

**Maulana Abul Kalam Azad University of Technology, West Bengal**

*(Formerly West Bengal University of Technology)*

**Syllabus for B. Sc. In Media Science & Tech**

**(Effective for Academic Session 2019-2020)**

**SEMESTER-VI**

**Paper: How to Read a Film?**

**Code: BMS (N) 601**

**Contacts Hours / Week:2L+1T**

**Credits: 3**

<b>Course Content</b>	
<b>Unit 1</b>	<b>Illusion of Movement Pre-cinema toys and machines Shot:</b> Understanding the cinema's prehistory frequently narrated though various visual toys led to moving pictures; Lumiere Brothers, Melie, Edition; Birth of Narrative Cinema – Edwin Porter, D.W. Griffith; Early Indian Cinema;
<b>Unit 2</b>	<b>Mise-en-scene</b> Mise-en-scene & Composition Aspects of mise-en-scene Realism & Mise-en-scene
<b>Unit 3</b>	<b>Sound</b> Basic Introduction to Sound Audio components Diegetic & non-diegetic sound
<b>Unit 4</b>	<b>Film as Art, Technology and Language</b> Specificity of the Film Medium Art and Technology Film as Language

**Suggested Readings:**

- Film Art: An Introduction by David Bordwell & Kristin Thomson
- How to read a film by James Monaco
- Filmmaker's Handbook by Steven Ascher & Edward Pincus
- Encyclopedia of Indian Cinema by Asish Rajadhyaksha and Paul Willemen

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**Paper: Film & Television: Theory & Practice**

**Code: BMS (N) 602**

**Contacts Hours / Week: 3L**

**Credits: 3**

<b>Course Content</b>	
<b>Unit 1</b>	<b>Study of different schools of film making</b> Hollywood Studio System German Expressionism Neo realism Surrealism French new wave
<b>Unit 2</b>	<b>Television</b> Historical developments as international media (beginning from late 19th century) Technology, history and regulation History of Indian Television

**Suggested Readings:**

- Film Art: An Introduction by David Bordwell & Kristin Thomson
- How to read a film by James Monaco
- History of Narrative film by David A. Cook
- Understanding Movies by Louis Giannetti
- Oxford History of World Cinema
- Television Culture by John Fiske
- Radio & television by K. M. Srivastava
- Broadcast Television by S. C. Bhatt

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**Paper: Film Production - Direction & Screenplay Writing, Cinematography, Editing, Sound Design**

**Code: BMS (N) 603**

**Contacts Hours / Week: 3L+1T**

**Credits: 4**

<b>Course Content</b>	
<b>Unit 1</b>	<b>The stages of making a film</b> Pre-production , production, post-production
<b>Unit 2</b>	<b>Cinematography &amp; lighting</b> Types of shots; Camera angles, placement, movement, types of lenses; basics of lighting
<b>Unit 3</b>	<b>Editing</b> Transitions, Continuity of time & space Shot, Scene & Sequence
<b>Unit 4</b>	<b>Sound Design</b> Fundamental techniques of sound design Auditory pattern of object perception

**Suggested Readings:**

- Understanding Movies by Louis Giannetti
- Filmmaker's Handbook by Steven Ascher & Edward Pincus
- Grammar of the Shot by Roy Thompson & Christopher J. Bowen
- Grammar of the Edit by Roy Thompson & Christopher J. Bowen
- Sound for Film and Television by Tomlinson Holman

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**Paper: Film in Digital Era**

**Code: BMS (N) 604**

**Contacts Hours / Week: 2L+1T**

**Credits: 3**

<b>Course Content</b>	
<b>Unit 1</b>	<b>Investigate innovations in the feature film format:</b> The basic introduction to film format in digital era A journey from 'Maker' to 'Marketer' Planning in the Digital Era (NetFlix, Amazon and social media)
<b>Unit 2</b>	<b>Examine the moving image digital technologies</b> What are the Major Changes? The Impact of Digital Technology on Filmmaking The basic concept of copyright and intellectual property
<b>Unit 3</b>	<b>Examine the effects of digital film making on our understanding of the medium, genre, and their cultural functions.</b> Audience engagement Introduction of the new forms Rise of the 'Amateur' Literature, Film Genre & Transmedia culture

**Suggested Readings:**

- How to read a film by James Monaco
- Understanding Movies by Louis Giannetti
- Filmmaker's Handbook by Steven Ascher & Edward Pincus
- Transmedia Marketing: From Film and TV to Games and Digital Media by Anne Zeiser
- Amateur Media and Participatory Cultures: Film, Video, and Digital Media by Annamaria Motrescu-Mayes, Susan Aasman
- Making New Media: Creative Production and Digital Literacies By Andrew Burn
- Film Criticism in the Digital Age edited by Mattias Frey, Cecilia Sayad
- Cinema in the Digital Age By Nicholas Rombes

