		JES			
4 \	/ear BTe	ch New Approved Curricula for Co	mputer Sc	ience Eng	ineering
-		wef 2007-11 batcl	-		, C
		BTech I semester (B1)			
SN	Sub		Contact		
	Code	Subject	hours	Credits	Remarks
1	PD	Professional Dev – I	3	3	
2	MA	Mathematics-I	4	4	
3	PH	Physics-I	4	4	
4	EC	Electrical Circuit Analysis	4	4	
5	CS	Introduction to Computers and	4	4	
		Programming			
6	PH	Physics Lab-I	2	1	
7	EC	Electrical Circuits Lab	2	1	
8	CS	Computer Programming Lab	4	2	
9		Institutional Orientation	2	0	
		Total	29	23	
		JES		Ļ	
4 y	ear Bie	ch New Approved Curricula for Co	-	ence Eng	ineering
	1	wef 2007-11 batcl		1	1
		BTech II semester (B2)			
SN	Sub	Cubicat	Contact	One dite	Demenden
	Code	Subject	hours	Credits	Remarks
1	PD	Professional Dev – II	3	3	
2	MA	Mathematics-II	4	4	
3	PH	Physics-II	4	4	
4	EC	Basic Electronic Devices and	4	4	
F	CS	Circuits	1	1	
5	PH	Data Structures	4	4	
6 7	EC	Physics Lab-II Basic Electronics Lab	2	1	
8	CS	Data Structures and Computer	2	1	
0	03	Programming Lab	4	2	
9	CS	Departmental Orientation	2	0	
3	00		2	0	
		Total	29	23	
		JES	25	20	
4.			mautor Co	l Jones Fre	incoring
4)	ear bie	ch New Approved Curricula for Co	-	sience Eng	ineering
		wef 2007-11 batcl BTech III semester (B3)			1
		Brech in Semester (BS)			
CNI	Sub		Contact		+
JIN		Subject	hours	Credits	Remarks
1	Code PD	Professional Dev – III	3	3	
2	MA	Mathematics-III	4	4	
2	EC	Digital Electronics	4	4	
<u> </u>	CS		4	4	+
4		Object Oriented Programming Database Systems	4	4	
5		Dalabase Oysiellis			+
5	CS EC		2		
6	EC	Digital Electronics Lab	2	1	
6 7	EC CS	Digital Electronics Lab Object Oriented Programming Lab	2	1	
6	EC	Digital Electronics Lab		-	

		Total	27	23	
4 y	ear BTe	ech New Approved Curricula for Cor wef 2007-11 batch	-	ience Eng	ineering
		BTech IV semester (B4)			
SN	Sub		Contact		
	Code	Subject	hours	Credits	Remarks
1	PD	Professional Dev – IV	3	3	
2	MA	Mathematics-IV	4	4	
3	EC	Signals and Systems	4	4	
4	CS	Microprocessors and Controllers	4	4	
5	CS	Fundamentals of Algorithms	4	4	
6	EC	Signals and Systems Lab	2	1	
7	CS	Microprocessors and Controllers Lab	2	1	
8	CS	Algorithms Lab	2	1	
9	IT	Multimedia Development Lab I	2	1	1
-		Environmental Studies	3	3	
		Total	30	26	1
		JES			
,		ech New Approved Curricula for Cor wef 2007-11 batch BTech V semester (B5)	-	3	
SN	Sub		Contact		
SN	Sub Code		Contact hours	Credits	Remarks
SN	Code	Subject	hours	Credits 3	Remarks
		Subject Professional Dev – V		Credits 3 4	Remarks
1	Code PD	Subject Professional Dev – V Communication Systems	hours 3	3	Remarks
1	Code PD EC	Subject Professional Dev – V Communication Systems Operating Systems	hours 3 4	3 4	Remarks
1 2 3	Code PD EC CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering	hours 3 4 4	3 4 4	Remarks
1 2 3 4	Code PD EC CS CS	Subject Professional Dev – V Communication Systems Operating Systems	hours 3 4 4 4 4	3 4 4 4	Remarks
1 2 3 4 5	Code PD EC CS CS CS EC CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation	hours 3 4 4 4 2 2	3 4 4 4 4 4	Remarks
1 2 3 4 5 6	Code PD EC CS CS CS EC	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab	hours 3 4 4 4 4 2	3 4 4 4 4 4 1	Remarks
