

**MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB**  
**Syllabus of B. Sc. Film & Television**  
**(Effective for 2020-2021 Admission Session)**  
**Choice Based Credit System**  
**140 Credit (3-Year UG) MAKAUT Framework**  
**w.e.f 2020-21**

## Semester 2

Subject Type	Course Name	Course Code	Credit Distribution			Credit Points	Mode of Delivery			Proposed Moocs
			Theory	Practical	Tutorial		Offline	Online	Blended	
CC 3	Genesis of Cinema to Pre War (WW II) Film Movements	FTTA 201	5	0	1	6	✓			As per MAKAUT Notification
CC 4	Advanced Image Production – Still & Video	FTTA(T) 202	4	0	0	6	✓			
		FTTA 292	0	2	0					
GE 2	Students will have to choose from the GE Basket					6			✓	
AECC 2	Environmental Science	FTTA 265	2	0	0	2	✓			
<b>Semester Credits</b>						<b>20</b>				

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**Genesis of Cinema and Pre War (WW II) Film Movements**

Course Objective- The course is designed to provide a working knowledge of Motion Picture. The students will be able to use element of motion picture in the production process.

Credits- 5T+ 1L

Sl	Course Outcome (CO)
1	To understand the basic aspects of genesis of film as an art
2	Understanding the conditions of conventional cinema production of Hollywood
3	To understand the aspects of cinematic development before World War II
4	Articulate and identify the elements of film movements and their evolving aesthetics
5	To understand the evolution of cinematic language and its implications, methods, and their objectives through various thoughts of cinematic language

**THEORY- FTTA 201**

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1	1,2	M1, M2, M3	25
CO2	1,2	M1, M2,	15
CO3	2,3	M2, M3, M4, M5	25
CO4	2,3	M3, M4, M5	15
CO5	2,3	M1, M3, M4, M5	20
			<b>100</b>

Module 1 (M1)	<b>Early Cinema:</b> Pre Cinema Shadow Plays, Magic Lantern, Persistence of vision toys, Janssen's experiment on the Transit of Venus; Eadweard Muybridge's Experiment. Actuality and Trick Cinema Early cinema and its characteristics as seen in the works of Lumiere Brothers, George Melies, Films from Edison's studio; Edwin S. Porter.
Module 2 (M2)	<b>Classical Hollywood Cinema:</b> Griffith and the introduction of narrative cinema; Idea of continuity; Development of the ideas of cinematic space and time. Evolution of Hollywood conventions and codes. Genres - Western, Silent Comedy, Musical, Film Noir, Science Fiction, Drama, Thriller. Studio System, Star System and the Golden Era. Films: <i>Birth of A Nation</i> , <i>Modern Times</i> , <i>Stagecoach</i> , <i>Psycho</i> , <i>Sound of Music</i> , <i>Gone with the Win</i> .

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Module 3 (M3)	<b>Film Movements - Soviet Montage:</b> Ideological trigger and Marxism, Kuleshov Experiment, Montage Theory, Eisenstein, Pudovkin, Dovzhenko, Vertov. Films: <i>Strike, Battleship Potemkin, Man with the Move Camera</i>
Module 4 (M4)	<b>Film Movements - German Expressionism:</b> Expressionism as an art movement Adapting Expressionist ideas to cinema: <i>The Cabinet of Dr. Calligari</i> : Socio political conditions in Germany in the 20s and why the ending of the film had to be changed UFA Studios and the production of <i>Metropolis</i> Other expressionist films like <i>Nosferatu</i>
Module 5 (M5)	<b>Film Movements - Surrealism:</b> Surrealism as an art movement, Freud and his influence, Luis Bunuel, Jean Cocteau, Salvador Dali. Film: <i>Un Chien Andalou</i>

**Suggested Readings:**

1. Bordwell, David, and Kristin Thompson, *Film Art: An Introduction*. New York: The McGrawHill Companies, 1996.
2. James Monaco, et al. *How to Read a Film: The Art, Technology, Language, History, and Theory of Film and Media*. New York: Oxford University Press, 2000

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**Advanced Image Production – Still & Video**

**Course Objective-** The course is aimed at training students at the advanced levels of technical and aesthetic aspects of both still and camcorders with a wider vision of both film and television production.

