

School of Planning and Architecture, Vijayawada
Department of Planning
Lecture Plan

Name of Course: Planning and Management of Green and Open Spaces (BPLN502)

Programme & Sem : Bachelor of Planning, Semester - V

Course Duration : 14th July 2023 – 22th November 2023

Course Coordinator : Ms.D.Aparna Sai; Assistant Professor Department of Planning.

Number of Credits : 3

Subject Category : Theory

Total Periods/Week : 3

Internal Assessment : 50 (minimum pass marks 50%)

End Evaluation : 50 (minimum pass marks 50%) – Written Exam.

Total Marks : 100 (to be converted to CGPA credit pattern as per regulations)

Subject Objective: To understand open spaces as a critical element of value and design in planning. To impart open space planning and design methodologies through case study site planning.

| Week | Lecture Topic | Session Mode | References / Suggested Readings |
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| Week 1 (Starting 17 July) | Elements of Open and Green Spaces Green & open spaces as an outcome of natural processes; Principles and techniques of design with landform, water, and vegetation; | Lecture Presentation | |
| Week 2 (Starting 24 July) | The role of surface materials, outdoor fittings and structures; open space and Landscape elements. | Lecture Presentation | "The Death and Life of Great American Cities" by Jane Jacobs (1961) |
| Week 3 (Starting 31 July) | Man-made landscapes in history; A comparative study of the major traditions of landscape design in the east and West in relation to concepts of space and the use of landscape elements. | Lecture Presentation | "The Social Life of Small Urban Spaces" by William H. Whyte (1980) "Site Planning" by Kevin Lynch and Gary Hack (1984) "Urban Design: A Typology of Procedures and Products" by Jon Lang (1994) |
| Week 4 (Starting 07 Aug) | Urban Open Spaces: Characteristics and components of open space patterns in towns and cities (traditional and contemporary) basic types; streets, squares, plazas, gardens, ghats and maidan. | Lecture Presentation | |

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| Week 5 (Starting 14 Aug) | Internal Assessment -1 | | |
| Week 6 (Starting 21 Aug) | Green & open space related Landscape design interns of land-use, circulation networks and activity; Street furniture as a component of the urban landscape. | Lecture Presentation | "Cities for People" by Jan Gehl (2010) |
| Week 7 (Starting 28 Aug) | Design with nature concept, principles of understanding and evaluating an existing landscape; Land suitability analysis; | Lecture Presentation | |
| Week 8 (Starting 04 Sept) | The landscape concept and urban green space for site planning and recreation; | Lecture Presentation | Green Infrastructure: Linking Landscapes and Communities" by Mark A. Benedict and Edward T. McMahon (2006) |
| Week 9 (Starting 11 Sept) | Mid-Semester Exam | | |
| Week 10 (Starting 18 Sept) | The role of vegetation: environmental benefits, functional requirements, aesthetic considerations. | Lecture Presentation | Green Infrastructure: Linking Landscapes and Communities" by Mark A. Benedict and Edward T. McMahon (2006) |
| Week 11 (Starting 25 Sept) | Typical situations and criteria for design with plants and selection of species, grading in relation to existing contours, plinth levels, road alignment and storm water drainage; Principles of cut and fill. | Lecture Presentation | "Public Space" by Carr, Francis, and Rivlin (1992) "The Architecture of the City" by Aldo Rossi (1984) " |
| Week 12 (Starting 02 Oct) | Sports and Play fields Multipurpose open spaces / maidan, contested spaces; | Lecture Presentation | Planting: A New Perspective" by Piet Oudolf and Noel Kingsbury (2013) "The Garden Book" by Phaidon Editors (2017) |
| Week 13 (Starting 09 Oct) | Internal Assessment -2 & 3 | | |
| Week 14 (Starting 16 Oct) | Hierarchy and standards for sports and play fields, role of public / private institutions | Lecture Presentation | I. Clare, Copper Marcus and Carolyn, Francis (eds.) (1997), People Places: Design Guidelines for Urban Open Spaces, John |

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| Week 15 (Starting 23 Oct) | Managing Open Spaces Open spaces in master plans, role of government and NGOs, community participation, | Lecture Presentation | Willey & Sons. |
| Week 16 (Starting 23 Oct) | Legal measures for managing open spaces — parks and playgrounds; case studies. | Lecture Presentation | |
| Week 17 (Starting 06 Nov) | Parameters of Land Suitability Analysis for Open Spaces | Lecture Presentation | "Urban Design: A Typology of Procedures and Products" by Jon Lang (1994) "Land Suitability Analysis for Urban Planners" Richard Church and Ian Dawson 2010 |
| Week 18 (Starting 13 Nov) | Revision | | |

Note:

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.
3. Reading lists provided are not exhaustive and are subject to addition – students are advised to follow progression of the class to keep abreast of the new reading lists, if any.