



National Institute of Technology Raipur

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

B.Tech. Equivalence Courses List

Branch : INFORMATION TECHNOLOGY

CSVТУ Scheme : INFORMATION TECHNOLOGY - 2007-2008 [CSVТУ]

Semester : I

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300112(11) - Applied Chemistry	0020112(CH) - Applied Chemistry	I
2	300114(14) - Applied Maths-I	0020114(MA) - Applied Maths-I	I
3	300113(15) - Applied Physics-I	0020113(PH) - Applied Physics	I
4	300111(46) - Language (Professional Communication In English)	NON-EQUIVALENT	
5	300115(24) - Basic Electrical Engineering	0020115(EL) - Basic Electrical Engineering	I
6	300116(37) - Engineering Mechanics	0020116(AM) - Engineering Mechanics	I
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 : II

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300212(11) - Environmental & Ecology	0020212(CH) - Environment & Ecology	II
2	300214(14) - Applied Maths-II	0020214(MA) - Applied Maths-II	II
3	300213(15) - Applied Physics-II	NON-EQUIVALENT	
4	300211(37) - Engineering Graphics	0020211(ME) - Engineering Graphics	II
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 : III

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	322311(14) - Mathematics-III	MA20314(IT) - Mathematics - III	III
2	328313(28) - Basic Electronics	IT20312(IT) - Basic Electronics	III
3	328314(28) - Network Analysis And Synthesis	NON-EQUIVALENT	
4	333311(33) - Fundamentals of IT	NON-EQUIVALENT	
5	333322(33) - Problem Solving & Logic Building Using C (Lab)	NON-EQUIVALENT	
6	333323(33) - Digital Electronics & Logic Design (Lab)	NON-EQUIVALENT	
7	333312(33) - Digital Electronics & Logic Design	NON-EQUIVALENT	
8	300325(46) - Value Education	NON-EQUIVALENT	
9	322315(22) - Problem Solving & Logic Building Using C	NON-EQUIVALENT	
10	333324(33) - Web Technology (Lab)	NON-EQUIVALENT	
11	328322(28) - Basic Electronics (Lab)	NON-EQUIVALENT	



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Semester : IV

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	322411(14) - Computational Mathematics	MA20311(IT) - Computational Mathematics	III
2	322412(14) - Discrete Structures	IT20412(IT) - Discrete Structures	IV
3	322413(22) - Data Structures	IT20313(IT) - Data Structures	III
4	328413(28) - Analog Electronic Circuits	NON-EQUIVALENT	
5	333424(33) - Object Oriented Concepts & Prog Using C++ (Lab)	NON-EQUIVALENT	
6	322416(36) - Principles Of Management	NON-EQUIVALENT	
7	322415(22) - Object Oriented Concepts & Programming Using C++	NON-EQUIVALENT	
8	333423(28) - Analog Electronics Circuits (Lab)	NON-EQUIVALENT	
9	333421(33) - Software Technology (Lab - I)	NON-EQUIVALENT	
10	300425(46) - Health, Hygiene & Yoga	NON-EQUIVALENT	
11	333422(33) - Data Structures (Lab)	NON-EQUIVALENT	



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Semester : V

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	333511(33) - Telecom Switching & Computer Networks	NON-EQUIVALENT	
2	322515(28) - Principles of Communication System	NON-EQUIVALENT	
3	328515(28) - Microprocessor and Interfaces	NON-EQUIVALENT	
4	333512(33) - Computer Organization and Architecture	NON-EQUIVALENT	
5	322513(22) - Operating System	IT20416(IT) - Operating Systems	IV
6	333514(33) - Introduction to JAVA	NON-EQUIVALENT	
7	333521(28) - Microprocessor and Interfaces Lab	NON-EQUIVALENT	
8	333522(33) - Software Technology Lab-2	NON-EQUIVALENT	
9	333523(33) - Telecom Switching & Computer Networks Lab	NON-EQUIVALENT	
10	333524(33) - Principles of Communication Systems Lab	NON-EQUIVALENT	
11	333526(33) - * Practical Training Evaluation and Library	NON-EQUIVALENT	
12	300525(46) - Personality Development	NON-EQUIVALENT	



