SOLAPUR UNIVERSITY, SOLAPUR

FACULTY OF ENGINEERING & TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING

Syllabus Structure and detailed syllabus of

M.E. (Computer Science & Engineering) Part II
Choice Based Credit System Syllabus
w.e.f. Academic Year 2016-17

Structure of M. E. (Computer Science & Engineering) Part-II
w.e.f. Academic Year 2016 - 17

Semester – III

Sr. No.	Course	Teaching Scheme					Evaluation Scheme			
		L	T	P	Credits		Scheme	Theory (Marks)	Practical (Marks)	Total
1	Self learning	--	--	--	3		ISE	30	--	30
							ESE	70	--	70
2	Lab Practice	--	--	2	1		ISE	--	25	25
3	Dissertation Phase –I : Synopsis Submission Seminar	--	--	6	3		ISE	--	75	75
	Dissertation Phase-II : Termwork	--	--	--	3		ISE	--	100	100
	Dissertation Phase II Progress Seminar Presentation	--	--	--	6		ESE	--	200	200
	Total	**--**	**--**	**08**	**16**			**100**	**400**	**500**

Note:
1. Student shall select one Self Learning course from the following list.
   i) Big Data
   ii) Open Source Technology
   iii) Computer Network Administration

Semester – IV

Sr. No.	Course	Teaching Scheme			Evaluation Scheme		
		P	Credits		Scheme	Practical (Marks)	Total
1	Dissertation Phase III : Progress Seminar Presentation and report	4	4		ISE	100	100
2	Dissertation Phase IV: Term work	2	6		ISE	200	200
3	Final presentation and viva-voce	-	6		ESE	200	200
	Total	**6**	**16**			**500**	**500**

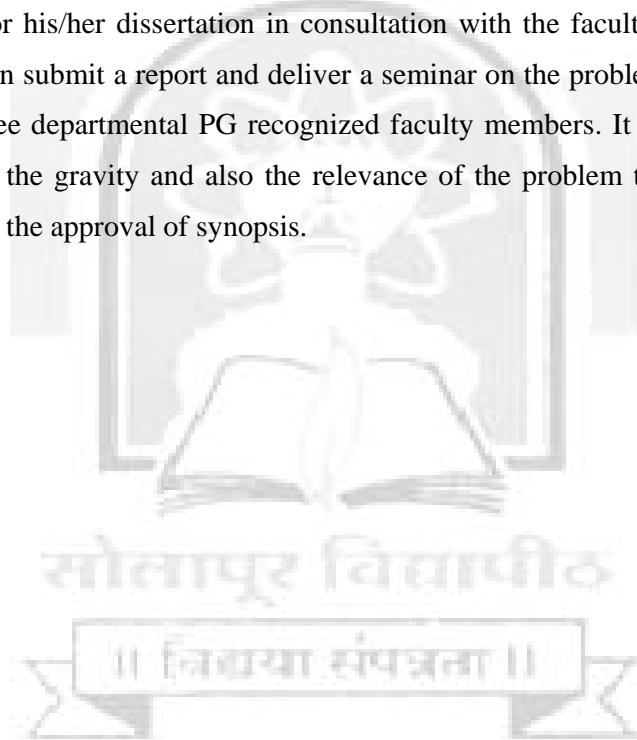**ISE – IN SEMESTER EVALUATION**
ESE – END SEMESTER EVALUATION

SOLAPUR UNIVERSITY, SOLAPUR
M.E. (Computer Science and Engineering) Part - II
Semester - III
3. Dissertation Phase - I

Teaching Scheme   **Examination Scheme**
Practical: 6Hrs/Week   **Credits:3**
                                                             ISE: 75 marks

Phase I Synopsis Submission Seminar (ISE): A student shall be 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.

Examination Scheme

ISE Credits:3   **ESE** Credits: 6
ISE: 100 marks   **ESE**: 200 marks

Phase II Term Work (ISE)

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.

Phase II Progress Seminar Presentation (ESE):

The End Semester Evaluation (ESE) consisting of submission of progress report and presentation of progress seminar followed by demonstration before a panel three departmental PG recognized faculty members.

Guidelines for Assessment of Dissertation Phase I & II

      1. Quality of Literature survey and Novelty in the problem

      2. Clarity of Problem definition and Feasibility of problem solution

      3. Clarity of objective and scope

Teaching Scheme   **Examination Scheme**
Practical: 4Hrs/Week   **Credits**: 4
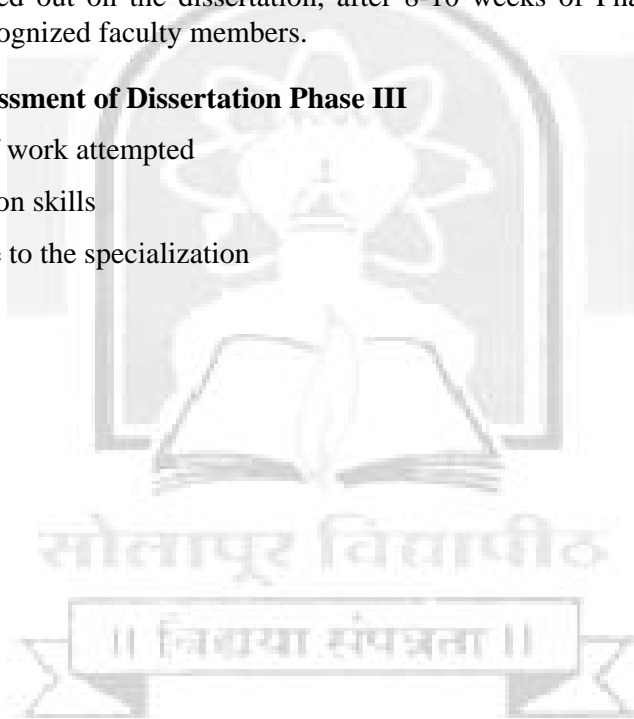   **ISE**: 100 marks

Phase III Term Work and Progress Seminar Presentation and report (ISE):

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.

Guidelines for Assessment of Dissertation Phase III

1. Quality of work attempted

2. Presentation skills

3. Relevance to the specialization

Teaching Scheme
Practical: 2Hrs/Week

Examination Scheme
Credits: 6
ISE: 200 marks

After completing the dissertation work to the satisfaction, the student shall submit the dissertation report in the prescribed format to the university.

Guidelines for Assessment of Dissertation Phase IV Termwork

1. Fulfilment of objectives

2. Validation of results

3. Quality of Written Presentation

- **Students should publish at least one paper based on his/her work in reputed International Journal (desirably in Referred Journal)**

Examination Scheme
Credits: 6
ESE: 200 marks

Final Presentation and Viva-voce (ESE):

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.