

References

Lecture 1

References

- 1) TE Norgate, S. Jahaushahi and W. J Rankins:
Assessing the environmental impact of metal production processes; available on line in goggle
- 2) H.S. Ray: industrial and scientific aspects of non-ferrous metals production , Available on line in goggle

Lecture 2

Reference:

Schumann" Metallurgical engineering principles

Lecture 4

References

1. R. Schumann, JR. Metallurgical engineering, volume 1
2. Geiger: energy balance in metallurgical processes

Lecture 6

References:

Schuhmann: Metallurgical Engineering Principles

Alan and Geiger: energy balance in metallurgical processes

Lecture 9

References:

Rosenquist: Principles of extractive metallurgy

H. S. Ray, R.Shridhar and K.P. Abraham, Extraction of non famous metals.

Fine, H.Alan and G.H.Geiger: Handbook on Materials and Energy Balance Calculations in Metallurgical Processes

Lecture 10

References

A.F.Taggart : Elements of ore dressing

Rosenquist : Principles of extractive metallurgy

Newton .J : Extractive metallurgy.

Kelly and spottiswood: Introduction to mineral processing

Lecture 11

References:

1. Kelly and Spottiswood: introduction to mineral processing
2. Gaudin: Elements of ore dressing.

Lecture 13

References:

- 1) Rao, Y.K: Stoichiometry and Thermodynamics of Metallurgical process, Cambridge University Press, 1985
- 2) Butts, Allison: Metallurgical Problems, McGraw Hill Book Company, 1943
- 3) Fine, H.Alan and G.H.Geiger: Handbook on Materials and Energy Balance Calculations in Metallurgical Processes

Lecture 14

Reference:

- 1) Resenquist : principles of extractive metallurgy
- 2) H S Ray, R Sridhar and K.P Abraham: extraction of non ferrous metals.

Lecture 15

Reference:

- 1) Resenquist : principles of extractive metallurgy
- 2) Ray, H S; Sridhar, R and Abraham, K.P: Extraction of non ferrous metals

Lecture 17

References:

- 1) Rao, Y.K: Stoichiometry and thermodynamics of metallurgical process
- 2) Butts: Metallurgical problem

Lecture 20

References for the lectures 20 to 25

1. Ray, H.S; Sridhar, R and Abraham, K.P: Extraction of non ferrous metals.
2. Rosenquist : Principles of extractive metallurgy
3. Butts, Allison: Metallurgical Problems, McGraw Hill Book Company, 1943

Lecture 23

References for lectures 23 to 30

1. H.S Ray, R Sridhar and K.P.Abraham:
2. Rosenquist: Principles of extractive metallurgy
3. Butts: Metallurgical problem
4. Coudrier; I, Hupkins D.W and I-Wilkomirny : Fundamentals of metallurgical processes.
5. Y.K Rao: Strichiometrical calculation in metallurgical; processes.

Lecture 26

References:

- R.H.Tupkary: Introduction to modern ironmaking

Lecture 32

References

- 1) Rosenquist: Principles of extractive metallurgy
- 2) Butts: Metallurgical problem
- 3) Coudrier; I, Hupkins D.W and I-Wilkomirny : Fundamentals of metallurgical processes.
- 4) Y.K Rao: Stoichiometrical calculation in metallurgical; processes.

Lecture 35

References

1. Rosenquist: Principles of extractive metallurgy
2. Butts: Metallurgical problem

Lecture 39

References:

Fine, H. Alan and G.H. Geiger: Handbook on Materials and Energy Balance Calculations in Metallurgical Processes