

Date: 08/10/2021

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 Automation in Mining Engineering.

Respected Sir,

As the demand of the automation increases day by day mining industry also practices the same due to which the demand of skilled labour was increased empirically and those skilled labour should be prominent to handle all these equipment's so our student should be aware of these modern equipment's so to enhance the technical abilities of students pursuing B.Tech VII and V Semesters, the Department of Mining Engineering is proposing to organize a Value Added Course entitled "Automation in Mining Industry", during the period of 02<sup>nd</sup> – 8<sup>th</sup> November' 2021.

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

Thanking you,

  
Yours truly

Head of the Department,  
Department of MIN.E.

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

*Permitted*  
*Sut*



# ADITYA ENGINEERING COLLEGE

An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade

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: 21/10/2021

### CIRCULAR

All the students of IV and III B.Tech are hereby informed that the department is offering value added course on “**Automation in Mining Industry**” is scheduled from 02-11-2021 to 08-11-2021, Timings from 10:00 am to 5:00 pm. The interested students can enroll their names to the Co-Ordinator Dr. S.R Paul on or before 25-10-2021. 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 402.

  
Head of the Department

Head of the Department  
DEPARTMENT OF MINING ENGINEERING  
ADITYA ENGINEERING COLLEGE (A-1)

## COURSE CONTENT

The following topics will be covered

| Topic                                                                                         | Hours     |
|-----------------------------------------------------------------------------------------------|-----------|
| Different types of motive power used in mines                                                 | 4         |
| Transmission and distribution of compressed air in mines, compressed air drills               | 6         |
| Classification of rope wires, construction, fields of application, rope capping and splicing  | 4         |
| Testing of ropes, selection and maintenance, rope calculations                                | 4         |
| Types of rope haulages - gravity, direct, main & tail, endless, suitability of these haulages | 7         |
| Safety appliances and rope haulage calculations                                               | 6         |
| <b>Total hours</b>                                                                            | <b>31</b> |

## COURSE OUTCOMES

At the end of the course student will be able to

- Outline different types of machinery used in mines.
- Compare types of rope haulages and its safety appliances.
- Predict optimist conveyor system in mines

## RESOURCE PERSON

**Mr. John Williams**  
Assistant Professor  
Department of Mining Engineering, AEC  
Email: johnwilliambooth@aec.edu.in

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

## Value Added Course on Automation in Mining Industry 2<sup>nd</sup> to 8<sup>th</sup> November 2021



Organized by  
Department of Mining Engineering



**ADITYA ENGINEERING COLLEGE (A)**

## CO-ORDINATOR

**Dr. S.R Paul**  
Assistant Professor  
Email: subharanjanp@aec.edu.in



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## Department of Mining Engineering

### Value Added Course Report

|                                          |                                                                                                                                                                                                                                              |              |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Name of the Course                       | Automation in Mining Industry                                                                                                                                                                                                                |              |
| Introduction to Event                    | The course is designed to fulfill the modern automation in mining industry demands as it will teach the basic concepts of mine machinery and mine automation. The knowledge on rope haulage system and create awareness on conveying system. |              |
| Event date                               | 02-11-2021 to 08-11-2021                                                                                                                                                                                                                     |              |
| Number of days                           | 6                                                                                                                                                                                                                                            |              |
| Coordinator(s)                           | Dr. S.R Paul                                                                                                                                                                                                                                 |              |
| Agenda/Event Flow                        | <b>Topic</b>                                                                                                                                                                                                                                 | <b>Hours</b> |
|                                          | Different types of motive power used in mines                                                                                                                                                                                                | 4            |
|                                          | Transmission and distribution of compressed air in mines, compressed air drills                                                                                                                                                              | 6            |
|                                          | Classification of rope wires, construction, fields of application, rope capping and splicing                                                                                                                                                 | 4            |
|                                          | Testing of ropes, selection and maintenance, rope calculations                                                                                                                                                                               | 4            |
|                                          | Types of rope haulages - gravity, direct, main & tail, endless, suitability of these haulages                                                                                                                                                | 7            |
|                                          | Safety appliances and rope haulage calculations                                                                                                                                                                                              | 6            |
|                                          | <b>Total hours</b>                                                                                                                                                                                                                           | <b>31</b>    |
| No of Students participated and list     | 108 and the participant list is Enclosed                                                                                                                                                                                                     |              |
| Target participants                      | B.Tech V and VII Semester                                                                                                                                                                                                                    |              |
| Participants list                        | Enclosed                                                                                                                                                                                                                                     |              |
| Participants Attendance Sheet(enclosure) | Enclosed                                                                                                                                                                                                                                     |              |
| Resource person(s)                       | <b>Mr. John Willams</b><br>Assistant Professor, AEC<br>Contact No- 9505647021<br>Email id- johnwilliambooth@aec.edu.in                                                                                                                       |              |

