



National Institute of Technology Raipur

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

B.Tech. Equivalence Courses List

Branch : ELECTRONICS & TELECOMMUNICATION ENGINEERING

CSVТУ Scheme : ELECTRONICS & TELECOMMUNICATION ENGG - 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	328311(14) - Mathematics-III	NON-EQUIVALENT	
2	328312(14) - Numerical Analysis	NON-EQUIVALENT	
3	328313(28) - Basic Electronics	ET20316(ET) - Devices and Circuits - I	III
4	328314(28) - Network Analysis and Synthesis	ET20315(ET) - Network Analysis and Synthesis	III
5	328315(28) - Solid State Devices and Components	NON-EQUIVALENT	
6	328316(28) - Programming with C	NON-EQUIVALENT	
7	328321(28) - Network Analysis and Synthesis (Lab)	NON-EQUIVALENT	
8	328322(28) - Basic Electronics (Lab)	ET20322(ET) - Devices and Circuits - I (Lab)	III
9	328323(28) - Programming With C (Lab)	NON-EQUIVALENT	
10	328324(28) - Electronics Workshop	NON-EQUIVALENT	
11	300325(46) - Value Education	NON-EQUIVALENT	



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Semester : IV

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300425(46) - Health, Hygiene & Yoga	NON-EQUIVALENT	
2	328411(14) - Mathematics - IV	NON-EQUIVALENT	
3	328412(24) - Electrical Machines	NON-EQUIVALENT	
4	328413(28) - Analog Electronic Circuits	EC20415(EC) - Devices and Circuits - II	IV
5	328414(28) - Digital Electronic Circuits	NON-EQUIVALENT	
6	328415(28) - Signals & Systems	NON-EQUIVALENT	
7	328416(28) - Industrial Transducers & Sensors	NON-EQUIVALENT	
8	328421(28) - Analog Electronic Circuits (Lab)	EC20422(EC) - Devices and Circuits - II Lab	IV
9	328423(28) - Programming Lab (C++ Language)	NON-EQUIVALENT	
10	328424(28) - Industrial Transducers & Sensors (Lab)	NON-EQUIVALENT	
11	328422(28) - Digital Electronic Circuits (Lab)	NON-EQUIVALENT	



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Semester : V

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300525(46) - Personality Development	NON-EQUIVALENT	
2	328511 (28) - Linear Integrated Circuits & Applications	EC501 - Analog Integrated Circuit and Application	V
3	328512 (28) - Industrial Instrumentation	NON-EQUIVALENT	
4	328513 (28) - Electromagnetics Waves & Antennas	NON-EQUIVALENT	
5	328514 (28) - Communication System - I	NON-EQUIVALENT	
6	328515(28) - Microprocessor & Interfaces	NON-EQUIVALENT	
7	328516 (28) - Automatic Control System	EC502 - Automatic Control System	V
8	328521 (28) - Linear Integrated Circuits & Applications Lab	EC592 - Analog Integrated Circuit Lab	V
9	328522 (28) - Communication System - I Lab	NON-EQUIVALENT	
10	328523 (28) - Microprocessor & Interfaces Lab	NON-EQUIVALENT	
11	328524 (28) - Simulation Lab	NON-EQUIVALENT	
12	328526 (28) - *Practical Training Evaluation and Library	NON-EQUIVALENT	



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Semester : VI

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300625(36) - MANAGERIAL SKILLS	NON-EQUIVALENT	
2	328611(28) - COMMUNICATION HARDWARE DESIGN	NON-EQUIVALENT	
3	328612(28) - ADVANCED ELECTRONIC CIRCUITS	NON-EQUIVALENT	
4	328613(28) - ADVANCED MICROPROCESSOR & INTERFACING	NON-EQUIVALENT	
5	328614(28) - DIGITAL SIGNAL PROCESSING	NON-EQUIVALENT	
6	328615(28) - COMMUNICATION SYSTEM -II	NON-EQUIVALENT	
7	328621(28) - ADVANCED ELECTRONIC CIRCUIT LAB	NON-EQUIVALENT	
8	328622(28) - ADVANCED MICROPROCESSOR & INTERFACING LAB	NON-EQUIVALENT	
9	328623(28) - DIGITAL SIGNAL PROCESSING LAB	NON-EQUIVALENT	
10	328624(28) - COMMUNICATION SYSTEM -II LAB	NON-EQUIVALENT	
11	328632(28) - PROF. ELECTIVE – I (COMPUTER NETWORK)	ET20611 - Data Communication and Networking	VI
12	328633(28) - Prof. Elective-I (Medical Electronics)	NON-EQUIVALENT	
13	328634(28) - Prof. Elective-I (INDUSTRIAL POWER ELECTRONICS)	NON-EQUIVALENT	
14	328635(28) - Prof. Elective-I (ACTIVE NETWORK SYNTHESIS)	NON-EQUIVALENT	
15	328636(28) - Prof. Elective-I (COMPUTER ORGANISATION & ARCHITECTURE)	NON-EQUIVALENT	
16	328637(28) - Prof. Elective-I (ADVANCED SEMICONDUCTOR DEVICES)	NON-EQUIVALENT	
17	328638(28) - Prof. Elective-I(Probability Random Variable & Stoc Process)	NON-EQUIVALENT	



