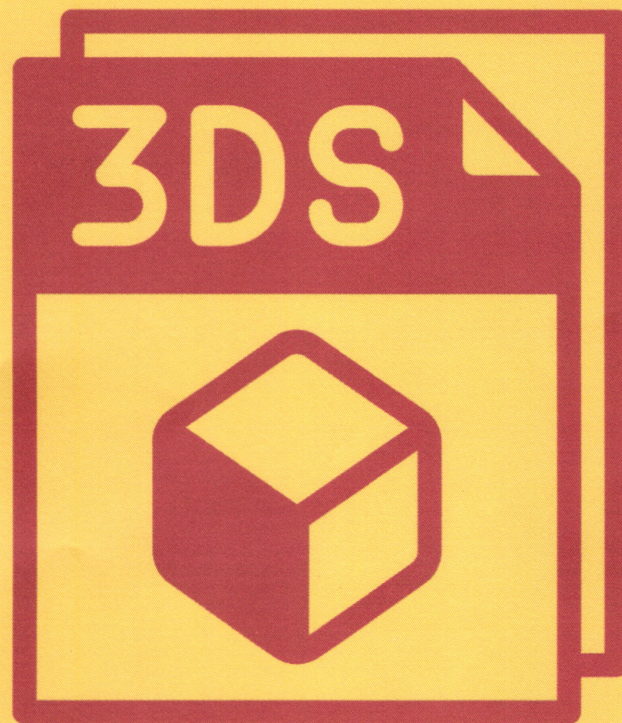




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School of
Film & Media

VALUE ADDED COURSE
ON
INTRODUCTION TO 3DSMAX

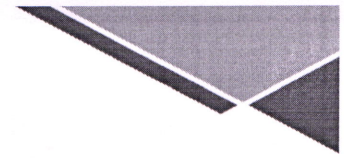


BY: PROF. KAMAL SHRIVASTAV

SCHOOL: FILM AND MEDIA

DATE: 22ND MAY - 22ND JULY

TIME: 10 AM TO 12 NOON



School of Film and Media

Name of Certificate Course Introduction to 3Ds Max

Certificate Course for Film and Media

Course Duration 30Hrs

From: 22/05/2023 to 07/06/2023

Course Objectives:

- Introduce students to creating 3D assets in 3Ds Max
- Introduction of Polygonal-based 3D modeling, Spline-based 3D modeling and Subdivision 3D modeling
- Look development fundamentals using the Physical material and Arnold renderer with Different UV mapping techniques including UV Projection and UV Unwrapping

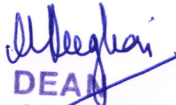
Course Outcomes:

- Students will be able to create 3D Architectural models and Product design in 3Ds Max.
- Students will learn the basics of texturing and lighting in 3Ds Max.
- Learn the basics of 3d Animation in 3DsMax.

Course Coordinator: Kamal Shrivastav

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Certificate Course in Introduction to 3Ds Max


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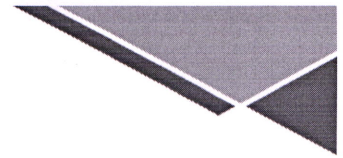


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Ref: ADYPU/SFM/StudentCircular/VAC/2022-2023/001

Circular

Value Added Course @ 2022-2023

Dear all SFM Students,

For the Academic Year 2022 - 2023, The School of Film & Media is happy to offer you innovative value-added courses which shall help you to excel in your careers as well as equip yourself with new-age creative and business skills essential to face in this New World.

Title of Certificate Course: Introduction to 3Ds Max

Details of Trainer: Prof. Kamal Shrivastav

Name of Coordinator: Prof. Kamal Shrivastav

Duration of Course: 30 Hrs

Schedule: 22/05/2023 to: 22/07/2023

Timing: 10 am to 12 pm

Venue: School of Film and Media

Evaluation Method: Submission

On successful completion of the course, you shall receive the E-Certificate of Completion.

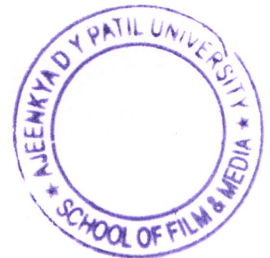
Kamal Shrivastav
DEAN

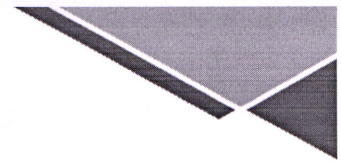
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Syllabus

Session 1: Introduction to the Basic Interface (5 hours)

- Installing 3DsMax
- Introduction to UI of 3DsMax
- Navigating in 3DsMax.
- Basic Object Operations - Create and modify objects - Object selection, Transformation, Pivot point, Transformation settings, Modifier, Object duplication.
- Scene Management- Managing objects, Scene explorer, Layer management, Selection set and group.

Session 2: 3D Modeling in 3DsMax (10 hours)

- Introduction to spline, Line creation and spline vertex types, Spline creation exercise, Adding and deleting
- Spline modification, Spline Boolean, Cross-insert, Weld, and Trim
- Polygon modeling techniques
- Edge modeling techniques, Cut and slice techniques, Surface smooth shading
- Capping holes and Edge extrusion, Bridge
- Clone Options, Arrays, Groups, Display Layers
- Mesh Density, Sub-Object Mode, Extrude, Bevel
- Bridge, Chamfer, Target Weld, Cap, Swift Loop, P Connect
- Cut, QSlice, Insert, Connect, Attach and Detach
- Reference Coordinate System, Snapping, Align

Session 3: Texturing, Shading and Lighting in 3DsMax (5 hours)