1 2 3 4 5 6 7	Code PD EC CS CS CS EC CS CS CS IT	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab	hours 3 4 4 4 2 2	3 4 4 4 4 1 1 1 1 1	Remarks
1 2 3 4 5 6 7 8	Code PD EC CS CS CS EC CS CS IT CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging	hours 3 4 4 4 2 2 2 2 4	3 4 4 4 4 1 1 1	Remarks
1 2 3 4 5 6 7 8 9	Code PD EC CS CS CS EC CS CS CS IT	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging Lab	hours 3 4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 4 4 4 1 1 1 1 1 4 1	Remarks
1 2 3 4 5 6 7 8 9 10	Code PD EC CS CS CS EC CS CS IT CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging	hours 3 4 4 4 2 2 2 2 4	3 4 4 4 1 1 1 1 1 4	Remarks
1 2 3 4 5 6 7 8 9 10	Code PD EC CS CS CS EC CS CS IT CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La	hours 3 4 4 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 4 4 4 1 1 1 1 1 4 1	Remarks
1 2 3 4 5 6 7 8 9 9 10 11	Code PD EC CS CS CS CS CS IT CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging Lab	hours 3 4 4 4 2 2 2 2 3 3 mputer Sc	3 4 4 4 1 1 1 1 1 4 1 28	
1 2 3 4 5 6 7 8 9 9 10 11	Code PD EC CS CS CS CS CS IT CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES Sch New Approved Curricula for Cor	hours 3 4 4 4 2 2 2 2 3 3 mputer Sc	3 4 4 4 1 1 1 1 1 4 1 28	
1 2 3 4 5 6 7 8 9 9 10 11	Code PD EC CS CS CS CS CS IT CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6)	hours 3 4 4 4 2 2 4 2 2 4 2 33 mputer Sc Contact	3 4 4 4 1 1 1 1 1 4 1 28	ineering
1 2 3 4 5 6 7 8 9 9 10 11 11 4 y	Code PD EC CS CS CS CS CS IT CS CS CS CS CS CS CS CS CS CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6) Subject	hours 3 4 4 4 4 2 2 2 2 4 2 3 3 mputer Scontact hours	3 4 4 4 1 1 1 1 1 4 1 28 ience Eng	
1 2 3 4 5 6 7 8 9 10 11 11 4 y SN	Code PD EC CS CS CS CS CS IT CS CS CS CS CS CS PD	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI	hours 3 4 4 2 2 2 4 2 33 mputer Scond Contact hours 3	3 4 4 4 1 1 1 1 1 4 1 28 ience Eng	ineering
1 2 3 4 5 6 7 8 9 10 11 11 4 y SN 1 2	Code PD EC CS CS CS CS CS IT CS CS CS CS CS CS CS CS CS CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Corwef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI Computer Networks	hours 3 4 4 2 2 2 2 33 mputer Scond Contact hours 3 4	3 4 4 4 1 1 1 1 1 28 ience Eng	ineering
1 2 3 4 5 6 7 8 9 10 11 11 4 y S N 1 2 3	Code PD EC CS CS CS CS CS IT CS CS CS ear BTe PD CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES Ech New Approved Curricula for Corwef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI Computer Networks Compiler Design	hours 3 4 4 2 2 2 4 2 33 mputer Scond Contact hours 3	3 4 4 4 1 1 1 1 1 4 1 28 ience Eng	ineering
1 2 3 4 5 6 7 8 9 10 11 11 4 y SN 1 2	Code PD EC CS CS CS CS CS IT CS CS CS CS CS CS CS CS CS CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI Computer Networks Compiler Design Computer Organisation and	hours 3 4 4 4 2 2 2 2 33 mputer Sc Contact hours 3 4	3 4 4 4 1 1 1 1 1 28 ience Eng	ineering
1 2 3 4 5 6 7 8 9 10 11 11 4 y S N 1 2 3 4	Code PD EC CS CS CS CS CS IT CS CS CS CS PD CS CS CS CS CS CS CS CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI Computer Networks Compiler Design Computer Organisation and Architecture	hours 3 4 4 4 2 2 2 4 2 33 mputer Sc Contact hours 3 4 4 4 4 4 4 4 4 4 4	3 4 4 4 1 1 1 1 1 1 28 ience Eng	ineering