|                                        |                                                                                                                                                                                                                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Profile of resource person(s) in brief | Enclosed                                                                                                                                                                                                                                                                                  |
| Location and venue                     | KL Rao Bhawan Room No 402                                                                                                                                                                                                                                                                 |
| Outcomes                               | <p>At the end of the course student will be able to</p> <ul style="list-style-type: none"> <li>➤ Outline different types of machinery used in mines.</li> <li>➤ Compare types of rope haulages and its safety appliances.</li> <li>➤ Predict optimist conveyor system in mines</li> </ul> |



**Course Coordinator**



**Head of the Department**

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



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## Department of Mining Engineering

Course Name- Automation in Mining Industry

Scheduled Tenure- 02-11-2021 to 08-11-2021

KLB Room No 402

| S.NO | Dept   | Name                           | Roll No    | Semester |
|------|--------|--------------------------------|------------|----------|
| 1    | MINING | ABDUL MISHAL                   | 17A91A2601 | VII      |
| 2    | MINING | ASWIN P V                      | 17A91A2604 | VII      |
| 3    | MINING | VAISHAK VIJAYAN                | 17A91A2622 | VII      |
| 4    | MINING | AYUSH SINGH                    | 18A91A2601 | VII      |
| 5    | MINING | GOKUL S                        | 18A91A2602 | VII      |
| 6    | MINING | HEMANTH KUMAR S                | 18A91A2603 | VII      |
| 7    | MINING | JADDA SAI CHANAKYA             | 18A91A2604 | VII      |
| 8    | MINING | JAMMALAMADUGU MOHANSAI         | 18A91A2605 | VII      |
| 9    | MINING | JEFFREY RAJA J                 | 18A91A2606 | VII      |
| 10   | MINING | JOMAL JOSE                     | 18A91A2607 | VII      |
| 11   | MINING | KAKARLA BABA RAHEEM            | 18A91A2608 | VII      |
| 12   | MINING | KURAKULA SIVA KRISHNA REDDY    | 18A91A2609 | VII      |
| 13   | MINING | MAHESH RAVEENDRAN . M .        | 18A91A2610 | VII      |
| 14   | MINING | MIRSHAD P M                    | 18A91A2611 | VII      |
| 15   | MINING | MUDAVATHU GOPI                 | 18A91A2613 | VII      |
| 16   | MINING | MUHAMMAD RIYAS.K               | 18A91A2614 | VII      |
| 17   | MINING | MUHAMMED SHAAD                 | 18A91A2615 | VII      |
| 18   | MINING | NELLI UDAY PRAKASH             | 18A91A2616 | VII      |
| 19   | MINING | NITHIL P                       | 18A91A2617 | VII      |
| 20   | MINING | PALAVELLI PRAVEEN REDDY        | 18A91A2618 | VII      |
| 21   | MINING | RAHUL KUMAR DUBEY              | 18A91A2619 | VII      |
| 22   | MINING | REVINSETTY GOWTHAM             | 18A91A2620 | VII      |
| 23   | MINING | SURAJ KUMAR                    | 18A91A2622 | VII      |
| 24   | MINING | TUNUGUNTALA ASHISH REDDY       | 18A91A2623 | VII      |
| 25   | MINING | UMMANENI SRI RAM               | 18A91A2624 | VII      |
| 26   | MINING | VEGURI SUMANTH                 | 18A91A2625 | VII      |
| 27   | MINING | YARLAGADDA SARATH ADITHYA      | 18A91A2626 | VII      |
| 28   | MINING | ADIL SURFAS C                  | 18A91A2627 | VII      |
| 29   | MINING | RAVANAM MURALI VENKATA CHANDRA | 19A95A2601 | VII      |
| 30   | MINING | BATTA CHENGAIHAH               | 19A95A2602 | VII      |
| 31   | MINING | TALARI TIRUPATHI RAO           | 19A95A2603 | VII      |
| 32   | MINING | PAINAM MANOJ                   | 19A95A2604 | VII      |
| 33   | MINING | SHAIK WASIM AKRAM              | 19A95A2605 | VII      |
| 34   | MINING | YEDUVAKA MANIKANTA             | 19A95A2606 | VII      |
| 35   | MINING | THELUKUNTALA ANIL KUMAR        | 19A95A2607 | VII      |
| 36   | MINING | DHARAVATH GANESH               | 19A95A2608 | VII      |
| 37   | MINING | JAMMISHETTI THIRUPATHI         | 19A95A2609 | VII      |
| 38   | MINING | MANGA CHARAN                   | 19A95A2610 | VII      |
| 39   | MINING | YASANI SANJAY BHARGAV          | 19A95A2611 | VII      |
| 40   | MINING | PACHUNURI SAIKUMAR             | 19A95A2612 | VII      |

