

**Chhattisgarh Swami Vivekanand Technical University, Bilai**  
**Scheme of Teaching and Examination**  
**M.Tech. (Urban Planning)**  
**3<sup>rd</sup> Semester**

S. N.	Board of Study	Sub Code	Subject Name	Periods Per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/2
							Theory /Practical				
				L	T	P	ESE	CT	TA		
1	M.Plan	503321(16)	Technical Writing	3	1	2	-	-	-	-	5
3	M.Plan	503322(16)	Thesis Programming	8	-	19	-	-	-	-	18
4	M.Plan	503323(16)	Training (Summer)	-	1	2	-	-	-	-	2
<b>Total</b>				<b>11</b>	<b>2</b>	<b>23</b>					<b>25</b>

L-Lecture, T- Tutorial, P- Practical, ESE- End Semester Examination, CT- Class Test, TA- Teacher's Assessment

## **Chhattisgarh Swami Vivekanad Technical University, Bhilai**

Semester: M.Plan - III

Branch: Urban Planning

Subject: Technical Writing

Code: 503321(16)

Total Theory Period: 40

Total Tutorial Period 12

Total Marks in End Semester Exam: 100

Minimum of class test to be conducted: 02

### **Objective**

Types and classification of reports: Types of reports. Difference between technical, scientific, legal and other types of communications. Specific characteristics of writing technical reports. Reporting communication: English comprehension and oral communication. Presentation techniques in digital and oral format for group discussion in seminars and meetings. Computer application: Data processing, word processing and presentation software. Spread sheets and databases. MS Office applications (Word, Excel, Access, Power point, etc.). Presentation and photo editing software such as Google sketch-up, Photoshop, Coral draw, etc. Format and elements of reports: Preface, acknowledgements, contents, indexing, key word indexing, introduction, body terminal section, appendices, references. Use of word processing software and templates for report writing. Special type of writing: Articles and manuals, planning and preparation of technical articles for publications, popular articles. Formal letters and specifications: Styles and formats for business and official letters, , requests for specifications and other types of business enquiries, replies to bidding for tenders and conduct of meetings, agendas and minutes of official records and meetings.

# **Chhattisgarh Swami Vivekanad Technical University, Bilai**

Semester: M.Plan - III

Branch: Urban Planning

Subject: **Thesis programming**

Code: 503322(16)

Total Theory Period: 40

Total Tutorial Period 12

Total Marks in End Semester Exam: 100

Minimum of class test to be conducted: 02

## **Objective:**

To introduce students to literature review, research processes, techniques and colloquial arguments, so as to help them finalise a topic for their thesis in the subsequent semester. Two seminars would be conducted in the course of the semester to initiate the process of literature review related to their areas of interest culminating in selection of an appropriate thesis topic.

## **Contents:**

- Identification of topic of interest having relevance to planning profession, integration and application of the learnt research processes to the pre-thesis work
- Book reviews and journal article compilation to establish the body of work existing in the selected area of work
- Collection of data and opinions by the stakeholders, decision makers, urban managers, advocates, technocrats, user groups, etc. on the topic selected.
- Based on the literature review and inputs from the colloquial arguments, the topics shall be finalized for thesis in the subsequent semester.
- Selection of study area, identification of extent and spread of intervention; collection of data for preparation of base map.
- Development of research thrust and work methodology. Identification of data sources.
- Data collection and analysis: sample determination, data tabulation (coding, de-coding, etc.), quantitative and qualitative data analysis. Appropriate and relevant data analysis methods would need to be studied by individual students based on thesis topic and research area.
- Finalisation of topic; formulation of problem statement, literature review, working hypothesis, research brief, research methodology, sample determination, data collection and analysis, report structuring.

The student will be required to make two seminar presentations and submit a report at the end of the semester which will qualify as the literature review and research methodology component of his/her thesis in the forthcoming semester.