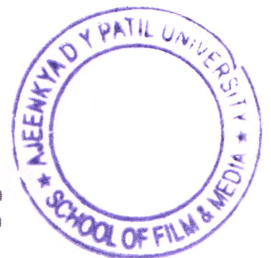
- Introduction to Texturing and Materials, Setting Up Studio Scene
- Cameras, Arnold Lights, Introduction to Materials, Materials Parameters
- Multi-Sub Object Material, Maps, Procedural Maps
- UVW Map, Unwrap UVW, Unwrap UVW Tools
- Render Setup

M. Kulkarni
DEAN

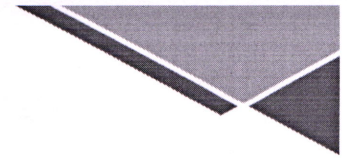
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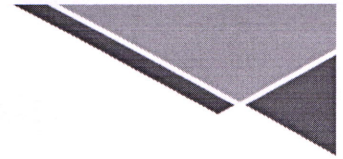
Session 4: Camera, Animation and Cinematics (10 hours)

- Introduction to Animation, Use of timeline, keyframes
- Types of camera angle, Create cinematic car chase shot
- Time Configuration
- Auto Keys
- Set Keys
- Select Keys
- Dope Sheet
- Curve Editor
- Motion Paths
- Finalize and Rendering

Shreyas
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Certificate Course in Introduction to 3Ds Max

Teaching Plan:

Date	Topic to be covered
22/05/2023	Introduction to UI of 3DsMax
23/05/2023	Scene Management- Managing objects, Scene explorer, Layer management
24/05/2023	Edge modeling techniques, Cut and slice techniques, Surface smooth shading
25/05/2023	Cameras, Arnold Lights, Introduction to Materials, Materials Parameters
28/05/2023	Multi-Sub Object Material, Maps, Procedural Maps
29/05/2023	UVW Map, Unwrap UVW, Unwrap UVW Tools
30/05/2023	Bridge, Chamfer, Target Weld, Cap, Swift Loop, P Connect
31/05/2023	Spline modification, Spline Boolean, Cross-insert, Weld, and Trim
01/06/2023	Introduction to spline, Line creation and spline vertex types, Spline creation exercise
02/06/2023	Polygon modeling techniques
03/06/2023	Types of camera angle, cinematic car chase shot
04/06/2023	Time Configuration
05/06/2023	Render Setup
07/06/2023	Time Configuration
09/06/2023	Finalize and Rendering

(Signature)
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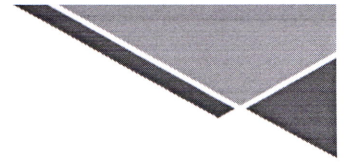
Timetable

Day	Monday	Tuesday	Wednesday	Thursday	Friday
Timing	10am to 12pm	10am to 12pm	10am to 12pm	10am to 12pm	10am to 12pm

Alkeshwari
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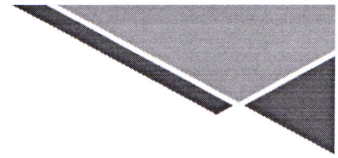
List of Students

Sr. No.	Name of student	URN
1	Devansh Baliga	2022-B-22032004D
2	Krishlay Mishra	2022-B-18032004A
3	Pranav Bagade	2022-B-15052004B
4	Sambhav Prathamshetty	2022-B-07042004G

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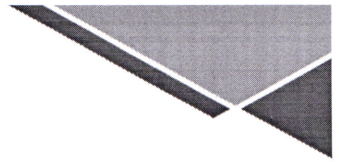
Students Attendance

Sr. No	URN	Name of Student	2	2	2	2	2	2	3	3	0	0	0	0	0	0
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			/	/	/	/	/	/	/	/	/	/	/	/	/	/
			0	0	0	0	0	0	0	0	0	0	0	0	0	0
			5	5	5	5	5	5	5	5	6	6	6	6	6	6
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			3	3	3	3	3	3	3	3	3	3	3	3	3	3
1	2022-B-22 032004D	Devansh Baliga	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2022-B-18 032004A	Krishlay Mishra	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2022-B-15 052004B	Pranav Bagade	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	2022-B-07 042004G	Sambhav Prathamshetty	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Signature of coordinator																

Dr. Meghna
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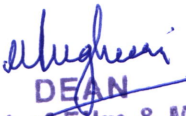


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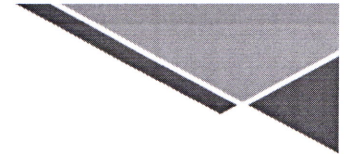
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Evaluation Plan

Evaluation Type	Evaluation Component	Max. Marks	Duration	Assessment Date	Required Passing Marks
Submission	3DsMax Outline	100	60 Mins	22/07/2023	40


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List of Students to Whom Certificates are Distributed

Sr. No.	Name of Student
1	Devansh Baliga
2	Krishlay Mishra

Shrihari
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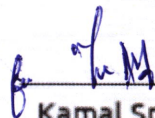


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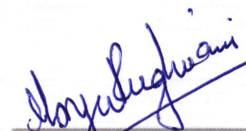
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CERTIFICATE OF APPRECIATION

This is to certify that **Krishlay Mishra** has successfully completed
Value Added Course in **Introduction to 3D Max** held in June 2023


Kamal Srivastav
Resource Person Name




Dr. Manju Rughwani
Dean, SFM, ADYPU





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CERTIFICATE OF APPRECIATION

This is to certify that **Devansh Baliga** has successfully completed
Value Added Course in **Introduction to 3D Max** held in June 2023

Kamal Srivastav
Resource Person Name



Dr. Manju Rughwani
Dean, SFM, ADYPU