|    |        |                                 |            |     |
|----|--------|---------------------------------|------------|-----|
| 41 | MINING | GADDAM SRIVARDHAN               | 19A95A2613 | VII |
| 42 | MINING | NICHAKOLLA SAITEJA              | 19A95A2614 | VII |
| 43 | MINING | GADE AKHIL KUMAR                | 19A95A2615 | VII |
| 44 | MINING | BOPPI AJAY                      | 19A95A2616 | VII |
| 45 | MINING | VIDYARATHI AJAY CHAND           | 19A95A2617 | VII |
| 46 | MINING | PABBATHI PRAVEEN                | 19A95A2618 | VII |
| 47 | MINING | PATAPANTHULA HEMANTH KUMAR      | 19A95A2619 | VII |
| 48 | MINING | AYITIPAMULA MAHESH              | 19A95A2620 | VII |
| 49 | MINING | KUNDERU GNANESWAR               | 19A95A2621 | VII |
| 50 | MINING | ANUMU CHANDRA KIRAN             | 19A95A2622 | VII |
| 51 | MINING | MITTAPALLI MALLESH              | 19A95A2623 | VII |
| 52 | MINING | KOTTAKONDA VENKATESH            | 19A95A2624 | VII |
| 53 | MINING | BADHAVENI MANOJ                 | 19A95A2625 | VII |
| 54 | MINING | PALAVAYI SATHISH KUMAR          | 19A95A2626 | VII |
| 55 | MINING | POSHABOINA SAIPAVAN             | 19A95A2627 | VII |
| 56 | MINING | KANKANALA RANJITH KUMAR         | 19A95A2628 | VII |
| 57 | MINING | KORAGANJI YASWANTH              | 19A95A2629 | VII |
| 58 | MINING | GUNDOJU SAIDU KUMAR             | 19A95A2630 | VII |
| 59 | MINING | KOLISHETTI NAVEEN               | 19A95A2631 | VII |
| 60 | MINING | THOTA THARUN                    | 19A95A2632 | VII |
| 61 | MINING | VENNAPUSA GANGA PRATAP REDDY    | 19A95A2633 | VII |
| 62 | MINING | BARUPATI RAJKUMAR               | 19A95A2634 | VII |
| 63 | MINING | B PAVAN KUMAR                   | 19A95A2635 | VII |
| 64 | MINING | EGGETI BHARATH                  | 19A95A2636 | VII |
| 65 | MINING | THATIKONDA SAIKIRAN             | 19A95A2637 | VII |
| 66 | MINING | VERPULA KUSHALAV KUMAR          | 19A95A2638 | VII |
| 67 | MINING | ANTHADUPULA SHANMUKH            | 19A95A2639 | VII |
| 68 | MINING | MOHAMMAD ANIF                   | 19A95A2640 | VII |
| 69 | MINING | AMISI RWANYANGE MAURICE         | 19A91A2601 | V   |
| 70 | MINING | ANIKET MAHATO                   | 19A91A2602 | V   |
| 71 | MINING | BHARAT KUMAR MAHATO             | 19A91A2603 | V   |
| 72 | MINING | BHUVANESH                       | 19A91A2604 | V   |
| 73 | MINING | BOLLIGARLA TRISHA               | 19A91A2605 | V   |
| 74 | MINING | CHINTAMREDDY DEVI PRATHAP REDDY | 19A91A2606 | V   |
| 75 | MINING | KOLLA SAKETH                    | 19A91A2607 | V   |
| 76 | MINING | MAYANK VERMA                    | 19A91A2608 | V   |
| 77 | MINING | PANCHADA SURYAKIRAN             | 19A91A2609 | V   |
| 78 | MINING | SHAIK MUSHARAF                  | 19A91A2611 | V   |
| 79 | MINING | SHAIK SAMEER                    | 19A91A2612 | V   |
| 80 | MINING | TULABANDULA ESWAR NAGA SAI      | 19A91A2613 | V   |
| 81 | MINING | VENNAPUSA PAVAN KUMAR REDDY     | 19A91A2614 | V   |
| 82 | MINING | ADESH K A                       | 19A91A2615 | V   |
| 83 | MINING | YARRABOTHULA PHANIKUMAR REDDY   | 20A95A2601 | V   |
| 84 | MINING | KANDAVALLI RAMBABU              | 20A95A2602 | V   |
| 85 | MINING | BHUKYA VEERANNA                 | 20A95A2603 | V   |
| 86 | MINING | ALAMURI MAHAMMAD SHARIF         | 20A95A2604 | V   |
| 87 | MINING | GODDUVELAGALA GANESH            | 20A95A2605 | V   |
| 88 | MINING | CHITTE SAI KIRAN                | 20A95A2606 | V   |
| 89 | MINING | SIMHAM SIVA PRASAD              | 20A95A2607 | V   |
| 90 | MINING | ILAPURAM ARAVIND                | 20A95A2608 | V   |
| 91 | MINING | BHUKYA PAVAN KUMAR              | 20A95A2609 | V   |

