



## MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad). Accredited 2<sup>nd</sup> time by NAAC with 'A' Grade, Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad, Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

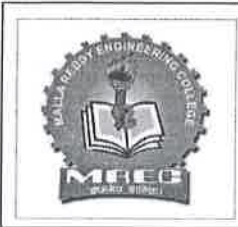
### DEPARTMENT OF MINING ENGINEERING Value Added Courses

**2015-2016**

Sl No	Name of the value added courses	Year /sem Offered	Date From	Date To	Number of students enrolled
1	Advanced in Mining Machinery	III-I	14-12-2015	19-12-2015	42

*Mreddy*  
HOD MIN

Head of the Dept.  
Dept. of Minfng  
Malla Reddy Engg. College



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution, Affiliated to JNTUH, Hyderabad Accredited 2<sup>nd</sup> time by NAAC  
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP--II S.C. 1.1)  
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State – 500100  
www.mrec.ac.in

## Department of Mining Engineering

### CIRCULAR

Date: 10/12/2015

All the students are hereby informed that Value Added Course on “**Advances in Mining Machinery** on date 14<sup>th</sup> to 19<sup>th</sup> December, is being organized by the mining engineering department.

Students are advised to register their names to the program coordinator “**Shri SK Sameer Pasha**”, on or before 13/12/2015 and utilize this opportunity to enhance their skills by attending the program.

The detailed schedule of the program will be displayed in the notice board.

*Resh*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100

*Suddy*  
Head of the Department  
Head of the Dept.  
Dept. of Mining  
Malla Reddy Engg. College

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.



Malla Reddy Engineering College (Autonomous) (MREC) is a fulfillment of the distinct vision of its Founder Chairman, **Sri. Ch. Malla Reddy**, the present MLA from Medchal Assembly constituency and Honourable Minister of Labour, Employment, Women and Child Development, Government of Telangana. MREC is one of the premier Engineering Colleges in the State of Telangana, established in the year 2002, approved by AICTE, New Delhi and affiliated to JNTUH, Hyderabad. The Institute is reaccredited by NBA and NAAC with 'A' Grade (II cycle). MREC has been conferred upon the Autonomous status by the University Grants Commission, Government of India in the year 2014. MREC is established with the aim of providing high quality technical education through constant innovation and academic excellence. It offers courses in the disciplines of Civil, EEE, ECE, ME, CSE, IT and Mining Engineering. MREC offers five M.Tech. Programmes and a MBA programme. MREC(A) has an impressive on-campus recruitment record with many leading corporates regularly visiting and recruiting students.

**DEPARTMENT OF MINING ENGINEERING**  
Mining Engineering was started during 2013 in MREC(A), with an intake of 60 students per batch. So far, three batches of students have passed out and employed in various reputed government and private organizations within and outside the country. A good number of students are perusing higher education in India & abroad. This Department is the biggest in terms of the faculty strength in the entire South India and one of the best in the quality of faculty. The faculty are drawn from Academics, Research, Industry and Central Government Regulatory Bodies and are excellent blend of experienced and youngsters with good number of them with Ph.D. qualification. The faculty have the experience of carrying out research and consultancy works for more than 30 years. The department is continuously striving to improve the quality of education offered to the students by exposing them to various additional activities like Seminars, Conferences, Workshops, Guest Lectures, Industrial Visits, Industrial Training, On-line training programmes, Short-term courses in the mining and related areas, etc.



#### Chief Patron

**Shri. Ch. Malla Reddy, M.L.A.**

Honorable Minister of Labor, Employment,  
Women and Child Development, Government of T.S

**Founder Chairman, MRGI**

#### Patrons

**Shri.Ch. Mahender Reddy, Secretary, MRGI**

**Dr. Ch. Bhadra Reddy, President, MRGI**

**Shri P.Praveen Reddy, Director, MRGI**

#### Chairman

**Dr. S. Sudhakara Reddy, Principal, MREC (A)**

#### ADVISORY COMMITTEE

- Shri Shyam Mishra , DMS, Hyderabad Region-I
- Shri Mohammad Niyazi, DMS, Hyderabad Region-II
- Shri B.R.V. Susheel Kumar, DMG, TS, Chairman, MEAI Hyderabad Chapter
- Shri S.V.S.S. Ramalingeswarudu, GM (HRD), SCCL
- Dr. R. Markandeya, Principal JNTUH-Manthani
- Shri K.J. Amaranth, Rtd CMG,SCCL
- Dr. Gopal Naik, HOD, Civil Engineering OU College of Engineering, Hyderabad
- Dr. I. Srinivas, HOD Min.E, Kakatiya University

