



## DEPARTMENT OF MINING ENGINEERING

COLLEGE OF TECHNOLOGY AND ENGINEERING: UDAIPUR

(Maharana Pratap University of Agriculture and Technology, Udaipur- 313001)

### E-content: Significant material of various subjects for B. Tech, and M. Tech Mining Engineering students

S.No.	Subject Name & Teacher name	Subject type	Type of material	Link and Reference
1.	MI 322 Dimensional Stone Mining Teacher: Dr. S.C. Jain	Theory	Class Notes (PDF)	<a href="https://drive.google.com/file/d/1PpSJ70KVcunt3c_NgvFSGt5UjFTE_YH/view?usp=sharing">https://drive.google.com/file/d/1PpSJ70KVcunt3c_NgvFSGt5UjFTE_YH/view?usp=sharing</a>  Source: <ul style="list-style-type: none"><li>• Rathore SS, BhardwajGS &amp; Jain SC, Dimensional Stone Technology, Himanshu Publication, NewDelhi</li><li>• Italian Project Report of R&amp;D Project Technical Research and efficiency Tests on Advanced Italian Technologies in India</li><li>• Photographs taken at Morwad Mines of M/s R.K. Marble Mines</li><li>• Jigar Patel, M.Tech.Project Report on Controlled Blasting in Marble Mining</li><li>• <a href="https://www.slideshare.net">https://www.slideshare.net</a></li></ul>
2.	MI 422 Mine Planning and Design Teacher: Dr. S.C. Jain	Theory	Class Notes (PDF)	<a href="https://drive.google.com/file/d/1ZErmHjOwPT2onUQyILPg7CWe5rFWcKsn/view?usp=sharing">https://drive.google.com/file/d/1ZErmHjOwPT2onUQyILPg7CWe5rFWcKsn/view?usp=sharing</a>  Source: <ul style="list-style-type: none"><li>• SME</li><li>• <a href="https://www.slideshare.net/sou_suk_sou/concept-of-oc-mine-planning-designfinal?qid=eef706acc-54d5-43e5-8c0e-ed478a5cf4cb&amp;v=&amp;b=&amp;from_search=7">https://www.slideshare.net/sou_suk_sou/concept-of-oc-mine-planning-designfinal?qid=eef706acc-54d5-43e5-8c0e-ed478a5cf4cb&amp;v=&amp;b=&amp;from_search=7</a></li><li>• <a href="https://www.slideshare.net/fdsdhgfjsfjhs/2-surface-mine-planning?qid=6e6b3998-4743-4c50-8ed5-55e91666f16b&amp;v=&amp;b=&amp;from_search=1">https://www.slideshare.net/fdsdhgfjsfjhs/2-surface-mine-planning?qid=6e6b3998-4743-4c50-8ed5-55e91666f16b&amp;v=&amp;b=&amp;from_search=1</a></li></ul>
3.	MIP 623 Rock Slope Engineering Teacher: Dr. S.C. Jain	Theory	Class Notes (PPT)	<a href="https://drive.google.com/file/d/1zSsGR9k8xkAASLTEmkXG2OSpFIYYitj/view?usp=sharing">https://drive.google.com/file/d/1zSsGR9k8xkAASLTEmkXG2OSpFIYYitj/view?usp=sharing</a>  Source: <ul style="list-style-type: none"><li>• Rock Slope Engineering by Duncan C. Wyllie and Christopher W. Mah</li></ul>