|     |        |                       |            |   |
|-----|--------|-----------------------|------------|---|
| 92  | MINING | BANALA VAMSHI KRISHNA | 20A95A2610 | V |
| 93  | MINING | PIDUGU SAI VAMSHI     | 20A95A2611 | V |
| 94  | MINING | ESLAVATH MOHAN RAO    | 20A95A2612 | V |
| 95  | MINING | BODDUPALLI RAKESH     | 20A95A2613 | V |
| 96  | MINING | JATOTH KARTHIK        | 20A95A2614 | V |
| 97  | MINING | MADASU SAI KIRAN      | 20A95A2615 | V |
| 98  | MINING | KANNA SUBBA RAO       | 20A95A2616 | V |
| 99  | MINING | POLOJU RAVI TEJA      | 20A95A2617 | V |
| 100 | MINING | DEVARAPU PREM KUMAR   | 20A95A2618 | V |
| 101 | MINING | BUDATI VINAY BABU     | 20A95A2619 | V |
| 102 | MINING | VASALA SANNITH KUMAR  | 20A95A2620 | V |
| 103 | MINING | AKULA PAVANKALYAN     | 20A95A2621 | V |
| 104 | MINING | LAKKAM SRINIVAS       | 20A95A2622 | V |
| 105 | MINING | PEDDINTI HARISH       | 20A95A2623 | V |
| 106 | MINING | KOTHAKONDA ARUN TEJA  | 20A95A2624 | V |
| 107 | MINING | PANATHALA SUNIL KUMAR | 20A95A2625 | V |
| 108 | MINING | VARIGADDI MANJUNATH   | 20A95A2626 | V |



