|  | **School of Planning and Architecture: Vijayawada** | | |
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| (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:** | **MUD125 - Liveable Cities** | | **Class:** MUD 1st Year II- Semester 2025 |
| **Instructors:** | Ar. Dheeraj Ch | | **Internal Assessment:** 50 |
|  |  | | **External Theory Exam: 50** |
| **Contact Periods/ week:** 03 periods.(55 min each) | | | **Total Marks:** 100 |
| **Time Table:** | Thursday (03 periods) | | **Credits:** 3 |
| **Objective:** To broaden the knowledge about ecological and liveability aspects of a city for devising a sustainable future. | | | |

| **Week** | **Lecture Plan** | **Remarks/Topic of Assignment** |
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| Week 1 | Introduction to the course and syllabus overview. | Lecture |
| Week 2 | Introduction to Eco-Cities | Lecture+ Documentary |
| Week 3 | Carbon Neutrality and Renewable Energy | Lecture + Case studies |
| Week 4 | Public Transportation Systems in Eco-Cities | Lecture + Debate |
| Week 5 | Resource Conservation – Water and Energy | Lecture + Practical Exercise |
| Week 6 | Waste Management and Reuse | Lecture + project |
| Week 7 | Urban Farming and Urban Infill | Lecture + Documentary |
| Week 8 | Walkable Urbanism and Social Factors | Lecture+ Practical Exercise |
| Week 9 | Challenges in Sustainable Cities | Lecture + Discussion |
| Week 10 | Sustainable Communities – Principles and Strategies | Discussions |
| Week 11 | Equity, Race, and Class in Communities | Lecture |
| Week 12 | Urban Eco-Design and Nature Integration | Practical exercise |
| Week 13 | Green Urbanism and Sustainable Development Goals | Lecture + Discussion |
| Week 14 | Participatory Planning and Liveability | Lecture + Roleplay |
| Week 15 | Future of Liveable Cities, Indices & Rankings | Lecture + Discussion |
| Week 16 | Concluding Session | Interactive Session |

| **S. No.** | **Stages of Evaluation** | **Weightage** |
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| 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: Process, compile, link, analyze and interpret digital data for heritage resource management** | | |
| **Cource Instructors:**  **sd/-**  **(Ar. Dheeraj Ch)** | | **Head of Department :**  sd/-  (Dr. Daketi Srinivas) |