



CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

Courses of Study and Scheme of Examination of Diploma First Semester (2005-2006) in (i) Computer Science & Engineering And (ii) Information Technology

SEMESTER - I

S. No	Subject Code	Board of Study	Subject	Periods Per Week			Scheme of Examination					Total Marks	Credit [L+[T+P]] 2
							Theory			Practical			
				L	T	P	ESE	CT	TA	ESE	TA		
1	200111	Humanities	Communication Skill-I	3	1	-	100	20	20	-	-	140	4
2	200112	Basic Science	Applied Mathametics-I	3	2	-	100	20	20	-	-	140	4
3	200113	Basic Science	Applied Physics	3	1	-	100	20	20	-	-	140	4
4	200114	Basic Science	Applied Chemistry	3	1	-	100	20	20	-	-	140	4
5	222115	Computer Science	Computer Fundamentals and its Applications	4	1	-	100	20	20	-	-	140	5
6	222121	Computer Science	Computer Fundamentals and its Applications Lab	-	-	6	-	-	-	100	20	120	3
7	200122	Basic Science	Applied Physics Lab	-	-	3	-	-	-	50	20	70	2
8	200123	Basic Science	Applied Chemistry Lab	-	-	3	-	-	-	50	20	70	2
9	200125	Humanities	Group Discussion	-	-	2	-	-	-	-	40	40	2
Total				16	6	14	500	100	100	200	100	1000	30

L – Lecturer,
ESE – End Semester Exam,

T – Tutorial,
CT – Class Test,

P – Practical,
TA – Teachers Assessment

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN COMPUTER SCIENCE AND ENGINEERING / INFORMATION TECHNOLOGY

Semester – II

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Course	Periods/Week			Scheme of Examination					Credit L+(T+P)/2	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1	Humanities	200211(46)	Communication skills – II	4	1	-	100	20	20	-	-	140	5
2	Basic Science	200212 (14)	Applied Maths-II	3	1	-	100	20	20	-	-	140	4
3	Mechanical Engineering	200215 (37)	Engineering Drawing	2	4	-	100	20	20	-	-	140	4
4	Elex. and Teclom. Engg.	200216 (28)	Basic Electrical, Electronic and Measurements	4	1	-	100	20	20	-	-	140	5
5.	Computer Science & Engg.	200217 (22)	Programming in C	4	2	-	100	20	-	-	-	120	5
6.	Humanities	200224(46)	PPA	-	-	2	-	-	-		40-	40	1
7	Computer Science & Engg.	200225 (22)	Programming in C Lab	-	-	3	-	-	-	100	40	140	2
8	Elex. and Teclom. Engg.	200226 (28)	Basics of Electrical, Electronic and Measurement Lab	-	-	5	-	-	-	100	40	140	3
TOTAL				17	9	10	500	100	80	200	120	1000	29

PPA – Proficiency in Professional Activity

L - Lecture ; **T** - Tutorial; **P** - Practical

ESE – End of Semester Exam.; **CT** – Class Test; **TA**- Teacher’s Assessment

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY

Semester – III

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Periods/Week (In Hours)			Scheme of Examination					Credit L+ (T+P)/2	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1.	Computer Science Engg.	233311(22)	Computer Architecture	3	1	-	100	20	20	-	-	140	4
2.	Electronics & Telcomm Engg	233312(28)	Electronic Devices & Circuits	5	2	-	100	20	20	-	-	140	6
3.	Computer Science Engg	222312(22)	Object-Oriented programming in C++	3	1	-	100	20	20	-	-	140	4
4	Computer Science Engg	233314(22)	Computer Network Essentials	3	2	-	100	20	20	-	-	140	4
5	Computer Science Engg	222315(22)	Operating System	4	1	-	100	20	20	-	-	140	5
6	Electronics & Telcomm Engg	233321(28)	Electronic Devices & Circuits Lab	-	-	4	-	-	-	70	30	100	2
7	Computer Science Engg	222323(22)	Object-Oriented programming in C++, Lab	-	-	4	-	-	-	70	30	100	2
8	Computer Science Engg	233323(22)	Computer Network Essentials Lab	-	-	3	-	-	-	70	30	100	2
TOTAL				18	7	11	500	100	100	210	90	1000	29

L : Lecture hours : T : Tutorial hours, P : Practical hours

ESE – End of Semester Exam.; CT – Class Test; TA- Teacher’s Assessment ;