Faculty Co-Ordinator



Head of the Department

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



|    |            |                                   |     |              |              |              |              |              |              |              |              |              |              |              |
|----|------------|-----------------------------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | 18A91A2624 | UMMANENI SRI RAM                  | VII | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       | gaitam       |
| 26 | 18A91A2625 | VEGURI SUMANTH                    | VII | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   | V. Sumanth   |
| 27 | 18A91A2626 | YARLAGADDA SARATH ADITHYA         | VII | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    | Y. Sarath    |
| 28 | 18A91A2627 | ADIL SURFAS C                     | VII | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       | Surbas       |
| 29 | 19A95A2601 | KAVANAM MURALI VENKATA<br>CHANDRA | VII | chandra      | chandra      | A            | chandra      | chandra      | chandra      | chandra      | chandra      | chandra      | chandra      | chandra      |
| 30 | 19A95A2602 | BATTA CHENGAIAH                   | VII | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      | Chengai      |
| 31 | 19A95A2603 | TALARI TIRUPATHI RAO              | VII | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi |
| 32 | 19A95A2604 | PAINAM MANOJ                      | VII | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     | P. Manoj     |
| 33 | 19A95A2605 | SHAIK WASIM AKRAM                 | VII | Akram        | Akram        | Akram        | Akram        | Akram        | Akram        | Akram        | A            | Akram        | Akram        | Akram        |
| 34 | 19A95A2606 | YEDUVAKA MANIKANTA                | VII | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta | Y. Manikanta |
| 35 | 19A95A2607 | THELUKUNTALA ANIL KUMAR           | VII | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         | Anil         |
| 36 | 19A95A2608 | DHARAVATH GANESH                  | VII | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       | Ganesh       |
| 37 | 19A95A2609 | JAMMISHETTI THIRUPATHI            | VII | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi | T. Tirupathi |
| 38 | 19A95A2610 | MANGA CHARAN                      | VII | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    | M. Charan    |
| 39 | 19A95A2611 | YASANI SANJAY BHARGAV             | VII | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      | Bhargav      |
| 40 | 19A95A2612 | PACHUNURI SAIKUMAR                | VII | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  | P. Saikumar  |
| 41 | 19A95A2613 | GADDAM SRIVARDHAN                 | VII | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   | S. Vardhan   |
| 42 | 19A95A2614 | NICHAKOLLA SAITEJA                | VII | N. Saiteja   | N. Saiteja   | A            | N. Saiteja   | N. Saiteja   | A            | N. Saiteja   | N. Saiteja   | N. Saiteja   | N. Saiteja   | N. Saiteja   |
| 43 | 19A95A2615 | GADE AKHIL KUMAR                  | VII | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        | Gadey        |
| 44 | 19A95A2616 | BOPPI AJAY                        | VII | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      | B. Ajay      |
| 45 | 19A95A2617 | VIDYARATHI AJAY CHAND             | VII | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         | Ajay         |
| 46 | 19A95A2618 | PABBATHI PRAVEEN                  | VII | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   | P. Praveen   |
| 47 | 19A95A2619 | PATAPANTHULA HEMANTH KUMAR        | VII | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       | Hemant       |
| 48 | 19A95A2620 | AYITIPAMULA MAHESH                | VII | Mahesh       | Mahesh       | Mahesh       | Mahesh       | Mahesh       | Mahesh       | Mahesh       | A            | Mahesh       | Mahesh       | Mahesh       |
| 49 | 19A95A2621 | KUNDERU GNANESWAR                 | VII | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  | G. Ganeswar  |
| 50 | 19A95A2622 | ANUMU CHANDRA KIRAN               | VII | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   | A. Chandra   |
| 51 | 19A95A2623 | MITTAPALLI MALLESH                | VII | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       | Malles       |
| 52 | 19A95A2624 | KOTTAKONDA VENKATESH              | VII | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh | V. Venkatesh |
| 53 | 19A95A2625 | BADHAVENI MANOJ                   | VII | B. Manoj     | B. Manoj     | A            | B. Manoj     | B. Manoj     | B. Manoj     | B. Manoj     | B. Manoj     | B. Manoj     | B. Manoj     | B. Manoj     |
| 54 | 19A95A2626 | PALAVAYI SATHISH KUMAR            | VII | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   | P. Sathish   |
| 55 | 19A95A2627 | POSHABOINA SAIPAVAN               | VII | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          | Sai          |

