

MCA in Multimedia (Web/Animation)

About the program

M.C.A. in Multimedia Animation and Web is three-year (six semesters) professional Master's Degree. The programme is designed to meet the growing demand for qualified professionals in the field of Animation and web. It is a postgraduate course that can be taken up after obtaining a Bachelor's Degree. The MCA in Animation programme is inclined more toward 2D, 3D Animation application & Visual Effects and thus has more emphasis on latest software and tools to develop industry required applications. The MCA in web programme is inclined more toward Web Design, web Programming, Advance technologies, and Web Applications thus has more emphasis on latest software and tools to develop industry required applications.

The MCA program focuses on providing a sound theoretical background as well as good practical exposure to students in the relevant areas. It is intended to provide a modern, industry-oriented education in applied Animation. It aims at producing trained professionals who can successfully meet the demands of the animation industry.

OBJECTIVES

The MCA in Animation, programme prepares students to take up positions as 3D modeler, Flash animator, Pre production artist, Texturing Artist, Animator, Rigger, Vfx artist, 2D Animator in any field related to animation industry. The program, therefore, aims at imparting comprehensive knowledge with equal emphasis on theory and practice. The MCA students are encouraged to spend a full semester working in the industry in the institute giving them insight into the workings of the animation world. However, the course curriculum will have enough flexibility to enable a student to undertake advance studies in animation later on

The MCA in Web, programme prepares students to take up positions as Web Designers, web developers, web programmers, web scripters, web optimization, parsing, content management experts, software and trouble shooters, .net framework developers, database managements experts, web gaming developers, mobile gaming artists, Java technocrats, web 2.0 developers etc . in any field related to web technology and web programming. The program, therefore, aims at imparting comprehensive knowledge with equal emphasis on theory and practice. The MCA students are

encouraged to spend a full semester working in the industry in the institute giving them insight into the workings of the web world. However, the course curriculum will have enough flexibility to enable a student to undertake advance studies in computer science in web later on.

Program Information

Name of the Program: MCA in Multimedia.

Specialization: Web and Animation

Duration: 3 years or 6 Semester

Total Credit points: 96

Eligibility

Candidate seeking admission to MCA in multimedia (Web/Animation) should have any of the following qualification:

- Any candidate who has bachelor degree from recognized board or equivalent

Direct Admission to Second Year

- Any candidate, who has successfully passed the one year PG Diploma in Computer/ Graphics/Web/Animation from any recognized Institution / University, is eligible for direct admission to second year for MCA in multimedia program. (The credit will be checked and credit transfer will be applied)

Direct Admission to Third Year

- Any candidate, who has successfully passed the 2 years Advance PG Diploma in Computer / Graphics/Web/Animation from any recognized Institution / University, is eligible for direct admission to Third year for MCA in multimedia program. (The credit will be checked and credit transfer will be applied)

Who Should Apply?

- Any candidate who is fulfilling eligibility criteria
- Any Graduates or Diploma holders (from other streams) can apply for career growth and challenging and creative positions in Web and Animation.
- Any eligible candidates, who want to do their career in Digital Media and IT, can apply for this program
- Any eligible candidates, who want to start Web development/Animation production/Graphics and Design related development or services to become successful entrepreneur.

Fees: 15,000/- per year (Total course fees=45,000/-)

Program Structure

YEAR I:

Foundation

Sr. No.	Name of the Courses	Type	Credits
MCA101	Pre Production (Drawing & Sketching)	TH	2
MCA102	Computer Graphics & Digital Illustrations (Illustrator) & Printing & Resolution	TH	4
MCA103	CG Digital Painting (Photoshop)	TH	4
MCA104	Introduction to Internet and WWW & HTML & CSS	TH	2
MCA105	Web Development Application (Dreamweaver)	TH	4
MCA106	Animation production process & 2D Animation (Flash)	TH	4
MCA107	Digital Audio and Sound Forge	TH	4
MCA108	Virtual World Of Imagination(3D Max)	TH	4
MCA109	Movie Magic (Premiere)	TH	4
Total Credits			32

Elective Animation

YEAR II:

Animation Specialization

Sr. No.	Name of the Courses	Type	Credits
MCA201	Aesthetic Arts (Fine Arts)	TH	4
MCA202	Creative Thinking (Story Writing, Story Boarding, Story Telling) & Communication	TH	2
MCA203	Adv 2d Animation (Toon Boom)	TH	4

MCA204	Stop Motion Animation (Claymation)	TH	2
MCA205	Animation Production Process & Modeling For Games (3d Max)	TH	4
MCA206	3d Character Animation (Character Studio)	TH	4
MCA207	World Of Illusions (Maya-I)	TH	4
MCA208	Life To Illusions (Maya-II)	TH	4
Total Credits			28

YEAR III:

Animation Super Specialization

Sr. No.	Name of the Courses	Type	Credits
MCA301	Industry Training & Project	TH+ Practical	32
Total Credits			32

After Successful completion of all the credits in Third Year, student can be awarded with MCA in Animation.

Elective for Web

YEAR II:

Web Specialization

Sr. No.	Name of the Courses	Type	Credits
MCA201	Web Application Framework (ASP.net)	TH	4
MCA202	Personalized Web Development (PHP)	TH	4
MCA203	Universal format for Structured Documents (XML)	TH	4
MCA204	First Step to OOPs (C++)	TH	4
MCA205	Software engineering, .net Framework	TH	4

MCA206	RDBMS (SQL Server)	TH	4
MCA207	Cutting Edge over .NET development (C#)	TH	4
MCA208	Web Application Framework with C# (ASP.net With C#)	TH	4
Total Credits			28

YEAR III:

Web Super Specialization

Sr. No.	Name of the Courses	Type	Credits
MCA308	Industry Training & Project	TH+ Practical	32
Total Credits			32

After Successful completion of all the credits in Third Year, student can be awarded with MCA in Web

MOBILITY (EXIT POINT)

- After Successful completion of all the credits in First Year, student can be awarded with Post Graduate Diploma in Multimedia Application
- After Successful completion of all the credits in Second Year, student can be awarded with Advance Post Graduate in Multimedia Application
- After Successful completion of all the credits in Third Year, student can be awarded with Master in Computer Application as per the specialization selected.