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Semester : VI

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	333611(33) - DATABASE MANAGEMENT SYSTEM	NON-EQUIVALENT	
2	333612(33) - INFORMATION THEORY & CODING	NON-EQUIVALENT	
3	333613(33) - INTERNET & WEB TECHNOLOGIES	IT603 - Internet & Web Technologies	VI
4	333614(33) - CELLULAR & MOBILE COMPUTING	NON-EQUIVALENT	
5	333615(33) - COMPUTER GRAPHICS	IT 505(IT) - Computer Graphics	V
6	333633(33) - Prof. Elective - I (MULTIMEDIA & VIRTUAL REALITY)	IT609 - Multimedia and virtual Reality	VI
7	322631(22) - Prof. Elective-I (DIGITAL SIGNAL PROCESSING)	NON-EQUIVALENT	
8	333635(33) - Prof Elective - I (ADVANCED COMPUTER NETWORKS)	NON-EQUIVALENT	
9	322636(22) - PROF. ELECTIVE-I (ADVANCED OPERATING SYSTEM)	NON-EQUIVALENT	
10	322632(22) - Prof. Elective-I (ADV. MICROPROCESSORS & MICRO CONTROLLERS)	NON-EQUIVALENT	
11	322637(22) - Prof. Elective-I (LOGICAL & FUNCTIONAL PROGRAMMING)	NON-EQUIVALENT	
12	322638(22) - Prof. Elective-I (Advance Database Systems)	NON-EQUIVALENT	
13	333621(33) - DATABASE MANAGEMENT SYSTEM LAB	NON-EQUIVALENT	
14	333622(33) - VISUAL PROGRAMMING LAB	NON-EQUIVALENT	
15	333623(33) - SOFTWARE TECHNOLOGY LAB -3	NON-EQUIVALENT	
16	333624(33) - COMPUTER GRAPHICS LAB	NON-EQUIVALENT	
17	300625(36) - MANAGERIAL SKILLS	NON-EQUIVALENT	



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Semester : VII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	333711(33) - Software Engineering	NON-EQUIVALENT	
2	333712(33) - Management Information System	NON-EQUIVALENT	
3	333713(33) - E-Commerce	NON-EQUIVALENT	
4	333714(33) - Artificial Intelligence & Expert Systems	IT 702 - Artificial Intelligence & Expert Systems	VII
5	322751(22) - Prof. Elective-II (Digital Image Processing)	IT 703 - Digital Image Processing	VII
6	322752(22) - Prof. Elective-II (Advanced Computer Architecture)	NON-EQUIVALENT	
7	322755(22) - Prof. Elective-II (Cryptography & Network Security)	NON-EQUIVALENT	
8	322756(22) - Prof. Elective-II (Fault Tolerant System)	NON-EQUIVALENT	
9	322757(22) - Prof. Elective-II (Natural Languages Processing)	NON-EQUIVALENT	
10	322758(22) - Prof. Elective-II (OODBMS)	NON-EQUIVALENT	
11	333721(33) - Software Engineering Lab	NON-EQUIVALENT	
12	333722(33) - Artificial Intelligence & Expert Systems Lab	NON-EQUIVALENT	
13	333723(33) - Software Technology Lab -4	NON-EQUIVALENT	
14	333724(33) - Minor - Project	NON-EQUIVALENT	
15	300725(36) - Innovative and Entrepreneurial Skills	NON-EQUIVALENT	
16	333726(33) - *Practical Training Evaluation /Library	NON-EQUIVALENT	
17	333753(33) - Prof. Elective-II (Multimedia and Communications)	NON-EQUIVALENT	



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Semester : VIII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	333811(33) - Data Mining & Ware Housing	IT 801 - Data Mining & Ware Housing	VIII
2	333812(33) - Enterprise Resource Planning	NON-EQUIVALENT	
3	333813(33) - Neural Network and Fuzzy Logic	IT610 - Neural Network and fuzzy	VI
4	322872(22) - Prof. Elective-III (Distributed Parallel Processing)	NON-EQUIVALENT	
5	322878(22) - Prof. Elective-III (Cyber Crime & Laws)	NON-EQUIVALENT	
6	333881(33) - Open Elective-IV (Proj. Planning Mgt. & Evalution)	NON-EQUIVALENT	
7	333882(33) - Open Elective-IV (Real Time System)	NON-EQUIVALENT	
8	322873(22) - Prof. Elective-III (Distributed Multimedia)	NON-EQUIVALENT	
9	322874(22) - Prof. Elective-III (Decision Support System)	NON-EQUIVALENT	
10	322875(22) - Prof. Elective-III (Wireless Networks)	NON-EQUIVALENT	
11	333821(33) - Simulation Lab	NON-EQUIVALENT	
12	333822(33) - Software Technology Lab - V	NON-EQUIVALENT	
13	333823(33) - Neural Network Lab	NON-EQUIVALENT	
14	333824(33) - Major Project	NON-EQUIVALENT	
15	333825(33) - Report Writing & Seminar	NON-EQUIVALENT	