

I - Semester [Common to IT & ICT]

Subject

Code

Subject

Title

Periods

per Week

Credit

Points

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P

EN101/ BITCEN101/	English / Foreign Lan	3	0	0	3
MA102/ BITCMA102/	Mathematics - I	4	0	0	4
SCCS103/ BITCIT103/	Computer Programming	4	0	0	4
CPY104/ BITCPY104/	Physics	3	1	0	4
OCE105/ BITOCE105	Environment Studies	3	0	1	4
SCTP106/ BITCTP106/	Indian Culture & Ethic	1	0	0	1
CEE107/ BITCEE107/	Basic Electrical & Electric	3	0	0	3
CME108/ BITCME108	Basic Mechanical En	3	0	0	3
CCS109/ BITCCS109/	Computer Programm	0	0	2	2
CME110/ BITCME110	Workshop	0	0	2	2
CPH111/ BITCPH111/	Physics Lab	0	0	2	2

Total

20 0 12 32

II - Semester [Common to IT & ICT]

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MA201/	BCSCMA201	Mathematics - II	4	0	0	4
CCS202/	BITCIT202	Computer Programming	4	0	0	4
CCCH203/	BITCCH203	Chemistry	4	0	0	4
CCCE204/	BITCCE204	Engineering Drawing	4	0	0	4
SCCTP205/	BITCTP205	Personality Development	1	0	0	1
CCCE206/	BITCCE206	Basic Civil Engineering	3	0	0	3
CCME207/	BITCME207	Engineering Mechanics	4	0	0	4
CCEN208/	BITCEN208	Technical Communication	3	0	0	3
CCS209/	BITCCS209	Computer Programming	0	0	2	2
CCME210/	BITCME210	Computer Aided Drawing	0	0	2	2
CCCH211/	BITCCH211	Chemistry Lab	0	0	2	2

Total

17 0 16 33

III - Semester

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BITCMA30	Transforms 0 4 & Complex Variables
BITCIT302	Computer Organization & Architecture
BITCIT303	Data Structures
BITCIT304	Digital Systems
BITCIT305	Microprocessors & Microcontroller
BITDIT306	DE
BITCIT307	Microprocessors & Microcontroller Lab
BITCIT308	Data Structures Lab
BITCTP309	HR

Total

196 6 29

DEPARTMENTAL ELECTIVES:

BITDIT302	F Scientific	Computing	3	1	0	4
BITDIT303 R0	Multimedia	Systems	3	1	0	4

ADDITIONAL COURSES FOR LATERAL ENTRY STUDENTS:

BITDIT301 R0	Programming	in C	3	1	0	4
BITDIT304R0	Programming	in C La	0	0	3	2

IV - Semester

Subject

Code

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**Periods
of Instruction**

Credit

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L

T

P

BITCMA401R01

Discrete Structures & Combinatorics

BITCIT402 Operating Systems

BITCIT403 Java Programming

BITCIT404 Signals & Systems

BITCEE Control Systems

BITDIT X DE-2

BITCIT406 Operating System Lab

BITCIT407 Java Programming Lab

BITCTP/HR

Total

196 6 29

DEPARTMENTAL ELECTIVES:

BITDIT402

Linux Programming	2	0	3	4				
BITDIT403R01	Object Oriented Anal	3	1	0	gr	4		
BITDIT404 R01	Theory of Computatic	3	1	0		4		
BITDIT405 R01	Communication Engin	3	1	0		4		
BITDIT406R01	Digital Image Proces	3	1	0		4		

ADDITIONAL COURSES FOR LATERAL ENTRY STUDENTS:

BITDIT401 R01	Object Oriented Prog	3	in 1	i	0	+	4	
BITDIT407 R01	Object Oriented Prog	0	in 0	3			2	

V - Semester

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BITCIT501R01	Design and Analysis of Algorithms	3	1	0	4
BITCIT502	R0 Data Communication & Computer	4	1	0	5
BITCIT503	R0 Digital Signal Processing	3	1	0	4
BITCIT504	R0 Data Base Management Systems	3	1	0	4
BITDIT XXX	DE 3	3	1	0	4
BITDIT XXX	DE 4	3	1	0	4
BITCIT505	R0 Communication & Networks Lab	0	0	3	2
BITCIT506	R0 Data Base Management Systems	0	0	3	2
BITCTP507	HR Skills - III	1	0	0	1

Total

20

6

6

30

DEPARTMENTAL ELECTIVES:

BITDIT501 R01

Cryptography and Network Security 3 1 0 4

BITDIT502 R01 Wireless Communication 3 1 0 4

BITDIT503 R01 Artificial Intelligence 3 1 0 4

BITDIT504 R01 C# Programming 2 0 3 4

BITDIT505 R01 Simulation and Modeling 3 1 0 4

VI - Semester

Subject

Code

Subject

Title

Periods

of Instruction

Credit

Points

L

T

P

BITCIT601 System4 1 0 Software

BITCIT602 Software 3 1 0 Engineering

BITCIT603 Computer 1 0 4 Graphics

BITCIT604 Mobile 3 1 0 Communication

BITDXX)DE 3 1 0 4

BITDXX)DE 3 1 0 4

BITCIT605 System0 0 3 Software & Computer Graphics Lab

BITCIT606 CASE 0 0 3 Lab

BITCTP (HR 5 1 0 1 V

Total

206630

DEPARTMENTAL ELECTIVES:

BITDIT601 R01

	Data Warehousing	3	0	1	0	4	
BITDIT602 R0	Advanced	Internet	Pr	2	0	3	4
BITDIT603 R01	Parallel	Computing	a	3	1	0	4
BITDIT604 R01	Real Time	Systems		3	1	0	4
BITDIT605 R01	Distributed	Systems		3	1	0	4
BITDIT606 R01	Net Centric	Computir		3	1	0	4
BITDMA 607	Resource	Manageme		3	1	0	4

VII - Semester

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BITCIT70	Grid	3	1	0	4	uting
BITCIT 7	Broadband	4	1	0	5	Communications
BITCIT	Soft	3	1	0	4	uting Techniques
BITCIT 7	Component	4	1	0	5	Based Development
BITDIT X DE		3	1	0	4	
BITDIT X DE		3	1	0	4	

BITCIT 7 Comp0e0t3 2 based Development Lab

BITCIT 7 Mini 0P03c2

Total

20 6 6 30

DEPARTMENTAL ELECTIVES:

BITDIT701

	Software	Testing	3	1	0	4			
	BITDIT702	Wireless	Sensor Netw	3	cs	1	0	4	
BITDIT703	R0	Pervasive	Computing	3		1	0	4	
BITDIT704 R01	Embedded	Systems		3		1	0	4	
BITDIT705 R01	Satellite	Communicat		3		1	0	4	
BITDIT706 R01	Ruby	on Rails		2		0	3	4	

VIII - Semester

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BITCIT 801

Project Work

0 0 18 9

BITOXX XXX Open Elective – I 3 0 0 3

BITOXX XXX	Open	Elective – II	3	0	0	3
BITOXX XXX	Open	Elective – III	3	0	0	3
BITOXX XXX	Open	Elective – IV	3	0	0	3

Total

12 0 18 21

TOTAL CREDITS:

SI.NO.

SEMESTER

Regular	Lateral Entry			
1	Semester –I		32	-
2	Semester –II		33	-
3	Semester –III		29	29+6
4	Semester –IV		29	29+6
5	Semester –V		30	30
6	Semester –VI		30	30
7	Semester –VII		30	30
8	Semester –VIII		21	21
TOTAL	CREDITS	234	169+12=181	