Flow

|    |            |                                  |     |            |            |            |            |            |            |            |            |            |            |            |            |
|----|------------|----------------------------------|-----|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 56 | 19A95A2628 | KANKANALA RANJITH KUMAR          | VII | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    | Ranjith    |
| 57 | 19A95A2629 | KORAGANJI YASWANTH               | VII | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth | K.yaswanth |
| 58 | 19A95A2630 | GUNDOJU SAIDU KUMAR              | VII | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    | G.saidu    |
| 59 | 19A95A2631 | KOLISHETTI NAVEEN                | VII | K.naveen   | A          | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   | K.naveen   |
| 60 | 19A95A2632 | THOTA THARUN                     | VII | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   | T.tharun   |
| 61 | 19A95A2633 | VENNAPUSA GANGA PRATAP REDDY     | VII | VP         | VP         | VP         | VP         | VP         | VP         | VP         | VP         | VP         | VP         | VP         | VP         |
| 62 | 19A95A2634 | BARUPATI RAJKUMAR                | VII | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | Rajkumar   | A          | Rajkumar   | Rajkumar   |
| 63 | 19A95A2635 | B PAVAN KUMAR                    | VII | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    | B.kumar    |
| 64 | 19A95A2636 | EGGETI BHARATH                   | VII | Bharath    | Bharath    | Bharath    | Bharath    | A          | Bharath    | Bharath    | Bharath    | Bharath    | Bharath    | Bharath    | Bharath    |
| 65 | 19A95A2637 | THATIKONDA SAIKIRAN              | VII | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      | Saiki      |
| 66 | 19A95A2638 | VERPULA KUSHALAV KUMAR           | VII | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    | V.Kumar    |
| 67 | 19A95A2639 | ANTHADUPULA SHANMUKH             | VII | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   | shanmukh   |
| 68 | 19A95A2640 | MOHAMMAD ANIF                    | V   | manif      | manif      | manif      | manif      | manif      | manif      | manif      | manif      | manif      | manif      | manif      | manif      |
| 69 | 19A91A2601 | AMISI RWANYANGE MAURICE          | V   | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    | Maurice    |
| 70 | 19A91A2602 | ANIKET MAHATO                    | V   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   | A.Mahato   |
| 71 | 19A91A2603 | BHARAT KUMAR MAHATO              | V   | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     | Bharat     |
| 72 | 19A91A2604 | BHUVANESH                        | V   | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  | bhuvanesh  |
| 73 | 19A91A2605 | BOLLIGARLA TRISHA                | V   | Trisha     | Trisha     | Trisha     | Trisha     | Trisha     | A          | Trisha     | Trisha     | Trisha     | Trisha     | Trisha     | Trisha     |
| 74 | 19A91A2606 | CHINTAMKREDDY DEVI PRATHAP REDDY | V   | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    | Prathap    |
| 75 | 19A91A2607 | KOLLA SAKETH                     | V   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   | K.saketh   |
| 76 | 19A91A2608 | MAYANK VERMA                     | V   | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    | M.verma    |
| 77 | 19A91A2609 | PANCHADA SURYAKIRAN              | V   | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        | P.S        |
| 78 | 19A91A2611 | SHAIK MUSHARAF                   | V   | musharaf   | musharaf   | musharaf   | musharaf   | A          | musharaf   | musharaf   | musharaf   | musharaf   | musharaf   | musharaf   | musharaf   |
| 79 | 19A91A2612 | SHAIK SAMEER                     | V   | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        | S.S        |
| 80 | 19A91A2613 | TULABANDULA ESWAR NAGA SAI       | V   | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        | Sai        |
| 81 | 19A91A2614 | VENNAPUSA PAVAN KUMAR REDDY      | V   | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        | V.P        |
| 82 | 19A91A2615 | ADESH K A                        | V   | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      | Adesh      |
| 83 | 20A95A2601 | TAKKABOTHULA PRANIKUMAR REDDY    | V   | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     | Pranik     |
| 84 | 20A95A2602 | KANDAVALLI RAMBABU               | V   | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    | Rambabu    |
| 85 | 20A95A2603 | BHUKYA VEERANNA                  | V   | B.V        | B.V        | B.V        | B.V        | B.V        | A          | B.V        | B.V        | B.V        | B.V        | B.V        | B.V        |
| 86 | 20A95A2604 | ALAMURI MAHAMMAD SHARIF          | V   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   | M.sharif   |

