



## 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
<b>Total</b>				<b>16</b>	<b>6</b>	<b>14</b>	<b>500</b>	<b>100</b>	<b>100</b>	<b>200</b>	<b>100</b>	<b>1000</b>	<b>30</b>

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 Teclcom. 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 Teclcom. Engg.	200226 (28)	Basics of Electrical, Electronic and Measurement Lab	-	-	5	-	-	-	100	40	140	3
<b>TOTAL</b>				<b>17</b>	<b>9</b>	<b>10</b>	<b>500</b>	<b>100</b>	<b>80</b>	<b>200</b>	<b>120</b>	<b>1000</b>	<b>29</b>

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 COMPUTER SCIENCE AND ENGINEERING

### 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	233314 (22)	Computer Network Essentials	3	2	-	100	20	20	-	-	140	4
2.	Computer Science Engg.	222312 (22)	Object-Oriented Programming in C++	3	1	-	100	20	20	-	-	140	4
3.	Computer Science Engg	222313 (22)	Database Management System-I	3	1	-	100	20	20	-	-	140	4
4.	Electronics & Telcomm Engg	222314 (28)	Digital Techniques	3	1	-	100	20	20	-	-	140	4
5.	Computer Science Engg	222315 (22)	Operating Systems	4	1	-	100	20	20	-	-	140	5
6.	Electronics & Telcomm Engg	222321 (28)	Electronics Workshop	1	-	3	-	-	-	40	20	60	3
7.	Electronics & Telcomm Engg	222322 (28)	Digital Techniques Lab	-	-	2	-	-	-	50	20	70	1
8.	Computer Science Engg	222323 (22)	Object-Oriented Programming in C++ Lab	-	-	4	-	-	-	70	30	100	2
9.	Computer Science Engg	222324 (22)	Database Management System-I Lab	-	-	4	-	-	-	50	20	70	2
<b>TOTAL</b>				<b>17</b>	<b>6</b>	<b>13</b>	<b>500</b>	<b>100</b>	<b>100</b>	<b>210</b>	<b>90</b>	<b>1000</b>	<b>29</b>

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 COMPUTER SCIENCE AND ENGINEERING

### 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	222411(22)	Computer Architecture	3	1	-	100	20	20	-	-	140	4
2.	Computer Science Engg	222412(22)	Data Structure	4	2	-	100	20	20	-	-	140	5
3.	Computer Science Engg	222413(22)	Programming with Visual Basic	3	1	-	100	20	20	-	-	140	4
4.	Info. Tech.	222414(33)	IT Trends & Technologies	3	1	-	100	20	20	-	-	140	4
5.	Info. Tech.	222415(33)	Multimedia and Web Technology	3	1	-	100	20	20	-	-	140	4
6.	Computer Science Engg	222421(22)	Data Structure Lab	-	-	6	-	-	-	70	30	100	3
7.	Computer Science Engg	222422(22)	Programming with Visual Basic Lab	-	-	4	-	-	-	70	30	100	2
8.	Info. Tech.	222423(33)	Multimedia and Web Technology Lab	-	-	4	-	-	-	70	30	100	2
<b>TOTAL</b>				<b>16</b>	<b>6</b>	<b>14</b>	<b>500</b>	<b>100</b>	<b>100</b>	<b>210</b>	<b>90</b>	<b>1000</b>	<b>28</b>

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**Note :** Industrial Training will be organised after 4<sup>th</sup> sem, evaluation will be done in 5<sup>th</sup> semester.

# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

## DIPLOMA PROGRAMME IN COMPUTER SCIENCE AND ENGINEERING

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	222511 (28)	Microprocessor & Interfaces	3	1	-	100	10	20	-	-	130	4
2.	Computer Science Engg	222512 (22)	Computer Troubleshooting and maintenance	3	1	-	100	10	20	-	-	130	4
3.	Computer Science Engg	222513 (22)	Java Programming	3	1	-	100	10	20	-	-	130	4
4.	Computer Science Engg	222514 (22)	LINUX	3	1	-	100	10	20	-	-	130	4
5.	Computer Science Engg	222515 (22)	Software Engineering	3	2	-	100	10	20	-	-	130	4
6.	Computer Science Engg	222521 (22)	Microprocessor & Interfaces Lab	-	-	3	-	-	-	50	20	70	2
7.	Computer Science Engg	222522 (22)	Computer Troubleshooting and maintenance, Lab	-	-	3	-	-	-	50	20	70	2
8.	Computer Science Engg	222523 (22)	Java Programming Lab	-	-	4	-	-	-	50	20	70	2
9.	Computer Science Engg	222524 (22)	LINUX Lab	-	-	4	-	-	-	50	20	70	2
10.	Computer Science Engg	222525 (22)	Industrial Training/Seminar*	-	-	1	-	-	-	50	20	70	1
<b>TOTAL</b>				<b>15</b>	<b>6</b>	<b>15</b>	<b>500</b>	<b>50</b>	<b>100</b>	<b>250</b>	<b>100</b>	<b>1000</b>	<b>29</b>

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\*Industrial Training will be organised after 4<sup>th</sup> sem, evaluation will be done in 5<sup>th</sup> semester.

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## DIPLOMA PROGRAMME IN COMPUTER SCIENCE AND ENGINEERING

### 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.	Computer Science Engg	222611 (22)	Database Management system-II	3	1	-	100	20	20	-	-	140	4
3.	Computer Science Engg	222612 (22)	Computer Network	3	1	-	100	20	20	-	-	140	4
4.	Info. Tech.	233611 (33)	Dynamic Web Page Design	4	1	-	100	20	20	-	-	140	5
5	Info. Tech.	233614 (33)	Information services	3	2	-	100	20	20	-	-	140	4
6	Computer Science Engg	222621 (22)	Database Management system-II Lab	-	-	4	-	-	-	50	20	70	2
7	Computer Science Engg	222622 (22)	Major Project	-	-	5	-	-	-	100	70	170	3
8	Info Tech	233621 (33)	Dynamic Web Page Design Lab	-	-	4	-	-	-	50	20	70	2
<b>TOTAL</b>				<b>17</b>	<b>6</b>	<b>13</b>	<b>500</b>	<b>100</b>	<b>90</b>	<b>200</b>	<b>110</b>	<b>1000</b>	<b>29</b>

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