				<ul style="list-style-type: none"> <li>• <a href="https://www.slideshare.net/sankarsulimella/slopestability?qid=1e1f5f42-5d1e-498b-bfd4-416fc1f139b2&amp;v=&amp;b=&amp;from_search=2">https://www.slideshare.net/sankarsulimella/slopestability?qid=1e1f5f42-5d1e-498b-bfd4-416fc1f139b2&amp;v=&amp;b=&amp;from_search=2</a></li> </ul>
4.	MI 323 Underground Metaliferrous Mining  Teacher: Dr. Anupam Bhatnagar	Theory	Class Notes (PDF)	<a href="https://drive.google.com/file/d/1f3QxZPM4LzUjq70N9NZNvNICeiwoVxjA/view?usp=sharing">https://drive.google.com/file/d/1f3QxZPM4LzUjq70N9NZNvNICeiwoVxjA/view?usp=sharing</a>  Source: <ol style="list-style-type: none"> <li>1. U/g Mining Method , S. M. E. Publications</li> <li>2. Elements of Mining by Deshmukh</li> <li>3. Introductory Mining Engineering by Hartman</li> <li>4. Design &amp; operation of caving &amp; S/L stopping by Steward</li> <li>5. Society of mining engineers H/B</li> <li>6. Operating H/B of U/g mining by Chironis</li> <li>7. And other open e-sources</li> </ol>
5.	MI 422 Mine Planning and Design  Topic: Underground Mine planning  Teacher: Dr. Anupam Bhatnagar	Theory	Class Notes (PDF of powerpoint presentation)	<a href="https://drive.google.com/file/d/1WAlhJdOOQPR-MwTJI1P0Y9EEs6lkKI-A/view?usp=sharing">https://drive.google.com/file/d/1WAlhJdOOQPR-MwTJI1P0Y9EEs6lkKI-A/view?usp=sharing</a>  Source: <ol style="list-style-type: none"> <li>1. U/g Mining Method , S. M. E. Publications</li> <li>2. Elements of Mining by Deshmukh</li> <li>3. Introductory Mining Engineering by Hartman</li> <li>4. Design &amp; operation of caving &amp; S/L stopping by Steward</li> <li>5. Society of mining engineers H/B</li> <li>6. Operating H/B of U/g mining by Chironis</li> </ol>
6.	MIP 522 Project Management in Mines  Topic: HRD Management  Teacher: Dr. Anupam Bhatnagar	Theory	Class Notes (PDF of powerpoint presentation)	<a href="https://drive.google.com/file/d/1w2yOLgw0lf3nsUKEbhmnzqLiK--OVv_N/view?usp=sharing">https://drive.google.com/file/d/1w2yOLgw0lf3nsUKEbhmnzqLiK--OVv_N/view?usp=sharing</a>  Source: <ol style="list-style-type: none"> <li>1. Online - Management Study Guide (<a href="http://www.managementstudyguide.com/">http://www.managementstudyguide.com/</a>) Article: Human Resource Management (HRM), P.20</li> <li>2. <a href="https://shodhganga.inflibnet.ac.in/bitstream/10603/76404/10/10_chapter%201.pdf">https://shodhganga.inflibnet.ac.in/bitstream/10603/76404/10/10_chapter%201.pdf</a></li> <li>3. <a href="https://www.slideshare.net/srinidhiraman/human-resource-management-ppt-43320777">https://www.slideshare.net/srinidhiraman/human-resource-management-ppt-43320777</a></li> </ol>
7.	MI 326 Rock Mechanics-II Dr. Akhil Avchar	Theory	PDF/PPT	<a href="https://drive.google.com/file/d/1-ZMcYkNSUKUF-L2X4imla45gXOOt9IIC/view?usp=sharing">https://drive.google.com/file/d/1-ZMcYkNSUKUF-L2X4imla45gXOOt9IIC/view?usp=sharing</a>

				<a href="https://drive.google.com/file/d/1EBFvS70O45pVlhn-hCMTbmqxDIq8vF-R/view?usp=sharing">https://drive.google.com/file/d/1EBFvS70O45pVlhn-hCMTbmqxDIq8vF-R/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1pHSMAGClu_mlh_11nBI0Lp5cN7IvB4tZl/view?usp=sharing">https://drive.google.com/file/d/1pHSMAGClu_mlh_11nBI0Lp5cN7IvB4tZl/view?usp=sharing</a> Source: Relevant openly accessible e-resource
8.	MI 226 Mine-Surveying – I Dr. Akhil Avchar	Theory	PDF/PPT	<a href="https://drive.google.com/file/d/1acANfV9vcWnqiYw2I7fDQ_mbtOjOyU7l/view?usp=sharing">https://drive.google.com/file/d/1acANfV9vcWnqiYw2I7fDQ_mbtOjOyU7l/view?usp=sharing</a> Source: Relevant openly accessible e-resource
9.	MIP 524 Stress Analysis applied to mining Dr. Akhil Avchar	Theory	PDF/PPT	<a href="https://drive.google.com/file/d/1-ZMcYkNSUKUF-L2X4imla45gXOOt9lIC/view?usp=sharing">https://drive.google.com/file/d/1-ZMcYkNSUKUF-L2X4imla45gXOOt9lIC/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1pHSMAGClu_mlh_11nBI0Lp5cN7IvB4tZl/view?usp=sharing">https://drive.google.com/file/d/1pHSMAGClu_mlh_11nBI0Lp5cN7IvB4tZl/view?usp=sharing</a> Source: Relevant openly accessible e-resource
10.	MIP 526 Rock slope engineering Dr. Akhil Avchar	Theory	PDF/PPT	<a href="https://drive.google.com/file/d/1EBFvS70O45pVlhn-hCMTbmqxDIq8vF-R/view?usp=sharing">https://drive.google.com/file/d/1EBFvS70O45pVlhn-hCMTbmqxDIq8vF-R/view?usp=sharing</a>
11.	MI423 Rock Fragmentation Er. Rajeev Verma	Theory	Class Notes (pdf)	<a href="https://drive.google.com/file/d/1s3X3tOWzld6U6orrxgUZCGziuLNjxqFs/view?usp=sharing">https://drive.google.com/file/d/1s3X3tOWzld6U6orrxgUZCGziuLNjxqFs/view?usp=sharing</a> Source: Relevant openly accessible e-resource
12.	MI324 Mining Machinery Er. Rajeev Verma	Theory	Class Notes (pdf)	<a href="https://drive.google.com/file/d/1XmPbULz39KJC_7VXfLdAMTrgoMCeXG8m/view?usp=sharing">https://drive.google.com/file/d/1XmPbULz39KJC_7VXfLdAMTrgoMCeXG8m/view?usp=sharing</a> Source: Relevant openly accessible e-resource
13.	MI324 Mining Machinery Er. Rajeev Verma	Practical	Lab File Notes (pdf)	<a href="https://drive.google.com/file/d/1XmPbULz39KJC_7VXfLdAMTrgoMCeXG8m/view?usp=sharing">https://drive.google.com/file/d/1XmPbULz39KJC_7VXfLdAMTrgoMCeXG8m/view?usp=sharing</a> Source: Relevant openly accessible e-resource
14.	MI225 Mine Development Er. Rajeev Verma	Theory	Class Notes (pdf)	<a href="https://drive.google.com/drive/folders/1y0a5y_uqrE1_WNVm-LTQv29ldq5zM62c?usp=sharing">https://drive.google.com/drive/folders/1y0a5y_uqrE1_WNVm-LTQv29ldq5zM62c?usp=sharing</a> Source: Relevant openly accessible e-resource
15.	MIP521 Surface Mine Planning Er. Rajeev Verma	Theory	Class Notes (pdf)	<a href="https://drive.google.com/file/d/1oRGX9XONNhdb5liUOxzRNAhb085pzGj_/view?usp=sharing">https://drive.google.com/file/d/1oRGX9XONNhdb5liUOxzRNAhb085pzGj_/view?usp=sharing</a>