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Semester : VI

SrNo	CSVТУ COURSES	NIT COURSES	Semester
18	328631(28) - Prof. Elective-I (TELECOM. SWITCHING CIRCUITS & NETWORKS)	NON-EQUIVALENT	



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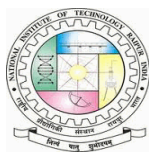
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Semester : VII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300725(36) - Innovative and Entrepreneurial Skills	NON-EQUIVALENT	
2	328711(28) - Mobile & Cellular Communication	NON-EQUIVALENT	
3	328712(28) - Microwave Radar Engineering	NON-EQUIVALENT	
4	328713(28) - Microcontroller & Embedded System	NON-EQUIVALENT	
5	328714(28) - Satellite Communication	NON-EQUIVALENT	
6	328721(28) - Advanced Signal Processing Laboratory	NON-EQUIVALENT	
7	328722(28) - Microwave Engg. & Radar Lab	NON-EQUIVALENT	
8	328723(28) - Microcontroller & Embedded System Lab	NON-EQUIVALENT	
9	328724(28) - Minor Project	NON-EQUIVALENT	
10	328726(28) - **Practical Training Evaluation and Library	NON-EQUIVALENT	
11	328751(28) - Prof. Elective-II (Electronic Instrumentation & Automation)	NON-EQUIVALENT	
12	328753(28) - Prof. Elective-II (Consumer Electronics)	NON-EQUIVALENT	
13	328754(28) - Prof. Elective-II (Neural Network & Fuzzy Logic)	NON-EQUIVALENT	
14	328755(28) - Prof. Elective-II (Advanced Solid State Devices)	NON-EQUIVALENT	
15	328756(28) - Prof. Elective-II (Speech Signal Preccessing)	NON-EQUIVALENT	
16	328757(28) - Prof. Elective-II (Artificial Intelligence & Expert Systems)	NON-EQUIVALENT	
17	328752(28) - Prof. Elective-II (Cryptography & Secure Communication)	ET20737 - Cryptography and Network Security	VII



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Semester : VIII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300825(28) - Report Writing & Seminar	NON-EQUIVALENT	
2	328811(28) - Optical Communication	NON-EQUIVALENT	
3	328812(28) - VLSI Design	NON-EQUIVALENT	
4	328813(28) - Information Theory & Coding	NON-EQUIVALENT	
5	328821(28) - Optical Communication Lab	NON-EQUIVALENT	
6	328822(28) - VLSI Design Lab	NON-EQUIVALENT	
7	328823(28) - System Simulation & Design Lab	NON-EQUIVALENT	
8	328824(28) - Major Project	NON-EQUIVALENT	
9	328871(28) - Prof. Elective-III (Video Transmission & Reception)	NON-EQUIVALENT	
10	328872(28) - Prof. Elective-III (Radar Engineering & Navigational Aids)	NON-EQUIVALENT	
11	328873(28) - Prof. Elective-III (Industrial & Power Electronics)	NON-EQUIVALENT	
12	328874(28) - Prof. Elective-III (DSP Processors & Applications)	NON-EQUIVALENT	
13	328875(28) - Prof. Elective-III (Micro-Electro. Devices & VLSI Technology)	NON-EQUIVALENT	
14	328876(28) - Prof. Elective-III (Industrial Automation)	NON-EQUIVALENT	
15	328877(28) - Prof. Elective-III (Digital Image Processing)	NON-EQUIVALENT	
16	328878(28) - Prof. Elective-III (EMD System Theory)	NON-EQUIVALENT	
17	328881(28) - Open Elective-IV (Ad. Digital Communication)	NON-EQUIVALENT	
18	328882(28) - Open Elective-IV (Real Time Embedded Systems)	NON-EQUIVALENT	