

**PROGRAMME SCHEDULE- MINING TRACK**

<b>DAY 1 - 28<sup>TH</sup> APRIL 2023</b>	
<b>08.30 am to 9.30 am</b>	<b>Registration at Main Building, UCE, OU</b>
<b>9.15 am to 10.15 am</b>	<b>Inauguration at Assembly Hall, UCE, OU</b>
<b>10.15 am to 11.00 am</b>	<b>Tea Break</b>
<b>11.00 am - 11.45 pm</b>	<b>KEYNOTE ADDRESS – 1</b> <b>FROM THERMOSTATS TO INTELLIGENT SYSTEMS: MY LIFE IN CONTROL</b> <b>Dr.Kumpati S Narendra</b> Harold Wheel Professor Emeritus, Engineering, Yale University, USA Venue: Assembly Hall, UCEOU
<b>12:00 pm to 1.00 pm</b>	<b>TECHNICAL PAPER PRESENTATIONS-1</b> Venue: Seminar Hall, Mining Department Session Chairs: Er B R V Susheel Kumar ( <i>Director, Department of Mines &amp; Geology, Hyderabad</i> ), Dr. Banda Srikanth ( <i>Asst. Prof, UCE, Kothagudem, K.U</i> )
ICETE_MINING_2254	<b>The Use of Radar in the Assessment of the Stability of Mine Slopes in Open Cast Mines</b> Mohd Maneeb Masood, Tarun Verma, Sunny Murmu ( <i>IIT(BHU), Varanasi, Uttar Pradesh, India</i> )
ICETE_MINING_2669	<b>Cloud Computing based advanced slope monitoring system for Opencast coal mines</b> Sathish Kumar Mittapally, Shyam Sunder M, G Karthik, Ram Chandar Karra ( <i>NITK Surthkal, Karnataka, Telangana, India</i> )
ICETE_MINING_8493	<b>Dump susceptibility analysis under earthquake conditions using the numerical modelling</b> Kapoor Chand, Dipti Mor, Mihira Karanjai, Radhakanta Koner ( <i>IIT (ISM), Dhanbad, Jharkhand, India</i> )
<b>1.00 pm to 2.00 pm</b>	<b>Lunch Break</b>
<b>2.00 pm to 2.45 pm</b>	<b>TECHNICAL PAPER PRESENTATIONS-2</b> Venue: Seminar Hall, Mining Department Session Chairs: Er Bikki Ramesh Kumar ( <i>Director (Op), SCCL (Retd)</i> ), Er B. Paparao ( <i>DMS, DGMS (Retd)</i> )
ICETE_MINING_7311	<b>Analysis of behavior of underground coal panel surrounded with goaved-out workings</b> Pavan Kalyan Kasturi, Sreenivasa Rao Islavath ( <i>IIT Kharagpur, West Bengal, India</i> )
ICETE_MINING_5081	<b>Feasibility study of a copper deposit considering underground method of mining</b> Mandeep Singh Gill, B. S. Choudhary, Vikram Sakinala ( <i>IIT (ISM), Dhanbad, Jharkhand, India</i> )
<b>2.45 pm to 3.30 pm</b>	<b>INVITED TALK -1</b> <b>DEVELOPMENT OF AN EMPIRICAL FORMULA FOR PREDICTION OF HIGHWALL SLOPE INSTABILITY IN OPENCAST COAL MINES</b> <b>Dr Inumula Satyanarayana,</b> Dy. Director of Mines Safety, DGMS, Bangalore, India Venue: Seminar Hall Mining Department
<b>03.30 pm – 03.45 pm</b>	<b>Tea Break</b>
<b>3.45 pm to 4.30 pm</b>	<b>INVITED TALK -2</b> <b>DPM DISPERSION IN UNDERGROUND MINES AND CONTROL STRATEGIES</b> <b>Dr Ramakrishna Morla,</b> Norton Gold Fields, Australia Venue: Seminar Hall Mining Department