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|     |            |                                 |   |            |            |            |            |            |            |            |            |            |            |            |
|-----|------------|---------------------------------|---|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| 87  | 20A95A2605 | GODDUVELAGALA GANESH            | V | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   | G.ganesh   |
| 88  | 20A95A2606 | CHITTE SAI KIRAN                | V | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    | S.Kiran    |
| 89  | 20A95A2607 | SIMHAM SIVA PRASAD              | V | S.vprasad  | S.vprasad  | S.vprasad  | S.vprasad  | S.vprasad  | S.vprasad  | S.vprasad  | A          | S.vprasad  | S.vprasad  | S.vprasad  |
| 90  | 20A95A2608 | ILAPURAM ARAVIND                | V | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      | I.Aru      |
| 91  | 20A95A2609 | BHUKYA PAVAN KUMAR              | V | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      | Pavan      |
| 92  | 20A95A2610 | BANALA VAMSHI KRISHNA           | V | Vamshi     | Vamshi     | Vamshi     | A          | Vamshi     | Vamshi     | Vamshi     | Vamshi     | Vamshi     | Vamshi     | Vamshi     |
| 93  | 20A95A2611 | PIDUGU SAI VAMSHI               | V | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi | Sai Vamshi |
| 94  | 20A95A2612 | ESLAVATH MOHAN RAO              | V | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      | Mohan      |
| 95  | 20A95A2613 | BODDUPALLI RAKESH               | V | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   | B.Rakesh   |
| 96  | 20A95A2614 | JATOTH KARTHIK                  | V | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   | J.Karthi   |
| 97  | 20A95A2615 | MADASU SAI KIRAN                | V | Sai Kiran  | Sai Kiran  | Sai Kiran  | Sai Kiran  | Sai Kiran  | Sai Kiran  | Sai Kiran  | A          | Sai Kiran  | Sai Kiran  | Sai Kiran  |
| 98  | 20A95A2616 | KANNA SUBBA RAO                 | V | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      | SUBBA      |
| 99  | 20A95A2617 | POLOJU RAVI TEJA                | V | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       | Ravi       |
| 100 | 20A95A2618 | DEVARAPU PREM KUMAR             | V | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      | Kumar      |
| 101 | 20A95A2619 | BUDATI VINAY BABU               | V | B.Babu     | B.Babu     | B.Babu     | A          | B.Babu     | B.Babu     | B.Babu     | B.Babu     | B.Babu     | B.Babu     | B.Babu     |
| 102 | 20A95A2620 | VASALA SANNITH KUMAR            | V | Sannith    | A          | Sannith    | Sannith    | Sannith    | Sannith    | Sannith    | Sannith    | Sannith    | Sannith    | Sannith    |
| 103 | 20A95A2621 | AKULA PAVANKALYAN               | V | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      | A.Pku      |
| 104 | 20A95A2622 | LAKKAM SRINIVAS                 | V | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas | L.Srinivas |
| 105 | 20A95A2623 | PEDDINTI HARISH                 | V | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   | P.Harish   |
| 106 | 20A95A2624 | KOTHAKONDA ARUN TEJA            | V | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       | Arun       |
| 107 | 20A95A2625 | PANATHALA SUNIL KUMAR           | V | P.Sunil    | P.Sunil    | P.Sunil    | P.Sunil    | P.Sunil    | P.Sunil    | A          | P.Sunil    | P.Sunil    | P.Sunil    | P.Sunil    |
| 108 | 20A95A2626 | VARIGADDI MANJUNATH             | V | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    | V.Manju    |
|     |            | Day-Day Course Coordinator Sign |   |            |            |            |            |            |            |            |            |            |            |            |

