



School of Planning and Architecture: Vijayawada
(An institution of National Importance under the Ministry of Education, Govt. of India)
Survey No.4/4, ITI Road, Vijayawada-520008, Andhra Pradesh, India

Department of Architecture

Course: MACO116; Skill Enhancement for Conservation **Class:** Ist Yr M. Arch (AC) I Sem A.Y. 2024-25
Instructors: Deepthi Varghese **Internal Assessment:** 50
Contact Periods/ week: 03 periods.(55 min each) **External Theory Exam:** 50
Time Table: (03 periods) **Total Marks:** 100
Credits: 3

Objective: The objective is to hone fundamental communication and representation skills to effectively communicate ideas and challenges.

Out Line of the Course: Introduction to visual, graphical, verbal and written communication techniques in conservation.

LECTURE PLAN

WEEK	DATE	TOPIC OF CLASS LECTURE & DISCUSSION	TOPIC OF ASSIGNMENTS / REMARKS
1	Week-1	UNIT 1: Introduction to techniques of Communication What is communication in architecture? Role of good communication. Introduction to communication in conservation.	Lecture
2	Week-2	UNIT 1: Introduction to techniques of Communication Introduction to different ways and effective techniques used for graphic, written and verbal communication in different stages and aspects in the field of heritage conservation.	Lecture + Assignment (Cognitive Mapping)
3	Week-3	UNIT 1: Introduction to techniques of Communication Learning the aesthetic, technical and conceptual techniques which are essential for the creative outcome, enabling students with skills and tools to solve complex problems.	Internal Assessment -1 Cognitive Mapping
4	Week-4	UNIT 2: Reading and Making Maps Map making through the ages, evolution of representation of urban form.	Lecture
5	Week-5	UNIT 2: Reading and Making Maps Application of Geo-Spatial Data and GIS tools with integration of cartography and historic maps to generate base maps.	Lecture + Demonstration
6	Week-6	UNIT 2: Reading and Making Maps Image analysis and exploratory data analysis for visual exploration, analysis, synthesis and graphic presentation of geospatial data regarding heritage resources.	Lecture
7	Week-7	UNIT 3: Drawing for Understanding Drawings as efficient and powerful analytical tools.	Lecture
8	Week-8	UNIT 3: Drawing for Understanding Introduction to the various types of interpretative illustration that will enhance the understanding of historic buildings and cost-effective methods of making them.	Mid-Semester Assessment Technical & Representation Drawings of manually Documented Structures
9	Week-9	UNIT 3: Drawing for Understanding Introduction to the various types of interpretative illustration that will enhance the	Lecture

		understanding of historic buildings and cost-effective methods of making them.	
10	Week-10	UNIT-4: Graphical Representation Tools Experimenting with effective representation of ideas through the creative use of software. Communicating documentation including technical skills and competence.	Lecture
11	Week-11	UNIT-4: Graphical Representation Tools Experimenting with effective representation of ideas through the creative use of software. Communicating documentation including technical skills and competence.	Lecture
12	Week-12	UNIT-4: Graphical Representation Tools Experimenting with effective representation of ideas through the creative use of software. Communicating documentation including technical skills and competence.	Lecture
13	Week-13	UNIT-5: Report Writing & Verbal Communication Verbal Communication- through Extempore and debates.	Lecture + Discussion
14	Week-14	UNIT-5: Report Writing & Verbal Communication Written Skills- Report writing in the field of conservation.	Internal Assessment -3
15	Week-15	UNIT-5: Report Writing & Verbal Communication Write persuasive arguments probably stemming out of the Studio exercise, well-structured text and express critical standpoints.	Lecture

S. No.	Stages of Evaluation	Weightage
1	First stage: Assessment	15
2	Mid Semester Examination	20
3	Third stage: Assessment	15
	Total	50

Outcomes: Students finishing this course will be able to effectively communicate ideas and challenges in the field of conservation.

Reference Books:

1. Bruckle, I. (n.d.). The Development of Skill Knowledge in Conservation.
2. Cameron, C. (n.d.). Evolving Heritage Conservation Practice in the 21st Century.
3. Caple, C. (n.d.). Conserving Skills: Judgement, Method, Decision Making.
4. Catherine Croft, S. M. (n.d.). Concrete: Case Studies in Conservation Practice (Conserving Modern Heritage).
5. Forsyth, M. (n.d.). Material and Skills for Historic Building Conservation.
6. Jacobson, S. K. (n.d.). Conservation Skills for Conservation Professionals.

Course Instructors:

sd/-
(Deepthi Varghese)

Head of Department :

sd/-
(Dr. Srinivas Daketi)