

Date: 18/01/2019

From

Mr. Satyajeet Parida,

Head of the Department,

Department of Mining Engineering,

Aditya Engineering College (A)

To

The Principal,

Aditya Engineering College (A)

Sub: Request to grant permission for organizing a Value Added Course on "Surpac and its use in Mining Industry"

Respected Sir,

Software tools are playing a major role in the field of mining. Surpac software is used for the purpose of reserve estimation and helps to know the total reserve in that particular lease area. So to enhance the technical abilities of students pursuing B.Tech-VIII and VI Semester, the Department of Mining Engineering is proposing to organize a Value Added Course entitled "Surpac and its use in Mining Industry", during the period of 11th – 16th February 2019.

Hence, I request you to grant permission to organize the program with the necessary arrangements.

Thanking you,

Permitted
Sir!



Yours truly,

Head of the Department,

Department of MIN.E

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A)



ADITYA ENGINEERING COLLEGE

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Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Mining Engineering

Date: 21/01/2019

CIRCULAR

All the students of IV and III B.Tech are hereby informed that the department is offering value added course on “**Surpac and its use in Mining Industry**” through online mode which is scheduled from 11-02-2019 to 16-02-2019, Timings from 10:00 am to 5:00 pm. The interested students can enroll their names to the Co-Ordinator Ms. G.D.N Santoshi on or before 28-01-2019. Certificate will be provided to all participants after the successful completion of the course. The classes for the course will be held in K.L Rao Bhawan Room No 401.


Head of the Department
Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)

COURSE CONTENT

The following topics will be covered

| Topic | Hours |
|--|-----------|
| Introduction to sampling and its different types | 4 |
| Discussion of different method to determine the average grade | 6 |
| Constant distance weighting technique and Inverse weighting technique | 6 |
| Geostatistical approach-kriging | 6 |
| Introduction to Surpac, Calculation of lease boundary using bearing Distance | 6 |
| Introduction to geological data, String File, its utilization | 4 |
| Total hours | 32 |

COURSE OUTCOMES

At the end of the course student will be able to

- Understand the importance and basic principles of Geo-statistics.
- Know the different Reserve estimation methods
- Know different reserve estimation techniques through Surface

RESOURCE PERSON

Mr. Satyajeet Parida

Assistant Professor

Department of Mining Engineering, AEC

Email: parida.satyajeet@aec.edu.in

Signature
Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE

Value Added Course

on

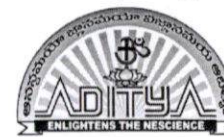
Surpac and its Uses in Mining Industry

11th to 16th February 2019



Organized by

Department of Mining Engineering



ADITYA ENGINEERING COLLEGE

CO-ORDINATOR

Ms. GDN Santoshi

Assistant Professor

Department of Mining Engineering, AEC

Email: santhoshi.sk@aec.edu.in



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Department of Mining Engineering

