KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI

SKILL LABS

Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture			AI AND ARCHITECTURE

Skill lab (Detailed schedule)

Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	Pencil rendering	5th	Studio 5	00/00/2024	Prasad Kulkarni	7204377243	ppkulkarni@git.edu
2	Architecture	Pencil rendering	5th	Studio 5	00/00/2024	Archana Patil	9108862309	akpatil@git.edu
3	Architecture	**Advanced 3D**	5th	Studio 5	00/00/2024	Rashmi Pai	9481943788	rrpai@git.edu
4	Architecture	**Advanced 3D**	5th	Studio 5	00/00/2024	Prasad Kulkarni	7204377243	ppkulkarni@git.edu
5	Architecture	Introduction to AI Tools	5th	Studio 5	00/00/2024	Archana Patil	9108862309	akpatil@git.edu
6	Architecture	Introduction to AI Tools	5th	Studio 5	00/00/2024	Rashmi Pai	9481943788	rrpai@git.edu

SKILL LAB

ON

AI AND ARCHITECTURE
For 5TH Semester Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Architecture

Overview:
AI and Architecture skill lab will introduce the concepts,
Tools, and techniques of AI-driven generative
Design and architecture. It aims in gaining hands-on
Experience with AI tools and their application in the fields
of architecture, design, and engineering.

Mode of Conduction of each Module:
Theory:6 Hours,
Demo: 6 Hours,
Lab Sessions:24 Hours
Total duration: 36 Hours
Certification exam: 3 Hours

Module 1: Pencil rendering
Tools: Advanced SketchUp, Twin motion
Overview of user interfaces, tools, and
workflow. Creating basic models
Exporting and rendering models for
Visualization

Module 3: Introduction to AI Tools
AI based design tools like Midjourney,
DALL-E#D Guru AI,Krea Ai

Module 2: Advanced 3D
Rendering environments, adding lighting
textures. Animations and walkthroughs
using twin motion.

Terms and Conditions
Students who have paid a skill lab fee to the institution are eligible for training.
The students must maintain 90% attendance for obtaining the skill lab
certificate.

Students must attend training as per scheduled time.

Acceptance
In order to accept and start the
training program, students are
required to register with the
respective department. Details
to be provided by the student to
the department include:

Name, USN, UID, Mobile No,
Email id

Coordinators:
Name Archana Patil,Prasad Kulkarni,Rashmi Pai
Dept. of Architecture
Phone:9108862309
7204377243
9481943788
E-mail: akpatil
@git.edu,ppkulkarni@git.edu,rrpai@git.edu

Outcomes
**The lab will enhance students
AI and Architecture equip students with the
latest tools and techniques required in today's
architectural field**

Career prospects

AI and Architecture is one of the mandatory skill required for an Architect to
work effectively in reputed firms / establish their own practice.

Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture	02/12/2024	07/12/2024	Set Design

Skill lab (Detailed schedule)

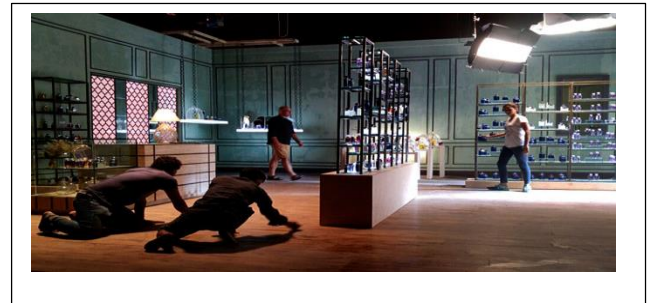| Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	SET DESIGN	5th	Studio 5	02/12/2024	Anoopp Pacchapur	8310299775	pachhapuranoop@gmail.com
2	Architecture	SET DESIGN	5th	Studio 5	03/12/2024	**Mayur Sapre**	7829311878	mssapre @git.edu
3	Architecture	SET DESIGN	5th	Studio 5	04/12/2024	Anoopp Pacchapur	8310299775	pachhapuranoop@gmail.com
4	Architecture	SET DESIGN	5th	Studio 5	05/12/2024	**Mayur Sapre**	7829311878	mssapre @git.edu
5	Architecture	SET DESIGN	5th	Studio 5	06/12/2024	Anoopp Pacchapur	8310299775	pachhapuranoop@gmail.com
6	Architecture	SET DESIGN	5th	Studio 5	07/12/2024	**Mayur Sapre**	7829311878	mssapre @git.edu

SKILL LAB

ON SET DESIGN
For 5th Semester Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Architecture

Overview:

Production Design is an intersection of art, architecture and narratives, using space, attributes of design, shapes, patterns, to form a distinct visual language to elevate on-screen stories.

