



**Solapur University, Solapur**

**Revised Structure and Syllabus  
(W.E.F. 2012-13)**

**For  
M.E. (Civil-STRUCTURES)**

**Choice Based Credit System (CBCS) - CGPA**

**For M.E. Civil (Struct) - First Year: With effect from- 2015-16  
For M.E. Civil(Struct) - Second Year: With effect from- 2016-17**



**SOLAPUR UNIVERSITY, SOLAPUR**  
**FACULTY OF ENGINEERING & TECHNOLOGY**  
**Curriculum for M.E. Civil-Structures**  
**Choice Based Credit System (CBCS)-CGPA (WEF 2016-17)**

### Semester III: Laboratory / Tutorial Courses

Course Code	Name of the Course	Engagement Hours			Credits	SA	FA		Total
		L	T	P			ESE	ISE	
13	Lab. Practice	-	-	1*	1	-	-	25	25
14	<b>Dissertation Phase-I</b> Synopsis Submission Seminar	-	-	3*	3	-	75	-	75
15	<b>Dissertation Phase-II</b> Term work	-	-	-	3	-	100	-	100
16	<b>Dissertation Phase-II</b> Progress Seminar presentation	-	-	--	6	200	-	-	200
<b>Total</b>		--		4*	<b>13</b>	<b>200</b>	<b>175</b>	<b>25</b>	<b>400</b>

L	Lecture	FA	Formative Assessment
T	Tutorial	SA	Summative Assessment
P	Lab Session	ESE	End Semester Examination
		ISE	In Semester Evaluation
		ICA	Internal Continuous Evaluation

Note: \* Indicates contact hours per student.

- For all activities related to dissertation Phase I (synopsis submission seminar and progress seminar) student must interact regularly every week with the advisor.
- Synopsis submission seminar shall cover detailed synopsis of the proposed work. Student shall submit Synopsis of the Dissertation Work only after delivering this seminar.
- Progress seminar shall be delivered capturing details of the work done by student for dissertation.
- Student shall deliver all seminars using modern presentation tools. A hard copy of the report shall be submitted to the Department before delivering the seminar. A PDF copy of the report must be submitted to the advisor along with other details if any.
- Lab Practice shall include any of the below activities as recommended by Advisor and student shall submit a report after completion of the activity to Advisor along with other details if any. Software / hardware assignments, learning new software, literature survey, filed work, industrial training etc. related to dissertation work.
- Details of modes of assessment of seminar and dissertation shall be as specified in 7(III) of PG Engineering Ordinance of Solapur University, Solapur.



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### Semester IV: Laboratory / Tutorial Courses

<b>Course Code</b>	<b>Name of the Course</b>	<b>Engagement Hours</b>			<b>Credits</b>	<b>SA</b>	<b>FA</b>		<b>Total</b>
		<b>L</b>	<b>T</b>	<b>P</b>		<b>ESE</b>	<b>ISE</b>	<b>ICA</b>	
17	<b>Dissertation Phase III: Progress Seminar presentation and Report</b>	-	-	5*	4.0	-	100	-	100
18	<b>Dissertation Phase-IV Term work</b>	-	-	-	6.0	-	200	-	200
19	<b>Final submission of the dissertation and Viva voice</b>	-	-	-	6.0	200	-	-	200
	<b>Total</b>	-	-	5*	<b>16.0</b>	<b>200</b>	<b>300</b>	-	<b>500</b>

<b>L</b>	Lecture	<b>FA</b>	Formative Assessment
<b>T</b>	Tutorial	<b>SA</b>	Summative Assessment
<b>P</b>	Lab Session	<b>ESE</b>	End Semester Examination
		<b>ISE</b>	In Semester Evaluation
		<b>ICA</b>	Internal Continuous Evaluation

Note: \* Indicates contact hours per student

- For all activities related to dissertation Phase III, student must interact regularly every week with the advisor.
- Progress seminar shall be delivered capturing details of the work done by student for dissertation.
- Student shall deliver all seminars using modern presentation tools. A hard copy of the report shall be submitted to the Department before delivering the seminar. A PDF copy of the report must be submitted to the faculty advisor along with other details if any.
- Details of modes of assessment of seminar and dissertation shall be as specified in 7(III) of PG Engineering Ordinance of Solapur University, Solapur.