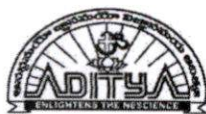
Value Added Course Report

| Name of the Course | Surpac and its use in Mining Industry | | | | | | | | | | | | | | | | |
|--|--|-------|-------|--|---|---|---|---|---|---------------------------------|---|--|---|---|---|--------------------|-----------|
| Introduction to Event | The knowledge on the importance of Surpac software and its uses in the mining industry will be discussed in this course here inverse weighting technique, geostatistical approach, etc will also be discussed. | | | | | | | | | | | | | | | | |
| Event date | 11-02-2019 to 16-02-2019 | | | | | | | | | | | | | | | | |
| Number of days | 6 | | | | | | | | | | | | | | | | |
| Coordinator(s) | Ms. G.D.N Santoshi | | | | | | | | | | | | | | | | |
| Agenda/Event Flow | <table border="1"> <thead> <tr> <th>Topic</th><th>Hours</th></tr> </thead> <tbody> <tr> <td>Introduction to sampling and its different types</td><td>4</td></tr> <tr> <td>Discussion of different method to determine the average grade</td><td>6</td></tr> <tr> <td>Constant distance weighting technique and Inverse weighting technique</td><td>6</td></tr> <tr> <td>Geostatistical approach-kriging</td><td>6</td></tr> <tr> <td>Introduction to Surpac, Calculation of lease boundary using bearing Distance</td><td>6</td></tr> <tr> <td>Introduction to geological data, String File, its utilization</td><td>4</td></tr> <tr> <td>Total hours</td><td>32</td></tr> </tbody> </table> | Topic | Hours | Introduction to sampling and its different types | 4 | Discussion of different method to determine the average grade | 6 | Constant distance weighting technique and Inverse weighting technique | 6 | Geostatistical approach-kriging | 6 | Introduction to Surpac, Calculation of lease boundary using bearing Distance | 6 | Introduction to geological data, String File, its utilization | 4 | Total hours | 32 |
| Topic | Hours | | | | | | | | | | | | | | | | |
| Introduction to sampling and its different types | 4 | | | | | | | | | | | | | | | | |
| Discussion of different method to determine the average grade | 6 | | | | | | | | | | | | | | | | |
| Constant distance weighting technique and Inverse weighting technique | 6 | | | | | | | | | | | | | | | | |
| Geostatistical approach-kriging | 6 | | | | | | | | | | | | | | | | |
| Introduction to Surpac, Calculation of lease boundary using bearing Distance | 6 | | | | | | | | | | | | | | | | |
| Introduction to geological data, String File, its utilization | 4 | | | | | | | | | | | | | | | | |
| Total hours | 32 | | | | | | | | | | | | | | | | |
| No of Students participated and list | 70 and the participant list is Enclosed | | | | | | | | | | | | | | | | |
| Target participants | B.Tech VI and VIII Semester | | | | | | | | | | | | | | | | |
| Participants list | Enclosed | | | | | | | | | | | | | | | | |
| Participants Attendance Sheet(enclosure) | Enclosed | | | | | | | | | | | | | | | | |
| Resource person(s) | Mr. Satyajeet Parida Assistant Professor, AEC Contact No-9603231934 Email id- parida.satyajeet@aec.edu.in | | | | | | | | | | | | | | | | |
| Profile of resource person(s) in brief | Enclosed | | | | | | | | | | | | | | | | |
| Location and venue | KLB-401, Aditya Engineering College | | | | | | | | | | | | | | | | |

| | |
|----------|---|
| Outcomes | <p>At the end of the course student will be able to</p> <ul style="list-style-type: none"> ➤ Understand the importance and basic principles of Geo-statistics. ➤ Know the different Reserve estimation methods ➤ Know different reserve estimation techniques through Surpac |
|----------|---|

G.D.N. Santosh
Course Coordinator

[Signature]
Head of the Department
Head of the Department
 DEPARTMENT OF MINING ENGINEERING
 ADITYA ENGINEERING COLLEGE (A9)



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Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Department of Mining Engineering

