

Semester- IV

DISSERTATION PHASE 2			
Course Code	MTCP481	CIE Marks	100
Teaching Hours/Week (L:S:SDA)	18 hrs (6:12:6)	SEE Marks	100
Total Hours of Pedagogy	234	Total Marks	200
Credits	12	Exam Hours	30 mins per student
<p>Course Learning objectives: Students can –</p> <ul style="list-style-type: none"> • Develop and apply advanced theoretical knowledge and methodologies to address real-world planning challenges. • Integrate diverse planning theories, practices, and data into comprehensive strategies for resolving complex urban and regional issues. • Conduction of rigorous research, including data collection, analysis, and synthesis, to formulate evidence-based solutions and policy recommendations. • Learn to effectively communicate research findings and proposals through professional reports and presentations, incorporating visual aids and interactive discussions. 			
INTRODUCTION TO DISSERTATION			
<p>Objective:</p> <ul style="list-style-type: none"> • To develop on the dissertation topic identified, approved, and reviewed in the III Semester. The research may focus on institution mechanism, users, land use and accessibility, use of forecasting and modelling, interaction with Planning and implementation agencies that concern the dissertation topic. • The dissertation shall be the platform for the student to synthesize the knowledge and skills acquired through the learning of various theories and practices during the course and apply it for strategy formulation for a live planning challenge. • The dissertation shall be monitored continuously and periodically through internal marked review to check the consistency of work, the relevance of the analysis concerning the data collected and project scope, and the progress towards logical proposals. <p>Research Process:</p> <ul style="list-style-type: none"> • Students must put their result proposals identified in the III Semester to test using a variety of methodologies, including questionnaire surveys and case studies. Students must provide an original perspective on the issues at hand. • Field study planning; Survey data collection, Analysis, and Result presentation; Conceptual and Empirical framework: compilation and inference drawing; Research study validation through case studies, Field application, and Simulation models; Discussion of research findings; Study conclusion and Recommendation formulations are all part of the dissertation work. • The progress of the dissertation work is presented and debated by the student on a regular basis in the classroom environment, and progress is regularly monitored. This practice will help students improve their comprehension and presentation skills. The allocated Guides/co-Guides will advise students on how to channel their thoughts. • The students are to maintain regular meetings with the Guides (in person/Online) to update on their progress and imbibe the Guide's suggestions into their research. The students have to mandatorily maintain the Guide meeting log in the prescribed format by the department. 			

Presentation:

- The Dissertation Project shall be submitted in the form of detailed report & presentation for jury members in the prescribed format by the department. The Project Report must include maps, visuals, drawings, models, etc. Relevant details/codes, schematic charts, reports and photographs are mandatory while presenting.

Teaching-Learning Process

Blended learning: Power point presentation and webinars.

Collaborative and Cooperative learning: Students should work as a group and present the compilation of work starting with introduction, Creating Master Plan report and Land Use Map.

Assessment Details (both CIE and SEE)

The weightage of Continuous Internal Evaluation (CIE) is 50% and for Semester End Examination (SEE) i.e., Viva voce is 50%. The minimum passing mark for the CIE is 50% of the maximum marks. Minimum passing marks in Viva is 40% of the maximum marks of SEE. A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course if the student secures not less than 50% in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Viva-voce) taken together.

Continuous Internal Evaluation:

CIE marks shall be awarded by a committee composed of the Dissertation Coordinator/Special Officer/HoD and Guide/Co-guide. The CIE marks awarded for the Dissertation shall be based on the evaluation of Periodic reviews of Dissertation Progress including report writing in the prescribed format of the department.

Semester End Examination (Viva voce):

- SEE (Viva-voce) shall be based on Dissertation Presentation skill and performance in Viva in the ratio/percentage of 50:25:25, at the end of IV semester.
- Dissertation work evaluation and Viva-Voce examination, after satisfying the plagiarism check, shall be as per the University norms.
- The viva-voce shall be conducted by a panel of Two external examiners and One Internal Examiner/Guide as appointed by the University

Skill Development Activities Suggested:

- Guest Lecture from expert.
- Case Studies :
- Site Visits to Govt Agencies, Offices for understanding the roles and collecting information pertaining to the studio activities.

Course outcome (Course Skill Set)

At the end of the course the student will be able to:

Sl. No.	Description	Blooms Level
CO1	Perform data collection pertaining to the chosen topic	L5
CO2	Analyse the data collected using statistical models and tools	L4
CO3	Create Visual interpretation models for the study area	L6
CO4	Prepare a comprehensive thesis report outlining the work achieved	L6

Program Outcome of M. Plan (TCP) program:

Sl. No.	Description	POs
1	Acquire outstanding fundamental knowledge in the field of Urban Planning.	PO1
2	Encompass the ability to work in collaboration with interdisciplinary teams and stakeholders.	PO2
3	Demonstrate creativity in the problem-solving process through professional quality graphic presentations, use of GIS software, and Policy decisions.	PO3
4	Acquire outstanding knowledge & software skills for redesigning, monitoring, and improving Cities and Regions' functioning.	PO4
5	Understanding the diverse needs of values and systems of society and providing Smart, Sustainable, and data-centric solutions.	PO5
6	Demonstrate design and policy solutions that integrate contextual, social, economic, cultural, ethical, and environmental concerns.	PO6
7	Ability to undertake independent/option-based research and exploration of advanced and emerging topics.	PO7
8	Appraise professional standards and ethical responsibilities as a team member/stakeholder.	PO8
9	Acquire outstanding knowledge and understanding of the current trends in Urban Planning.	PO9

Mapping of COs and POs:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1	✓	✓					✓		✓
CO2	✓				✓	✓	✓	✓	✓
CO3		✓	✓		✓		✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓	✓

✓ -High Impact