  
Course Coordinator

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



# ADITYA ENGINEERING COLLEGE(A)

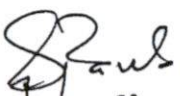
An Autonomous Institution

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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 AYUSH SINGH bearing roll no 18A91A2601 of  
VII Semester has completed the Value Added Course "Automation in  
Mining Industry" during the period 02-11-2021 to 08-11-2021.

  
Course Coordinator

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

# MEDIKONDU JOHN WILLIAM

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No 8, Boduppall, Hyderabad,  
Telangana, Pin-500092.

Phone: +91 9505647021.

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## OBJECTIVE

To enhance and utilize my engineering knowledge and interpersonal skills to achieve the goals of the organization and to secure a responsible position which will enable my career growth.

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## EDUCATION

- |                                                                                                                                                      |                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| ▪ <b>Masters of Engineering in Mining Engineering</b><br>University College of Engineering,<br>Osmania University,<br>Hyderabad, Telangana,<br>2021. | Percentage – 74.29 % |
| ▪ <b>Bachelor of Technology in Mining Engineering</b><br>JNTUH College of engineering, Manthani,<br>JNTUH, Centenary Colony,<br>Telangana, 2017.     | Percentage – 68.9 %  |
| ▪ <b>Intermediate in MPC</b><br>Sujatha Junior College,<br>Ponnur, A.P.,<br>2013.                                                                    | Percentage – 87.2 %  |
| ▪ <b>SSC</b><br>A.P.S.W.R. School,<br>Pallapatla, A.P.,<br>2011.                                                                                     | Percentage – 72.3 %  |

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## SKILLS

QGIS, Arc GIS, ERDAS imagine, Microsoft Office, Quick Learner, Good Listener, Team Player, Self-Motivator, Good Planning, Sports Enthusiast, Adaptability and Flexibility.

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## PROJECTS & TRAININGS

- M.E: A Project on Monitoring the Effects of Mining on LULC using RS & GIS techniques.
- B.Tech: A project on "BACK FILLING AND DUMPING OF OVERBURDEN IN OPENCAST MINE" at GDK RG III OC2 Mine SCCL, Telangana.
- Undergone Industrial Training/Vocational Practical Training at GDK 11 Incline, Godavarikhani, Telangana.

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## HONOURS & AWARDS

- Participated in Ball Badminton representing JNTUH during the event of All India Inter University Men's tournament held at Mangalore University, Mangalore, 2016.
- Participated in Ball Badminton doubles and bagged second position during the events of Inter Collegiate Central Zone Tournaments held at JNTUH College of Engineering, Manthani, 2014.

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

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**CERTIFICATIONS & COURSES/ National Seminars / Conferences / Workshops Attended**

- National Level Symposium (AAVISHKRUTH 2K14) held at JNTUHCEM, Manthani, Telangana.
- National Level One- day Workshop on “ADVANCED EXPLORATION TECHNIQUES IN MINING” held at University College of Engineering (A), Osmania University, Hyderabad, Telangana.
- All India Seminar on “IMPACT OF RECENT POLICIES ON MINERAL - INDUSTRIES” held at Visvesvaraya Bhavan, khairatabad from 15th to 16th March, 2019.Organized by The Institution of Engineers (India), Telangana State Center.
- International Conference on “EMERGING TRENDS IN ENGINEERING (ICETE)” held at University College of Engineering (A), from 22 to 23rd March, 2019. Organized by Alumni Association of UCE, Hyderabad, Telangana.

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**MEMBERSHIP OF PROFESSIONAL BODIES**

- Associate member of The Institution of Engineers (India).

**Declaration:**

I hereby declare that all the above-furnished information is correct and true to the best of my knowledge.

Date:

Place:

**MEDKONDU JOHN WILLIAM**

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