Shri Vithal Education & Research Institute's
COLLEGE OF ENGINEERING, PANDHARPUR
P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)
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Website.: www.sveri.ac.in (Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)
NBA Accredited all eligible UG Programmes, NAAC Accreditated Institute,ISO 9001:2015 Certified Institute.
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune.

Ref.:- Date:-

1.2.1 List of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented

Programme Name : Computer Science & Engineering			
Programme Code: 1-1408968327			
Sr. No.	**Class Name**	**Status of implementation of CBCS / elective course system (Yes/No)**	**Year of implementation of CBCS / elective course system**
1.	B.E. Computer Science & Engineering	Yes (Elective)	2015-16

COLLEGE OF ENGINEERING PANDHARPUR

B. Range
PRINCIPAL,
College of Engineering
PANDHARPUR

SOLAPUR UNIVERSITY, SOLAPUR

FACULTY OF ENGINEERING & TECHNOLOGY

COMPUTER SCIENCE & ENGINEERING

Structure & syllabus for

B.E. (Computer Science & Engineering)

w.e.f. Academic Year 2015-16

SOLAPUR UNIVERSITY, SOLAPUR

Computer Science and Engineering

Structure of B. E. (Computer Science & Engineering.) w.e.f. July 2015

SEMESTER – I

Sr. No	Name of the Subject	Teaching Scheme			Examination Scheme				Total
		L	T	P	Paper	T/W	OE	POE	
1	Advanced Computer Architecture	3	-	-	100	25	-	-	125
2	Distributed Systems	3	-	2	100	25	-	-	125
3	Modern Database Systems	4	-	4	100	25	-	50	175
4	Elective – I	3	-	-	100	25	-	-	125
5	Elective – II	3	-	-	100	25			125
6	Vocational Training	-	-	-	-	25	-	-	25
7	Lab I - Project Phase I	-	-	4	-	50	-	50	100
8	Lab-II - Python	2		2		50		-	50
	Total	**18**	**-**	**12**	**500**	**250**	**-**	**100**	**850**

SEMESTER -II

Sr. No	Name of the Subject	Teaching Scheme			Examination Scheme				Total
		L	T	P	Paper	T/W	OE	POE	
1	Management Information System	3	--		100	25			125
2	Information & Cyber Security	3	--	2	100	25		25	150
3	Elective -III	3	--		100	25			125
4	Elective – IV	3	--		100	25			125
5	Lab I - Web Technology	2	--	4		25		50	75
7	Lab II - Project Phase II		--	6		100		100	200
8	Lab-III -Open Source Technology	2	--	2		50			50
	Total	**16**	**-**	**14**	**400**	**275**		**175**	**850**

Elective – I	**Elective – II**
1. Human Computer Interaction 2. Digital Signal Processing 3. Software Testing & Quality Assurance 4. Business Intelligence	1. Object Oriented Modeling & Design 2. Wireless Ad hoc Networks 3. Intelligent Systems 4. Mobile Application Development
Elective – III	**Elective – IV**
1. Data Warehousing & Mining 2. Image Processing 3. Information Retrieval 4. Cloud Computing	1. Storage Area Network 2. Web 2.0 & Rich Internet Application 3. Artificial Neural Network 4. Big Data Analytics

Note:

1. The term-work will be assessed based on continuous internal evaluation including class tests, assignments, performance in laboratories, Interaction in class, quizzes, group discussions as applicable.
2. The batch size for practical/tutorials be of 15 students. On forming the batches, if the strength of remaining students exceeds 7 students, then a new batch may be formed.
3. Vocational Training (evaluated at B.E. Part-I) of minimum 15 days shall be completed in any vacation after S.E. Part-II but before B.E. Part-I & the report shall be submitted and evaluated in B.E. Part-I
4. For project, the group shall be about 4 /5 students.
5. Minimum strength of the students for Electives be 15.
6. A new elective may be introduced at SEMESTER I / II on any advanced topic in Computer Science and Engineering with prior permission from University.