Course Name-Surpac and its Use in Mining Industry


Scheduled Tenure- 11-02-2019 to 16-02-2019

KLB Room No 401

| S.NO | Dept | Name | Roll No | Semester |
|------|--------|-----------------------------|------------|----------|
| 1 | MINING | SACHIN KUMAR SINGH | 14A91A2607 | VIII |
| 2 | MINING | THIRIPURASUNDARI I A | 14A91A2613 | VIII |
| 3 | MINING | ABHIJEET PATEL | 15A91A2601 | VIII |
| 4 | MINING | AMAL V | 15A91A2603 | VIII |
| 5 | MINING | AMIT BISWAS | 15A91A2604 | VIII |
| 6 | MINING | ARAVINTH KUMAR S | 15A91A2605 | VIII |
| 7 | MINING | AROMAL JAYAPRAKASH | 15A91A2606 | VIII |
| 8 | MINING | ASHISH RANJAN | 15A91A2607 | VIII |
| 9 | MINING | BEZAWADA SAI KRISHNA | 15A91A2608 | VIII |
| 10 | MINING | BIPIN KUMAR | 15A91A2609 | VIII |
| 11 | MINING | CHANDAN KUMAR | 15A91A2610 | VIII |
| 12 | MINING | DALESHWAR KUMAR MAHTO | 15A91A2611 | VIII |
| 13 | MINING | ENDUKURI ANIL GOWTHAM VARMA | 15A91A2612 | VIII |
| 14 | MINING | DINESH RAJAK | 15A91A2613 | VIII |
| 15 | MINING | GOKUL NATH V | 15A91A2614 | VIII |
| 16 | MINING | INDRAJEET PATEL | 15A91A2615 | VIII |
| 17 | MINING | JOSVIN JOHN | 15A91A2616 | VIII |
| 18 | MINING | KODEESWARAN S | 15A91A2617 | VIII |
| 19 | MINING | KONA GNANA RAJDEEP | 15A91A2618 | VIII |
| 20 | MINING | MADASU PAVAN | 15A91A2619 | VIII |
| 21 | MINING | MANISH KUMAR | 15A91A2620 | VIII |
| 22 | MINING | NITESH KUMAR MAHTO | 15A91A2621 | VIII |
| 23 | MINING | MANIKANDAN P | 15A91A2623 | VIII |
| 24 | MINING | PRADEEP KUMAR S | 15A91A2624 | VIII |
| 25 | MINING | ROSHIN ROY | 15A91A2626 | VIII |
| 26 | MINING | SANJAY S | 15A91A2627 | VIII |
| 27 | MINING | SANU HARIDAS | 15A91A2628 | VIII |
| 28 | MINING | SUBDEV R V | 15A91A2629 | VIII |
| 29 | MINING | TASHI DORJI | 15A91A2631 | VIII |
| 30 | MINING | KOMMIREDY VENKATA REDDY | 16A95A2601 | VIII |
| 31 | MINING | MANCHALA GOVARDHAN REDDY | 16A95A2602 | VIII |
| 32 | MINING | POREDDY GOVARDHAN REDDY | 16A95A2603 | VIII |
| 33 | MINING | BOJJA PARAMESWARA REDDY | 16A95A2604 | VIII |
| 34 | MINING | THALLURU NITHIN | 16A95A2605 | VIII |
| 35 | MINING | SINGU BHARATH KUMAR | 16A95A2606 | VIII |
| 36 | MINING | MANDHA GUNASEKHAR REDDY | 16A95A2607 | VIII |
| 37 | MINING | AGENEL JOSE | 15A91A2602 | VI |
| 38 | MINING | NITHIN JOSE | 15A91A2622 | VI |
| 39 | MINING | ASHWIN RAJENDAR A C | 16A91A2601 | VI |
| 40 | MINING | AKASH KUMAR | 16A91A2602 | VI |
| 41 | MINING | ALBIN KR | 16A91A2603 | VI |