#### CONVENER

**Shri. Narasimha reddy, HoD, Min.E, MREC (A)**

#### COORDINATOR

**Shri.SK. Sameer Pasha, Asst Prof., Min.E, MREC (A)**

#### Members

**Shri.D. Chandraekhar, Professor**

**Dr. K.V. Shankar, Professor**

**Shri.N.S.R. Krishna Prasad, Professor**

**Shri.SK. Sameer Pasha, Asst.Prof**

**Shri.M.Vishnu Teja, Asst.Prof**

**Shri.P.Shashikanth, Asst.Prof**

**Shri.G. Harish, Asst.Prof**

**Address for Correspondence**

Department of Mining Engineering, MREC (A)

Contact: 9700881880, 9491145161, 9940674227

E-mail ID: rtme2019@gmail.com



**Department of Mining Engineering**  
**Malla Reddy Engineering College**  
(Autonomous)

**is Organizing**

**Value Added Course**  
**On**

**Advances in Mining Machinery**

14th -19<sup>th</sup> December, 2015



**Venue: Knowledge Center, MREC(A)**

**MALLA REDDY ENGINEERING**  
**COLLEGE**

(AUTONOMOUS) MAIN CAMPUS

A UGC Autonomous Institution, Approved by  
AICTE & Affiliated to JNTUH-Hyderabad  
Reaccredited by NAAC with 'A' Grade (II Cycle)  
Maisammaguda, Dhulapally (Post) Via Kompally,  
Secunderabad-500100, Telangana State, India

**PRINCIPAL**  
**Malla Reddy Engineering College (Autonomous)**  
**(Post Via Kompally), Sec'bad-500 100.**

### Value Added Course

To understand the functioning of winding engines and other winding accessories. To study surface and pit bottom layouts, various coal face machinery. To study the design and construction details of excavating & transporting equipment's used in surface mines. To know the various statutory aspects like CMR, MMR and the relevant DGMS circulars related to this course. To understand the electrical layouts and power distribution in mine. To study the rope haulage layouts, technical details and applications. To study the various modes of transport means and electrical circuits. To study the types of pumps, installations and design calculations.

### RESOURCE PERSONS

- Shri.D. Chandrakhar, Professor, Min.E, MREC (A)
- Shri N.S.R .Krishna Prasad, Professor, Min.E, MREC(A)
- Dr. R. S. Reddy, Prof., Min.E, MREC (A)
- Shri N. Sri Chandahas, Asst. Professor. Min.E, MREC(A)

### ELIGIBILITY

III Year Students of Mining Engineering

### Objectives of the Programme:

- To imbibe the skills and competencies required to achieve goals directed by values.
- To maintain and enhance faculty effectiveness by inculcating dynamism and leadership qualities.
- To develop commitment and ethical approach towards work, and instill a sense of responsibility towards the institution.
- To enhance communication and soft skills of the faculty by introducing innovative teaching methodologies and developing an interpersonal connection with students.



### Topics to be covered:

- :Understand Different types of motive power used in mines and different types of wire ropes and their applications
- Understand different types of rope haulages
- Understand diesel, trolley-wire, battery locomotives and machinery used in underground 97 workings
- Understand different types of pumps and belt conveyor
- Understand how electricity will be supplied in mines.

### Test and Certificate:

A test will be conducted at the end of the program and the certificates shall be issued to those participants

### OUTCOME OF THE PROGRAM

The Students will acquire knowledge on

- Understand Different types of motive power used in mines and different types of wire ropes and their applications
- Understand different types of rope haulages
- Understand diesel, trolley-wire, battery locomotives and machinery used in underground 97 workings
- Understand different types of pumps and belt conveyor
- Understand how electricity will be supplied in mines.

Department of Mining Engineering  
Malla Reddy Engineering College  
(Autonomous)

is Organizing

### Value Added Course On Advances in Mining Machinery

14th -19<sup>th</sup> December, 2015

### REGISTRATION FORM

Name: .....

Name of the Institute: .....

Organization: .....

Address: .....

Mobile Number: .....

E-mail ID: .....