The Additive skill of designing temperory structures in an artsy environment chosing a narrative, brings in a whole new paradigm of looking design through an architect's or artist's lenses. The wide range of opportunities hereby open-up to aspiring individuals whose calling is towards narrative design, glamour or visual arts. This artfull shift of skill brings various opportunities in the theater, film and television industries.

Mode of Conduction of each Module:

Theory: 6   Hours
Demo: 2   Hours
Lab sessions: 28   Hours
Total duration: 36   Hours
Certification exam: -   Hours

Module 1: Introduction
Career as a Production Designer
About Set Design/ Prodcution Design
Future Aspects of Temperory Structures

Module 3: Execution
Software Exploration as per script
Physical model as per script
Prototyping + Modules as per script
Live location based set execution as per script

Module 2: Theory
Types of Sets
People and Culture
Process of Building
Temperory structures
2D and 3D Softwares

Module 4: Output
VR (Virtual Reality) Software Output
Designed Physcials Model
Post production Output

Terms and Conditions

Students who have paid a skill lab fee to the institution are eligible for training. The students must maintain 90% attendance for obtaining the skill lab certificate.

Students must attend training as per scheduled time.

Acceptance

In order to accept and start the training program, students are required to register with the respective department. Details to be provided by the student to the department include:

Name, USN, UID, Mobile No, Email id

Coordinators:

Name: Anoop Pacchapur
Dept. Of Architecture
Phone: 8310299775
E-mail pachhapuranoop@gmail.com

Name :Mayur Sapre
Dept. of Architecture
Phone: 7829311878
E-mail: mssapre @git.edu

Outcomes

The Additive skill of designing temporary structures in an artsy environment choosing a narrative, brings in a whole new paradigm of looking design through an architect's or artist's lenses.

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
SKILL LABS

Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture	04/11/2024	09/11/2024	Manual Architectural Presentation

Skill lab (Detailed schedule)

Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	Manual Architectural Presentation	3rd	Studio 2	04/11/2024	Soumya Haritay	8050558707	ssharitay @git.edu
2	Architecture	Manual Architectural Presentation	3rd	Studio 2	05/11/2024	Omkar Vernekar	7019401379	opvernekar@git.edu
3	Architecture	Manual Architectural Presentation	3rd	Studio 2	06/11/2024	Trupti Khanolkar	9763307422	tmkhanolkar@git.edu
4	Architecture	Manual Architectural Presentation	3rd	Studio 2	07/11/2024	Omkar Vernekar	7019401379	opvernekar@git.edu
5	Architecture	Manual Architectural Presentation	3rd	Studio 2	08/11/2024	Trupti Khanolkar	9763307422	tmkhanolkar@git.edu
6	Architecture	Manual Architectural Presentation	3rd	Studio 2	09/11/2024	Soumya Haritay	8050558707	ssharitay @git.edu

SKILL LAB

ON

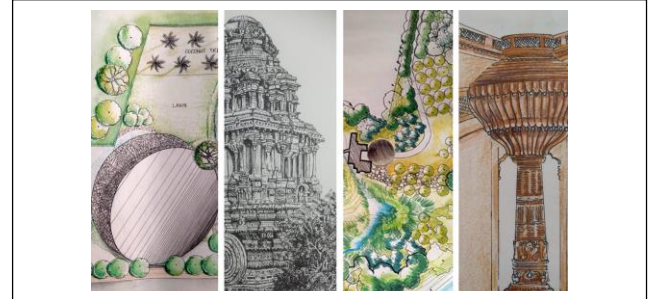## MANUAL ARCHITECTURAL PRESENTATION

For 3rd Semester Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Architecture

Overview:

Manual Architectural Presentation skill lab will introduce the fundamentals of Architectural presentation techniques, giving insight using pencil, pen, watercolors and dry pastels rendering for Architectural project presentations.

Mode of Conduction of each Module:
Theory:6 Hours,
Demo: 6 Hours,
Lab Sessions:24 Hours
Total duration: 36 Hours
Certification exam: 3 Hours

Module 1: Pencil rendering
Introduction to pencil rendering techniques like Hatching, circling, Smooth Shading & Blending. Applying the same to Architectural plans, sections, elevations.

Module 3: Water colors/ Fuji rendering
Introduction to water colors techniques like wet on dry, wet on wet washes. Rendering of Site plan and landscape.

