

**Shri Rawatpura Sarkar University,  
Raipur**



**Examination Scheme & Syllabus**

**For**

**Master of Technology  
(Computer Science Engineering)**

**Semester- IV**

(Effective from the session: 2021-22)



**SHRI RAWATPURA SARKAR UNIVERSITY, RAIPUR,  
CHHATTISGARH  
FACULTY OF ENGINEERING  
Department of Computer Science & Engineering**

**Scheme of Teaching and Examination  
M.Tech. IV Semester**

**Specialization- Computer Science Engineering**

Outcome Based Education (OBE) and Choice Based Credit System (CBCS)

(Effective from the Academic Year 2022-2023)

S.No	Course Code	Course Title	Hours / Week			Credits	Maximum Marks			Sem End Exam Duration (Hrs)
			L	T	P		Continuou s Evaluation	Sem End Exam	Total	
1	EMT0440 1	Dissertation	-	-	32	16	150	350	500	3 Hrs.
<b>Total Contact hr. per week: 16</b>			<b>Total Credit</b>			<b>16</b>	<b>150</b>	<b>350</b>	<b>500</b>	



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<b>Course Title</b>	<b>Preliminary Work on Dissertation</b>				
<b>Course Code</b>	<b>EMT04401</b>				
<b>Semester</b>	<b>M.Tech – CSE 4<sup>th</sup> Sem</b>				
<b>Course Credit</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>TC</b>	
	-	-	<b>32</b>	<b>16</b>	
<b>Prerequisites</b>	-				
<b>Course Objectives</b>	<ol style="list-style-type: none"><li>1. Demonstrate of well-defined selected project problem.</li><li>2. Encourage preparing one International Journal and attends two International Conferences related to their Final project.</li><li>3. Present effectively each part of the dissertation in terms of motivation, literature, methodology, experimentation and final conclusions</li></ol>				
<b>Course Contents</b>	<p><b>A preliminary work must be completed as per the following:-</b></p> <ol style="list-style-type: none"><li>1. Well-defined Engineering Research – based Problem must be selected.</li><li>2. Motivation to select such problem.</li><li>3. Literature Survey: Part 1 (What other researchers have done so far?) .</li><li>4. Literature Survey: Part 2 (What are the Voids found?).</li><li>5. Problem Formulation (As per the voids detected).</li><li>6. Solution Methodology with respect to the :<ol style="list-style-type: none"><li>a. Flowchart and Algorithm.</li><li>b. What methods have been applied?</li><li>c. Why they have been applied?</li><li>d. How they have been applied?</li><li>e. Mathematical formulations to justify the work.</li><li>f. Case based studies (if any).</li><li>g. Results and Discussions (must be thorough).</li></ol></li><li>7. So far Observations and further planning's.</li><li>8. Any help to the Society through the selected research based problem.</li><li>9. The thesis must be completed as per the following format:(Next Page).</li></ol>				
<b>Text Books</b>	-				
<b>Reference Books</b>	-				



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Binding of thesis	Cover	Five Hard Cover Binding and two Soft Cover Binding
	Colour	Light Blue
	Margin Top	4 Cm
	Margin Bottom	4 Cm
	Margin Left	4 Cm
	Margin Right	2 Cm
	Printing on the Top	Title of the thesis in capital letters (24 font size) Times New Roman
	Printing in the middle of cover	Name of the candidate in capital letters (18 font size) Times New Roman
	Printing on Bottom	<b>THESIS</b> Submitted to SRU Raipur for the award of the Degree of Master of Technology in..... (subject) with Specialization ..... Month, Year
	Printing on the Binding edge	The binding edge of the jacket should contain the name of the candidate, year and thesis title.
Inside of thesis	Printing	In 1 ½ space, All text in 11 Size with Ariel font and all equations and symbols in 12 size with Times Roman font.
	Margin Top	3 Cm
	Margin Bottom	3 Cm
	Margin Left	4 Cm
	Margin Right	2 Cm
	Quality of paper	Good quality (Executive of 85 GSM)
	Size of paper	29 cms long, 23 cms wide
	Table of contents	(i) Printing of cover to be repeated on first page
		(ii) Certificate of the supervisor(s)
		(iii) Acknowledgement
		(iv) Synopsis -To convey briefly the content of the thesis to draw attention to all new information and to the main conclusions. It should be factual and should be suitable for copying, quoting or indexing by information services.
		(v) Contents
		(vi) List of Tables
		(vii) List of Figures
		(viii) List of symbols and abbreviations, if any-The text which follows should have suitable titles and sub-titles with pages numbered at the top right hand corner 1 cm from top and 1 cm from right edge. First chapter should be 'Introduction' Second chapter should be "Review of Related Work" Third chapter should be "Problem Formulation and Solution Methodology" Fourth chapter should be "Experimental Results and Discussions" Fifth chapter should be "Applications of the work" and the last chapter should be 'Conclusions and Further Scope of the Work' Appendix (if any) can be kept after Bibliography



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	Bibliography	Either the Harvard system, in which the names and dates given in the body of the text and the references to be alphabetically listed at the end of the thesis or a system in which numbers are inserted in the text e.g. [3], and references to those are given at the end of the thesis in as BIS system.
	<b>List of Publications</b>	<b>At least one UGC listed Journals and one International Conferences (All peer reviewed) must be there. Here the first author must be the Research Scholar and the other authors must be his/hers Supervisor (s).</b>