<b>TECHNICAL PAPER PRESENTATIONS-3</b>	
<b>4.30 pm to 5.30 pm</b> <span style="float: right;">Venue: Seminar Hall Mining Department</span> Session Chairs: Er. P. Ranganatheeshwar ( <i>Dy. DG, (DGMS) (Retd)</i> ), Dr. B. Prasad ( <i>GM, CMPDI, (Retd)</i> )	
ICETE_MINING_3669	<b>UAV Technology-based 3D Reconstruction for Mine Dump Slope Assessment</b> Amit Kumar Mankar, Radhakanta Koner ( <i>IIT (ISM), Dhanbad, Jharkhand, India</i> )
ICETE_MINING_6805	<b>Strata Control TARPs during different phases of Longwall Mining</b> K Srikanth, K Nageswar Raor, K Venkateswarlu ( <i>SCCL, Telengana, India</i> )
ICETE_MINING_9874	<b>Effect of Blast Vibrations on Dump Slope Stability in Opencast Coal Mines</b> Sathish Kumar Mittapally, E Srinivas, I Satyanarayana, Purushotham K ( <i>Osmania University, Hyderabad</i> )
ICETE_MINING_7402	<b>Wireless Sensor Networks and Real-time Slope monitoring - A Brief review</b> Sathish Kumar Mittapally, Raj Kumar Marichamy ( <i>Osmania University, Hyderabad</i> )

<b>DAY 2 - 29<sup>th</sup> APRIL 2023</b>	
<b>08.30 am to 9.30 am</b>	<b>Registration at Main Building, UCE, OU</b>
<b>9.30 am to 10.15 am</b>	<b>KEYNOTE ADDRESS - 2</b> <b>THE FUTURE WITH GENERATIVE AI</b> <b>Er. Veena Gundavelli</b> Founder & CEO, Emagia, USA Venue: Assembly Hall, UCEOU
<b>10.15 am to 11.00 am</b>	<b>KEYNOTE ADDRESS – 3</b> <b>PRIVACY AND SECURITY ISSUES IN SPEECH PROCESSING</b> <b>Dr. Bhiksha Raj</b> School of Computer Science, Carnegie Mellon University, Pittsburgh, Pennsylvania, USA & Mohamed bin Zayed University of Artificial Intelligence, Masdar City, Abu Dhabi Venue: Assembly Hall, UCEOU
<b>11.00 am - 11.30 am</b>	<b>Tea Break</b>
<b>11.30 am to 12.15 pm</b>	<b>INVITED TALK -3</b> <b>MINE HEALTH AND SAFETY RESEARCH</b> <b>Dr Purushotham Tukkaraja,</b> South Dakota School of Mines and Technology, USA Venue: Seminar Hall Mining Department
<b>TECHNICAL PAPER PRESENTATIONS-4</b>	
<b>12.15 pm to 12.45 pm</b> <span style="float: right;">Venue: Seminar Hall Mining Department</span> Session Chairs: Prof. K. Srinivas ( <i>Anna University, Chennai (Retd)</i> ), Er Sathish Kumar Mittapally ( <i>Faculty in Mining Engineering, UCE, OU</i> )	
ICETE_MINING_3692	<b>Prediction of heat stress to mitigate operational health hazard in mines</b> Vikram Sakinala, P.S. Paul, Sourabh Anand ( <i>IIT (ISM), Dhanbad, Jharkhand, India</i> )
ICETE_MINING_8531	<b>Review of Current Practice of Early detection of spontaneous combustion at Longwall</b> Harila Surendran, Nirmal Mandal, T.G. Suntharavadivel ( <i>Central Queensland University, Australia</i> )
<b>1.00 pm to 2.00 pm</b>	<b>Lunch Break</b>
<b>TECHNICAL PAPER PRESENTATIONS-5</b>	
<b>2.00pm to 2.45 pm</b> <span style="float: right;">Venue: Seminar Hall Mining Department</span> Session Chairs: Er B Surender Mohan ( <i>Former CMD, NLC Ltd</i> ), Dr. G Karthik ( <i>Ass. Prof., Stanley College of Engg &amp; Tech for Women</i> )	