Module 2: Pen rendering
Introduction to pen rendering techniques like Stippling, Hatching, scumbling. Applying the same to Architectural exterior / interior views.

Module 4: Dry Pastel rendering
Introduction to dry pastel techniques like linear and side strokes, feathering, blending, scumbling, pointillism. Representing of conceptual drawings, process drawings.

Terms and Conditions

Students who have paid a skill lab fee to the institution are eligible for training. The students must maintain 90% attendance for obtaining the skill lab certificate.

Students must attend training as per scheduled time.

Acceptance

In order to accept and start the training program, students are required to register with the respective department. Details to be provided by the student to the department include:

Name, USN, UID, Mobile No, Email id

Coordinators:
Name Soumya Haritay **Name** Omkar Vernekar
Dept. of Architecture
Phone: 8050558707
E-mail: ssharitay @git.edu

Name Trupti Khanolkar
Dept. of Architecture
Phone: 9763307422
E-mail: tmkhanolkar@git.edu

Outcomes

The lab will enhance students Manual Presentation skills which will help them for better communication of their Design ideas both in Academics and Professional work.

Career prospects

Manual Architectural Presentation is one of the mandatory skill required for an Architect to work effectively in reputed firms / establish their own practice.

Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture			Photographic Documentation /Measured Drawings of Buildings

Skill lab (Detailed schedule)

Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	Pre-Tour Briefing	3rd	Studio 4	00/00/2024	Soumya Haritay	8050558707	ssharitay@git.edu
2	Architecture	Measured Drawings or Photographic Documentation:	3rd	Studio 4	00/00/2024	Archana Patil	9108862309	akpatil@git.edu
3	Architecture	Post-Tour Analysis	3rd	Studio 4	00/00/2024	Soumya Haritay	8050558707	ssharitay@git.edu
4	Architecture	Post-Tour Analysis	3rd	Studio 4	00/00/2024	Archana Patil	9108862309	akpatil@git.edu
5	Architecture	Portfolio Development	3rd	Studio 4	00/00/2024	Soumya Haritay	8050558707	ssharitay@git.edu
6	Architecture	Portfolio Development	3rd	Studio 4	00/00/2024	Archana Patil	9108862309	akpatil@git.edu

SKILL LAB

ON
Photographic Documentation /Measured Drawings of Buildings

For 5th Semester Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Architecture

Overview:

This study tour aims to expose students to real-world architecture by visiting historically significant and contemporary structures. The focus will be on architectural documentation through photography or measured drawings, equipping students with skills to accurately record, analyze, and present buildings. The course will integrate on-site activities with classroom work, culminating in a portfolio of drawings and photographs

ModeofConductionofeachModule:
Theory: 5 Hours,
Demo: 0 Hours,
Lab Sessions: 25 Hours
Total duration: 30 Hour
Certification exam: Portfolio Submission

Module 1: Pre-Tour Briefing
Pre-Tour Briefing & Study of selected Buildings. Introduction to the importance of architectural documentation. Study of the buildings to be visited: their historical significance, architectural style, and key features.

Module 3: Post-Tour Analysis
Post-Tour Analysis and Critical Review. Discuss the architectural elements observed in both historical and contemporary buildings. Compare building styles, materials, and techniques. Peer review of the documentation.

Module 2: Measured Drawings or Photographic Documentation:
Measured Drawings or Photographic Documentation.
Organize measured data, create scaled drawings
Conduct in-class reviews

Module 4: Portfolio Development
Portfolio Development and Presentation. Final portfolio submission (measured drawings, photographic documentation, and written analysis). Present findings to the class and faculty.

Terms and Conditions
Studentswhohavepaidaskilllabfeetotheinstitution are eligible for training.
Thestudentsmustmaintain90%attendanceforobtaining the skill lab certificate.
Studentsmustattendtrainingasperscheduledtime.

Acceptance
In order to accept and start thetrainingprogram,studentsare required to register with the respective department. Details to be provided by the student to the department include:

Name, USN, UID, Mobile No, Email id

Coordinators:
Name: Archana Patil
Dept.of Architecture
Phone:9108862309
E-mail:akpatil@git.edu

Name: Soumya Haritay
Dept.of rchitecture
Phone: 8050558707
E-mail:ssharitay@git.edu

Outcomes
Be proficient in recording architectural details through photographs and measured drawings.
Be able to analyze and interpret architectural styles in different contexts.
Understand the historical, cultural, socio-political and functional aspects of the buildings visited.