| | | | | |
|----|--------|-------------------------|------------|----|
| 42 | MINING | ALFRED K R | 16A91A2604 | VI |
| 43 | MINING | AMIT KUMAR SINGH | 16A91A2605 | VI |
| 44 | MINING | ARNAB PATRA | 16A91A2606 | VI |
| 45 | MINING | BADRI A MEIYYAPPAN | 16A91A2607 | VI |
| 46 | MINING | BALRAM MISHRA | 16A91A2608 | VI |
| 47 | MINING | SURYA C | 16A91A2609 | VI |
| 48 | MINING | ESTRA DOVE S | 16A91A2611 | VI |
| 49 | MINING | HARIPRASATH P | 16A91A2612 | VI |
| 50 | MINING | KUMAR UJJWAL | 16A91A2613 | VI |
| 51 | MINING | MUHAMMED VASEEM MTK | 16A91A2614 | VI |
| 52 | MINING | OMPRAKASH SINGH | 16A91A2615 | VI |
| 53 | MINING | PANKAJ KUMAR | 16A91A2616 | VI |
| 54 | MINING | PRATIK SHARMA | 16A91A2617 | VI |
| 55 | MINING | RAJEEV RANJAN | 16A91A2618 | VI |
| 56 | MINING | RAVI KUMAR | 16A91A2619 | VI |
| 57 | MINING | RYNGKATLANG DKHAR | 16A91A2620 | VI |
| 58 | MINING | ANIRUDH MUTHURAMAN S P | 16A91A2621 | VI |
| 59 | MINING | ABHISHEK KUMAR | 16A91A2622 | VI |
| 60 | MINING | SHEIKH RIZWAN | 16A91A2623 | VI |
| 61 | MINING | THOMAS V CHACKO | 16A91A2624 | VI |
| 62 | MINING | ANYANG DENG ANYANG CHAN | 16A91A2625 | VI |
| 63 | MINING | CHANDAN KUMAR | 16A91A2626 | VI |
| 64 | MINING | SATHI VAMSHIKRISHNA | 17A95A2601 | VI |
| 65 | MINING | P NANDAKISHORE REDDY | 17A95A2602 | VI |
| 66 | MINING | PAMANJI VIVEK VARDHAN | 17A95A2603 | VI |
| 67 | MINING | GADHI DURGA NOOKARAJU | 17A95A2604 | VI |
| 68 | MINING | KUNDRAPU CHINNA RAO | 17A95A2605 | VI |
| 69 | MINING | KONATHAM HANIMI REDDY | 17A95A2606 | VI |
| 70 | MINING | ASHADAPU PRASHANTH | 17A95A2607 | VI |

G.D.N. Senthil
Faculty Co-Ordinator


Head of the Department
Head of the Department
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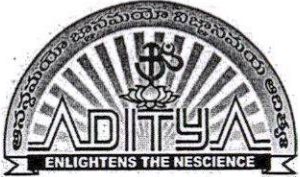
| Department :Mining Engineering | | | | Attendance,Duration:11-02-2019 to 16-02-2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|------------------------------|----------|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------|--|--|
| Course : Surpac and its use in Mining Industry | | | | 11-02-2019 | | | | | | 12-02-2019 | | | | | | 13-02-2019 | | | | | | 14-02-2019 | | | | | | 15-02-2019 | | | | | | 16-02-2019 | | | | |
| | | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | | | |
| S.No | Roll.No | Name | Semester | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | | | |
| 1 | 14A91A2607 | SACHIN KUMAR SINGH | VIII | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | Singh | | | |
| 2 | 14A91A2613 | THIRIPURASUNDARI I A | VIII | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | Thiripurasundari | | | |
| 3 | 15A91A2601 | ABHIJEET PATEL | VIII | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | Abhy | | | |
| 4 | 15A91A2603 | AMAL V | VIII | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | Amal | | |
| 5 | 15A91A2604 | AMIT BISWAS | VIII | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | Amit | | |
| 6 | 15A91A2605 | ARAVINTH KUMAR S | VIII | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | S.Aravinth | | |
| 7 | 15A91A2606 | AROMAL JAYAPRAKASH | VIII | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | A.Romal | | |
| 8 | 15A91A2607 | ASHISH RANJAN | VIII | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | Ranjana | | |
| 9 | 15A91A2608 | BEZAWADA SAI KRISHNA | VIII | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | B.Krishna | | |
| 10 | 15A91A2609 | BIPIN KUMAR | VIII | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | B.Kumar | | |
| 11 | 15A91A2610 | CHANDAN KUMAR | VIII | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | | |
| 12 | 15A91A2611 | DALESHWAR KUMAR MAHTO | VIII | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | Kumar | | |
| 13 | 15A91A2612 | DENDUKURI ANIL GOWTHAM VARMA | VIII | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | Anil | | |
| 14 | 15A91A2613 | DINESH RAJAK | VIII | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | Rajak | | |
| 15 | 15A91A2614 | GOKUL NATH V | VIII | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | Gokul | | |
| 16 | 15A91A2615 | INDRAJEET PATEL | VIII | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | Indrajeet | | |
| 17 | 15A91A2616 | JOSVIN JOHN | VIII | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | Josvin | | |
| 18 | 15A91A2617 | KODEESWARAN S | VIII | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | Kodeeswaran | | |