ICETE_MINING_6851	<b>UAV - AI tools to tune fragmentation size and peak particle velocity using appropriate firing pattern and S/B ratio in jointed OB benches</b> N SriChandrabas, B. S. Choudhary, MS Venkataramayya ( <i>Malla Reddy Engineering College, Hyderabad, India</i> )
ICETE_MINING_7513	<b>Assessment of noise and its impact on miners health</b> Vikram Sakinala, P. S. Paul, Nitesh Kumar Rajwade ( <i>IIT (ISM), Dhanbad, Jharkhand, India</i> )
2.45 pm to 3.30 pm	INVITED TALK -4 <b>IMPORTANCE OF ROCK BLASTING IN MINES: PRESENT SCENARIOS AND RESEARCH AHEAD</b> <b>Dr Ram Chandar Karra,</b> Department of Mining Engineering, NITK Surathkal, India Venue: Seminar Hall Mining Department
03.30 pm – 03.45 pm	<b>Tea Break</b>
3.45 pm to 4.30 pm	INVITED TALK -5 <b>DRIVING SUSTAINABLE DEVELOPMENT IN THE MINING INDUSTRY THROUGH TECHNOLOGY AND ESG INTEGRATION: CHALLENGES AND OPPORTUNITIES FOR THE INDIAN MINING SECTOR</b> <b>Dr Laxminarayana Chikatamarla,</b> CEO, LARA Energy Pty Ltd Venue: Seminar Hall Mining Department
<b>TECHNICAL PAPER PRESENTATIONS-6</b>	
4.30 pm to 5.15 pm	Venue: Seminar Hall Mining Department Session Chairs: Dr Ram Chandar Karra ( <i>Associate Professor, NITK, Surathkal</i> ), Dr. N SriChandrabas ( <i>HOD, Mining Engg, MREC, Hyd.</i> )
ICETE_MINING_6472	<b>Strata behaviour during different stages of mechanized depillaring operations: An Indian case study</b> Manthri Rakesh, A. K. Dash ( <i>NIT Raipur, Chhattisgarh, India</i> )
ICETE_MINING_5015	<b>Investigation of Stress Distribution on Dragline Bucket in Opencast Coal Mines</b> Sathish Kumar Mittapally, A. Akhila Sahithi, Harish Kairamkonda ( <i>Osmania University, Hyderabad</i> )
ICETE_MINING_593	<b>An Investigation of Spontaneous Heating and Control of Fires in a Under Ground Coal Mine Segmented Area</b> D Kotaiah, Chitti Ravi Kiran ( <i>University college of Engineering, Kakatiya University, Kothagudem</i> )

<b>DAY 3 - 30<sup>th</sup> APRIL 2023</b>	
08.30 am to 9.30 am	<b>Registration at Main Building, UCE, OU</b>
9.30 am to 10.15 am	KEYNOTE ADDRESS – 4 <b>LEVERAGING IOT TO ENHANCE WATER USE EFFICIENCY IN AGRICULTURE</b> <b>Dr Srinivasulu Ale</b> Texas A&M University AgriLife Research Center, Vernon, USA Venue: Assembly Hall, UCEOU
10.15 am to 11.00 am	KEYNOTE ADDRESS – 5 <b>CUSTOM MEDICAL DEVICE DESIGN IN HEALTHCARE &amp; MEDICINE</b> <b>Prof. Dominic Eggbeer</b> Prof. of Healthcare Applications of Design Cardiff Metropolitan University, Cardiff, UK Venue: Assembly Hall, UCEOU

<b>11.00 am - 11.30 pm</b>	<b>Tea Break</b>
<b>1.00 pm to 2.00 pm</b>	<b>Lunch Break</b>