



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2019	B.TECH	IIT Kharagpur	6.08 / 10
2014	Board of Intermediate Education	Board of Intermediate Education Andhra Pradesh	81.3%
2012	Board of Secondary Education	Board of Secondary Education Andhra Pradesh	8.5 / 10

INTERSHIPS

Industrial Training at Singareni Collieries Company Limited, Ramagundam | June 2017-July 2017 & June 2018- July 2018

- Performed gas sampling, subsidence by telescopic scale, ventilation, quality tests regularly to verify the mine conditions and safety norms
- Obtained a practical knowledge of how coal industry works, operations involved for production, development and depillaring and possible ways to improve the life time of a mine
- Learnt the process of charging delay detonators which must be operated only by short firer as per regulations
- Gained practical experience on Mine geology, Geo-technical aspects, Safety related issues, Support Systems, Mine ventilation and other mining operations such as Drilling, Blasting, Hauling and Dump management

PROJECTS

Strata support and interaction in thick seam Longwall extraction in India | Prof. MPDixit | Bachelor Thesis project July '18

- Overlying and under lying strata conditions and equipment selection of Longwall extraction in India
- Strata behaviour criteria selection of supports and safety performance
- Salvage of equipment and face transfer and operational hurdles met and site solution
- Observations in supports, equipments, types of cutting like sequences .

Haul road maintenance in surface mines | Prof. Khanidra Phatak, IIT Kharagpur | Term mini project

Jan'18

- Found out the source from where the mine haul road is maintained in management systems and selection of mine haul road wearing materials
- Worked on geometric design, structural design guidelines, maintenance design, watering and grading of haul roads
- Studied about the safety critical defects in mine road design

Tatkal Booking Bot | Independent Project

Dec'17-Jan'18

- Developed a software in Python using selenium that speeds up the Tatkal ticket booking process
- Tatkal ticket booking is done within 15-30 seconds after the booking opens where the captcha must be entered manually and the rest of the required details are filled automatically
- All the information including payment details and personal details are to be provided prior to the booking time

COURSEWORK INFORMATION

- Probability and Statistics
- Marketing Management
- Mining Machinery
- Programming and Data Structures
- Economics of Mining Enterprises
- Mine Surveying
- Quantitative Decision Making
- Elements of Rock mechanics
- Economics

SKILLS AND EXPERTISE

- Mine planning & design software
- **Programming skills** : TCL, Python, C

POSITIONS OF RESPONSIBILITY

Vice-Captain of Volleyball team | Azad hall of residence | IIT Kharagpur | 2016

- Motivated players and uplifted the spirit of the team during Inter Hall general championship

AWARDS AND ACHIEVEMENTS

National level

- Secured ALL INDIA category RANK 528 in JEE Advanced 2014 among 1,50,000 students qualified for JEE advanced.
- Qualified for gurukula examinations during school

EXTRA CURRICULAR ACTIVITIES

- Was a member of Inter Hall Volleyball team of Azad hall of residence in 2015-18
- Conducted rallies against Tobacco consumption and Drug abuses as a part of National Sports Organisation
- Was an active member of **gold** winning Illumination and Rangoli team - Azad Hall
- Collected funds of INR 50,000 for helping the blind organisation named ITTRODD in my 8th standard