Date:

Signature

*Principal*  
PRINCIPAL

Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

**DEPARTMENT OF MINING ENGINEERING**

Value Added Course  
On

**Advances in Mining Machinery**

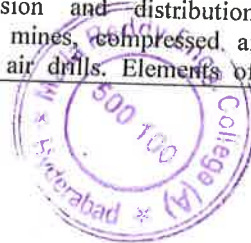
14<sup>th</sup> -19<sup>th</sup> December, 2015

Programme Schedule

Date	Time	Topic	Resource Person
14-12-2015	9:30 – 11.00AM	Inaugural function	Shri.SK. Sameer Pasha -
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Construction of the wire ropes, rope haulages–gravity, direct, balanced direct, main & tail, endless, reversible endless. Suitability of these haulages and their limitations. Dimension of ropes, drums and pulleys, care and maintenance of ropes, changing of haulage ropes, rope splicing, safety appliances in haulage road, and signaling, statutory requirements of haulages.	Shri. D. Chandrasekhar
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Construction of the wire ropes, rope haulages–gravity, direct, balanced direct, main & tail, endless, reversible endless. Suitability of these haulages and their limitations. Dimension of ropes, drums and pulleys, care and maintenance of ropes, changing of haulage ropes, rope splicing, safety appliances in haulage road, and signaling, statutory requirements of haulages.	Shri N.S.R .Krishna Prasad
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Construction of the wire ropes, rope haulages–gravity, direct, balanced direct, main & tail, endless, reversible endless. Suitability of these haulages and their limitations. Dimension of ropes, drums and pulleys, care and maintenance of ropes, changing of haulage ropes, rope splicing, safety appliances in haulage road, and signaling, statutory requirements of haulages.	Dr. R. S. Reddy
15-12-2015	9:30 – 11.00AM	Different types of motive power used in mines – their field of application, relative merits and demerits; transmission and distribution of compressed air in mines, compressed air in mines, compressed air drills. Elements of the	Dr. R. S. Reddy

*Ravi*  
Principal

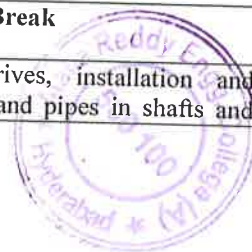
Malla Reddy Engineering College  
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Head of the Dept.  
Dept. of Mining  
Malla Reddy Engg. College

		transport system, classification and technoeconomic indices. Wire ropes – classification, construction, fields of application, rope capping and splicing; deterioration of rope in use and its prevention; testing of ropes, selection and maintenance, rope calculations.	
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Different types of motive power used in mines – their field of application, relative merits and demerits; transmission and distribution of compressed air in mines, compressed air in mines, compressed air drills. Elements of the transport system, classification and technoeconomic indices. Wire ropes – classification, construction, fields of application, rope capping and splicing; deterioration of rope in use and its prevention; testing of ropes, selection and maintenance, rope calculations	Shri N. Sri Chandrahas
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Different types of motive power used in mines – their field of application, relative merits and demerits; transmission and distribution of compressed air in mines, compressed air in mines, compressed air drills. Elements of the transport system, classification and technoeconomic indices. Wire ropes – classification, construction, fields of application, rope capping and splicing; deterioration of rope in use and its prevention; testing of ropes, selection and maintenance, rope calculations	Shri. D. Chandrasekhar
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Different types of motive power used in mines – their field of application, relative merits and demerits; transmission and distribution of compressed air in mines, compressed air in mines, compressed air drills. Elements of the transport system, classification and technoeconomic indices. Wire ropes – classification, construction, fields of application, rope capping and splicing; deterioration of rope in use and its prevention; testing of ropes, selection and maintenance, rope calculations	Shri N.S.R .Krishna Prasad
16-12-2015	9:30 – 11.00AM	Different types of drives, installation and maintenance of pumps and pipes in shafts and roadways, electrical layouts, various sources of water in mines, design of sumps. Face haulage and conveyors – Various types of conveyors, Scraper chain conveyors, AFCs, belt conveyors, cable belt conveyor, shaking and vibrating conveyors, armoured flexible conveyors, high angle conveying, electrical layouts. Numerical problems in conveyors.	Dr. R. S. Reddy
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Different types of drives, installation and maintenance of pumps and pipes in shafts and	Dr. R. S. Reddy

