter: The Little Book Of Logo Recipes, successful designs and how to create them, Harper Collin Publishers, Newyork, 2004.
- 4. Stephen House: Photoshop CS, LP Editorial Board, Lawpt', Blue Line Printing Industries, Kolkata, 2004.

Semester II Hours/Week: 4
Subject code: 14UVT130209 Credit – 4

B. Voc Visual Communication Technology

PRACTICAL II - SOUND ENGINEERING AND PROGRAMME PRODUCTION

- 1. sound localization of human hearing
- 2. Loudness and Dynamic Range measurement (Open Space, Closed Space, Studios)
- 3. Fidelity measurement of two loud speaker
- 4. Cabling and Study of Bi-Tri Amping
- 5. Cabling and Study of HDMI/ IEEE1394
- 6. Realization of reverberation /echo effect- cancellation
- 7. Creation of flangers and phaser
- 8. Demonstration of Equalization and filtering
- 9. Implementation of time stretching and Pitch shift
- 10. Study of 2.1, 5.1, 7.1 and 7.2 surround system
- 11. Study of 3D Sound, Dolby, DTS Sound, Digital Qube at Cinema Theatres
- 12. Record voice and musical signal simultaneously
- 13. Monitor the audio levels
- 14. Record voice and musical signal separately
- 15. Mixing the voice and musical signal
- 16. Investigate about analog and digital mixer
- 17. Import media file into software
- 18. Study of bit depth and sample rate of media file
- 19. Adding special effects
- 20. Change the file formats
- 21. Implement fading and sliding effect using editing procedure
- 22. Making of audio album
- 23. Study of amplitude modulation
- 24. Study of frequency modulation
- 25. Demonstrate the FM console
- 26. Performing live /on-air production
- 27. Preparation of cue sheets and log books

Semester II Hours/Week: 4
Subject code: 14UVT130210 Credit – 4

B. Voc Visual Communication Technology

PRACTICAL II - IMAGE EDITING AND MANIPULATION

- 1. Cropping and slicing the image
- 2. Normal paint drawing
- 3. Image color changes
- 4. Image rotation
- 5. Colour adjustments in background
- 6. Formation of layer in given image
- 7. Adding channels in given image
- 8. Cropping and slicing the given image
- 9. Blur sharper settings in image

10. Photo editing

11. creation of various collages

- 12. Designing the Masking
- 13. Designing 2D photos
- 14. Designing of posters
- 15. Designing Business cards
- 16. Designing Greeting card
- 17. Brochure designing
- 18. Designing wedding card
- 19. Designing Book layout
- 20. Magazine layout
- 21. Newspaper layout
- 22. Designing calendars
- 23. Building a booklet
- 24. Creating various sample albums
- 25. Developing a photo story/Essay

Semester II Hours/Week: 6
Subject code: 14UVT130211 Credit – 3

B. Voc Visual Communication Technology WORKSHOP: AUDIO PROGRAMME

Audio Studio

- Human Perception of Sound: Monophonics signals
- High Fidelity Sound
- Sound Reproducing Systems : mono, Stereo and Multi-Channel
- Sound Field
- Sound Diffusers
- Sound Absorption
- Sound reflection
- Cabling :Audio Wiring
- Patch Bay
- Bi and Tri amping- HDMI IEEE1394

Sound Effects and Digital Sound system:

- Reverberation /echo
- reverse echo, flanger
- phaser, chorus, equalization
- filtering, pitch shift, time stretching
- 5.1surround, 7.1and 7.2 surround
- 3D Sound, Dolby, DTS Sound
- Digital Qube

Semester II Hours/Week: 6
Subject code: 14UVT130212 Credit – 3

B. Voc Visual Communication Technology

WORKSHOP: IMAGE CREATION

Special effects

- Cropping images and manipulation
- Using various stencils and template designs
- Working with textures and importing
- Correcting your photos to remove red eyes, blemishes, ageing etc
- Blur and sharpen
- creation of various collages
- Working with text and custom fonts
- Creating vector

Masking and Designing

- Reformation of images
- Creating graphics and simulations
- Design and painting in Photoshop
- Processing computer graphic integration.
- Making special effects: collages, editing of warm and cool colours
- Designing of advertisements, posters, business cards -Greeting card
- Brochure designing- wedding card designing
- Book layout-magazine layout-Newspaper layout
- calendars designing
- Building a booklet

LANGUAGE I - தமிழ் - III

நோக்கங்கள்

- உலக தொலைக்காட்சி நிலையங்களைப் பற்றி அறிதல்
- சிறந்த நிகழ்ச்சித் தொகுப்பாளரை உருவாக்குதல்
- தொலைக்காட்சி அமைப்பு முறையை அறிதல்

பயன்கள்

- தொலைக்காட்சி நிலையத்தில் பணி வாய்ப்பு பெறல்.
- தகவல் தொடர்புத்துறையில் வாய்ப்பு பெறுதல்.
- ஊடகத்துறையில் பணியாற்றும் வாய்ப்பு பெறல்.

பருவம் - 3

அலகு - 1

தொலைக்காட்சி, வானொலி வேறுபாடுகள் – தொலைக்காட்சி நிகழ்ச்சி உருவாக்கம் – நிகழ்ச்சிக்கான களம் தேர்ந்தெடுத்தல் – நேரம் திட்டமிடுதல் – நிகழ்ச்சித் தொகுப்பாளர்க்கான தகுதிகள் – பொறுப்புகள் – நாட்டு நடப்புகள் - செய்தி வாசிப்பு – பொது அறிவு நிகழ்ச்சி – அவசரகால அழைப்புகள் – அரசு செயல்பாடுகளை அறிவித்தல்.

