**SUSANTA BISWAS | 13MI10037**



MINING ENGG.(B.TECH 4Y)

# EDUCATION

|  |  |  |  |
| --- | --- | --- | --- |
| **Year** | **Degree/Exam** | **Institute** | **CGPA/Marks** |
| 2017 | B.TECH | IIT Kharagpur | 6.07 / 10 |
| 2012 | 12 TH STANDARD BOARD EXAM | WBCHSE | 65% |
| 2010 | 10 TH STANDARD BOARD EXAM | WBBSE | 63.87% |

**AWARDS AND ACHIEVEMENT**

**ARJUN DAS DATTA MEMORIAL MCM ENDOWMENT SCHOLARSHIP**

Indian Institute Of Technology,Kharagpur 2014

# WORK EXPERIENCE (Internships) IRAWITS May-July 2016

Website Development with HTML, PHP.

# TRAINING

**Sukinda Chromite Mine,FA&MD(TATA STEEL) ODISHA MAY-JUNE(2015)**

* Studied the geological distribution of iron ore ,waste and **open cast mining operations**:drilling and blasting, crushing, sampling of iron ore, **mining machineries**: Shovel, Dumper, Dozer
* Analyzed the overall transportation method of ore using conveyor belt systemfrom production site tothe loading plant.

# South Eastern Coalfields Ltd December 2015

* During 10 days Coal mining trip, visited **Dipka Expansion Project**.
* Opportunity to study working of **Dragline&Surface Miner**.
* Understood Bord and Pillar mining method in **Bagdewa** UG mine.

# Uranium Corporation of India Ltd. March 2016

* During 4 days metal mining trip, got a chance to visit **Narwapahar** and **Turamdih** UG mine and **Turamdih Mill.**
* Learnt mechanized mining method and backfilling with hydraulic milltailing.
* Learnt various process involved in extraction of Uranium from its ore in **Turamdih Mill**.

# PROJECTS

**B-TECH Project, Guided by Prof D.Chakravarty, Associate Professor, Mining Engineering Department, IIT Kharagpur,2016 Title-**Finite element **slope stability analysis**by shear strength

**COURSEWORK INFORMATION**

Elements of Rock Mechanics, Development Of Mineraldeposit, Environmental Engineering, Mine Surveying, UG CoalMine,UG Metal Mine, Mine Machinery, Ventilation and Climate Control Surface Mine, Mine Hazards and Rescue, Economics & mine enterprises,Coal Preparation, GPS remote control system, Engineering and Economic Geology, Financing new venture, Operation Research.

# SKILLS AND EXPERTISE

* Software Packages:Minesight, AutoCAD, Tora, Solidworks, Microsoft Office Suite.
* Programming Languages: C, C++, HTML,CSS,PHP.

# POSITION OF RESPONSIBILITY

**Director**

Directed Golden jubilee Celebration production Nimta High School (Kolkata)2011.

# EXTRA CURRICULAR ACTIVITIES

* Social Initiatives-Work as a member of team**National Service Scheme** during 2013(Aug)-2015(April) and Surveyed the nearby village of Malmar and Suggested technical improvement to the fisheries in the area.
* other Activities-Cricket,Football

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