

# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB

Syllabus for B.Sc. in 3D Animation Film Making (BAFM) Programme

(Effective for Students Admitted in Academic Session 2019-2020)

## Semester I Detailed Syllabus Theory

**Paper: ENGLISH – I**

**Code: BAFM-101**

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

**Credits: 3**

**Marks: 100**

Module	List Of Topics and Exercises
1	<b>LISTENING</b> In this unit student will learn to distinguish the different stages of listening, to listen effectively. Phonology, stress-making, Homophones  Listening – Listening for words
2	<b>GRAMMAR BASICS</b> In this unit, learning of the importance of grammar, the parts of speech (noun, pronoun, adjective, article, verb, adverb, preposition, conjunction), tenses and aspect.
3	<b>FUNCTIONAL GRAMMAR</b> In this unit, learning of syntax formation, the elements of sentence and its structure and types, phrases & clauses, subject-verb agreement, direct vs. indirect speech, active vs. passive voice.
4	<b>READING</b> Reading helps us to discover new things. Books, magazines and even the internet are great learning tools which require the ability to read and understand what is read.

Suggested Readings: A communicative approach in English by A. Rama Krishna Rao

**Paper: HISTORY OF ART**

**Code: BAFM -102**

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

**Credits: 3**

**Marks: 100**

Module	List Of Topics and Exercises
1	<b>Art History-</b> Survey of the western heritage of Art and Architecture. The course introduces to the language of the Arts, Artistic Techniques, the materials,
2	<b>Primitive Art:</b> Introduction to Primitive Art, features and influence of Primitivism. Primitive style Paintings and Sculptures are to be discussed
3	<b>Ancient Greece:</b> A brief introduction on Ancient Greek along with Architecture, Sculptures and Paintings
4	<b>Ancient Rome:</b> Numerous key concepts of Ancient Rome with reference to Art and Architecture.

Suggested Readings: The History of Indian Art Paperback by Sandhya Ketkar

# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB

Syllabus for B.Sc. in 3D Animation Film Making (BAFM) Programme

(Effective for Students Admitted in Academic Session 2019-2020)

## Practical

**Paper: INTRODUCTION TO DRAWING**

**Code: BAFM-191**

**Contacts Hours / Week: 2T+6P**

**Credits: 4**

**Marks: 100**

Module	List Of Topics and Exercises
1	The course is designed to give students can understand the form by learning <ul style="list-style-type: none"><li>• Drawing Basic Shapes</li><li>• Basic Shapes, Basic Composition &amp; Light</li></ul>
2	<ul style="list-style-type: none"><li>• INTRODUCTION TO BASIC PRESPECTIVE</li><li>• Simple perspective explanation</li><li>• One and two point perspectives</li></ul>
3	<ul style="list-style-type: none"><li>• Basic Figure Drawing</li><li>• The Stick Figure, The Three Basic Solids</li><li>• The Main Line of Action</li></ul>
4	Study of Head Shapes like oval, hexagonal, squares, & round <ul style="list-style-type: none"><li>• Masses of Figure Drawing</li><li>• Head, Arms and Legs, Torso</li><li>• Masses of the Figure</li></ul>

Suggested Readings: Basic Drawing Techniques – Greg Albert | Fun with Pencil – Andrew Looms

**Paper: FIGURE DRAWING**

**Code: BAFM -192**

**Contacts Hours / Week: 2T+6P**

**Credits: 4**

**Marks: 100**

Module	List Of Topics and Exercises
1	Representation and dynamic drawing of human figure based on observation of organic relationship, gesture action, motion and rhythm.
2	<ul style="list-style-type: none"><li>• Figure Drawing with Dress</li><li>• Poses</li></ul> Weight and Balance
3	<ul style="list-style-type: none"><li>• Composition</li><li>• Light and Shade with various materials</li><li>• Pencil Rendering</li></ul> Color – Still Life
4	<ul style="list-style-type: none"><li>• Force drawing</li><li>• Drawing with mass knowledge of Human and animal Anatomy.</li></ul>

Suggested Readings: Dynamic Figure Drawing by Borne

# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB

Syllabus for B.Sc. in 3D Animation Film Making (BAFM) Programme

(Effective for Students Admitted in Academic Session 2019-2020)

**Paper: VISUAL COMMUNICATION**

**Code: BAFM -193**

**Contacts Hours / Week: 2T+6P**

**Credits: 4**

**Marks: 100**

Module	List Of Topics and Exercises
1	This program is designed to have students apply their ideas to real-world scenarios and explore careers in the arts. Students create portfolio-ready work through the use of traditional materials (charcoal, water color, pastel, etc.) in combination with technology (computers, digital cameras and scanner, electronic drawing tablets) using industry-recognized software.
2	<ul style="list-style-type: none"><li>• Types Books illustration</li><li>• Fashion illustrations</li><li>• Advertisement &amp; Logo illustration</li><li>• Web illustration</li></ul>
3	<ul style="list-style-type: none"><li>• Creative Step by step process of illustration</li><li>• Planning and Visualization</li><li>• Greeting card</li><li>• Editorial illustration</li><li>• Memory/ Imagination</li></ul>
4	<ul style="list-style-type: none"><li>• Products</li><li>• Industrial Design</li><li>• Creative Vehicle Illustration</li><li>• Medical /Scientific Illustration</li></ul>

Suggested Software: Adobe Illustrator

Suggested Readings: Adobe Illustrator CC: Classroom in a Book

# MAULANA ABUL KALAM AZAD UNIVERSITY OF TECHNOLOGY, WB

Syllabus for B.Sc. in 3D Animation Film Making (BAFM) Programme

(Effective for Students Admitted in Academic Session 2019-2020)

## Sessional

**Paper: INTERNET & WEBTECHNOLOGY**

**Code: BAFM -181**

**Contacts Hours / Week: 4P**

**Credits: 2**

**Marks: 100**

Module	List Of Topics and Exercises
<b>1</b>	<p>New Media in Mass Communication</p> <ul style="list-style-type: none"><li>• Web as a new media of Mass Communication; Strengths and weaknesses of web media; Media convergence.</li><li>• Information overloading, digital divide, addiction, virus and vaccines. Credibility issue and research on Internet.</li><li>• Laws and Ethics of Cyber Communication.</li></ul> <p>About Web sites</p> <ul style="list-style-type: none"><li>• Target visitors and domain name.</li><li>• Choosing a web server/hosting service</li><li>• Creating a layout and Navigation architecture plan.</li><li>• Designing graphics for the web; web image types; web image optimization.</li></ul> <p>Ms office</p> <ul style="list-style-type: none"><li>• MS Office: Interface,</li><li>• Tool boxes, Panels, Menu options, Text formatting, Navigation Structure: Navigation bar, Site Maps</li><li>• Hyperlink: Hyperlink to internal and external files; font effects;</li><li>• Hotspots: Graphic and Text hotspot, editing hotspots; Adding interactivity; Forms; Frames; Tables; Cascading Style Sheet (CSS); Banner Ads; Embedding Multimedia Objects.</li></ul>