அலகு - 2

தொலைக்காட்சி அலுவலக அமைப்பு முறைகள் – ஒப்பனையின் இன்றியமையாமை – உடல்மொழியின் முக்கியத்துவம் – ஆடை அலங்கார நெறிமுறைகள் – விழிப்புணர்வுக் கருத்துக்களைப் பரப்புதல் – நிகழ்ச்சிகளை வகைப்படுத்துதல். Sem-III L P C

16UVT320103 2 0 2

Language II- English III

Assurance of Learning:

- To help students acquire the nuances of Television and its uses.
- To introduce Modal Verbs and their uses to students.
- To widen the scope of students' employability to work in the field of television.

Unit-I

- 1. Usage of can and cannot.
- 2. Usage of could and could not.
- 3. Usage of able to.
- 4. Usage of can you and could you.

Unit-II

- 5. Introduction to Television.
- 6. Television in India.
- 7. Various television shows.

Unit-III

- 8. Advertising in Television.
- 9. Interview techniques in Television
- 10. News reading in Television.

Unit-IV

- 11. Usage of must and must not.
- 12. Usage of have to.
- 13. Usage of need and need not.

Unit-V

- 14. V.Js. in Television shows.
- 15. The role of News Channels.
- 16. Television as an entertainer.

BOOKS FOR STUDY

- 1. Murphy, Raymond. Intermediate English Grammar. New Delhi: Cambridge University Press, 2007.
- 2. Murphy, Raymond. Essential English Grammar. New Delhi: Cambridge University Press, 2007.
- 3. Yorke, Ivor. Television Journalism. Manchester: Focal press,1989

BOOKS FOR REFERENCES

- 1. Srivastava, K.M., Radio and Television, Sterling Publishers New Delhi, 1987.
- 2. Stracynski J. Michall, The Complete Books Script Writing: Television, Radio, Motion Pictures, The stage, 2004
- 3. David Keith Cohler, Broadcast Journalism: A Guide for Presentation of Radio and Television News, 2004
- 4. Riber, John. Writing and Producing for Television and Film, Sage Publications NEw Delhi ,2005.

Sem-III L P C

16UVT330207 3 0 3

Core Paper-III

B. Voc Visual Communication Technology

CONCEPTS OF VIDEOGRAPGHY

Assurance Of Learning:

- Ability to understand the Key concepts of Videography
- Ability to analyze the shooting shot and preparing the shoot materials
- Knowledge about techniques of shot and Framing
- Ability to understand requirements of shoot
- Acquire knowledge on the Equipment Handling and Logistics

Unit – I: Videography Key terms

Technical knowledge on Video Camera and Camera Movements - Various parts and functions of Video Camera - Various types of camera: Web Camera, PTZ camera, Handycam and Broadcast quality Video Camera-Video capturing devices-Camera mounts and usage Types of Camera Mount, Handheld and shoulder mount-Tripod-supported, special camera mount-studio pedestal-Operational features- Focusing- Adjusting shutter speed-Zooming-White balance-Framing and exposure- Camera lens- fixed focus and zoom-common lens filters. Technical elements-1: The Shot – characteristics, types, meanings – the scene and sequence. Technical elements-2: camera movements, performance, settings, props, costume, Lighting, editing, sound, SFX.

Unit - II : Camera Operation Techniques

Visual Style, Creative Brief, Shoot Schedule, Multi camera, Budget, timeliness, continuity, Script, Screen play, Pre Production-Production-Post production, Colour grading, Digital Intermediate, Recce, Grips, Jib, Filters, Dolly, Magazines, Clap board, Focus Length and framing Prepare and arrange all the camera equipment for use during shoots- Monitor use of equipment during shoots.

Unit - III : Technical Shots

Shot framing and composition- Marking out the camera - Positions and carrying out rehearsals prior to shoot- Understanding the focus requirements for different types of shots - Pan, Tilt, Tracking, Static, Zoom, Close-up, Wide-Shot, Master shot, High/low angle shot, Long shot, Mid shot-Laying out marks on the set/props.

Unit- IV: Planning Shots

Pull focus and operate cameras during shoots based on the focus lengths established for each shot, including the following: Pan, Tilt, Tracking, Static, Zoom, Close-up, Wide-Shot, Master shot, High/low angle shot, Long shot, Mid shot-Focusing and refocus the camera lenses for each

Unit-V: Handling and Logistics

Dismantling, packing and dispatching equipment after the shoot - Refer and conform the camera specification-Guiding actors and artistes during shoot on their movement and timing-Communicating and Resolving problem areas by the relevant teams- Collaborate with the different departments: lighting and grips, technical and creative quality of the image - Workflow management - Timeliness- Manage within the agreed budget- Minimize overruns- Problem Solving

BOOK FOR STUDY

- 1. Ascher Steven, Pinous Edward- The Film Maker's Hand Book, Penguin Group, NewYork, 1984
- 2. Millesson, Gerald Effective TV production, Sage Publication, New Delhi, 1993

BOOK FOR REFERENCES

- 1. Wurtezel Allan Television production, Routledge, London, 1983
- 2. Grob, Bernard, Basic -Television and video systems, Authors Press, New Delhi, 1984
- 3. Bordwell David, Thompson Kristin Film Art an Introduction, Mc Gram Hill, 1979.
- 4. Hayward Susan Key Concept in Cinema Studies, Routledge, London, 2004
- 5. Jones Chris, Jolliffe Genevieve The Guerilla Film Makers Handbook, Continuum Wellington house, London. (2000).
- 6. In the Blink of an Eye: A Perspective on Film Editing / Walter Murch (2000)

Sem-III L P C

16UVT330403 3 0 3

Allied Paper - III

B. Voc Visual Communication Technology

THEORETICAL ASPECTS OF SPECIAL EFFECT EDITING

Assurance of Learning:

- Ability to understand the how to create illusionary images, segments of Production
- Ability to analyze the Visual effects
- Knowledge about After Effects
- Ability to understand interpolation and Masking Techniques
- Acquire knowledge on the Time Remapping and Rotoscopy techniques

Unit-I: Visual Effects

Special effects an overview-Visual effects- Introduction- Motion Graphics- Significance of visual effects in real time- Post Production Technique- Domestic and International post production- Post-production objectives- Quality standards -Technical, Budget - Deadline- Data management and work flow systems- 2D and3D compositing tools-- Creating Video Visual Effects

Unit-II: After Effects

After Effects - an introduction - After Effects interface- Adobe After Effects workspace-Basic features of the program- Composition: creating, copy, and nudge- Key frames - Transform properties (Anchor Point, Position, Scale, Rotation, and Opacity) - Working with multiple layersimport a layered Photoshop file into After Effects - Create weather animation.

