



National Institute of Technology Raipur

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

B.Tech. Equivalence Courses List

Branch : MINING ENGINEERING

CSVТУ Scheme : MINING 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	300112(11) - Applied Chemistry	0020112(CH) - Applied Chemistry	II
4	300111(46) - Language (Professional Communication in English)	NON-EQUIVALENT	
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	339311(20) - Mechanics of Solids & Fluid Mechanics	CI20311(MI) - Mechanics of Solids & Fluids	III
2	339316(39) - Introduction to Mining	MI20316(MI) - Introduction to Mining	III
3	339314(39) - Mining Surveying-I	MI20314(MI) - Mining Surveying - I	III
4	339313(39) - Mining Geology-I	AG20313(MI) - Geology - I	III
5	300311(14) - Mathematics-III	MA20315(MI) - Mathematics - III	III
6	328316(28) - Programming with C	CS20312(MI) - Programming with C	III
7	300325(46) - Value Education	NON-EQUIVALENT	
8	339321(39) - Introduction to Mining (Lab)	NON-EQUIVALENT	
9	339322(39) - Mining Geology-I (Lab)	NON-EQUIVALENT	
10	339323(39) - Mine Surveying-I (Lab)	NON-EQUIVALENT	
11	339324(28) - Programming with C (Lab)	NON-EQUIVALENT	



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Semester : IV

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	339412(39) - Engineering Materials	MI20412(MI) - Engineering Materials	IV
2	339411(39) - Mine Environment - I	MI20411(MI) - Mining Environment - I	IV
3	339413(24) - Basic Electrical Engineering	NON-EQUIVALENT	
4	339414(39) - Mining Geology - II	AG20414(MI) - Geology - II	IV
5	339415(39) - Underground Coal Mining	MI20415(MI) - Underground Coal Mining	IV
6	339416(28) - Basic Electronics & Instrumentation	NON-EQUIVALENT	
7	339421(39) - Mining Geology - II (Lab)	NON-EQUIVALENT	
8	339422(39) - Mine Environment - I (Lab)	NON-EQUIVALENT	
9	339423(24) - Basic Electrical Engineering (Lab)	NON-EQUIVALENT	
10	339424(39) - Underground Coal Mining (Lab)	NON-EQUIVALENT	
11	300425(46) - Health, Hygiene & Yoga	NON-EQUIVALENT	



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Semester : V

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	339513 (39) - Mine Legislation – I	MI20513(MI) - Mining Legislation & Safety-I	V
2	339516 (39) - Mine Machinery – I	MI20516(MI) - Mining Machinery-I	V
3	339515 (39) - Surface Mining – I	NON-EQUIVALENT	
4	339512 (39) - Mine Survey – II	MI20512(MI) - Mining Survey-II	V
5	339514 (39) - Under Ground Metal Mining	MI20514(MI) - Underground Metal Mining	V
6	339511 (22) - Numerical Analysis & Computer Programming	MA20511(MI) - Numerical Analysis & Computer Prog.	V
7	339521 (39) - Mine Machinery – I Lab	NON-EQUIVALENT	
8	339522 (22) - Numerical Analysis & Computer Programming Lab	MI20523(MI) - Numerical Analysis & Computer Prog. Lab	V
9	339523 (39) - Surface Mining – I Lab	NON-EQUIVALENT	
10	339524 (39) - Mine Survey- II Lab	NON-EQUIVALENT	
11	300525(46) - Personality Development	NON-EQUIVALENT	
12	339526 (39) - * Practical Training Evaluation and Library	NON-EQUIVALENT	
13	xxx - Library	NON-EQUIVALENT	



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Semester : VI

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300625(36) - MANAGERIAL SKILLS	NON-EQUIVALENT	
2	339611(39) - BLASTING ENGG.	NON-EQUIVALENT	
3	339612(39) - MINE ENVIRONMENT -II	MI20611(MI) - Mining Environment-II	VI
4	339613(39) - MINE MACHINERY - II	MI20613(MI) - Mining Machinery-II	VI
5	339614(39) - MINE LEGISLATION-II	MI20614(MI) - Mining Legislation & Safety-II	VI
6	339615(39) - MINERAL DRESSING	MI20612(MI) - Mineral Processing	VI
7	339621(39) - BLASTING ENGG. LAB	NON-EQUIVALENT	
8	339622(39) - MINE ENVIRONMENT -II LAB	NON-EQUIVALENT	
9	339623(39) - MINERAL DRESSING LAB	NON-EQUIVALENT	
10	339624(39) - MINING MACHINERY -II LAB	NON-EQUIVALENT	
11	339631(39) - PROF. ELECTIVE - I (MINE MANAGEMENT)	MI20616(MI) - Mining Management	VI
12	339632(39) - Prof. Elective-I (SMALL SCALE & DIMENSIONAL STONE MINING)	NON-EQUIVALENT	



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Semester : VII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300725(36) - Innovative and Entrepreneurial Skills	NON-EQUIVALENT	
2	339711(39) - Mine Economics	NON-EQUIVALENT	
3	339712(39) - Mine Surveying -III	NON-EQUIVALENT	
4	339713(39) - Rock Mechanics	MI20711(MI) - Rock Mechanics	VII
5	339714(39) - Mine Environment -III	NON-EQUIVALENT	
6	339721(39) - Mine Surveying -III Lab	NON-EQUIVALENT	
7	339722(39) - Rock Mechanics Lab	NON-EQUIVALENT	
8	339723(39) - Mine Environment -III Lab	NON-EQUIVALENT	
9	339724(39) - Minor Project	NON-EQUIVALENT	
10	339726(39) - **Practical Training / Library	NON-EQUIVALENT	
11	339752(39) - Prof. Elective-II (Industrial Engg.)	NON-EQUIVALENT	
12	339751(39) - Prof. Elective-II (Mine Planning)	NON-EQUIVALENT	



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Semester : VIII

SrNo	CSVТУ COURSES	NIT COURSES	Semester
1	300825(39) - Report Writing & Seminar	NON-EQUIVALENT	
2	339811(39) - Pollution Control Engg.	NON-EQUIVALENT	
3	339812(39) - Mining Machinery -III	MI20812(MI) - Mining Machinery - III	VIII
4	339813(39) - Strata Control	NON-EQUIVALENT	
5	339821(39) - Mining Machinery -III Lab	NON-EQUIVALENT	
6	339822(39) - Strata Control Lab	NON-EQUIVALENT	
7	339823(39) - Pollution Control Engg. Lab	NON-EQUIVALENT	
8	339824(39) - Major Project	NON-EQUIVALENT	
9	339871(39) - Prof. Elective-III (Surface Mining -II)	NON-EQUIVALENT	
10	339872(39) - Prof. Elective-III (In.Sy GIS & Remote Sens. (RS) in Mining)	NON-EQUIVALENT	
11	339881(39) - Open Elective-IV (Disaster Management)	NON-EQUIVALENT	