

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2016-2017
M. Tech. (Computer Science & Engineering)

I 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		I.A.	Exam		
16SCS11	Advances in Operating Systems	4	-	3	20	80	100	4
16SCS12	Cloud Computing	4	--	3	20	80	100	4
16SCS13	Advances in Data Base Management System	4	--	3	20	80	100	4
16SCS14	Probability Statistics and Queuing Theory	4	--	3	20	80	100	4
16SCS15x	Course Electives - I	3	--	3	20	80	100	3
16SCS16	Operating Systems and ADBMS Laboratory	--	3(2 Hrs lab+ 1 Hr Instruction)	3	20	80	100	2
16SCS17	Seminar	--	--	--	100	--	100	1
Total		20	3	18	220	480	700	22

Course Electives I

16SCS151	Advances in Digital Image Processing
16SCS152	Embedded Computing Systems
16SCS153	Advances in Storage Area Networks
16SCS154	Advances in Computer Graphics

PRINCIPAL
Sri Venkateshwara College of Engineering
Vidyanagar, Bengaluru-562 157

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2016-2017
M. Tech. (Computer Science & Engineering)

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		
16SCS21	Managing Big Data	4	--	3	20	80	100	4
16SCS22	Advances in Computer Networks	4	--	3	20	80	100	4
16SCS23	Advanced Algorithms	4	--	3	20	80	100	4
16SCS24	Internet of Things	4	--	3	20	80	100	4
16SCS25x	Course Elective - II	4	--	3	20	80	100	3
16SCS26	Mini-project	--	3 hrs lab	3	20	80	100	2
16SCS27	Seminar	--	--	--	100	--	100	1
Total		20	3	18	220	480	700	22

Course Elective II

16SCS251	Artificial Intelligence and Agent Technology
16SCS252	Pattern Recognition
16SCS253	Information and Network Security
16SCS254	Web Services


PRINCIPAL
Sri Venkateshwara College of Engineering
Vidyanagar, Bengaluru-56

PRINCIPAL
Sri Venkateshwara College of Engineering
Vidyanagar, Bengaluru-56

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM
CHOICE BASED CREDIT SYSTEM (CBCS)
SCHEME OF TEACHING AND EXAMINATION 2016-2017
M. Tech. (Computer Science & Engineering)

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	16SCS31	Seminar / Presentation on Internship (After 8 weeks from the date of commencement)	-	-	-	25	-	25	20
2	16SCS32	Report on Internship	-	-	-	25	-	25	
3	16SCS33	Evaluation and Viva-Voce of Internship	-	-	-	-	50	50	
4	16SCS34	Evaluation of Project phase -1	-	-	-	50	-	50	1
TOTAL			-	-	-	100	50	150	21

PRINCIPAL

Sri Venkateshwara College of Engineering
Vidyanagar, Bengaluru-562 157

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

M. Tech. (Computer Science & Engineering)

CREDIT BASED

IV SEMESTER

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	16SCS41	Machine Learning Techniques	4	-	3	20	80	100	4
2	16SCS42x	Course Elective-III	3	-	3	20	80	100	3
3	16SCS43	Evaluation of Project phase -2	-	-	-	50	-	50	3
4	16SCS44	Evaluation of Project and Viva-Voce	-	-	-	-	100+100	200	10
TOTAL			7	-	6	90	360	450	20

Elective

16SCS421	Computer Vision
16SCS422	Business Intelligence and its Applications
16SCS423	Agile Technologies
16SCS424	Wireless Network and Mobile Computing

Note:

- 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.
- 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.
- Project Evaluation:** Evaluation shall be taken up at the end of 4th semester. Project work evaluation and Viva-Voce examination shall conducted
- Project evaluation:**
 - Internal Examiner shall carry out the evaluation for 100 marks.
 - External Examiner shall carry out the evaluation for 100 marks.
 - The average of marks allotted by the internal and external examiner shall be the final marks of the project evaluation.
 - Viva-Voce examination of Project work shall be conducted jointly by Internal and External examiner for 100 marks.

PRINCIPAL
 Sri Venkateshwara College of Engineering
 Vidyanagar, Bengaluru-562 157