Unit-III: Motion Paths And Interpolation

Customize motion paths - Easing and velocity - Gain control over motion - Pasting motion paths from other programs into After Effects- zoom in and out of panels- Interpolation - Types of interpolation: Linear interpolation, Bezier Interpolation - Scaling.

Unit- IV: Text , Masks And Effects

Manipulate text - Television and film titling. Text tool -Text animation techniques-Import and manipulate text from Photoshop-Compositing and Compositing tool-Layer masks advantages-Creating custom shapes- Pasting -Alpha channels-Transparency- stroke, scribble, Visual Effects-Description- Types- Particles – Analysis - Size- Sand Effects – Smoke Effects- Fire Effects – Cloud Effects – Snow Effects and 3D- Rotoscoping.

Unit- V: Blending Modes, Time Manipulation, And Painting

Add original content -Removing unwanted elements -Beautify footage shot- working in ideal lighting conditions-Toning and blurring images -Saturation and Luminosity-Speed up and slow down time-Time remapping- Adding Sound Tracks- Fitting in video Production

BOOK FOR STUDY

- 1. A Complete Guide to Special Effects Makeup, 2012
- 2. Alan and Isabella Livingston, Graphic Design and Designers New Edition, Thames & Hudson world of art, Singapore, 2003.
- 3. Adobe After Effects CC, Adobe Creative Team Publishers, 2013

BOOKS FOR REFERENCE

- 1. A Complete Guide to Special Effects Makeup, 2012
- 2. Adobe After Effects CC by Adobe Creative Team 2013
- 3. Philip.K. Printing and Estimating, Philip. Kent Publishers, USA, 1991
- 4.Deborah L. Stevenson Handbook of printing process GATF Publications, USA 1994
- 5. Gregory Georges: Photoshop Ver(8) CS Professional Tricks and Techniques, Unique Color Carton Offset Printers, New Delhi-4,2002
- 6. Bride M. Whelan, Color Harmony 2, Guide to Creative Color Combinations, U.S.A, Rockfort Publishers, 1994.

SKILL COMPONENT

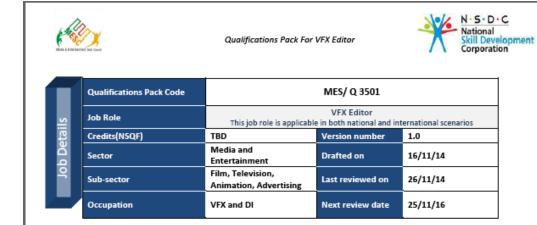
VFX EDITOR



Sem-III & IV L P C 16UVT130208 0 9 9

SKILL COMPONENT

VFX EDITOR



Job Role	VFX Editor		
Role Description	Create illusionary elements/images/segments for production		
NSQF level	6		
Minimum Educational Qualifications	Class X		
Maximum Educational Qualifications	-		
Training (Suggested but not mandatory)	Digital software such as After Effects, Final Cut Pro, Adobe, Blender and Autodesk Maya		
Experience	2+ Years of work experience		
Applicable National Occupational Standards (NOS)	Compulsory: 1. MES / N 3501 (Understand requirements and plan workflow) 2. MES / N 3502 (Manage equipment & material) 3. MES / N 3503 (Create visual effects during post production) 4. MES / N 3508 (Maintain workplace health and safety) Optional: N.A		
Performance Criteria	As described in the relevant OS units		

Sem-III &IV L P C

16UVT130209 0 9 9

SKILL COMPONENT

CAMERA OPERATOR



Sem-III &IV L P C

16UVT130209 0 9 9

SKILL COMPONENT

CAMERA OPERATOR



Qualifications Pack For Camera Operator



	Qualifications Pack Code	MES/ Q 0602		
9	Job Role	Camera Operator This job role is applicable in both national and international scenarios		
Job Details	Credits(NVEQF/NVQF/NSQF) [OPTIONAL]		Version number	01
	Sector	Media and Entertainment	Drafted on	25/04/13
	Sub-sector	Film, Television, Animation	Last reviewed on	Dd/mm/yy
	Occupation	Camera	Next review date	Dd/mm/yy

Job Role	Camera Operator	
	Operating the camera and coordinate efforts of the	
Role Description	camera crew during shoots	
NVEQF/NVQF level		
Minimum Educational Qualifications		
Maximum Educational Qualifications		
Training		
(Suggested but not mandatory)		
Experience	6-8 Years of work experience	
Applicable National Occupational Standards (NOS)	Compulsory: 1. MES / N 0606 (Prepare for Shoot) 2. MES / N 0607 (Operate Camera during Shoot)	
Performance Criteria	As described in the relevant OS units	

2

Sem-IV L P C

16UVT410004 2 0 2

LANGUAGE I - தமிழ் - IV

நோக்கங்கள்

- உலக தொலைக்காட்சி நிலையங்களைப் பற்றி அறிதல்
- சிறந்த நிகழ்ச்சித் தொகுப்பாளரை உருவாக்குதல்
- தொலைக்காட்சி அமைப்பு முறையை அறிதல்

பயன்கள்

- தொலைக்காட்சி நிலையத்தில் பணி வாய்ப்பு பெறல்.
- தகவல் தொடர்புத்துறையில் வாய்ப்பு பெறுதல்.
- ஊடகத்துறையில் பணியாற்றும் வாய்ப்பு பெறல்.

