



**WELCOME TO
ROOTS
OF
POSSIBILITIES**



Stay
Ahead!
Make the
Right
Move.

About us

Roots is a whole new world of exploration, questioning, find answers and innovating.

Being part of the Roots learning implies the three

Es –

Educative

Encouraging

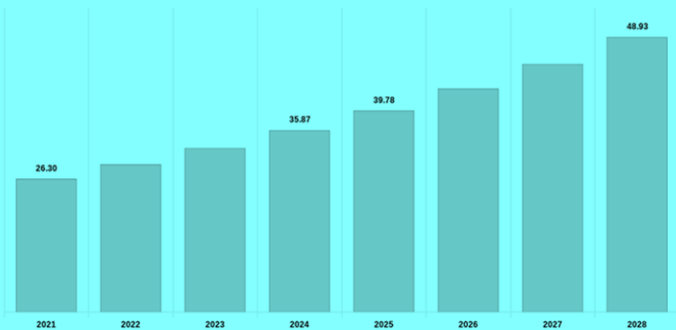
& Enriching.



Growth Analysis In Animation And VFX Industry.

- The global Visual Effects (VFX) market size was valued at USD 9884.95 million in 2022 and is expected to expand at a CAGR of 8.05% during the forecast period, reaching USD 15731.43 million by 2028.
- According to one study, this sector can provide 75,000 to 125,000 direct and indirect jobs by 2025 and can be beneficial to the Indian economy. The combination of animation and the VFX business allows enthusiasts and aspiring animators to flex their ideas and extend their wings in order to create a profitable product.

VFX Market Size, 2021 To 2028 (USD Billion)



Source: ESOMAR, Vantage Market Research

Course Overview

BA (Hon) Animation and VFX Course is a 3 years Degree Program for those who are interested in animation work, visual effects, and other graphical designs. This course is affiliated to JNAFAU

2d Art & Animation

- Animation History
- Concept Art
- Digital Painting
- Character design
- Keyframe Animation
- Graphics design

Compositing

- Keying
- Rotoscopy
- 2D & 3D Compositing
- Motion Graphics
- Video editing
- Color Correction
- Simulation
/ Animated FX

CGI (3D art)

- 3D Modeling
- Texturing
- Rigging
- Dynamics FX
(Physics stimulaion)
- Lighting and Rendering
- 3D animation

COURSES OFFERED

- VFX and Animation B.A (Honours) 3 Year Degree Program

OTHER COURSES:

- 1 year diploma in VFX and Animation
- Awarding Body- To be JNAFAU

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Course Structure : B.A(Honours) 3 year Degree Program

1st Semester	Drawing , Color Design, Creative writing
2nd Semester	History of Animation, Pre-production.
3rd Semester	Key Frame Animation, Basic Compositing, Basic 3D modeling & Texturing, 2D portfolio
4th Semester	Advanced 3D modeling & Texturing, Shading & lighting, Basic 3D animation, Clay Modeling.
5th Semester	Rigging, 3D character animation, Photography & Digital Image Editing, Roto and Paint
6th Semester	Camera Tracking and Match-move, Production Management Pipeline, Environment & Character FX, Advanced Compositing, Final Portfolio, Internship.

SOFTWARE'S

- Photoshop
- Illustrator
- Animate
- After Effects
- Maya
- Nuke
- Z brush



TYPES OF VFX EFFECTS

There are many aspects to the VFX process but they can all be organized into three main types:
CGI, Compositing, and Motion Capture.



USP

- Lessons and assignments which give a detailed overview and experience of the actual VFX industry projects.
 - Vast area of expertise to choose from under the umbrella of the VFX and Animation stream.
 - Internships in well established and reputed Visual arts companies.
- Placements at the top VFX studios, companies and Production houses



WHY ROOTS

- The most experienced faculty that is available in Hyderabad
- Extra inputs built into the university syllabus
- Industrial experience not just in and around Hyderabad but also all over the country
- Site visits all around the country & abroad
- Expert interaction with Designers from all over India
- Regular workshops with Architects, Interior Designers, Product Designers, Lighting Designers, HVAC consultants, and other allied professionals

CAREER OPPORTUNITIES

- ❖ Graphic Designer
- ❖ Concept Artist
- ❖ Layout Artist
- ❖ Background Artist
- ❖ Storyboard artist
- ❖ Key Animator
- ❖ Director of Animation
- ❖ 2D Composer
- ❖ 3D Composer
- ❖ VFX artist
- ❖ VFX Supervisor
- ❖ Director of VFX
- ❖ CGI Generalist
- ❖ 3D Modeler
- ❖ Texturing Artist
- ❖ Rigging Artist
- ❖ Lighting & Rendering Artist
- ❖ 3D animator
- ❖ FX Artist