G.D.N. Saritha

| Department :Mining Engineering | | | | Attendance,Duration:11-02-2019 to 16-02-2019 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|------------|-------------------------|----------|--|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|-----------|-----------|-----------|----------------|-----------|-----------|
| Course : Surpac and its use in Mining Industry | | | | 11-02-2019 | | | | | | 12-02-2019 | | | | | | 13-02-2019 | | | | | | 14-02-2019 | | | | | | 15-02-2019 | | | | | | 16-02-2019 | | |
| | | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | | AN | | | FN | | |
| S.No | Roll.No | Name | Semester | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | |
| 61 | 16A91A2624 | THOMAS V CHACKO | VI | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | thomas | |
| 62 | 16A91A2625 | ANYANG DENG ANYANG CHAN | VI | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | Any | |
| 63 | 16A91A2626 | CHANDAN KUMAR | VI | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | chandan | |
| 64 | 17A95A2601 | SATHI VAMSHIKRISHNA | VI | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | Vamsi | |
| 65 | 17A95A2602 | P NANDAKISHORE REDDY | VI | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | N. Reddy | |
| 66 | 17A95A2603 | PAMANJI VIVEK VARDHAN | VI | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | P. Vivek | |
| 67 | 17A95A2604 | GADHI DURGA NOOKARAJU | VI | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | G. Nooka | |
| 68 | 17A95A2605 | KUNDRAPU CHINNA RAO | VI | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | Chinna | |
| 69 | 17A95A2606 | KONATHAM HANIMI REDDY | VI | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | Hanimi | |
| 70 | 17A95A2607 | ASHADAPU PRASHANTH | VI | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth | Prashanth |
| Day-Day CourseCoordinator Sign | | | | G.D.N. Santosh | | | | | | G.D.N. Santosh | | | | | | G.D.N. Santosh | | | | | | G.D.N. Santosh | | | | | | G.D.N. Santosh | | | | | | G.D.N. Santosh | | |

G.D.N. Santosh
Course Coordinator

Head of the Department
Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)



ADITYA ENGINEERING COLLEGE(A)

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Aditya Nagar, ADB Road, Surampalem- 533437, Near Kakinada, E.G. Dt., Ph: 99498 76662

Department of Mining Engineering

CERTIFICATE OF PARTICIPATION

This is to certify that Mr/Ms SACHIN KUMAR SINGH bearing roll no 14A91A2607 of
VIII Semester has completed the Value Added Course “Surpac and its
use in Mining Industry” during the period 11-02-2019 to 16-02-2019.

G.D.N. 
Course Coordinator


Head of the Department
Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)



Satyajeet Parida

M.Tech. Mining Engineering

NIT Rourkela

parida.satyajeet@gmail.com

+91 9603231934

OBJECTIVE

To work as a dynamic professional, utilizing analytical & methodical skills and relevant experience to help the organization achieve business goals while sticking to vision, mission and values.

ACADEMIC PROFILE

| Year | Degree | Institute/University | CGPA/Percentage |
|------|---------|---|-----------------|
| 2015 | M.Tech. | NIT Rourkela | 7.78 |
| 2010 | B.Tech. | Ajay Binay Institute of Technology (BPUT, Odisha) | 6.85 |
| 2006 | 12th | KIIT Science College (CHSE, Odisha) | 68.33 % |
| 2004 | 10th | Biswambhar Vidyapitha (BSE, Odisha) | 57.20 % |

PROFESSIONAL EXPERIENCE

| Sl. No. | Organization | Designation | Period | Responsibilities |
|---------|----------------------------|---------------------------|--------------------------|--|
| 1 | Aditya Engineering College | Assistant Professor | 08/08/2015 to 11/06/2017 | <ul style="list-style-type: none">Academic counselor to 30 students.Internal exam cell in-charge.In-charge Head of the department. |
| 2 | Aditya Engineering College | Assistant Professor & HOD | 11/06/2017 to Present | <ul style="list-style-type: none">Day to Day departmental Administrative responsibilitiesChairman of department Board of Studies comprising of 2 faculties from NIT and IIT, one member from Coal India.Established mine environmental engineering lab, mineral engineering lab and Rock Mechanics lab from grass root level.Academic counselor to 30 students. |