**M.E. (CIVIL-STRUCTURES)**

**Semester – III**

**Choice Based Credit System (CBCS)**

## **14. Dissertation Phase- I**

### **Synopsis Submission Seminar**

**Teaching scheme:**

**Contact Hours:** 3 hour per week per student

**Credits:** 3

**Assessment scheme:**

**ISE:** 75 marks

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The student is expected to carry out intensive literature survey for a period of about two months in the field of interest and to select a topic for his/her dissertation in consultation with the faculty advisor assigned. The student shall then submit a report and deliver a seminar on the problem chosen by him/her to the panel of three departmental PG recognized faculty members. It shall be expected that a student justifies the gravity and also the relevance of the problem through his/her seminar. This shall be for the approval of synopsis.

The assessment of Synopsis Submission Seminar shall be done by aforesaid panel of three departmental PG recognized faculty members.



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**Semester – III**

**15. Dissertation Phase II**

**Term Work**

**Credits: 3**

**Assessment scheme:**

**ISE: 100 marks**

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Student shall submit a report to the faculty advisor, on the basis of work carried out in accordance with instructions given by faculty advisor, throughout the semester. Dissertation Phase II evaluation consists of term-work evaluation (ISE) based on the efforts put in by the student to carry out his/her work & the results obtained thereof.

The faculty advisor shall complete the assessment of the report and accordingly allocate the marks to the student out of maximum 100 marks.



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**Semester – III**

**16. Dissertation Phase II**

**Progress Seminar Presentation**

**Credits: 6**

**Assessment scheme: ESE: 200 marks**

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Progress seminar shall be delivered capturing details of the work done by the student for dissertation. Student shall deliver seminar using modern presentation tools. A hard copy of report shall be submitted to the faculty advisor before delivering the seminar. A PDF copy of the report must be submitted to the faculty advisor along with other details if any.

End Semester Evaluation (ESE) shall consist of presentation of progress seminar on the report submitted by the student, followed by demonstration before a panel three departmental PG recognized faculty members.



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**Semester – IV**  
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## **17. Dissertation Phase III**

### **Term Work**

#### **Progress seminar Presentation and Report**

**Teaching scheme:**

**Contact Hours:** 5 hour per week per student

**Credits:** 4

**Assessment scheme:**

**ISE:** 100marks

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For all activities related to Phase III, student must interact regularly every week with the faculty advisor. The student who has cleared his/her Phase II evaluation, shall submit a report and present the status of work carried out on the dissertation after 8-10 weeks of Phase II ESE to three departmental PG recognized faculty members.

Progress seminar shall be delivered capturing details of the work done by student for dissertation. Student shall deliver seminar using modern presentation tools. A hard copy of report shall be submitted to the faculty advisor before delivering the seminar. A PDF copy of the report must be submitted to the faculty advisor along with other details if any.

The evaluation will be done by the aforesaid panel of three departmental PG recognized faculty members based on the requirements of completion of dissertation work for the dissertation Phase- III.



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**Semester – IV**  
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## **18. Dissertation Phase-IV**

### **Term Work**

**Credits: 6**

**Assessment scheme:**

**ISE: 200 marks**

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After completing the dissertation work to the satisfaction of faculty advisor, the student shall submit the dissertation report to the University in the prescribed format. The final approved dissertation shall be submitted in black bound hard copy along with soft copy on CD/DVD.

The evaluation of dissertation is to be carried out by the faculty advisor as ISE for 200 marks. This evaluation shall be on the basis of the requirements of completion of dissertation work. The faculty advisor shall submit mark list of term work marks, along with the submission of dissertation to university as mentioned in assessment scheme.



**M.E. (CIVIL- STRUCTURES)**

**Semester – IV**

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## **19. Dissertation Phase IV**

### **Final Submission of the dissertation and Viva-Voce**

**Credits: 6**

**Assessment scheme:**

**ESE: 200 marks**

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Open defense of the student on his/her dissertation shall be arranged by the university. This defense shall be in front of the panel of examiners as appointed by university authority. The evaluation will be done by panel of examiners as appointed by university authority.