பருவம் – 4

அலகு - 1

தொலைக்காட்சியில் பாடல் தெரிவு செய்யும் முறை – பின்னணி இசை – ஒலிக்கலவை பற்றிய அறிவு – நிகழ்ச்சிப் பங்களிப்பு – நாகரிக அணுகுமுறை – நேயர்களோடு உரையாடும் திறன் – கற்பனைத் திறனுடன் பேச்சாற்றல்.

அலக – 2

நேர்காணல் பயிற்சி – தேசியத் தலைவர்கள் பற்றிய நிகழ்ச்சி மாதிரி – குழுப்பகிர்வு மாதிரிப் பயிற்சி – பலதரப்பட்டவர்களுடன் உரையாடும் திறன் – நேரடி ஒளிபரப்பின் போது கவனிக்க வேண்டியவை – விளம்பரங்களின் முக்கியத்துவம் – விளம்பரதாரர்களின் பங்களிப்பு – ஊடக அணுகுமுறைகள்.

BOOK FOR STUDY

- 1. B.K. Ahuja, Mass Media Communication, Sanjeeth Publications, 2013.
- 2. B.N. Ahuja, Theory and Practice of Journalism, Sanjeeth Publications, 2012.

BOOKS FOR REFERNCE:

- 3. B.K. Ahuja, Mass Media Communication, Sanjeeth Publications, 2013.
- **4.** B.N. Ahuja, Theory and Practice of Journalism, Sanjeeth Publications, 2012.

Sem-IV L P C

16UVT420104 2 0 2

LANGUAGE II - English-IV

Assurance For Learning:

- To help students acquire the nuances of online journalism and its uses.
- To introduce passive voice and conditional clauses and their uses to students.

Unit-I

- 1. Introduction to passive voice.
- 2. Usage of is done/ was done.
- 3. Usage of be/ been/ being done.
- 4. It is said that/ he is said to/ (be) supposed to.

Unit-II

- 5. Introduction to internet.
- 6. Net as a medium of communication.
- 7. Features of the Net.

Unit-III

- 8. Origin of the Web.
- 9. History of the Net in India.
- 10. Online advertising.

Unit-IV

- 11. Conditional clauses and wish.
- 12. Usage of if I do/ if I did.
- 13. Usage of if I know/ I wish I knew.
- 14. Usage of if I had known.
- 15. Usage of who/ that/ which/ whose/whom/where.

Unit-V

- 16. Internet in India.
- 17. Writing and preparing packages for the Web.
- 18. News editing in the online environment.
- 19. Impact of Internet as a medium.

BOOKS FOR STUDY

- 1. Murphy, Raymond. Intermediate English Grammar. New Delhi: Cambridge University Press, 2007.
- 2. Murphy, Raymond. Essential English Grammar. New Delhi: Cambridge University Press, 2007.
- 3. Ray, Tapas. Online Journalism. New Delhi: Foundation Books, 2014.

BOOKS FOR REFERENCES

- 1. Hall, Jim. Online Journalism: A Critical Primer. VA, Pluto Press, 2001.
- 2. Meyer, Philip. The New Precision Journalism. Indiana University Press, 1991.
- 3. Fiske, John. Introduction to Communication Studies, 2nd Edition. London and New York, Routledge, 1998.

Sem-IV L P C

16UVT430210 3 0 3

Core paper - IVB. Voc Visual Communication Technology

CREATIVE SCRIPT WRITING

Assurance Of Learning:

- Ability to understand process of Production for Script
- Ability to analyze the Narrative Structure of Story
- Knowledge about Scripting Software's and Typing Skills
- Ability to understand the genres of script for various media
- Acquire knowledge on the Creative Thinking

Unit - I: Script

Definitions - fundamental principles, norms, guidelines, techniques- Script writing elements: Story, Screen play and Dialogue and Lyric writing - Script formats and style: parenthesis, description, scene transitions - dialogue - light and sound details - story board - Script types (short and full length script). Story: Definitions - Tag line - One line - Synopsis to decision makers like directors and producers.

Unit - II: Story Telling as a Folk Oral Culture

Story telling techniques and ethos in a dramatic way - Pitch presentation - Structuring the story - credible characterization - Real life event characterization - Event observation

Unit - III: Creativity Thinking

Thinking out of the box-Critical thinking - Creative thinking - related competencies - Adopting creative thinking in daily life - Various methods to boost creative thinking skills and creative presentation skills.

Unit - IV: Narrative Structure in Script

Beginning, development and climax - Principle of suspense - Various writing nature: for Animation, Ads, Documentaries, Short films, TV series - Drama (for radio & TV) -Writing nature to specific genres: action, comedy, crime, history, horror, romance, science fiction, teens, thrillers - News reporting - Interview writing - Writing nature to target audience-Typing skills in regional languages, Bamini type sets, using unicode - Correct grammar, spelling, punctuation, phonetics etc.

Unit - V : Script Related Laws

Copy rights - Contractual protocols- Writers problems & issues- Protections & Writers' union-Script safety practices: issues and solutions.

