

1	KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.													
	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING							PROGRAMME CODE: CS						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: I							SCHEME: C-15						
Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Engineering Mathematics - I	Sc	15SC01M	4			4	4	3	100	35	25	125	45
2	Applied Science	Sc	15SC03S	4			4	4	3	100	35	25	125	45
3	Concepts of Electrical & Electronic Engineering	EC	15EC01T	4			4	4	3	100	35	25	125	45
4	Applied Science Lab	Sc	15SC04P		2	4	6	3	3	50	25	25	75	35
5	Basic Electronics Lab	EC	15EC02P		2	4	6	3	3	50	25	25	75	35
6	Basic Computer Skills Lab	CS	15CS11P		2	4	6	3	3	50	25	25	75	35
			Total	12	6	12	30	21		450	180	150	600	240

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .
 QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

2	KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.													
	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING							PROGRAMME CODE: CS						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: II							SCHEME: C-15						
Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
						7								
1	Engineering Mathematics - II	Sc	15SC02M	4			4	4	3	100	35	25	125	45
2	Communication Skills in English	Sc & Huma	15CP01E	4			4	4	3	100	35	25	125	45
3	Digital and Computer fundamentals	CS	15CS21T	4			4	4	3	100	35	25	125	45
4	Digital Electronics Lab	EC	15EC03P		2	4	6	3	3	50	25	25	75	35
5	Basic Web Design Lab	CS	15CS22P		2	4	6	3	3	50	25	25	75	35
6	Multimedia lab	CS	15CS23P		2	4	6	3	3	50	25	25	75	35
			Total	12	6	12	30	21		450	180	150	600	240

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .
 QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

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KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.

PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING

PROGRAMME CODE: CS

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: III

SCHEME: C-15

Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Programming with C	CS	15CS31T	4			4	4	3	100	35	25	125	45
2	Computer Organisation	CS	15CS32T	4			4	4	3	100	35	25	125	45
3	Database Management Systems	CS	15CS33T	4			4	4	3	100	35	25	125	45
4	Computer Network	CS	15CS34T	4			4	4	3	100	35	25	125	45
5	Programming with C Lab	CS	15CS35P		2	4	6	3	3	50	25	25	75	35
6	DBMS and GUI Lab	CS	15CS36P		2	4	6	3	3	50	25	25	75	35
7	Network Administration Lab	CS	15CS37P		2	4	6	3	3	50	25	25	75	35
			Total	16	6	12	34	25		550	215	175	725	285

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .

QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

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KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.

TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.

PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING

PROGRAMME CODE: CS

PATTERN: FULL TIME

DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)

SEMESTER: IV

SCHEME: C-15

Sl.no	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Data Structures using C	CS	15CS41T	4			4	4	3	100	35	25	125	45
2	OOP with Java	CS	15CS42T	4			4	4	3	100	35	25	125	45
3	Operating System	CS	15CS43T	4			4	4	3	100	35	25	125	45
4	Professional Ethics & Indian Constitution	CS	15CS44T	4			4	4	3	100	35	25	125	45
5	Data Structures Lab	CS	15CS45P		2	4	6	3	3	50	25	25	75	35
6	OOP with Java Lab	CS	15CS46P		2	4	6	3	3	50	25	25	75	35
7	Linux Lab	CS	15CS47P		2	4	6	3	3	50	25	25	75	35
			Total	16	6	12	34	25		550	215	175	725	285

1 Hr Theory = 1 Credit :: 2Hrs Practical/TU = 1 Credit .

QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

5	KARNATAKA STATE BOARD OF TECHNICAL EXAMINATION, BENGALURU.													
	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING							PROGRAMME CODE: CS						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: V							SCHEME: C-15						
Sl.No	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Software Engineering	CS	15CS51T	4	-	-	4	4	3	100	35	25	125	45
2	Web Programming	CS	15CS52T	4	-	-	4	4	3	100	35	25	125	45
3	Design and Analysis of Algorithms	CS	15CS53T	4	-	-	4	4	3	100	35	25	125	45
4	Green Computing	CS	15CS54T	4	-	-	4	4	3	100	35	25	125	45
5	Web Programming lab	CS	15CS55P	-	2	4	6	3	3	50	25	25	75	35
6	Design and Analysis of Algorithms lab	CS	15CS56P	-	2	4	6	3	3	50	25	25	75	35
7	Professional Practices lab	CS	15CS57P	-	2	4	6	3	3	50	25	25	75	35
8	Project Work - I	CS	15CS58P	-	1	2	3	-	End of VI Semester	-	-	25	25	-
Total				16	7	14	37	25		550	215	200	750	285

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 QP Code- Question Paper code :: TH-Theory Hours :: TU-Tutorial :: PR-Practical

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	TEACHING AND EXAMINATION SCHEME FOR DIPLOMA PROGRAMME.													
	PROGRAMME NAME: COMPUTER SCIENCE & ENGINEERING							PROGRAMME CODE: CS						
	PATTERN: FULL TIME							DURATION OF PROGRAMME: 3 YEARS (6 SEMESTERS)						
	SEMESTER: VI							SCHEME: C-15						
Sl.No	Course Name	Teaching Department	Course /QP code	Teaching Scheme					Examination Scheme					
				Contact Hours					Exam Paper Duration in Hrs	Semester End Exam		CIE Marks	Total Marks	Min Marks for passing (including CIE marks)
				TH	TU	PR	Total	Credit		Max Marks	Min Marks			
1	Software Testing	CS	15CS61T	4	-	-	4	4	3	100	35	25	125	45
2	Network Security and Management	CS	15CS62T	4	-	-	4	4	3	100	35	25	125	45
3	Elective	CS	****	4			4	4	3	100	35	25	125	45
4	Software Testing lab	CS	15CS64P	-	2	4	6	3	3	50	25	25	75	35
5	Network Security lab	CS	15CS65P	-	2	4	6	3	3	50	25	25	75	35
7	Soft Skills for IT Professionals	CS	15CS66P	-	-	4	4	2	-	-	-	25	25	-
8	Project Work -II	CS	15CS67P	-	2	4	6	3	3	50	25	25	75	35
			Total	12	6	16	34	23		450	180	175	625	240

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******Electives**

15CS63A	Information Storage and Management	15CS63C	Mobile Computing
15CS63B	Cloud Computing	15CS63F	Internet of Things