

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2016-2017
M. Tech (Information Technology)

II Semester

CREDIT BASED

Subject Code	Name of the Subject	Teaching hours/week		Duration of Exam in Hours	Marks for		Total Marks	CREDITS
		Lecture	Practical / Field Work / Assignment/ Tutorials		I.A.	Exam		
16SIT21	Web Services	4	--	3	20	80	100	4
16SIT22	Cloud Computing	4	--	3	20	80	100	4
16SIT23	Mobile Application Développment	4	--	3	20	80	100	4
16SIT24	Data Mining & Data Warehousing	4	--	3	20	80	100	4
16SIT25x	Course Elective - II	4	--	3	20	80	100	3
16SIT26	Mini-project	--	3 hrs lab	3	20	80	100	2
16SIT27	Seminar	--	--	--	100	--	100	1
Total		20	3	18	220	480	700	22

Course Elective II	
16SIT251	Internet of Things
16SIT252	Social Network Analysis
16SIT253	Cyber Security and Cyber Law
16SIT254	Bio-Informatics

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III SEMESTER: Internship

CREDIT BASED

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination				Credit
			Theory	Practical/Field Work/Assignment	Duration	I.A. Marks	Theory/Practical Marks	Total Marks	
1	16SIT31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement)	-	-	-	25	-	25	20
2	16SIT32	Report on Internship	-	-	-	25	-	25	
3	16SIT33	Evaluation and Viva-Voce of Internship	-	-	-	-	50	50	
4	16SIT34	Evaluation of Project phase -1	-	-	-	50	-	50	1
TOTAL			-	-	-	100	50	150	21

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IV SEMESTER

CREDIT BASED

Sl. No	Subject Code	Title	Teaching Hours /Week		Examination				Credit
			Theory	Practical/Field Work/Assignment	Duration	I.A. Marks	Theory/Practical Marks	Total Marks	
1	16SIT41	Managing Big Data	4	-	3	20	80	100	4
2	16SIT42x	Core Electives-III	3	-	3	20	80	100	3
3	16SIT43	Evaluation of Project phase -2	-	-	-	50	-	50	3
4	16SIT44	Evaluation of Project and Viva-Voce	-	-	-	-	100+100	200	10
TOTAL			7	-	6	90	360	450	20

Elective	
16SIT421	Business Intelligence and its Applications
16SIT422	Advances in Computer Graphics
16SIT423	Web Engineering
16SIT424	Machine Learning Techniques

Note:

- 1. Project Phase-1:** 6-week duration shall be carried out between 2nd and 3rd Semester vacation. Candidates in consultation with the guide shall carry out literature survey/visit industries to finalize the topic of Project.
- 2. Project Phase-2:** 16-week duration during 4th semester. Evaluation shall be done by the committee constituted comprising of HoD as Chairman, Guide and Senior faculty of the department.
- 3. Project Evaluation:** Evaluation shall be taken up at the end of 4th semester. Project work evaluation and Viva-Voce examination shall be conducted
- 4. Project evaluation:**
 - a. Internal Examiner shall carry out the evaluation for 100 marks.
 - b. External Examiner shall carry out the evaluation for 100 marks.
 - c. The average of marks allotted by the internal and external examiner shall be the final marks of the project evaluation.
 - d. Viva-Voce examination of Project work shall be conducted jointly by Internal and External examiner for 100 marks