

**DEPARTMENT OF
ANIMATION & GRAPHIC DESIGN**

OFFERS

**CERTIFICATE COURSE ON
FUNDAMENTALS OF 3D ANIMATION**

MES COLLEGE, MARAMPALLY

CERTIFICATE COURSE ON FUNDAMENTALS OF 3D ANIMATION

SYLLABUS

COURSE CODE : AGDC103

COURSE DURATION : 30 HOURS

COURSE DESCRIPTION : An animator creates life from inorganic world and introduces a world of fantasy. This course will provide an introduction to the 3D software to familiarize the 3D world and its endless opportunities.

COURSE OUTCOME : Understand the foundations of 3D Animation through practical assignments. Equip to create basic 3D space based on the practical assignments and projects.

Module I : **8 Hours**

Introduction to CG

Introduction to 3D space

Exploring 3D Software

Module II : **6 Hours**

Creating & Editing Primitive Shapes

Transforming Objects, Aligning & Snapping

Grouping & Linking Objects

Module III : **8 Hours**

Basic Modelling With Polygon, Splines & NURBS and SubD Modelling Methods

Module IV : **8 Hours**

Basic texturing and lighting

Concept of Keys and Key Frame Animation.

Referred Books

1. The Animator's Survival Kit: Richard Williams
2. Timing for Animation: Harold Whitaker and John Halas
3. The Art of 3D Computer Animation and Effects: Isaac Kerlow

Resource Persons

1. Rajesh M R
2. Abhilash G.