				Source: Relevant openly accessible e-resource
16.	MI 424 Advance Mineral Exploration Dr. Khushboo Kaushal	Theory	PDF	<a href="https://drive.google.com/drive/folders/1U4fFnyft5vks0L7wyEwHOOvHkhsA03CJ">https://drive.google.com/drive/folders/1U4fFnyft5vks0L7wyEwHOOvHkhsA03CJ</a> Source: Relevant openly accessible e-resource
17.	MI 325 Mining Geology III Dr. Khushboo Kaushal	Theory	PDF	<a href="https://drive.google.com/drive/folders/1zoa3OZFD016fPZCsyoVGob_CpL6lVRyS">https://drive.google.com/drive/folders/1zoa3OZFD016fPZCsyoVGob_CpL6lVRyS</a> Source: Relevant openly accessible e-resource
18.	MI 224 Mining Geology II Dr. Khushboo Kaushal	Theory	Class Notes PDF/	<a href="https://drive.google.com/drive/folders/1wvStLuNdzrFqthCWJLueniXx0AISLixt">https://drive.google.com/drive/folders/1wvStLuNdzrFqthCWJLueniXx0AISLixt</a> Source: Relevant openly accessible e-resource
19.	MIP 624 Rock Fragmentation Engineering Dr. Rajesh Arora	Theory	Class Notes PDF/	<a href="https://drive.google.com/file/d/11A4ou1bKCWIXadSFdHBBWUYeZ0E9yYLM/view?usp=sharing">https://drive.google.com/file/d/11A4ou1bKCWIXadSFdHBBWUYeZ0E9yYLM/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1Eijih7JBPP7VEA4VCSfCGxAnU5Cr4roo/view?usp=sharing">https://drive.google.com/file/d/1Eijih7JBPP7VEA4VCSfCGxAnU5Cr4roo/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1ZHkzjMHJ4lUGMB_xDMWNDcQ0u6sZY173/view?usp=sharing">https://drive.google.com/file/d/1ZHkzjMHJ4lUGMB_xDMWNDcQ0u6sZY173/view?usp=sharing</a> Source: Relevant openly accessible e-resource
20.	MIP621 Safety and Risk Management in Mines Dr. Rajesh Arora	Theory	Class Notes PDF/	<a href="https://drive.google.com/file/d/1yTnewgYKhzObYTnDdHgWUMy5u4JClkml/view?usp=sharing">https://drive.google.com/file/d/1yTnewgYKhzObYTnDdHgWUMy5u4JClkml/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1IzYNALx_k9lb_juDFbWty3CAxO0daol-/view?usp=sharing">https://drive.google.com/file/d/1IzYNALx_k9lb_juDFbWty3CAxO0daol-/view?usp=sharing</a> Source: Relevant openly accessible e-resource