

Skill Enhancement Program 2023

Name of Department	Department of Architecture & Planning
Module Name	Decoding Heritage Structures
Module Coordinators	1) Ar Satyam Shukla 2) Ar Pranshi Jain 3) Ar Harshita Mishra
Module Objective	<p>The module is divided into 3 Part which is designed for the architecture students with following objectives:</p> <p>First Part -Introduction to Heritage Structures and Mapping Techniques</p> <ul style="list-style-type: none"> · Familiarizing oneself with the various types of surveys and assessments required for architecture projects, including site surveys, topographical surveys, and building condition assessments. · This course will cover the essentials of understanding the importance of accurate and detailed documentation in architecture projects, including the impact on construction timelines, budgets, and project success. · Learning how to conduct accurate surveys and assessments, including the use of equipment such as total stations, laser scanners, and drones. <p>Second Part - Developing skills in producing comprehensive architectural drawings, plans, and specifications using industry-standard software such as AutoCAD, Revit, or SketchUp.</p> <ul style="list-style-type: none"> · Developing effective communication skills for presenting architectural documentation and survey results to clients, stakeholders, and project teams. · Practicing collaboration and teamwork skills in order to work effectively with other architects, engineers, contractors, and surveyors on complex projects. <p>Third Part - Site Visits and Fieldwork</p> <ul style="list-style-type: none"> · Acquiring knowledge of emerging trends and technologies in architecture documentation and survey, and developing the ability to adapt to changes in the industry. · Applying critical thinking and problem-solving skills to identify and resolve issues related to documentation and survey in architecture projects.
Module Methodology	<p>As , this Internship is divided into three parts: -</p> <ul style="list-style-type: none"> · Online lectures will be conducted with live demonstrations on software applications on chosen sites. · Hands-on training will be conducted on the specialized software platform along with site visits.

	<ul style="list-style-type: none"> Students will have to submit the assignments of each module.
Module Outcome	<p>On completion of this internship, students are able to:</p> <ul style="list-style-type: none"> Documenting old settlements can provide a wealth of learning opportunities, spanning historical, cultural, social, environmental, and technical domains. By engaging in this work, students can contribute to the preservation of cultural heritage, promote sustainability and resilience, and build stronger relationships with local communities.
Duration	4 Weeks

Day Wise Schedule				
	Date	Day	Module Contents to be covered/Interactive Session/Assignment/Quiz/Exercises/Daily practice sheets (DPP)/Tutorial/Project etc(11:00 AM onward, 2 Hrs/ Day)	Faculty
First Part – Ar Pranshi Jain And Ar Satyam Shukla- Introduction to Heritage Structures and Mapping Techniques				
Week 1	17-05-2023	Wed	- Overview of the course objectives and expectations	Ar Pranshi Jain
	18-05-2023	Thu	- Introduction to the concept of heritage structures and their significance	Ar Pranshi Jain
	19-05-2023	Fri	- Basics of mapping techniques, including site surveys and topographical surveys	Ar Pranshi Jain
	22-05-2023	Mon	- Hands-on activities to practice mapping techniques and measurement tools	Ar Pranshi Jain
Week 2	23-05-2023	Tue	- Introduction to architectural drawing techniques, including floor plans, elevations, and sections	Ar Pranshi Jain
	24-05-2023	Wed	- Overview of software tools used for architectural drawing, such as AutoCAD, Revit, and SketchUp	Ar Satyam Shukla
Second Part – Ar Satyam Shukla and Ar Harshita Mishra-Developing skills in producing comprehensive architectural drawings, plans, and specifications using industry-standard software such as AutoCAD, Revit, or SketchUp.				

Week 2	25-05-2023	Thru	- Hands-on activities to practice creating architectural drawings using software tools	Ar Satyam Shukla
	26-05-2023	Fri	- Site visits to heritage structures in the local area	Ar Satyam Shukla
Week 3	29-05-2023	Mon	- Guided fieldwork to practice mapping techniques and architectural drawing	Ar Harshita Mishra
	30-05-2023	Tue	- Hands-on activities to analyze and document heritage structures using mapping and drawing techniques	Ar Harshita Mishra
	31-05-2023	Wed	- Overview of techniques for analyzing heritage structures, including condition assessment and historical research	Ar Harshita Mishra
	01-06-2023	Thus	- Hands-on activities to document and analyze heritage structures using mapping and drawing techniques - Discussion of ethical considerations when working with heritage structures and communities	Ar Satyam Shukla
Third Part – Ar Harshita Mishra and Ar Satyam Shukla, Ar Pranshi Jain- Site Visits and Fieldwork				
Week 4	05-06-2023	Mon	- Preparation and presentation of individual or group projects documenting heritage structures	Ar Harshita Mishra
	06-06-2023	Tue	- Review and feedback on the projects by instructors and peers	Ar Harshita Mishra, Ar Pranshi Jain, Ar Satyam Shukla
	07-06-2023	Wed	- Discussion of future directions in heritage structure documentation and analysis	Ar Harshita Mishra, Ar Pranshi Jain, Ar Satyam Shukla
	08-06-2023	Thus	- Exhibition of the work produced along with Jury Discussion	Ar Harshita Mishra, Ar Pranshi Jain, Ar Satyam Shukla
Module Coordinators Email Id and Mobile Number		Ar Satyam Shukla (satyamshukla@mitsgwalior.in , 94069 87708) Ar Pranshi Jain (pranshijain8@mitsgwalior.in , 94072 12600) Ar Harshita Mishra (harshitamishra95@mitsgwalior.in , 8120590895)		

Note: Note: This week's chart can be adjusted based on the specific objectives and requirements of the summer/winter school.