BOOKS FOR STUDY

- 1. Hilliard L. Robert, Writing for television, Radio and New Media . New York : Routledge, 2000.
- 2. Copper, Patt, Writing the short Film, Elsevier Publication, 2001

BOOKS FOR REFERENCE

- 1. Milton, Shirley Creative Connections, Sage Publication New York, 1982
- 2. Hunters Lew, Screen Writing 432, The Berkley Publishing Group. New York 1994
- 3. Kaushik Sharda, Script to Screen, Macmillan India Ltd, 2000
- 4.Mencher Melvin, Basics of Media Writing, Jaico Publication New Delhi ,2002
- 5. Frensham Ray , Screenwriting. London: Mc Graw Hill companies, 2002

Sem-IV L P C

16UVT430404 3 0 3

Allied paper- IV

B. Voc Visual Communication Technology

GRAPHICS AND MULTIMEDIA

Assurance Of Learning:

- Ability to understand the purpose of graphic design
- Ability to analyze the Multimedia Systems and Hyper Media
- Knowledge about Digital Media Technology
- Ability to understand Image Authoring Tools
- Acquire knowledge on Multimedia Productions

Unit - I : Getting started with Graphics Design

Introduction of Graphics- General Purpose graphics software –types of Graphics – Application – Bitmap Vs vector graphics - Image Vs Movie - Concepts of Frame Rate and Resolution – PAL - NTSC and Film Standards- Animation basics - Timeline, Frames and Key Frames - Key frame animation, Shape animation - Path animation - Conventional Animation Vs Flash animations.

Unit - II : Multimedia Concepts

Multimedia Definition -Multimedia system- Multimedia elements- evolving systems of Multimedia- Multimedia applications : Business ,education, and entertainment - Digital Media and Hyper Media

Unit - III: Graphics and Multimedia File Formats

Multimedia File formats - Data compression and Decompression , Types and Methods of compression and Decompression , Multimedia I/ O Technologies

Unit- IV: Graphics and Multimedia Production

Multimedia Production - Idea/ concept, Script, Storyboard, templates user interface, Production and Delivery Strategies - Navigation Structures - Linear, Hierarchical, Non linear and Composites, hotspots, Preproduction and Post Production Problems and Solutions.

Unit - V: Image Authoring and Editing Tools

Image file formats, Layers, RGB,CYMK, Contrast, Brightness, Contrast Ratio, Aspect Ratio, Image Enhancing Technique. Introduction to 2D Animation, Characteristics of 2D Animation, Streaming Media - Recent techniques in Graphics media- Job opportunities in graphic media.

BOOK FOR STUDY

- 1. Alan and Isabella Livingston, Graphic Design and Designers New Edition, Thames & Hudson world of art, Singapore, 2003.
- 2. Alley Brain, Graphic Design and Multimedia and Illustration, Worcester Publishers ,2005

BOOK FOR REFERENCES

- 1. Bieruts, The Design Annual, Unit Editions, 2015
- 2.Lisa Lupuck, Designing Multimedia: A Visual Guide to Multimedia and Online Graphic Design, Peach pit publishers,1996
- 3. Alley Brain, Graphic Design and Multimedia and Illustration, Worcester Publishers ,2005
- 4.A Complete Guide to Special Effects Makeup, 2012
- 5. Adobe After Effects CC, Adobe Creative Team publishers, 2013

Sem-V L P C

16UVT530211 4 0 4

Core paper- V

B. Voc Visual Communication Technology

GLOBAL TREND SETTING FILMS AND DIRECTORS

Assurance Of Learning:

- Ability to understand the Film Forms and Movements
- Ability to analyze the Film Making Process
- Knowledge about Mise-en- scence
- Ability to understand the genres of Films
- Acquire knowledge on the Great Auteur both at the International as well National and Regional

Unit I: Film History and Major Movements

Early Cinema (1893-1903) - Development of Classical Hollywood cinema (1903-1927), German expressionism (1919-1924) - Soviet Montage (1924-1930) - The Classical Hollywood Cinema after the coming of sound- Italian neo-realism (1942-1951) - The French New wave (1959-1964) - Indian (Hindi, Tamil & other languages) - Contemporary trends.

Unit II: Film Making Process and Film Forms

Film forms: narrative and non-narrative -Realism, Symbolic simulation - Typology of genres of fiction - Subjectivity, causality and time - Concepts of national cinema - Issues in world and Indian cinema - Planning, Pre-production: Concept , Story development, Scripting / Screen play writing, Budgeting, Casting, Locations, Financing - Production: Shooting, Direction & Cinematography- Post production: Editing, Sound recording, Dubbing, Special effects, Graphics & Final mixing, Distribution & Exhibition.

Unit III: Elements of Film

Mise-en-scene: Aspects of mise-en-scene, Functions of Mise-en-scene: space and time, narrative - Cinematographer properties: photographic image, framing, duration of the image, montage and long take.

Unit IV: Genre

Approaches to studying film-Narrative and Non Narrative films- Structure of a narrative film-Cinematic codes - Film Forms: Principles of film, narrative form, non-narrative films- Dividing a feature film into parts and Genres (language, style, grammar, syntax.)- Documentary genres.

Unit V: Great Auteurs

Study of Great Indian and International filmmakers like: D. W. Griffith, Charlie Chaplin, Alfred Hitchcock, Akira Kurusowa, Ingmar Bergman, Satyajit Ray, Adoor Gopalakrishnan and others.

BOOKS FOR STUDY

- 1. Ascher Steven, Pinous Edward- The Film Maker's Hand Book, Penguin Group, NewYork, 1984
- 2. In The Blink of an Eye: A Perspective on Film Editing, Walter Murch, 2004

BOOKS FOR REFERENCE

- 1. Bordwell David, Thompson Kristin Film Art an Introduction, Mc Gram Hill, 1979.
- 2. Hayward Susan Key Concept in Cinema Studies, Routledge, London, 2004
- 3.Jones Chris, Jolliffe Genevieve The Guerilla Film Makers Handbook, Continuum Wellington house, London, 2000.
- 4. Wasko Janet How Hollywood Works, Sage Publication, London, 2003
- 5. In The Blink of an Eye: A Perspective on Film Editing , Walter Murch, 2004

Sem-V L P C

16UVT530212 4 0 4

Core paper- VI

B. Voc Visual Communication Technology

MEDIA LAWS AND ETHICS

Assurance Of Learning:

- Ability to understand the Constitution of India and its Fundamental Rights
- Ability to analyze the Media Freedom
- Knowledge about laws and Journalistic codes of Ethics
- Ability to understand Laws related to the Press Functioning
- Acquire knowledge on the Cyber Laws, Women Rights and Child Acts

Unit I: Constitution of India - Codes of Law

Indian Constitution: Preamble - Salient features - Fundamental rights - fundamental duties - Directive principles of state policy - Citizenship.

