

## Track – Mining Engineering

<b>Technical Session-I</b> <b>Theme: Mining Engineering</b>		
<b>23<sup>rd</sup> March 2019</b>		<b>11.30-13.00 hrs</b>
<b>Theme Introduction, Session Chair Introduction &amp; Rules</b>		
<b>(ICETE_paper-14) Spontaneous Combustion of Coal and Correlation with its Intrinsic Properties using Adiabatic Oxidation Method</b>		
Ravi Varma Rambha Department of Mechanical Engineering GITAM (Deemed to be University) Hyderabad, India.		
<b>(ICETE_paper-28) Extraction of Electricity from Blast induced Ground Vibration Waves – Case Study</b>		
Garimella Raghu Chandra <sup>1</sup> , Vedala Rama Sastry <sup>2</sup> <sup>1</sup> Associate Professor, Department of EEE, Methodist College of Engineering and Technology, Hyderabad, raghuchandhra@gmail.com <sup>2</sup> Professor, Department of Mining Engineering, NIT Karnataka, Surathkal		
<b>(ICETE_paper-58) Evolution of the Probability Distribution Function of Shovel – Dumper Combination in Opencast Coal Mine using ANN and RWB</b>		
N. S. Harish Kumar <sup>1</sup> , R. P. Choudhary <sup>2</sup> , Ch. S. N. Murthy <sup>1</sup>		
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<b>(ICETE_paper-59) Temperature Measurement during Rotary Drilling Of Rocks- A Statistical Approach</b>		
Vijay Kumar.S <sup>1</sup> , B. M. Kunar <sup>2</sup> , Ch. S. N. Murthy <sup>3</sup>		
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<b>(ICETE_paper-84) Safety in mines-sustainable minerals development perspective</b>		
Prof. K.Srihari. Godavari Institute of Engineering & Technology (A). <a href="http://www.giet.ac.in">www.giet.ac.in</a>		
<b>(ICETE_paper-134) Reliability Analysis of Underground Mining Machinery- A Case Study</b>		
BalaRaju J <sup>1</sup> , Govinda Raj M <sup>2</sup> , Murthy Ch S N <sup>3</sup> Research Scholar <sup>1</sup> , Professor <sup>2,3</sup> , Dept. Mining Engineering, NITK, Karnataka, India Corresponding author <sup>1</sup> : <a href="mailto:jakkulabalraj@gmail.com">jakkulabalraj@gmail.com</a>		
<b>(ICETE_paper-180) Emerging Mining Trends: Preparing Future Mining Professionals</b>		
Laxminarayana Chikatamarla <sup>1</sup> and D.N. Prasad <sup>2</sup> <sup>1</sup> Principal Mining Consultant, RPMGlobal, Brisbane, Australia, <a href="mailto:lichikatamarla@rpmglobal.com">lichikatamarla@rpmglobal.com</a> ; <a href="mailto:lichikatamarla@gmail.com">lichikatamarla@gmail.com</a> <sup>2</sup> Former Adviser, Ministry of Coal, Government of India, Presently, Adviser (Mining), Singareni Collieries, PSU of GoTS and GoI, <a href="mailto:dnprasad2005@gmail.com">dnprasad2005@gmail.com</a>		
<b>(ICETE_paper-315) Prediction of Energy Efficiency of Main Transportation System used in Underground Coal Mines – A Statistical Approach</b>		
N.V.Sarathbabu Goriparti <sup>1</sup> , Ch.S.N.Murthy <sup>2</sup> , M.Aruna <sup>3</sup> <sup>1</sup> ,		
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**(ICETE\_paper-361) Shortcomings of Vibrating Screen and Corrective Measures: A Review**

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**(ICETE\_paper-363) Quantification of rock strength using the mechanical drilling parameters**

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**(ICETE\_paper-377) Evaluation of Whole Body Vibration of Heavy Earth Moving Machinery Operators**

Jeripotula Sandeep Kumar 1,1, Mangalpady Aruna 1 , Mandela Govinda Raj 2

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**(ICETE\_paper-408) Assessment and Prediction of Specific Energy from Rock Brittleness in Rock Cutting**

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**(ICETE\_paper-509) Numerical Investigation on Factors Affecting the Performance of Roof Bolts for Continuous Miner Working**

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