## **Chhattisgarh Swami Vivekanad Technical University, Bhilai**

Semester: M.Plan - III

Branch: Urban Planning

Subject: **Professional Training (Summer)**

Code: 503323(16)

Total Theory Period: 40

Total Tutorial Period 12

Total Marks in End Semester Exam: 100

Minimum of class test to be conducted: 02

### **Objective**

To introduce students to literature review, research processes, techniques and colloquial arguments, so as to help them finalise a topic for their thesis in the subsequent semester. Two seminars would be conducted in the course of the semester to initiate the process of literature review related to their areas of interest culminating in selection of an appropriate thesis topic.

### **Contents**

- Identification of topic of interest having relevance to planning profession, integration and application of the learnt research processes to the pre-thesis work
- Book reviews and journal article compilation to establish the body of work existing in the selected area of work
- Collection of data and opinions by the stakeholders, decision makers, urban managers, advocates, technocrats, user groups, etc. on the topic selected.
- Based on the literature review and inputs from the colloquial arguments, the topics shall be finalised for thesis in the subsequent semester.
- Selection of study area, identification of extent and spread of intervention; collection of data for preparation of base map.
- Development of research thrust and work methodology. Identification of data sources.
- Data collection and analysis: sample determination, data tabulation (coding, de-coding, etc.), quantitative and qualitative data analysis. Appropriate and relevant data analysis methods would need to be studied by individual students based on thesis topic and research area.
- Finalisation of topic; formulation of problem statement, literature review, working hypothesis, research brief, research methodology, sample determination, data collection and analysis, report structuring.

The student will be required to make two seminar presentations and submit a report at the end of the semester which will qualify as the literature review and research methodology component of his/her thesis in the forthcoming semester.

**Chhattisgarh Swami Vivekanand Technical University, Bilai**  
**Scheme of Teaching and Examination**  
**M.Tech. (Urban Planning)**  
**4<sup>th</sup> Semester**

S. N.	Board of Study	Sub Code	Subject	Periods Per Week			Scheme of Examination			Total Marks	Credit L+(T+P)/ 2
							Theory /Practical				
				L	T	P	E S E	CT	TA		
1	M.Plan	503421(16)	Thesis project.	7	-	29	-	-	-	-	22
<b>Total</b>				<b>7</b>	<b>-</b>	<b>29</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>22</b>

L-Lecture, T- Tutorial, P- Practical, ESE- End Semester Examination, CT- Class Test, TA- Teacher's Assessment

# **Chhattisgarh Swami Vivekanad Technical University, Bilai**

Semester: M.Plan – IV

Subject: Thesis project

Total Theory Period: 07

Total Marks in End Semester Exam:

Minimum of class test to be conducted: 02

Branch: Urban Planning

Code: 503421(16)

Total Tutorial Period 12

## **Objective**

To develop independent critical thinking and design/research abilities and apply the knowledge gained, skills developed and professionalism inculcated over the last three semesters in an exercise of own interest and significant complexity.

## **Contents**

- The thesis project is to be undertaken independently by each student on a topic of his/her choice related to urban and regional planning, selected and approved by the faculty during the previous semester as part of course requirements of the subject seminar
- As part of the studio requirements, the student is expected to go through a process of documentation, analyses and synthesis related to his/her specific topic and related area of work.
- Initial stages would include study of relevant case studies and literature relevant to the topic, on the basis of which the space program would be determined.
- Alternative designs arrived at through an iterative process of prioritization and elimination would be developed in the next stage.
- Final stages of work would include detailed design of the best option selected. Detailing would be largely dependent on the thrust and focus of the project selected and would vary from student to student.
- The student is required to work under the guidance of a supervisor allotted by the department and complete the requisite work in the course of the semester, ending in a viva-voce exam by a panel of examiners both external and internal.
- Progressive evaluation would be done by a panel of external and/or internal jurors during reviews held at intervals during the course of the semester.
- The student is required to defend his thesis through drawings, reports, study sheets, models and digital presentations and verbal communications in all the reviews and the final viva-voce.