Career prospects

Photographic Documentation is one of Mandatory skill required for an architect to work effective in reputed firmsand to establish their own Practice.

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
SKILL LABS

Schedule of Skill labs offered at KLSGIT

Sl No	Department	Start date	End date	Title of Skill lab
1	Architecture	02/12/2024	07/12/2024	URBAN LENS

Skill lab (Detailed schedule)

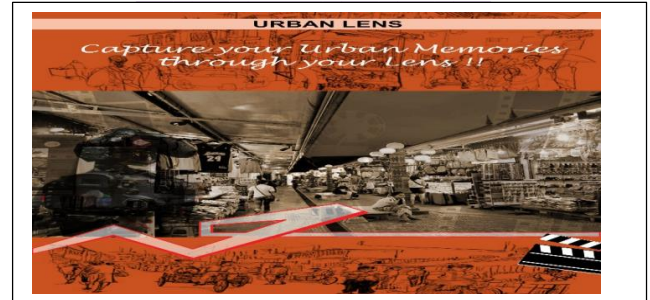| Sl No	Department	Title of Skill lab	Semester & Division	Venue	Dates	Faculty name	Phone No	Email id
1	Architecture	URBAN LENS	7th	Studio 4	02/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu
2	Architecture	URBAN LENS	7th	Studio 4	03/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu
3	Architecture	URBAN LENS	7th	Studio 4	04/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu
4	Architecture	URBAN LENS	7th	Studio 4	05/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu
5	Architecture	URBAN LENS	7th	Studio 4	06/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu
6	Architecture	URBAN LENS	7th	Studio 4	07/12/2024	Pavanika Patil Nikhil Baswadkar	7406916708 8880209573	ptbiradar@git.edu nmbastawadkar@git.edu

SKILL LAB

ON

URBAN LENS
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For 7ᵗʰ Semester Students

KLS GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI
Department of Architecture

Overview:

The "Urban Lens explores the intricate dynamics of urban environments through photography enabling participants to visualize and document the essence of city life. This experience fosters a deeper understanding of urban spaces, cultures, and communities by capturing their unique stories and perspectives.
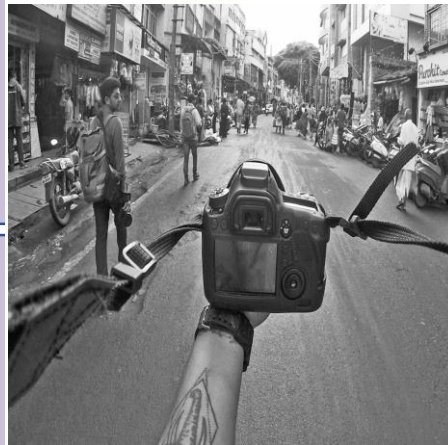

Mode of Conduction of each Module:
Theory:6 Hours,
Demo: 6 Hours,
Lab Sessions:24 Hours
Total duration: 36 Hours
Certification exam: 3 Hours

Module 1:Introduction to Tools of Thought
Overview of various tools of representation
Analysis of these tools and techniques
Presentation and discussion on tools of thought
Components of photography and film making

Module 3: Reading Cities through the Lens
Visualizing cities through photography and Film making,Presentation and briefing of activity
Observations and documentation,Exploration of the area,Documenting aspects of people, culture, and spaces

Module 2: Breaking the shell
Exploring and expressing words through photography
Conversations through photography and filmmaking
Presentations of pictures

Module 4: Dry Pastel rendering Synthesis and Presentation
Presentation of stories
Findings
Conclusion and learnings.
Showcasing narratives

Terms and Conditions
Only students who have paid a skill lab fee to the institution are eligible for the training.The students must maintain 90% attendance for obtaining the skill lab certificate. Students must attend training as per scheduled time

Acceptance

In order to accept and start the training program, students are required to register with the respective department. Details to be provided by the student to the department include:

Name, USN, UID, Mobile No, Email id

Coordinators:
Name Pavanika Patil
Dept. of Architecture
Phone: 7406916708
E-mail: ptbiradar@git.edu

Name Nikhil Baswadkar
Dept. of Architecture
Phone: 8880209573
E-mail: nmbastawadkar@git.edu

Outcomes
The lab will enhance students to develop a nuanced understanding of urban environments. by using photography and filmmaking as tools to represent and analyze the intricate stories of people, culture, and spaces within cities.

Career prospects

Urban Lens is one of the mandatory skill required for an Urban designer and Architect to work effectively in reputed firms / establish their own practice.