

### About Debolina

*Debolina is the Senior Resource Geologist with Geovale Services. She has done Master's in Applied geology from a renowned Institute. She has over 10 years of professional experience in Geological & Mine planning of Coal and Iron in various parts of India. She has Expert Technical Experience includes significant skills in Geological Modelling ,Exploration data Management, Mine Planning, Structural Interpretation, Resource & Reserve Estimation as per standard rules.*

*Her skill includes 3D Modelling, Resource & Reserve Estimation and Mine Planning. She is an expert user of different Mining Software namely Surpac, Minesched, Whittle & Minex, Auto-Cad and also CEMPGEODOC. She has successfully submitted various numbers of Geological Model of Coal and Iron Ore Deposit for CMPDI and NMDC. She has also extensive experience in Geological Modelling and Resource Reporting (using various software) for overseas project especially for Gold and Iron Ore.*

*She is a competent trainer of Surpac, Minex and Minesched.*

### Relevant Experience

- Geological Modelling:** Having more than 9 years of experience in different Geological Resource Modelling of Coal blocks, Limestone, Bauxite, Gold and Iron Ore Deposits. Which Includes-
  - Preparation of Borehole Location Plan.
  - Geological Plan
  - Graphical Lithologs(by using surpac, minex, autocad)
  - Seam Correlation
  - Structural Interpretation
  - Floor Contour Plan
  - Roof Contour Plan
  - Iso-Chore and Iso-Grade Plan
  - Iso-parting Plan
  - Contour Plan of Moisture, Ash & VM
  - Cross Sections
  - Geo-statistical analysis plan
  - Resource Estimation (distance wise, depth wise, thickness wise and grade wise) as per JORC and UNFC standard.
  - Pit Design (by using Surpac Software)
  - Ramp Design (by using Surpac Software)
- Mine Planning:** Having several years of experience in Mine planning using different software.
  - Yearly Production plan of Iron Ore deposit for NMDC (using Surpac)
  - Haulage Plan (using Surpac)
  - Slice Plan (using Surpac)
  - Yearly Production & Development Plan for Coal Block of Gare-Palma IV/8, Marki-Mangli I & II , Barjore coal block (using Auto Cad)
  - Mine closure Plan (using Auto Cad)
  - Haulage and Transportation Plan (using Auto Cad)
  - Dump Design (using Auto Cad)

Period		Position	Organization
2018	Present	Senior Resource Geologist	Geovale Services
2015	2018	Senior Manager(Geology)	IMPCON
2013	2013	Associate Resource Modelling	HDR   Salva
2011	2013	Technical Analyst cum Resident Engineer	Gemcom(GEOVIA) India Pvt Ltd
2009	2011	Trainee Geologist	IMPC