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*Reddy*  
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Dept. of Mining  
Malla Reddy Engg. College

		roadways, electrical layouts, various sources of water in mines, design of sumps. Face haulage and conveyors – Various types of conveyors, Scraper chain conveyors, AFCs, belt conveyors, cable belt conveyor, shaking and vibrating conveyors, armoured flexible conveyors, high angle conveying, electrical layouts. Numerical problems in conveyors.	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Different types of drives, installation and maintenance of pumps and pipes in shafts and roadways, electrical layouts, various sources of water in mines, design of sumps. Face haulage and conveyors – Various types of conveyors, Scraper chain conveyors, AFCs, belt conveyors, cable belt conveyor, shaking and vibrating conveyors, armoured flexible conveyors, high angle conveying, electrical layouts. Numerical problems in conveyors.	Shri N. Sri Chandrahas
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Different types of drives, installation and maintenance of pumps and pipes in shafts and roadways, electrical layouts, various sources of water in mines, design of sumps. Face haulage and conveyors – Various types of conveyors, Scraper chain conveyors, AFCs, belt conveyors, cable belt conveyor, shaking and vibrating conveyors, armoured flexible conveyors, high angle conveying, electrical layouts. Numerical problems in conveyors.	Shri N. Sri Chandrahas
17-12-2015	9:30 – 11.00AM	Distribution of electric power in mines, types of mine cables and their fields of applications, mining switch gears and their installation in hazardous atmosphere, flame proof enclosures, intrinsically safe circuits, (examples) safety aspects and signaling. Mine telephone system and latest development in mine communications.	Shri N.S.R .Krishna Prasad
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Distribution of electric power in mines, types of mine cables and their fields of applications, mining switch gears and their installation in hazardous atmosphere, flame proof enclosures, intrinsically safe circuits, (examples) safety aspects and signaling. Mine telephone system and latest development in mine communications.	Dr. R. S. Reddy
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	2:30 – 2:45PM	Tea Break	

*Ravi*  
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*Reddy*  
Head of the Dept  
Dept. of Mining  
Malla Reddy Engg. College

	<b>2:45 -4:00 PM</b>	Distribution of electric power in mines, types of mine cables and their fields of applications, mining switch gears and their installation in hazardous atmosphere, flame proof enclosures, intrinsically safe circuits, (examples) safety aspects and signaling. Mine telephone system and latest development in mine communications.	Shri N. Sri Chandrahas
18-12-2015	<b>9:30 – 11.00AM</b>	<b>MSA D6 Methanometer:</b> Description and working principle, Test procedure, Use of telescopic probe.	Shri. D. Chandrasekhar
	<b>11:00 -11:15AM</b>	<b>Tea Break</b>	
	<b>11.15 – 12:45 PM</b>	<b>MSA D6 Methanometer:</b> Description and working principle, Test procedure, Use of telescopic probe.	Shri N.S.R .Krishna Prasad
	<b>12:45 – 1:30PM</b>	<b>Lunch</b>	
	<b>1:30 – 2:30 PM</b>	Classification. Hydraulic system diagram. Under carriage. Design and Constructional details of Front end loaders, Hydraulic excavators and Electric Rope shovel, Backhoe, Dragline, and Bucket Wheel Excavator. Bucket Chain Excavator and Surface Miners.	Shri N.S.R .Krishna Prasad
	<b>2:30 – 2:45PM</b>	<b>Tea Break</b>	
	<b>2:45 -4:00 PM</b>	Classification. Hydraulic system diagram. Under carriage. Design and Constructional details of Front end loaders, Hydraulic excavators and Electric Rope shovel, Backhoe, Dragline, and Bucket Wheel Excavator. Bucket Chain Excavator and Surface Miners.	Dr. R. S. Reddy
19-12-2015	<b>9:30 – 11.00AM</b>	CMR, MMR, DGMS, Technical circulars and permissions for Mining machinery.	Shri. D. Chandrasekhar
	<b>11:00 -11:15AM</b>	<b>Tea Break</b>	
	<b>11.15 – 12:45 PM</b>	CMR, MMR, DGMS, Technical circulars and permissions for Mining machinery.	Shri. D. Chandrasekhar
	<b>12:45 – 1:30PM</b>	<b>Lunch</b>	
	<b>1:30 – 2:30 PM</b>	Interactive session & Test for students	Shri.SK. Sameer Pasha
	<b>2:30 – 2:45PM</b>	<b>Tea Break</b>	
	<b>2:45 -4:00 PM</b>	Feedback session	Shri.SK. Sameer Pasha -

