



SATYAM FASHION INSTITUTE

REACCREDITED BY NAAC GRADE 'A' CGPA 3.18

AFFILIATED TO SNDT WOMEN'S UNIVERSITY, MUMBAI



3D Tool-Blender



Our best software course offers a dynamic learning experience, combining expert guidance with interactive lessons

- 3D MODELLING
- TEXTURING
- ANIMATION
- RENDERING

GET STARTED

Course Duration:
01 Aug.2024 to 30 Oct. 2024
Last Date to Apply:
31st July, 2024

www.satyamfashion.ac.in

SATYAM FASHION INSTITUTE

SNDT WOMEN'S UNIVERSITY

SNDT Women's University is the first Women's university in India as well as in South-East Asia. The University was founded by Maharshi Dr.

Dhondo Keshav Karve in 1916 for a noble cause of Women's Education.

The University Headquarters is in Churchgate Campus, Mumbai and the other two campuses of this University are at Juhu, Mumbai and Karve Road, Pune.

SATYAM FASHION INSTITUTE, NOIDA

Satyam Fashion Institute, Noida, Delhi NCR, is one of the top fashion Institutes in India, providing UGC approved courses in affiliation with SNDT Women's University, Mumbai. SFI a fashion institute in Noida

believes in the growth of students by making the process of learning by doing, not only developing their technical, motor skills and knowledge but also making them strong for the competitive environment of today's world's and is committed to the idea of enhancing purposeful education with human values and social responsibilities, finally, making developing students to a complete professional. This fashion Institute in NCR offers an outstanding learning environment for students by providing state of the art Infrastructure, facilities, course curriculum and teaching pedagogy.

SNDTWU -CHETNA

The Centre for Holistic Education, Training and Novel Advancements (SNDTWU-CHETNA) is a center established by SNDTWU to develop and create a pool of need-based, Value-based, skill-based capacity-building add-on courses in collaboration with local, national, and international institutions.

It will provide courses and programs to build character through human and constitutional values and also, develop life skills, employability skills, and 21st-century skills that are required for the betterment of the society, environment and the whole ecosystem.

SCOPE OF SNDTWU -CHETNA

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SATYAM FASHION INSTITUTE

ABOUT THE COURSE

Education is a pivotal instrument to improve one's life. According to NEP 2020, one of the objectives of Curriculum and Pedagogy in Schools is "to minimize rote learning and instead encourage holistic development and 21st-century skills such as critical thinking, creativity, scientific temper, communication, collaboration, multilingualism, problem-solving, ethics, social responsibility, and digital literacy" (NEP, 2020). This course is designed as a specialized program for the design aspirants to give an overview of the digital 3d techniques. This will enable the participants to learn and apply the Realtime digital textures for product designs. It will be industry oriented program with assignments-based projects to implement the techniques learnt during the digital 3d course.



COURSE OUTCOME

1

Students will learn to create detailed 3D models of lifestyle products and fashion accessories using Blender.

2

Ability to create realistic textures and materials to their models, enhancing visual appeal.

3

To be able to produce high-quality renderings and visualizations of their designs for presentations and portfolios.

4

Knowledge of advanced features such as plugins and integrations to enhance workflow.

5

Students will animate their models and simulate cloth behavior for dynamic presentations.

6

Students will be able to integrate Blender with other design tools, enhancing their overall design workflow.



BLENDER MASTERY

COURSE STRUCTURE

MODULE 1

INTRODUCTION TO BLENDER AND BASIC 3D MODELING

- ✓ GETTING STARTED WITH BLENDER
- ✓ BASIC 3D MODELING TECHNIQUES
- ✓ ADVANCED MODELING TECHNIQUES

TEXTURING, MATERIALS, AND SHADING

- ✓ INTRODUCTION TO TEXTURING
- ✓ CREATING MATERIALS
- ✓ ADVANCED TEXTURING AND SHADING

MODULE 2

LIGHTING AND RENDERING

- ✓ LIGHTING TECHNIQUES
- ✓ RENDERING BASICS
[Visit our website](#)
- ✓ ADVANCED RENDERING AND VISUALIZATION

ANIMATION, SIMULATION, AND WORKFLOW INTEGRATION

- ✓ BASICS OF ANIMATION
- ✓ SIMULATION TECHNIQUES
- ✓ INTEGRATING BLENDER IN DESIGN WORKFLOWS

Course Evaluation & Grading Criteria



ASSESSMENT & GRADING

Assessment and grading will be done on the basis of assignment per module which will be given and continuous evaluation will be done accounting for 100 marks in total.

100% practical based Chetna course as per design industry requirement. Submission and assignments will be given for internal assessment and Jury will be done by Industry Expert for external marking of Digital Illustration Portfolio.

EVALUATION CRITERION

ELIGIBILITY CRITERION

Candidate should have the basic knowledge about the fashion Industry.
First Year Students/10+2.

Rs.500 for current SNDTWU students who are already registered in CHETNA and Rs.1000 for other than SNDTWU learners. Fees are non- Refundable.

COURSE FEE

Course at Glance



COURSE TITTLE	3d Tool-Blender
HOST INSTITUTE	SATYAM FASHION INSTITUTE
CREDITS	2
LANGUAGE	HINDI & ENGLISH
MODE OF COURSE DELIVERY	CAMPUS LEVEL-BLENDED MODE
LEVEL	UNDERGRADUATE-(UG)
COURSE INTAKE	30
CERTIFICATION	COURSE COMPLETION CERTIFICATE WITH CREDIT

Key Features

1

The course covers both basic and advanced 3D modeling techniques, enabling students to create detailed and accurate digital representations of lifestyle products, accessories, and fashion items. Students will learn how to sculpt, modify, and refine their models using Blender's powerful modeling tools.

2

Students will gain proficiency in applying realistic textures and materials to their 3D models. The course includes instruction on UV mapping, texture painting, and creating custom materials using Blender's shader editor, enhancing the visual realism of their designs.

3

The course teaches students how to set up lighting, cameras, and render settings to produce high-quality, photorealistic images and animations. This includes using both Blender's Eevee and Cycles rendering engines, as well as post-processing techniques for finalizing renders.

4

Students will learn the basics of animation, including keyframe animation and animating objects and cameras. The course also covers cloth and fabric simulation techniques, which are particularly relevant for fashion design, allowing students to create dynamic presentations of their models.

5

The course ensures students are equipped to integrate Blender into their existing design workflows. This includes exporting and importing models between Blender and other design software, using Blender for prototyping and production, and creating comprehensive product visualizations that can be used for presentations, marketing, and portfolio development.

Important Dates

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PROGRAM HEADS

VICE-CHANCELLOR



DR. UJWALA CHAKRADEO

Hon'ble Vice-Chancellor
SNDT Women's University, Mumbai

CHETNA DIRECTOR



DR. NALINI PATIL
DIRECTOR, SNDTWU CHETNA

Dean (Addl. Charge), Faculty Of
Inter-Disciplinary Studies,
Principal, SNDT College Of
Education

PRINCIPAL /COURSE DIRECTOR



DR. VANDANA JAGLAN

Principal - SFI

VICE PRINCIPAL/COURSE COORDINATOR



DR. NEETU MALHOTRA

Vice Principal & IQAC
Coordinator-SFI

COURSE FACILITATOR



MS. GARIMA ROHATGI

Assistant Professor