1 2 3 4 5 6 7 8 9 10 11 11 4 y S N 1 2 3	Code PD EC CS CS CS CS CS IT CS CS CS ear BTe PD CS CS CS CS	Subject Professional Dev – V Communication Systems Operating Systems Software Engineering Theory of Computation Communication Systems Lab Operating Systems Lab Software Engineering Lab Web Technology Lab Software Testing and Debugging Software Testing and Debugging La Total JES ech New Approved Curricula for Cor wef 2007-11 batch BTech VI semester (B6) Subject Professional Dev – VI Computer Networks Compiler Design Computer Organisation and	hours 3 4 4 4 2 2 2 2 33 mputer Sc Contact hours 3 4	3 4 4 4 1 1 1 1 1 28 ience Eng	ineering

7	CS	Compiler Design Lab	2	1	
9	CS	System and Network			
		Programming Lab	4	2	
10	IT	Computer Graphics	4	4	
11	IT	Computer Graphics Lab	2	1	
		Total	31	28	

		JES			
4 y	/ear BTe	ch New Approved Curricula for Cor wef 2007-11 batch	-	ience Eng	ineering
		BTech VII semester (B7)			
SN	Sub		Contact		
	Code	Subject	hours	Credits	Remarks
1	PD	Professional Dev – VII	3	3	
2		DE-I	3	3	
3		DE-II	3	3	
4		DE-III	3	3	
5	CS	Project Part I	20	10	
		Total	32	22	
		List of Electives			
		(To be updated from time to time)			
1	MA	Abstract Algebra			
2	CS	Artificial Intellegence			
3	PH	Astrophysics			
4	BT	Biosciences			
5	CS	Computer Graphics			
6	CS	Design of Database Sytems			
7	EC	Digital Signal Processing			
8	MA	Game Theory			
9	PH	General Theory of Relativity			
10	CS	Graph Algorithms and Applications			
11	MA	Graph Theory			1
12	EC	Information Theory and			
		Applications			
13	IT	Learning Sciences and Technology			
14	CS	Multi-Dimensional Data Structures			
15	PH	Nano Science and Technology			
16	CS	Network Programming			
17	MA	Numerical Analysis			
18	CS	Principles of Programming Languages			
19	IT	Research Methodology			

20	CS	Soft Computing			
21	CS	Software Engineering Management			
		JES			
4.					
4)	ear Bie	ch New Approved Curricula for Cor		lence Eng	ineering
	1	wef 2007-11 batch			1
		BTech VIII semester (B8)		
	Ck		Contract		
SN	Sub	Cubicat	Contact	One dite	Dementer
4	Code	Subject	hours	Credits	Remarks
1	PD	Professional Dev – VIII	3	3	
2		DE-IV	3	3	
3		DE-V	3	3	
4		DE-VI	3	3	
5	CS	Project Part II	20	10	
		Total	20		
		Total	32	22	+
					+
		List of Electives			
		(To be updated from time to time)			
4	NAA	Algebraic Number Theory			
1	MA	Algebraic Number Theory Bio-informatics			
2	BT				
3	IT IT	Computer Games			
4	11	Cryptography and Network			
		Security			
5	CS	Design of Algorithms			
6	CS	Embedded Systems			
7	IT	Human Aspects for Information			
-		Technology			
8	CS	Image Processing			
9	IT	Information Retrieval and Data			
10		Mining			
10	MA	Integral Transforms			
11	EC	Mobile Communications			
12	IT	Network Management			-
13	MA	Operation Research			+
14	CS	Parallel Processing			-
15	MA	Partial Differential Equations			+
16	PH	Quantum Computing			+
17	PH	Special Theory of Relativity			-
18	CS	Systems Programming			+
			Crodite		
		Credit Summary	Credits		+
		Sem1	23		+
		Sem2	23		
		Sem3	23		
		Sem4	26		<u> </u>
		Sem5	28		
		Sem6	28		<u> </u>
		Sem7	22		
		Sem8	22		
	1	Total	195		1