



NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
GRADE CARD
BACHELOR OF TECHNOLOGY

Name : **MANISH HOTA** Branch : **MINING ENGINEERING** AY 2010-11 Graduated : **AY 2013-14**
Roll No. : **110MN0614**

| 1st Semester | | | | |
|---------------------------|------------------------------------|-----------|---|-------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| CE 130 | Environment and Safety Engineering | 3-1-0 | 4 | B |
| CY 101 | Chemistry | 3-1-0 | 4 | B |
| EC 100 | Basic Electronics Engineering | 3-1-0 | 4 | Ex |
| MA 101 | Mathematics - I | 3-1-0 | 4 | A |
| PH 101 | Physics I | 3-1-0 | 4 | B |
| CE 171 | Engineering Drawing | 0-0-3 | 2 | Ex |
| CS 171 | Computing Laboratory - I | 0-0-3 | 2 | A |
| CY 170 | Chemistry Laboratory | 0-0-3 | 2 | A |
| WS 171 | Workshop Practice I | 0-0-3 | 2 | Ex |
| EA 171 | NCC-I | 0-0-3 | 2 | C |
| Semester Credits : | | 30 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 30 | Cummulative Grade Point Average (CGPA) : | |
| | | | 8.73 | |
| | | | 8.73 | |

| 2nd Semester | | | | |
|---------------------------|------------------------------------|-----------|---|-------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| CE 100 | Engineering Mechanics | 3-1-0 | 4 | A |
| CS 102 | Data Structures and Algorithm | 3-1-0 | 4 | C |
| EE 100 | Basic Electrical Engineering | 3-1-0 | 4 | A |
| MA 102 | Mathematics - II | 3-1-0 | 4 | A |
| PH 102 | Physics II | 3-1-0 | 4 | A |
| CS 172 | Computing Laboratory - II | 0-0-3 | 2 | A |
| ME 170 | Machine Drawing and Solid Modeling | 0-0-3 | 2 | Ex |
| PH 170 | Physics Laboratory | 0-0-3 | 2 | A |
| WS 172 | Workshop Practice II | 0-0-3 | 2 | Ex |
| EA 172 | NCC-II | 0-0-3 | 2 | D |
| Semester Credits : | | 30 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 60 | Cummulative Grade Point Average (CGPA) : | |
| | | | 8.67 | |
| | | | 8.70 | |

| 3rd Semester | | | | |
|---------------------------|---|-----------|---|-------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MA 201 | Mathematics - III | 3-1-0 | 4 | A |
| MN 201 | Mine Development | 3-1-0 | 4 | B |
| CE 203 | Mechanics of Solids | 3-0-0 | 3 | Ex |
| ME 417 | Control System Engineering | 3-0-0 | 3 | A |
| MN 207 | Mining Geology | 3-0-0 | 3 | A |
| CE 273 | Mechanics of Solids Laboratory | 0-0-3 | 2 | A |
| EE 270 | Electrical Engineering Laboratory-I | 0-0-3 | 2 | B |
| HS 270 | Language Laboratory | 0-0-3 | 2 | C |
| MN 273 | Mining Geology and Exploration Laboratory | 0-0-3 | 2 | Ex |
| Semester Credits : | | 25 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 85 | Cummulative Grade Point Average (CGPA) : | |
| | | | 8.80 | |
| | | | 8.73 | |

| 4th Semester | | | | |
|---------------------------|------------------------------|------------|---|-------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MA 202 | Mathematics - IV | 3-1-0 | 4 | C |
| MN 202 | Mine Surveying | 3-1-0 | 4 | Ex |
| MN 421 | Rock Slope Technology | 3-1-0 | 4 | Ex |
| CY 232 | Chemical Kinetics | 3-0-0 | 3 | A |
| MN 204 | Mining Machinery | 3-0-0 | 3 | Ex |
| EC 270 | Basic Electronics Laboratory | 0-0-3 | 2 | A |
| MA 270 | Numerical Methods Laboratory | 0-0-3 | 2 | A |
| MN 271 | Mine Surveying Laboratory | 0-0-3 | 2 | A |
| MN 274 | Mining Machinery Laboratory | 0-0-3 | 2 | A |
| Semester Credits : | | 26 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 111 | Cummulative Grade Point Average (CGPA) : | |
| | | | 9.12 | |
| | | | 8.82 | |

