

Professional Visual Effects Certification Course
Syllabus for Entrance Examination
Savitribai Phule Pune University | Department of Technology

Part – A

General Aptitude

- Test of Reasoning
- Verbal Analogies
- Numerical Ability
- English Grammar
- Verbal Deductions
- Word Groups
- Structural Orientation

Part – B

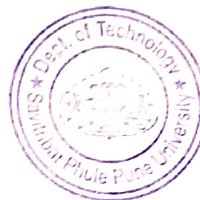
Graphic Design:

- Graphic Design
- Vector graphics
- Visual Elements
- RGB / CMYK
- Typography
- Principles of Color Theory
- Mood Board
- file formats
- Resolution
- Layers
- Design Principle

Video Editing:

- Purpose of video editing
- Purpose of color grading
- Trimming

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- Purpose of adding audio
- Keyframes
- Purpose of exporting
- Transitions
- Effects
- Lower third
- Jump cut
- Green screen
- Stabilization
- Audio waveform
- Foley sound
- Ambient sound
- Sound mixing
- Color grading in video
- Color grading in video

Motion Graphic Design:

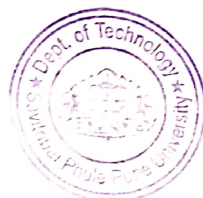
- Frame rate in stop motion
- Clay material
- Lip-syncing
- Onion skinning
- Wire rigging
- Motion control system

Visual Effects:

- Green screen
- Rotoscoping
- Matchmoving
- Particle simulation
- Compositing
- Camera tracking

Color Theory

- Color Wheel



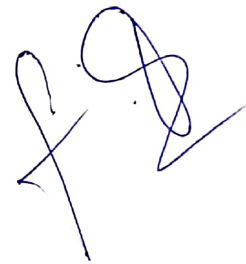
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- Primary Colors
- Secondary Colors
- Tertiary Colors
- Warm and Cold
- Colors Value
- Tints and Shades
- Color Harmony
- Color Temperature



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