Credits- 4T+ 2P

Sl	Course Outcome (CO)
1	To understand various aspects of image production through still photography
2	To understand the basics of light set up for various subjects and genres
3	To understand the mechanism, technique and aesthetic of video camera or camcorders
4	To understand the conceptual set up of shooting in a television studio

**THEORY- FTTA (T) 202**

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1	2,3	M1	20
CO2	2,3	M1, M2, M3	35
CO3	2,3	M1, M2, M3	25
CO4	2,3	M3	20
			<b>100</b>

**PRACTICAL - FTTA 292**

CO	Blooms Level (if applicable)	Modules	%age of questions
CO1	2,3	M1	20
CO2	2,3	M2	10
CO3	2,3	M1, M2, M3	40
CO4	2,3	M3	30
			<b>100</b>

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Module 1 (M1)	<p><b>Advanced Photography</b>  Familiarization with the range of digital cameras – sensor size, sensor resolution, output formats  Lights and lighting; Types of lights and their uses; Three point lighting, dramatic lighting, High and low key lighting, Diffuse and focused lighting  Studio photography: Fashion, glamour, Food/ Or lighting a film set</p> <p><b>Exercise:</b> Still life and product photography, food photography, fashion photography, Portrait photography  Analysis of lightings in different film sequences: Subrata Mitra, Guru Dutt, Hitchcock, Sequences of Singing in the Rain, Sin City, Watchmen, Blade Runner  Lighting up a studio set for a horror scene/ romantic scene</p>
Module 2 (M2)	<p><b>Advanced Videography</b>  Types of video cameras  Shooting with a DSLR with advanced settings  File formats created during shooting</p>
Module 3 (M3)	<p><b>A simple television studio</b>  The television studio and positioning of cameras  Lighting a television studio set  Backdrop and chroma screen  Positioning of microphones  Teleprompter and Talk back system  Control room and online editing</p> <p><b>Exercise:</b> Recording a short studio based programme using a three camera setup</p>
<p><b>Suggested Readings:</b></p> <ol style="list-style-type: none"> <li>1. Gerald Millerson, <i>Television Production</i></li> <li>2. <i>American Cinematographer Manual</i></li> <li>3. Steven D Katz, <i>Film Directing Shot by Shot</i></li> <li>4. <i>Langford's Advanced Photography</i></li> <li>5. John Gress, <i>Digital Visual Effects and Compositing</i></li> </ol>	

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**AECC 2- Environmental Science**

**Semester Credits- 2T**

**Course Objective:** The course is designed to provide a working knowledge of environment, ecology and physical sciences for problem solving. The learner will be able to remember, understand and apply the taught concepts and methods involving social and environmental processes for betterment of environmental health and safety.

**COURSE OUTCOMES (CO):**

Sl	Course Outcome	Mapped modules
1	Be able to remember the basic concepts related to environment & ecology	M1,M2
2	Be able to remember & understand the scientific problem related to air, water, noise & land pollution	M1, M2
3	Be able to understand environmental laws , regulations , guidelines and n applying those for maintaining quality of environmental health and safety .	M1, M2,M3

Module Number	Content	Total Hours	%age of questions	Covered CO	Blooms Level
Module 1	Environmental Concepts	7	30%	1,2	L1
Module 2	Resources & Pollution	6	30%	2,3	L1, L2
Module 3	Environment Management	7	40%	1,2,3	L2,L3

**SYLLABUS**

Module 1: Environmental Concepts – Definition & basic concept of Environment & Ecology, man, society & environment, their interrelationship, Elements of ecology elements of ecology - species, population, community, definition of ecosystem- Structure & function of ecosystem (Bio geo chemical cycles, food chain, energy flow, ecological pyramid), Biodiversity & its threats and remedies. [7]

Module 2: Resources & Pollution – renewable & non-renewable resources, Bio-degradable and non-biodegradable pollutants, Sources & Effects of Pollution, Methods of Control (Air, Water. Land, & Noise)

Module 3: Environment Management - Concept & scope of environment Management, National environmental policy & Environmental Legislations in India, Environment Management System – ISO 14000, Environmental Audit, Eco mark, green Industry, Cases on Environment Impact Assessment.

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**REFERENCES**

Suggested Readings

1. N.K. Oberoi: Environmental Management, Excel Books
2. G.N. Pandey: Environmental Management, Vikas
3. K.M. Agrawal & P.K. Sikdar: Text Book of Environment, MacMillan
4. L.W. Canter: Environmental Impact Assessment, McGraw Hill
5. M.P. Poonia & S.C. Sharma, Environmental Studies, Khanna Publishing House (AICTE Recommended Textbook – 2018)
6. Masters, G. M., “Introduction to Environmental Engineering and Science”, Prentice-Hall of India Pvt. Ltd.,1991.
7. De, A. K., “Environmental Chemistry”, New Age International
8. Fundamentals of Ecology -Odum, E.P.
9. Instant notes on Ecology -Mackenzie, A., Ball, A.S. and Virdee, S.R. (1999) Viva Books
10. G. Dasmahapatra – Basic Environmental Engineering & Elementary Biology, Vikas Publication
11. Environmental Science, Cunningham, TMH
12. Environmental Pollution Control Engineering, C.S.Rao, New Age International
13. Environmental Science, Wright & Nebel, PHI
14. Environmental Pollution Analysis, S.M.Khopkar, New Age International