  
 Principal  
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 Maisammaguda, Dhulapally,  
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 Head of the Dept.  
 Dept. of Mining  
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Telangana State – 500100, www.mrec.ac.in

**Department: Mining Engineering**

**Course : Advanced in Mining Machinery**

**Date: 14<sup>th</sup> To -19<sup>th</sup> December, 2015**

**Registration students list**

Sl.No	Roll No	Name	Sl.No	Roll No	Name
1	13J41A2501	AITHA MANI TEJA	15	13J41A2517	GOSKULA VISHNUVARDHAN
2	13J41A2502	BAIRI RAVI THEJA	16	13J41A2518	GUMASA BHASKAR
3	13J41A2503	BATHULA SRINIVAS	17	13J41A2519	GUMMADI NARENDER
4	13J41A2504	BEDDALA VAMSHIKRISHNA	18	13J41A2520	GUTHIKONDA SHIVA KUMAR
5	13J41A2505	BELLAM ARUN	19	13J41A2521	HALAVATH BHARATH NAIK
6	13J41A2506	BHUKYA BASHA NAYAK	20	13J41A2522	JAVVAJI VENKATESH
7	13J41A2507	BINGI MAHESH	21	13J41A2523	KADIYALA SAI BHARGAV
8	13J41A2508	BOLLAPELLI SRINIVAS	22	13J41A2524	KALLOJI RAJESH
9	13J41A2509	CHITTI RAHUL	23	13J41A2525	KALWAL KUNAL LAXMAN
10	13J41A2511	DONGALA SRIKANTH	24	13J41A2526	KAMA AJAY
11	13J41A2513	GADDA SURESH	25	13J41A2527	KANDUNURI SUNIL
12	13J41A2514	GADIKOPPULA SHIVAKUMAR	26	13J41A2528	KATTULA KARTHIK
13	13J41A2515	GANDLA RAJKUMAR	27	13J41A2529	KOLIPAKA VINAY
14	13J41A2516	GANDU SRIKANTH	28	13J41A2530	KOMURAVELLY SUMANTH
15	13J41A2517	GOSKULA VISHNUVARDHAN	29	13J41A2531	KOTIKA TULASI RAM
16	13J41A2518	GUMASA BHASKAR	30	13J41A2532	LINGALA VENKATESH

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31	14J41A2501	AMBIR SATHVIKUMAR			
32	14J41A2502	AREPELLI PRASHANTH			
33	14J41A2503	ARTHAM RAMAKRISHNA			
34	14J41A2504	AVULA ANIL KUMAR			
35	14J41A2505	BANDARI SHIVAPRASAD			
36	14J41A2506	BANDI SAMPATH KUMAR			
37	14J41A2507	BANOTH LAXMANSINGH			
38	14J41A2508	BANOTH UDAY THIWARI			
39	14J41A2509	BHUKYA SATISH KUMAR			
40	14J41A2510	BILLA VENKATESH			
41	14J41A2511	BOBBILI ABHINAV SAI			
42	14J41A2512	BOINI AKHIL			

*Ragunad*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Past Via Kompally), Sec'bad-500100

*Sudddy*  
Head of the Dept  
Dept. of Mining  
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*Ka*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
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**DEPARTMENT OF MINING ENGINEERING**

Value Added Course  
On

**Advances in Mining Machinery**

14<sup>th</sup> -19<sup>th</sup> December, 2015

**SUMMARY REPORT**

This is age of industrialization and all industrial activities have received boost in economy efficiency and feasibility by Machinery. In mining Machines are becoming big, smart, operated remotely or with pre programming.

Underground specialized mining equipment such as trucks, loaders, diggers etc. are used to excavate the material and are normally hauled to the surface with skips or lifts for further processing. Drilling is normally required to place explosive charges to liberate the minerals from the overburden material.

Largest of the Machines in the world are bucket wheel excavator. The mining industry is overflowing with radical equipment. Companies like Caterpillar and Atlas Copco have launched some of the most technologically-advanced machinery in recent years and the pace isn't slowing down. Equipment is becoming smarter, faster, and safer, helping mining companies in prove productivity while keeping operating costs at a minimum.