[Signature]
Head of the Department
DEPARTMENT OF MINING ENGINEERING
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CURRICULAR ACTIVITIES

- Completed the project “**Design of Illumination System for an opencast manganese mine**” for M.Tech. Thesis work under the guidance of Prof. D.P. Tripathy, Dept. of Mining Engineering, NIT Rourkela.
The project aims at studying and designing the illumination system in opencast mines according to the DGMS regulations.
- Completed the project **Wireless Industrial Security System** under the guidance of Prof. Leena Samantaray, Dept. of Applied Electronics & Instrumentation Engineering, Ajay Binay Institute of Technology during B.Tech.
It uses different sensors like water level sensor, infrared sensor, temperature sensor and light sensor for security purpose. This system monitors four parameters at a time and controls them. All information gathered by the sensors are sent via wireless (using ASK technique) to control room for observation.

CERTIFICATIONS

Completed Certifications on the following areas

- What is Data Science? by IBM on Coursera
- Open Source tools for Data Science by IBM on Coursera
- Data Science Methodology by IBM on Coursera
- Python for Data Science and AI by IBM on Coursera
- Databases and SQL for Data Science by IBM on Coursera
- Data Analysis with Python by IBM on Coursera
- Machine Learning with Python by IBM on Coursera
- Data Science Capstone Project by IBM on Coursera
- Data Science Professional by IBM on Coursera
- Outcome Based Education by Indo Universal Collaboration for Engineering Education and Andhra Pradesh State Skill Development Corporation (APSSDC).

PATENTS & PUBLICATIONS

- Design of illumination system for an opencast manganese mine, Indian Mining & Engineering Journal, 2017.

SKILLS

| | |
|-------------------------------|--------------|
| Python | Intermediate |
| Data Analytics | Intermediate |
| English Proficiency (Spoken) | Intermediate |
| English Proficiency (Written) | Expert |

PROFESSIONAL PROFILES


| | |
|-----------|---|
| GitHub: | https://github.com/SatyajeetParida89 |
| Acclaim: | https://www.youracclaim.com/users/satyajeet-parida |
| LinkedIn: | https://www.linkedin.com/in/satyajeet-parida-06637a98/ |

ACHIEVEMENTS

- Qualified GATE in 2013 with 93.3 percentile
- Winning Captain of the cricket team in Intra-Hall Cricket Tournament in NIT, Rourkela.
- Won second prize in Badminton Doubles in Intra-Hall Tournament in NIT, Rourkela.

EXTRA CURRICULAR ACTIVITIES

- General Secretary of Satish Dhawan Hall of Residence, NIT, Rourkela.


Head of the Department
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- Member of Sports Items Purchase Committee of NIT, Rourkela (2014-15).

HOBBIES

- Watching movies
- Reading Novels and stories
- Playing cricket and other sports

REFERENCE

Name : Dr. Debi Prasad Tripathy
Designation : Professor, Dept. of Mining Engineering
Organization : NIT Rourkela
Contact : dptripathy@nitrkl.ac.in, +91 661 2462608

PERSONAL INFORMATION

Father's Name : Mr. Biswambar Parida
Mother's Name : Mrs. Saudamini Parida
Date of Birth : 27th August, 1989
Nationality : Indian
Marital Status : Married
Languages : English, Hindi, Bengali, Odia
PAN : BHQPP4363R
Permanent Address : No.5, Sricharana Sarini,
Bally, Howrah,
West Bengal-711201

DECLARATION

I do hereby declare that the above furnished information is true to the best of my knowledge and belief.


Satyajit Parida

Head of the Department
DEPARTMENT OF MINING ENGINEERING
ADITYA ENGINEERING COLLEGE (A9)