Unit-II: Freedom of Press in Various Political Setups

The Union and State Government - The Executive - The President, Governor -Powers - The Judiciary - Parliament- privileges, Function - The Emergency powers - Amendments to the Indian Constitution.

Unit-III: Laws Related to Media Functioning

Media Laws: Freedom of the Media - Freedom of the Media in India- TRAI-Broadcasting and Telecasting ethics

Unit-IV: Laws Related to Press Functioning

Journalistic Codes of Ethics - Press Commissions - The Law of Copyrights - TRIPS and TRIMS -International Intellectual Property of Rights -The Contempt of Courts Act, 1971- The India Penal Code, Sections 124-A, 495, 496, to 501- The Criminal Procedure Code, Sections 108, 144 - The Indian Telegraph Act

Unit-V: Cyber Laws and Government Information Services

Right to Information (Information Bill) - Information Technology Bill- Laws related to Consumer Rights- Laws of Human Rights - Child Labor Acts - Women's Rights- Cyber Laws - Cable Act.

BOOK FOR STUDY

1. Durga Das Basu, The Law of the Press in India, Hall of the Indian Private Limited, New Delhi 2002

BOOK FOR REFERENCE

- 1. Durga Das Basu, Laws of the Press in India ,1987
- 2. Durga Das Basu: The Constitutional Law of India, Prentice Hall of India, New Delhi 2002
- 3. Arun Bhattcharee: Indian Press Profession to Industry, Vikas Publication, Delhi 1999
- 4. Constitutional law of India (updated every year) J. N. Pandey
- 5.Jan R. Hakemulder, Fay Acde Jonge, P.P. Singh, Media Ethics and Laws, sage publishers, London 2002
- 6. Reports on Consumer Rights, Human Rights and draft report of the IT AC

Sem-V L P C

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Core paper- VII

B. Voc Visual Communication Technology

MEDIA EQUIPMENT MAINTENANCE AND MEDIA PRESENTATION SKILLS Assurance Of Learning:

- Ability to understand the need Equipment Maintenance
- Ability to analyze the problems with the camera and Accessories
- Knowledge about Media Presentation skills
- Ability to understand Body Language and Voice Modulation
- Acquire knowledge on the presentation skills for the Audio Visual media

Unit-I: Media Equipment

Media equipment - Meaning and Definition- Need for Maintenance and Servicing- Good housekeeping practices - **Photographic equipment** and types - Digital and film photography-Digital images and their characteristics - Pixels and resolutions- Digital Camera and their types - Accessories of a digital camera - Use and store cameras accessories - Equipments in a Safety precautions - Care and maintenance of camera- Image printing equipment- Storage and memory issues of digital images. Scanners and their applications. **Equipment for Videography:** Features of Video cameras- Handycam and Broadcast quality Video Camera-Video capturing devices- Web Camera - PTZ camera - Video tuning cards - Video editing systems and their components- Video mixers - Video file rendering, storing and retrieving systems - Streaming of video over net- Block diagram of color TV receiver description of each element- CCU, signal stabilizers, special effect generators, character generators, Digital TV basics.

Unit- II: Maintenance of Digital Audio Recording

Need for Digital Audio Recording Maintenance - Functions of Resistors and capacitors - Use of multimeter- Power system components and UPS - Components of Radio- Audio

equipments: Types and usage- Audio capturing, Amplifying, Transmitting and recording devices - Microphones-Cordless microphones - Audio storage media and types- Types of audio delivery systems - Audio mixers- FM and AM tuning- Frequency bands used in Radio communications - ADCs and DACs - Identify different parts, controls and accessories of a recording suit- Maintenance of computer accessories and recording equipments in a safe manner- Storage in different types of media such as CD- Identifying and Resolving Problems with Metering- Sorting out problems with Audio cables-Patch bays and Channel Routing

Unit - III: Communication Skills And Presentation Technique

Effective communication skills: Language skills, Oral and Written communication skills-Presentation techniques; Voice modulation, appearance, Eye contact, Facial expression, Body language, General knowledge, Appearance.

Unit-IV: Presentation Skills for Audio and Visual Medium

Radio presentation skills: Presentation techniques- R Jing, Compering, Radio commentary, Radio announcement, Radio talk, interviewing skills, News reading. Phone-in-Programmes - Television presentation skills: Presentation techniques- anchoring, News Presentation, Newscasting, Panel Discussion, Television interviews, live reporting, Phone-in-Programmes.

Unit-V: Presentation Skills for Special Programmes

Special programs: planning, preparation, scripting and Rehearsal for award functions, reality shows, Cultural and Sports programmes.