We spoke with the industry's leading equipment manufacturers and the engineers to find their newest inventions to find out what the mining industry can expect in the future.

With the new innovations in underground mining equipment, the future is looking quite abundant for miners looking to maximize profits and productivity.

The speakers who addressed the gathering were Mr. B. Veera Reddy, GM Adriyala Project, SCCL, Mr. Ch Veera Reddy, GM Bellampalli, Mr. R Sharma, Blasting consultant, Hyderabad, Mr. S. N. Shiva Kumar, Mr. Veda Kumar, Mine Consultant and Mr V. Shrikanth have given week long lectures so the students got awareness about all parameters that concern Mining Machinery.

The presentation by both the speakers was very lively. Students welcomed the topics and gave a feedback that more such lectures should be arranged, in future.



*Ravi*  
Principal

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**Value Added Course Summarized Course Feedback Report**

Calculating Averages of Student Ratings for 5-Point Scale

Department: MINING ENGINEERING

Name of the Value Added Course: Advances in Mining Machinery (AMM)

Academic year: 2015-16

Duration: 14<sup>th</sup> to 19<sup>th</sup> December 2015

S.No	Parameter	Feedback All Parameters Scored Rank
1	Course Content	4.80
2	Skill development	4.67
3	Motivation	4.77
4	Regularity and punctuality of teacher	4.63
5	Coverage of content	4.73
6	Interaction	4.70
7	Individual attention	4.80
8	Outcome(s)	4.67

Suggestions: increasingly sophisticated analytical techniques and equipment developed in the past This contrasts sharply with spectacular advances in drilling technologies, including. Has applications for other aspects of the mining industries. mining and more efficient use of resources that are otherwise not economical to mine ...

  
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(Post Via Kompally), Sec'bad-500100.



# Malla Reddy Engineering College (Autonomous)

Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500100  
(An UGC Autonomous Institution, Affiliated to JNTUH, Re-Accredited by NAAC with 'A' Grade, (II Cycle))

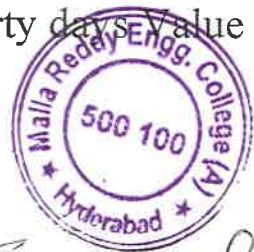
Department of Mining Engineering  
Value Added Course on

ADVANCES IN MINING MACHINERY

*Certificate & participation*

This is to certify that Dr./Mr./Ms/- KAMA AJAY has successfully

Participated in the thirty days Value added Course conducted between 14<sup>th</sup> to 19<sup>th</sup> December, 2015.



*Revised*  
Principal  
Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500100

*Sameer Pasha*  
Shri SK Sameer Pasha  
Program Coordinator & Asst-Prof.  
Department of Min-Engg.

*Narasimha Reddy*  
Shri. Narasimha Reddy  
Program Convener & Head  
Department of Mining Engg.

*Sudhakar Reddy*  
Dr.S.Sudhakar Reddy  
Co-Chairman & Principal  
MREC (A)



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Department of Mining Engineering

Value Added Course on

ADVANCES IN MINING MACHINERY

*Certificate & participation*

This is to certify that Dr./Mr./Ms/- KOLIPAKA VINAY has successfully

Participated in the thirty days Value added Course conducted between 14<sup>th</sup> to 19<sup>th</sup> December, 2015.



*Ramesh*  
Principal

Malla Reddy Engineering College  
Maisammaguda, Dhulapally,  
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*Sameer Pasha*  
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Department of Mining Engineering  
Value Added Course on

ADVANCES IN MINING MACHINERY

*Certificate & participation*

This is to certify that Dr./Mr./Ms/- GANDU SRIKANTH has successfully

Participated in the thirty days Value added Course conducted between 14<sup>th</sup> to 19<sup>th</sup> December, 2015.



*Sameer Pasha*  
Shri SK Sameer Pasha

Program Coordinator & Asst-Prof.  
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Department of Mining Engineering  
Value Added Course on

## ADVANCES IN MINING MACHINERY

### *Certificate & participation*

This is to certify that Dr./Mr./Ms/- GANDLA RAJ KUMAR has successfully

Participated in the six days Value added Course conducted between 14<sup>th</sup> to 19<sup>th</sup> December, 2015.



*Sameer Pasha*  
Shri SK Sameer Pasha  
Program Coordinator & Asst-Prof.  
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*Narasimha Reddy*  
Shri Narasimha Reddy  
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