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI, CHHATTISGARH

DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY

Semester – IV

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Periods/Week (In Hours)			Scheme of Examination						Credit L+ (T+P)/2
				L	T	P	Theory			Practical		Total Marks	
							ESE	CT	TA	ESE	TA		
1.	Computer Science Engg	233411 (22)	Computer Troubleshooting and Maintenance	3	1	-	100	10	20	-	-	130	4
2.	Computer Science Engg	233412 (22)	System Analysis and Design	3	2	-	100	30	20	-	-	150	4
3.	Computer Science Engg	222413 (22)	Programming with Visual Basic	3	1	-	100	20	20	-	-	140	4
4.	Computer Science Engg	233413 (22)	LINUX	3	1	-	100	10	20	-	-	130	4
5.	Info. Tech.	233414 (33)	Graphics and Multimedia	3	1	-	100	20	20	-	-	140	4
6.	Computer Science Engg	233421 (22)	Computer Troubleshooting and Maintenance Lab	-	-	3	-	-	-	50	20	70	2
7.	Computer Science Engg	222422 (22)	Programming with Visual Basic Lab	-	-	4	-	-	-	70	30	100	2
8.	Computer Science Engg	233423 (22)	LINUX Lab	-	-	4	-	-	-	50	20	70	2
9.	Info. Tech.	233424 (22)	Graphics and Multimedia Lab	-	-	4	-	-	-	50	20	70	2
TOTAL				15	6	15	500	90	100	220	90	1000	28

L : Lecture hours : T : Tutorial hours, P : Practical hours

ESE – End of Semester Exam.; CT – Class Test; TA- Teacher’s Assessment ;

Note : One month Industrial training will be organised after 4th semester, evaluation will be done in 5th semester.

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY

Semester – V

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No	Board of Study	Subject Code	Subject	Periods/Week (In Hours)			Scheme of Examination					Credit L+ (T+P)/2	
				L	T	P	Theory			Practical			Total Marks
							ESE	CT	TA	ESE	TA		
1.	Electronics & Telcomm Engg.	233511 (28)	Electronic Communication	3	1	-	100	10	20	-	-	130	4
2.	Computer Science Engg	222513 (22)	Java Programming	3	1	-	100	10	20	-	-	130	4
3.	Info. Tech.	233512 (33)	Network Management	4	1	-	100	10	20	-	-	130	5
4.	Info. Tech.	233513 (33)	Internet & Web Page Design	4	1	-	100	10	20	-	-	130	5
5.	Computer Science Engg	233514 (33)	Database Management System	4	1	-	100	10	20	-	-	130	5
6.	Electronics & Telcomm Engg.	233521 (28)	Electronic Communication lab	-	-	4	-	-	-	70	30	100	2
7.	Computer Science Engg	222523 (22)	Java Programming lab	-	-	4	-	-	-	50	20	70	2
8.	Info. Tech.	233522 (35)	Internet & Web Page Design Lab	-	-	4	-	-	-	70	40	110	2
9.	Info. Tech.	233523 (33)	Industrial Training*	-	-	1	-	-	-	50	20	70	1
TOTAL				18	5	13	500	50	100	240	110	1000	30

* One month Industrial training will be organised after 4th semester, evaluation will be done in 5th semester.

L : Lecture hours : T : Tutorial hours, P : Practical hours

ESE – End of Semester Exam.; CT – Class Test; TA- Teacher’s Assessment ;

CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

DIPLOMA PROGRAMME IN INFORMATION TECHNOLOGY

Semester – VI

COURSE OF STUDY AND SCHEME OF EXAMINATION

S. No.	Board of Study	Subject Code	Subject	Periods/Week (In Hours)			Scheme of Examination						Credit L+ (T+P)/2
				L	T	P	Theory			Practical		Total Marks	
							ESE	CT	TA	ESE	TA		
1	Mechanical Engg.	200615 (37)	Entrepreneurship Development	4	1	-	100	20	10	-	-	130	5
2	Info. Tech.	233611 (33)	Dynamic Web Page Design	4	1	-	100	20	20	-	-	140	5
3	Info. Tech.	233612 (33)	Management Information System	3	1	-	100	20	20	-	-	140	4
4	Info. Tech.	233613 (33)	Client/Server Application	3	1	-	100	20	20	-	-	140	4
5	Info. Tech.	233614 (33)	Information Services	3	2	-	100	20	20	-	-	140	4
6	Info. Tech.	233623 (33)	Major Project	-	-	5	-	-	-	100	70	170	3
7	Info. Tech.	233621 (33)	Dynamic web page design Lab	-	-	4	-	-	-	50	20	70	2
8	Info. Tech.	233622 (33)	Client/Server Application Lab	-	-	4	-	-	-	50	20	70	2
TOTAL				17	6	13	500	100	90	200	110	1000	29

L : Lecture hours : T : Tutorial hours, P : Practical hours.

ESE – End of Semester Exam.; CT – Class Test; TA- Teacher’s Assessment