



**UNIVERSITY COLLEGE OF ENGINEERING
(KAKATIYA UNIVERSITY)**

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No. 121 /Lib/UCE/KU/2021.

Date: 29 /01/2021

CALL FOR QUOTATIONS

Sealed quotations are invited from the appropriate firms procuring of M.Tech (PTPG) (Mine Planning) I year (I&II semesters) to our college library.

Terms and conditions:

1. Clearly specify the discount offered
2. Prices are to be charged according to the latest publication catalogues.
3. Year of publication/print as per the latest catalogue should match with that printed on the text book supplied.
4. Latest edition/prints are to be supplied unless otherwise specified.
5. Books should be in good condition.
6. Books should be delivered to the Principal, University college of Engineering, Kakatiya University, Kothagudem Bhadradi Kothagudem district 507 118.

Sealed quotations should reach the undersigned on or before 10.02.2021 by 3.00p.m.


PRINCIPAL

Encl: List of books.



KAKATIYA UNIVERISTY
DEPARTMENT OF MINING ENGINEERING
M.TECH (MINE PLANNING) PTPG
I Semester
List of Textbooks & Reference books

GEO MECHANICS

1. Deb D and Verma AK. Fundamentals and application of rock mechanics. PHI publication, New Delhi. 2016.
2. Deb D. Finite element method: concepts and application in geo-mechanics, 2nd edition. PHI publication, New Delhi. 2012.
3. Obert L and Duvall WI. Rock mechanics and design of structures in rock. Wiley, Newyork. 1967.
4. Brady HG and Brown ET. Rock mechanics for underground mining, 3rd edition. Springer. 2006

UNDERGROUND MINE PLANNING AND DESIGN OF COAL AND METAL MINES

1. Mathur SP. Mine planning for coal. M G Consultants, Bilaspur. 1993.
2. Bhattacharya J. Principles of mine planning. Allied Publishers Pvt Limited, New Delhi. 2003.
3. Hustrulid W and Kuchta M. Open Pit Mine Planning and Design. A A Balkema Rotterdam. 1995.
4. Vorobjev BM and Desmukh RT. Advanced coal mining vol-II. Asia Publishing house, Bombay, revised edition. 1966

ENVIRONMENTAL CONTROL IN MINES

1. Hartman HL. Mine ventilation and air conditioning. Wiley, Newyork. 1999.
2. Mishra GB. Mine environment and ventilation. Oxford University Press. 1992.
3. McPherson MJ. Subsurface ventilation and environmental engineering. Chapman and Hall publication, London. 1993.
4. Manahan S E. Environmental science and technology. 1966
5. Mackenthun KM. Basic concepts in environmental management. Lewis publications, London. 1998.
6. Shyam D and Armin R. Environmental law and policy in India. Oxford University Press, New Delhi. 2001.

GEO STATISTICS

1. Sarma DD. Geo statistics with applications in earth sciences. Springer publications. 2009.
2. Journal AG and Huijbregts C J. Mining geo statictics. Academic press. 1981.
3. Andereson F. Geo statictics by example approach using R. 2006.



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I Semester
List of Textbooks & Reference books

MINE ECONOMICS AND INVESTMENT

- Deshmukh RT. Mineral and mine economics. Mira publications, Nagpur. 1986.
1. Gentry DW and O'Neil TJ. Mine investment analysis. Society for Mining, Metallurgy and Exploration, Inc., Littleton, Colarado. USA.
 2. Sloan DA. Mine management. Chapman and Hall, London. 1983.
 3. Hartman HL. SME Mining Engineering Handbook, Vol. I. Society for Mining, Metallurgy and Exploration, Inc., Littleton, Colarado.



KAKATIYA UNIVERISTY
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M.TECH (MINE PLANNING) PTPG
II Semester
List of Textbooks & Reference books

SURFACE MINE PLANNING

1. Cummings AB and Given IV. SME mining engg. hand book volume I and II, New York. 1994.
2. Das SK. Surface mining technology. Lovely prakashan, Dhanbad. 1994.
3. Das SK. Modern coal mining technology. Lovely prakashan, Dhanbad. 1994.
4. Hustrulid W and Kuchta M. Fundamentals of open pit mine planning and design, Elsevier. 1995.

MINE ENVIRONMENTAL PLANNING

1. Mishra GB. Mine environment and ventilation. Oxford University Press. 1992.
2. Hartman HL. Mine ventilation and air conditioning. Wiley Interscience publication.1993.
3. Hall CJ. Mine ventilation engineering. Society of mining engineers, New engineers, New York, 2nd Edition. 1992.
4. Vutukuri VS. Mine environment engineering, Trans tech publishers. 1986.
5. McPherson MJ. Subsurface ventilation and environmental engineering. Chapman and hall publication, London. 1993.

ROCK EXCAVATION ENGINEERING

1. Cummings AB and Given IV. SME mining engg. vol. I and II, America. 1992.
2. Hartman HL. Introductory mining engineering. John Wiley and Sons, New York. 1987.
3. Chugh CP. Diamond drilling. Oxford-IBH. 1984.
4. Clark GB. Principles of rock fragmentation. John Wiley and Sons, New York. 1987.

SUBSIDENCE ENGINEERING

1. Deb D and Verma AK. Fundamentals and application of rock mechanics. PHI publication, New Delhi. 2016.
2. Deb D. Finite element method: concepts and application in geo-mechanics, 2nd edition. PHI publication, New Delhi. 2012.
3. Obert L and Duvall WI. Rock mechanics and design of structures in rock. Wiley, Newyork. 1967.
4. Brady HG and Brown ET. Rock mechanics for underground mining, 3rd edition. Springer. 2006.
5. Singh RD. Principles and practices of modern coal mining. New age international publications. 1997.



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II Semester
List of Textbooks & Reference books

MINE SAFETY MANAGEMENT

1. Brown DB. System analysis and design for safety. Prentice Hall. 1976.
2. Stranks J. Management systems for safety. Pitman publishing. 1994.
3. DeReamer R. Modern safety practices. John Wiley and Sons. 1959.
4. Wahab KA. New technology in health and safety. SMME. 1992.
5. Ericson CA. Fault tree analysis primer. Create Space Independent Publishing Platform. 2011.