

Scheme of  
UNDERGRADUATE DEGREE COURSE

Mining Engineering



Rajasthan Technical University, Kota  
Effective from session: 2018 – 2019



**Teaching & Examination Scheme  
B.Tech. : Mining Engineering  
2<sup>nd</sup> Year - IV Semester**

| THEORY                       |            |                     |   |                  |   |    |         |     |     |             |             |
|------------------------------|------------|---------------------|---|------------------|---|----|---------|-----|-----|-------------|-------------|
| SN                           | Category   | Course              |   | Contact hrs/week |   |    | Marks   |     |     |             | Cr          |
|                              |            | Code                | Title   | L                | T | P  | Exm Hrs | IA  | ETE | Total       |             |
| 1                            | BSC        | 4MI2-01             | Advanced Engineering Mathematics-II                                       | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 2                            | HSMC       | 4MI1-03/<br>4MI1-02 | Managerial Economics and Financial Accounting/<br>Technical Communication | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 3                            | ESC        | 4MI3-04             | Fluid Mechanics   | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 4                            | PCC        | 4MI4-05             | Electrical Engineering  | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 5                            |            | 4MI4-06             | Strata Control  | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 6                            |            | 4MI4-07             | Mining Geology II   | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 7                            |            | 4MI4-08             | Mine Development  | 2                | 0 | 0  | 2       | 20  | 80  | <b>100</b>  | <b>2</b>    |
| 8                            |            | 4MI4-09             | Mine Surveying – I  | 3                | 0 | 0  | 3       | 30  | 120 | <b>150</b>  | <b>3</b>    |
| <b>Sub Total</b>             |            |                     |   | 17               | 0 | 0  |         | 170 | 680 | <b>850</b>  | <b>17</b>   |
| PRACTICAL & SESSIONAL        |            |                     |   |                  |   |    |         |     |     |             |             |
| 9                            | PCC        | 4MI4-21             | Electrical Engineering  | 0                | 0 | 2  |         | 30  | 20  | <b>50</b>   | <b>1</b>    |
| 10                           |            | 4MI4-22             | Mine Computing Lab- I   | 0                | 0 | 2  |         | 30  | 20  | <b>50</b>   | <b>1</b>    |
| 11                           |            | 4MI4-23             | Mining Geology II   | 0                | 0 | 3  |         | 45  | 30  | <b>75</b>   | <b>1.5</b>  |
| 12                           |            | 4MI4-24             | Mine Development  | 0                | 0 | 2  |         | 30  | 20  | <b>50</b>   | <b>1</b>    |
| 13                           |            | 4MI4-25             | Mine Surveying – I  | 0                | 0 | 3  |         | 45  | 30  | <b>75</b>   | <b>1.5</b>  |
| 14                           | SODE<br>CA | 4MI8-00             | Social Outreach, discipline, Extra Curricular Activities                  | 0                | 0 | 0  |         | 0   | 0   | <b>25</b>   | <b>0.5</b>  |
| <b>Sub- Total</b>            |            |                     |   | 0                | 0 | 12 |         | 180 | 120 | <b>325</b>  | <b>6.5</b>  |
| <b>TOTAL OF IV SEMEESTER</b> |            |                     |   | 17               | 0 | 12 |         | 350 | 800 | <b>1175</b> | <b>23.5</b> |

**L:** Lecture, **T:** Tutorial, **P:** Practical, **Cr:** Credits

**ETE:** End Term Exam, **IA:** Internal Assessment