BOOKS FOR STUDY

- 1. Brad Philips, The Media Training Bible: The things you Absolutely Positively need to Know Before your Next Interview, Speak Good Press, 2012
- 2. Shann, Media Equipment Maintenance Logbook, Spudtc Publishing, 2015
- 3. Sharyon Doolan, Media Presentation Skills: How to deal with the Media for Business and Profit, Sharyon Doolan pty Ltd, 2012.
- 4. Agarwal, Media Training and Presentation Skills: How to deal with media, Brook Publishing, Newyork,2010

BOOK FOR REFERNCE

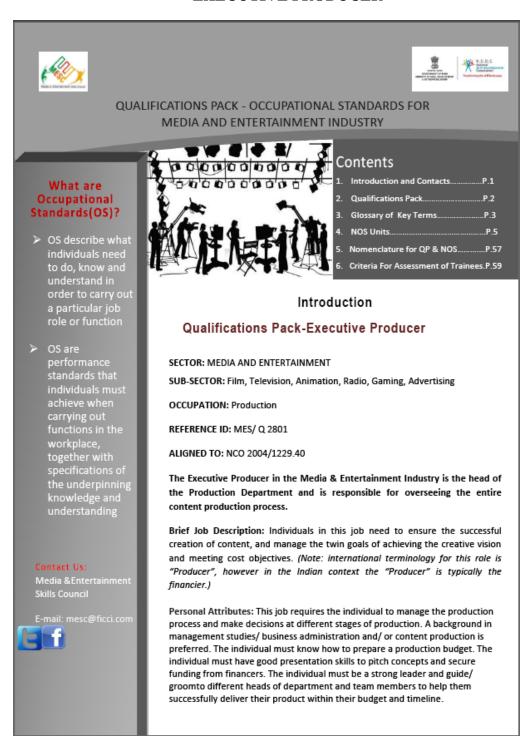
1. Brad Philips, The Media Training Bible: The things you Absolutely Positively need to Know Before your Next Interview, Speak Good Press, 2012

- 2. Shann, Media Equipment Maintenance Logbook, Spudtc Publishing, 2015
- 3. Sharyon Doolan, Media Presentation Skills: How to deal with the Media for Business and Profit, Sharyon Doolan pty Ltd, 2012.
- 4. Agarwal, Media Training and Presentation Skills: How to deal with media, Brook Publishing, Newyork, 2010
- 5. Ian Tuhovsky ,Communication Skills Training And: A Practical Approach To Improve Your Social,2011
- 6. Ahuja, You Are on: How to Develop Great, 2000

Sem-V&VI L P C 16UVT130214 0 9 9

SKILL COMPONENT

EXECUTIVE PRODUCER



SKILL COMPONENT

EXECUTIVE PRODUCER



Qualifications Pack For Executive Producer





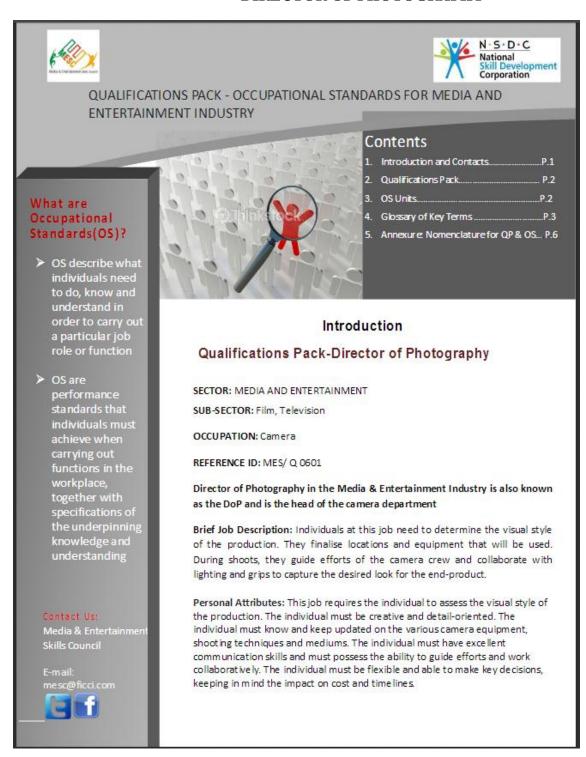
Job Details

Qualifications Pack Code	MES/ Q 2801		
Job Role	Executive Producer This job role is applicable in both national and international scenarios		
Credits (NSQF)	TBD	Version number	1.0
Sector	Media and Entertainment	Drafted on	08/11/14
Sub-sector	Film, Television, Animation, Radio, Gaming, Advertising	Last reviewed on	26/11/14
Occupation	Production	Next review date	07/11/16

Job Role	Executive Producer		
Role Description	Head of the Production Department and responsible for overseeing the entire content production process Note: It is important to note that given the spread of the activities under production, the size of the department can vary significantly by project. The proposed qualification packs provide a typical hierarchy. Where tasks are common across different profiles – the seniormost person would perform the most complex aspects of that task and the junior level persons would perform less complex aspects.		
NSQF level	7		
Minimum Educational Qualifications	Graduate		
Maximum Educational Qualifications	Post-graduate in Business, Film Making		
Training (Suggested but not mandatory)	Course in Content Production		
Minimum Job Entry Age	18 years		
Experience	5-7 Years of work experience 8+ Years for Senior Executive Producers and large projects		
Applicable National Occupational Standards (NOS)	Compulsory: 1. MES/ N 2801 (Contribute Creative Ideas for Production) 2. MES/ N 2802 (Develop the Production Schedule) 3. MES/ N 2803 (Create and Monitor the Production Budget) 4. MES/ N 2804 (Recruit Cast and Crew) 5. MES/ N 2805 (Procure Equipment and Material for Production) 6. MES/ N 2809 (Coordinate Production Activities) 7. MES/ N 2810 (Oversee the Post Production Process) 8. MES/ N 2811 (Produce Promotional Materials) 9. MES/ N 2813 (Purchase and Negotiate for Content) 10. MES/ N 2814 (Source Finance for a Production) 11. MES/ N 0104 (Maintain Workplace Health and Safety) Optional: N.A.		
Performance Criteria	As described in the relevant OS units		

