



National Institute of Technology Raipur

G.E. Road, Raipur Chhattisgarh - 492010, India

B.Tech. Equivalence Courses List

Branch : COMPUTER SCIENCE & ENGINEERING

CSVТУ Scheme : COMPUTER SCIENCE & ENGINEERING - 2007-2008 [CSVТУ]

Semester : I

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300212(11) - Environmental & Ecology	0020212(CH) - Environment & Ecology	I
2	300114(14) - Applied Maths-I	0020114(MA) - Applied Maths-I	I
3	300213(15) - Applied Physics-II	NON-EQUIVALENT	
4	300211(37) - Engineering Graphics	0020211(ME) - Engineering Graphics	I
5	300215(37) - Basic Mechanical Engineering	NON-EQUIVALENT	
6	300216(20) - Basic Civil Engineering	NON-EQUIVALENT	
7	300222(15) - Applied Physics-II (Lab)	NON-EQUIVALENT	
8	300223(20) - Basic Civil Engineering (Lab)	NON-EQUIVALENT	
9	300224(37) - Engineering Graphics (Lab)	NON-EQUIVALENT	
10	300225(22) - Introduction To Computing (Lab)	NON-EQUIVALENT	
11	300226(46) - Group Discussion	NON-EQUIVALENT	



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Semester : II

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300214(14) - Applied Maths-II	0020214(MA) - Applied Maths-II	II
2	300113(15) - Applied Physics-I	0020113(PH) - Applied Physics	II
3	300111(46) - Language (Professional Communication In English)	NON-EQUIVALENT	
4	300112(11) - Applied Chemistry	0020112(CH) - Applied Chemistry	II
5	300115(24) - Basic Electrical Engineering	0020115(EL) - Basic Electrical Engineering	II
6	300116(37) - Engineering Mechanics	0020116(AM) - Engineering Mechanics	II
7	300121(11) - Applied Chemistry (Lab)	NON-EQUIVALENT	
8	300122(24) - Basic Electrical Engineering (Lab)	NON-EQUIVALENT	
9	300123(37) - Engineering Mechanics (Lab)	NON-EQUIVALENT	
10	300124(37) - Workshop	NON-EQUIVALENT	
11	300125(46) - Communication Skills	NON-EQUIVALENT	



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Semester : III

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300325(46) - Value Education	NON-EQUIVALENT	
2	322311(14) - Mathematics-III	MA20315(CS) - Mathematics - III	III
3	328313(28) - Basic Electronics	NON-EQUIVALENT	
4	328314(28) - Network Analysis And Synthesis	NON-EQUIVALENT	
5	322315(22) - Problem Solving & Logic Building Using C	CS20314(CS) - Problem Solving & Logic Building Using C	III
6	322312(22) - Computer Fundamentals	NON-EQUIVALENT	
7	333312(33) - Digital Electronics & Logic Design	CS20312(CS) - Digital Logic & Design	III
8	322322(22) - Programming With C (Lab)	NON-EQUIVALENT	
9	322324(22) - Web Technology (HTML/DHTML) (Lab)	NON-EQUIVALENT	
10	328322(28) - Basic Electronics (Lab)	NON-EQUIVALENT	
11	333323(33) - Digital Electronics & Logic Design (Lab)	NON-EQUIVALENT	



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Semester : IV

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300425(46) - Health, Hygiene & Yoga	NON-EQUIVALENT	
2	322411(14) - Computational Mathematics	NON-EQUIVALENT	
3	322412(14) - Discrete Structures	MA20414(CS) - Discrete Structure	IV
4	322413(22) - Data Structures	CS20412(CS) - Data Structure	IV
5	322414(22) - Computer Systems Architecture	CS20415(CS) - Computer System Architecture	IV
6	322415(22) - Object Oriented Concepts & Programming Using C++	CS20413(CS) - Object Oriented Concepts & Programming & C++	IV
7	322416(36) - Principles of Management	NON-EQUIVALENT	
8	322421(22) - Data Structures (Lab)	NON-EQUIVALENT	
9	322422(22) - Computer Hardware Simulation (Lab)	NON-EQUIVALENT	
10	322423(22) - Object Oriented Concepts Prog. Using C++ (Lab)	NON-EQUIVALENT	
11	322424(22) - Software Technology (Lab-I)	NON-EQUIVALENT	



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Semester : V

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	328515(28) - Microprocessor & Interfaces	NON-EQUIVALENT	
2	322512(22) - Analysis and Design of Algorithms	NON-EQUIVALENT	
3	322513(22) - Operating System	cs20511(cs - Operating System	V
4	322514(22) - Theory of Computation	cs20515(cs) - Theory of Computation	V
5	322515(28) - Principles of Communication System	NON-EQUIVALENT	
6	322516(22) - Database Management System	cs20512(cs - Database Management System	V
7	300525(46) - Personality Development	NON-EQUIVALENT	
8	322521(22) - Principles of Communication Lab	NON-EQUIVALENT	
9	322522(22) - Database Management System Lab	NON-EQUIVALENT	
10	322523(22) - Software Technology Lab – 2 (Java)	NON-EQUIVALENT	
11	322524(28) - Microprocessor & Interfaces Lab	NON-EQUIVALENT	
12	322526(22) - *Practical Training Evaluation and Library	NON-EQUIVALENT	