Name : **MANISH HOTA**
Roll No. : **110MN0614**

Branch : **MINING ENGINEERING**
Joined : **AY 2010-11** Graduated : **AY 2013-14**

| 5th Semester | | | | |
|---------------------------|--|------------|---|-------------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MN 311 | Surface Mining Technology | 3-1-0 | 4 | Ex |
| MN 321 | Rock Mechanics | 3-1-0 | 4 | A |
| ME 231 | Total Quality Management | 3-0-0 | 3 | A |
| MN 303 | Material Handling Systems | 3-0-0 | 3 | A |
| MN 331 | Solid Fuel Technology | 3-0-0 | 3 | B |
| MN 371 | Rock Mechanics Laboratory | 0-0-3 | 2 | A |
| MN 373 | Mineral Processing Technology Laboratory | 0-0-3 | 2 | C |
| MN 375 | Material Handling Systems Laboratory | 0-0-3 | 2 | A |
| MN 377 | Solid Fuel Technology Laboratory | 0-0-3 | 2 | A |
| Semester Credits : | | 25 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 136 | Cummulative Grade Point Average (CGPA) : | |
| | | | | 8.88 |
| | | | | 8.83 |

| 6th Semester | | | | |
|---------------------------|---|------------|---|-------------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MN 304 | Computer Application in Mining | 3-1-0 | 4 | Ex |
| MN 313 | Underground Mining Technology | 3-1-0 | 4 | B |
| MN 322 | Geomechanics | 3-1-0 | 4 | B |
| MN 330 | Mine Ventilation | 3-1-0 | 4 | A |
| ME 436 | Entrepreneurship | 3-0-0 | 3 | A |
| MN 370 | Mine Ventilation Laboratory | 0-0-3 | 2 | Ex |
| MN 372 | Computer Application in Mining Laboratory | 0-0-3 | 2 | C |
| MN 374 | Geomechanics Laboratory | 0-0-3 | 2 | A |
| MN 376 | Model Preparation Laboratory | 0-0-3 | 2 | C |
| Semester Credits : | | 27 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 163 | Cummulative Grade Point Average (CGPA) : | |
| | | | | 8.63 |
| | | | | 8.80 |

| 7th Semester | | | | |
|---------------------------|--|------------|---|-------------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MN 415 | Advanced Metalliferous Mining | 3-1-0 | 4 | A |
| MN 431 | Mine Environmental Engineering | 3-1-0 | 4 | B |
| MN 441 | Mine Legislation and Safety Engineering | 3-1-0 | 4 | C |
| HS 311 | Communicative English. | 3-0-0 | 3 | C |
| MN 471 | Mine Environmental Engineering Laboratory | 0-0-3 | 2 | B |
| MN 473 | Simulation and Modeling of Mine Systems Laboratory | 0-0-3 | 2 | A |
| MN 491 | Research Project - I | 0-0-6 | 4 | A |
| MN 495 | Short term Industrial/Research Experience | 0-0-3 | 2 | Ex |
| MN 493 | Seminar and Technical Writing - I | 0-0-3 | 2 | A |
| Semester Credits : | | 27 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 190 | Cummulative Grade Point Average (CGPA) : | |
| | | | | 8.33 |
| | | | | 8.73 |

| 8th Semester | | | | |
|---------------------------|-------------------------------------|------------|---|-------------|
| Subject Code | Subject Name | L-T-P | Credits | Grade |
| MN 400 | Mine Planning | 3-1-0 | 4 | A |
| MN 632 | Environmental Management | 3-1-0 | 4 | B |
| HS 418 | Language and Writing | 3-0-0 | 3 | A |
| MN 435 | Eco-friendly Mining | 3-0-0 | 3 | A |
| MN 472 | Mine Planning and Design Laboratory | 0-0-3 | 2 | Ex |
| MN 492 | Research Project - II | 0-0-9 | 6 | A |
| MN 494 | Seminar and Technical Writing - II | 0-0-3 | 2 | A |
| MN 496 | Comprehensive Viva-Voce | 0-0-0 | 2 | A |
| Semester Credits : | | 26 | Semester Grade Point Average (SGPA) : | |
| Total Credits : | | 216 | Cummulative Grade Point Average (CGPA) : | |
| | | | | 8.92 |
| | | | | 8.75 |

| REMARKS : | Performance | Grade | Grade Point | Performance | Grade | Grade Point |
|-----------|-------------|-------|-------------|-----------------------|-------|-------------|
| | Excellent | Ex | 10 | Fair | C | 7 |
| | Very Good | A | 9 | Incomplete Assessment | D | 6 |
| | Good | B | 8 | Debarred | P | 5 |

| REMARKS : | Performance | Grade | Grade Point | Performance | Grade | Grade Point |
|-----------|-------------|-------|-------------|-----------------------|-------|-------------|
| | | | | Fail | F | 2 |
| | | | | Incomplete Assessment | I | - |
| | | | | Debarred | X | 0 |

Date : 02-JUN-2014

COMPILED BY

Assistant Registrar (Academic)
(ACADEMIC)

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