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**Paper: Introduction to Photography**

**Code: BMS (N) 605**

**Contacts Hours / Week: 2L+1T**

**Credits: 3**

<b>Course Content</b>	
<b>Unit 1</b>	<b>Introduction to Photography</b> Photography- Definition & concept Nature, scope & functions of photography History of Photography Human Eye & Camera General discussion on different photographs
<b>Unit 2</b>	<b>Techniques of Photography</b> Composition, Framing, and Angles Brief introduction to Shutter Speed, Aperture and ISO Lenses and their uses including Depth of Field Using a DSLR Evaluation through projects and practice sessions.
<b>Unit 3</b>	<b>Basics of Lighting</b> Characteristics of Light Natural Light & Artificial Light Hard Light & Soft Light Evaluation: through practice and flipped classrooms.

**SUGGESTED READINGS:**

- Langford's Basic Photography: The Guide for Serious Photographers by Michael Langford
- The Mind's Eye: Writings on Photography and Photographers by Henri Cartier-Bresson
- <https://digital-photography-school.com/digital-photography-tips-for-beginners/>

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**Paper: Film Making - Lab**  
**Code: BMS (N) 691**  
**Contacts Hours / Week: 2P**  
**Credits: 2**

<b>Course Content</b>	
<b>Unit 1</b>	<b>Overview of production process from idea to screen</b> Development – pre production – production – post production – distribution Roles of various personnel: Director & his team, Production designer & his team, DOP & his team, Executive producer, production manager, line producer & others
<b>Unit 2</b>	<b>Pre-production</b> Filmic space, time, structure; Character & plot development; action & dialogue; Technique of writing screenplay; shooting script & story board
<b>Unit 3</b>	<b>Advanced camera and lighting exercises</b> The lens as a narrative element Camera movements and accessories required for these movements: Rigs, gimble, steady cam, 360o camera, drone; specialized cameras like Go Pro, Osmo, Drone Dramatic lighting
<b>Unit 4</b>	<b>Location sound recording and audio post production</b> Recording dialogues during shooting Recording sound effects and ambience Dubbing Foley effects Track laying and mixing Mixing for stereo Mixing for 5.1 surround sound (Demo only)
<b>Unit 5</b>	<b>Advanced editing exercises (Adobe premiere Pro / FCP)</b> Exercises in continuity editing, Filmic space and time through editing, editing an action sequence, graphic and rhythmic editing, editing a trailer of a film
<b>Unit 6</b>	<b>10 shot exercise for fiction</b> Telling a story in exactly 10 shots: Not more than 3 characters, not more than 2 locations <p style="text-align: center;"><i>or</i></p> <b>Production of a documentary film of maximum 10 minutes duration</b> Max 3 days of shooting and 3 days of editing to rough cut, Writing narration, recording narration and music; 2 days of edit to finished film

**SUGGESTED READINGS:**

- Directing the Documentary by Michael Rabiger,
- A Manual of Film Script Writing by Swain & Swain;
- Alternate Scriptwriting By Ken Dancyger and Jeff Rush Pub: Focal Press
- Screenwriting for the 21<sup>st</sup> Century By Pat Silver Lasky Pub: Batsford
- The Art of Screenwriting By Syd Field Pub: Penguin
- Writing the Short Film by Pat Cooper, Kan Dancyger, Pub Focal Press
- Making Movies by Sidney Lumet, Pub: Vintage Books

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- Film Art: An Introduction – D. Bordwell & K. Thompson
- Movies & Methods (2 vols.), Pub: Seagull Books
- The Technique of Film Editing – L. Reisz & G. Millar
- Oxford History of World Cinema
- A History of Narrative Film – David Cook
- How to read a film – James Monaco
- The Oxford Guide to Film Studies
- Film Theory & Criticism – Ed. Leo Braudy & Cohen
- Non-Fiction Film: A Critical History – R. M. Barsam
- Documentary: A History of Non-Fiction film – E. Barnouw

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**Paper: Photography - Lab**  
**Code: BMS (N) 692**  
**Contacts Hours / Week: 2P**  
**Credits: 2**

<b>Course Content</b>	
<b>Unit 1</b>	Using a DSLR <b>Evaluation through practical exercises</b>
<b>Unit 2</b>	Lighting practical <b>Evaluation through practical exercises</b>
<b>Unit 3</b>	<b>Critical evaluation of famous photographs</b>
<b>Unit 4</b>	<b>A photo essay on any relevant topic</b>

**SUGGESTED READINGS:**

- Langford's Basic Photography: The Guide for Serious Photographers by Michael Langford
- The Mind's Eye: Writings on Photography and Photographers by Henri Cartier-Bresson
- <https://digital-photography-school.com/digital-photography-tips-for-beginners/>