

## Teaching and Training

Students will gain knowledge and skills related to various tasks for the job role of Roto Artist through classroom teaching, practical training in Lab, exposure to activities during field visits and on-the-job training.

## Job Opportunities

Roto Artist, VFX Artist,  
VFX Compositing Artist,  
Animator, Gaming Artist

## Related Websites

### About Sector:

<https://www.mescindia.org>

### About Higher Education

<https://www.ugc.gov.in>

### About Curriculum and Courseware

<https://www.psscive.ac.in>

### About Apprenticeship Training

<https://www.apprenticeshipindia.gov.in>

### About Career Opportunities

<https://www.ncs.gov.in>



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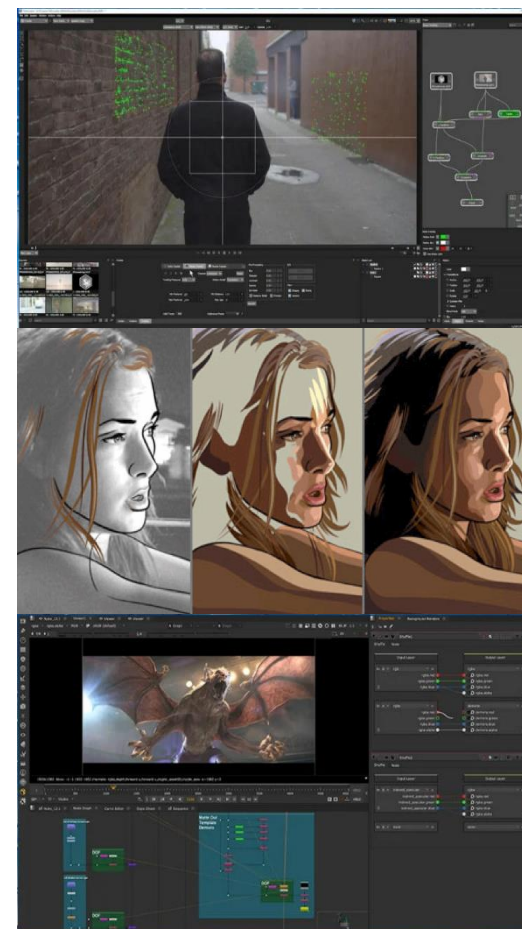
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**[www.psscive.ac.in](http://www.psscive.ac.in)**

## Roto Artist

**(Grades 11 & 12)**

**QP Code: MES/Q3504**





## Introduction

**Vocational subjects** are being offered along with general education subjects from Grades 9 to 12 under the scheme of *Samagra Shiksha*. The Ministry of Education, Government of India is implementing *Samagra Shiksha* in schools.

The curricula and textbooks for the vocational subjects have been developed by the PSS Central Institute of Vocational Education (PSSCIVE) as per the National Occupation Standards for the Job Roles approved under the National Skills Qualifications Framework (NSQF) in various sectors.

## About the Sector

**Media and Entertainment Sector** is consumed by audiences across demographics and various avenues such as television, films, radio, animation, and visual effect (VFX), music, gaming, digital advertising, live events, filmed entertainment, and print. In India's it is expected to reach \$30.9 Billion by 2024. It provides the various job roles for school education, such as Storyboard Artist, Roto Artist, Texturing Artist, Character Designer, Animator and Video Editor.

## About the Job Role

Roto Artist possesses extensive understanding of 2D and 3D tracking and is able to create accurate, steady tracks. He/She should be able to handle complex shots with heavy motion blur, defocus, hair, fur, lots of layers. Rot scoping require to draw and cut out objects from movie frames, hence ability to draw, accurate tracing skills with high attention to detail is essential. They must have a good working knowledge of rotoscoping software including Nuke, After Effects, Silhouette.

## Minimum Qualifications

The candidate should have passed Grade 10, possesses the ability to read/write and communicate effectively.

## Course Outline

### Grade 11

Part A	Employability Skills
Unit 1	Communication Skills III
Unit 2	Self-management Skills III
Unit 3	Information and Communication Technology Skills III
Unit 4	Entrepreneurship Skills III
Unit 5	Green Skills III
Part B	Vocational Skills
Unit 1	Animation and Visual Effects
Unit 2	Creative and Technical Requirement
Unit 3	Rotoscoping Basics
Unit 4	Maintain Healthy, Safe and Secure Working Environment

### Grade 12

Part A	Employability Skills
Unit 1	Communication Skills IV
Unit 2	Self-management Skills IV
Unit 3	Information and Communication Technology Skills IV
Unit 4	Entrepreneurship Skills IV
Unit 5	Green Skills IV
Part B	Vocational Skills
Unit 1	Drawing and Animating Roto shapes
Unit 2	Roto Techniques in SilhouetteFX
Unit 3	Advanced Roto Techniques and Applications
Unit 4	Finalizing Matte