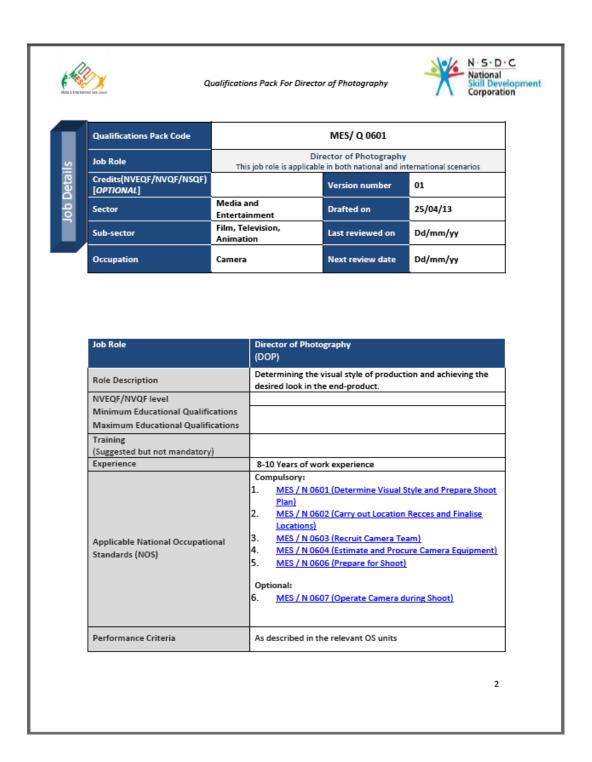
SKILL COMPONENT

DIRECTOR OF PHOTOGRAPHY



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SKILL COMPONENT DIRECTOR OF PHOTOGRAPHY



Sem-V L P C

16UVT630216 4 0 4

Core paper- IX

B. Voc Visual Communication Technology

MEDIA MANAGMENT

Assurance Of Learning:

- Ability to understand the media organization management
- Ability to analyze the Media Production and Controls
- Knowledge about Entrepreneurship
- Ability to understand Marketing Trends
- Acquire knowledge on the Advertising Management

Unit - I: Management Structure & Its Functions

Management in Media organization – Structure – Nature and Process of management – Levels of management – skills, functions and management roles - Theories of management – classical, human relationships- Modern approaches to management- Societal and organizational environment.

Unit - II : Production Management

Production management - Preproduction, Scheduling, Budgeting, Financing, Controlling, Production, Post-production and delivery.

Unit - III: Media Convergence

Entrepreneurship – Monopoly, oligopoly - Financial management – Media convergence-economics- Future of media business – Employment opportunities and status of media industry.

Unit -IV: Advertising Management

Advertising management - Profit, Sales and market share objectives- Setting the budget, Media selection - Media scheduling.

Unit- V: Marketing Management

Marketing – management – Creativity and innovation – Internal communication and external communication-Understanding market and factors - Audiences – Research and analysis, Ratings, Trends in marketing and selling.

BOOK FOR STUDY

- 1. Block et al. Managing in the Media. Focal Press 2001.
- 2. Andrej vizjak and Max Riglstter, Media management, Springer, 2003

BOOKS FOR REFERENCE

- 1. Block et al. Managing in the Media. Focal Press 2001.
- 2. Alan B. Albarran, Sylvia A handbook of Media management and Economics Lawrence Elbaun Associate Publishers, 2006.
- 3. William james willis and diane B. willis, New Directions in Media Management, Routledge, 2006.
- 4. Alan B. Albarran Management of Electronic Media, Wadsworth, 2009
- 5. Richard Gates, Production Management for Film and Video, Focal Press, London, 1992.

Sem-VI L P C

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Core paper- VIII

B. Voc Visual Communication Technology

MEDIA PUBLIC RELATIONS

Assurance Of Learning:

- Ability to understand the need for Public Relation in the organisation
- Ability to analyze the PR strategies
- Knowledge about Public Relation Campaign
- Ability to understand the role of PR in media institution
- Acquire knowledge on the writing techniques for press and press release and press handouts

Unit -I: Public Relations: Introduction

Public Relations- Definition- PR as a communication function- History of PR- Growth of PR in India- Public relations- Propaganda and public opinion- PR as a management

Unit -II: Understanding Public Relations

Stages of PR – Planning, implementation research, evaluation- PR practitioners and media relations-Press conference- Press release- Exhibition and other PR tools.

Unit -III: General Practice

Communication with the public - Internal and external, Employer - employee relations, Community relations; PR in India – Public and private sectors- PR counseling- PR agencies- PR and advertising- PR for media institutions.

Unit IV: PR Campaign

Audience – Demographics and Medium-Budget-Plan-Implement-Effectiveness

Unit V: Writing For Public Relations

Writing news releases-Brochures, Pamphlets-Letters-Handouts-Oral presentations - Company publications.

BOOK FOR STUDY

1. Lesly, Philip - Handbook of Public Relations and communications, Jaico publication New Delhi, 2002

BOOK FOR REFERENCE

- 1. Y. K. D'souza, Mass Media Tomorrow, Indian Publishers Distributors, New Delhi, 1977.
- 2. S. Ganesh, Lectures on Mass Communication, Indian Publishers Distributors, New Delhi, 1995.
- 3. J. L. Kumar, Mass Media, Anmol Publications Pvt Ltd., New Delhi, 1996.

Sem-VI L P C

16UVT630218 4 0 4

Core paper- XB. Voc Visual Communication Technology

MEDIA INTERNSHIP

AIM

To enable the student to get exposure to actual situations and day-to-day functioning of an advertising agency or professional studio.

CONTENT

- For period of one months, the student will be attached to an agency or studio, on an internship basis.
- The intern will be exposed to the particular area of specialization already chosen.
- Progress of the intern will be closely monitored by the department guide in co –
 ordination with studio/agency guide.
- A report and viva voce will complete the process of evaluation.
- Criteria for selecting the topic will be based on area of specialization already chosen by the student.
- Emphasis will be given to producing work that can be made use of in the industry.
- The student will enter the media industry with an evaluated portfolio.