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Semester : VI

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	322611(22) - Computer Networks	CS20612(CS) - Computer Network	VI
2	322612(22) - Compiler Design	CS20615(CS) - Compiler Design	VI
3	322613(22) - Unix and Shell Programming	CS20613(CS) - Unix & Shell Programming	VI
4	322614(22) - Software Engineering	CS20614(CS) - Software Engineering	VI
5	322638(22) - Prof. Elective-I (Advance Database Systems)	NON-EQUIVALENT	
6	322634(22) - Prof. Elective-I (Management Information Systems)	NON-EQUIVALENT	
7	300625(36) - Managerial Skills	NON-EQUIVALENT	
8	322621(22) - Computer Networks Lab	NON-EQUIVALENT	
9	322622(22) - Computer Graphics Lab	NON-EQUIVALENT	
10	322623(22) - Software Technology Lab-3	NON-EQUIVALENT	
11	322624(22) - Unix & Shell Programming Lab	NON-EQUIVALENT	
12	322631(22) - Prof. Elective-I (Digital Signal Processing)	NON-EQUIVALENT	
13	322632(22) - Prof. Elective-I (Adv. Microprocessor & Micro Controllers)	NON-EQUIVALENT	
14	322633(33) - Prof. Elective-I (Multimedia & Virtual Reality)	NON-EQUIVALENT	
15	322637(22) - Prof. Elective-I (Logical & Functional Programming)	NON-EQUIVALENT	
16	322635(22) - Prof. Elective-I (Inter Networking with TCP/IP)	NON-EQUIVALENT	
17	322615(22) - Computer Graphics	NON-EQUIVALENT	
18	322636(22) - Prof. Elective-I (Advanced Operating System)	NON-EQUIVALENT	



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Semester : VII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	322711(22) - Internet & Multimedia Technology	NON-EQUIVALENT	
2	322712(22) - Parallel Processor & Computing	NON-EQUIVALENT	
3	322713(22) - Network Programming	CS20712(CS) - Network Programming	VII
4	322714(22) - Operations Research	ma20516(cs) - Operations Research	V
5	322754(22) - Prof. Elective-II (Enterprise Resource Planning)	CS20732(CS) - Enterprise Resource Planning	VII
6	322756(22) - Prof. Elective-II (Fault Tolerant System)	NON-EQUIVALENT	
7	300725(36) - Innovative and Entrepreneurial Skills	NON-EQUIVALENT	
8	322721(22) - Soft Computing Lab	NON-EQUIVALENT	
9	322722(22) - Network Programming Lab	NON-EQUIVALENT	
10	322723(22) - Software Technology Lab-IV	NON-EQUIVALENT	
11	322724(22) - Minor Project	NON-EQUIVALENT	
12	322726(22) - *Practical Training Evaluation / Library	NON-EQUIVALENT	
13	322751(22) - Prof. Elective-II (Digital Image Processing)	NON-EQUIVALENT	
14	322752(22) - Prof. Elective-II (Advanced Computer Architecture)	NON-EQUIVALENT	
15	322753(22) - Prof. Elective-II (ellular Mobile Computing)	NON-EQUIVALENT	
16	322757(22) - Prof. Elective-II (Natural Languages Processing)	NON-EQUIVALENT	
17	322755(22) - Prof. Elective-II (Cryptography & Network Security)	NON-EQUIVALENT	
18	322758(22) - Prof. Elective-II (OODBMS)	NON-EQUIVALENT	



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Semester : VIII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	322811(22) - Artificial Intelligence & Expert Systems	NON-EQUIVALENT	
2	322813(22) - Software Project Management	NON-EQUIVALENT	
3	322871(22) - Prof. Elective-III (Neural Network & Fuzzy Logic)	NON-EQUIVALENT	
4	322881(22) - Open Elective-IV (ERP)	NON-EQUIVALENT	
5	322879(22) - Open Elective - IV (IPR)	NON-EQUIVALENT	
6	322812(22) - Data Mining & Warehousing	CS20812(CS) - Data Mining & Warehousing	VIII
7	322878(22) - Prof. Elective-III (Cyber Crime & Laws)	NON-EQUIVALENT	
8	300825(22) - Report Writing & Seminar	NON-EQUIVALENT	
9	322821(22) - Artificial Intelligence & Expert Systems Lab	NON-EQUIVALENT	
10	322822(22) - Network Security Lab	NON-EQUIVALENT	
11	322823(22) - Software Technology Lab-5	NON-EQUIVALENT	
12	322824(22) - Major Project	NON-EQUIVALENT	
13	322872(22) - Prof. Elective-III (Distributed Parallel Processing)	NON-EQUIVALENT	
14	322873(22) - Prof. Elective-III (Distributed Multimedia)	NON-EQUIVALENT	
15	322874(22) - Prof. Elective-III (Decision Support System)	NON-EQUIVALENT	
16	322875(22) - Prof. Elective-III (Wireless Networks)	NON-EQUIVALENT	
17	322876(22) - Prof. Elective-III (Real Time Systems)	NON-EQUIVALENT	
18	322877(22) - Prof. Elective-III (Pattern Recognition)	NON-EQUIVALENT	