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Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY

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DR.T.THIMMAIAH INSTITUTE OF TECHNOLOGY
OORGAUM, KOLAR GOLD FIELDS-563 120

DEPARTMENT OF MINING ENGINEERING

NEWSLETTER 2018-19

PRESIDENT MESSAGE

For more than three decades, the Dr.T. Thimmaiah Institute of Technology has assisted numerous aspiring young engineers. The school has evolved over the past three decades as a result of a good infrastructure facilities and human resources dedicated to offering professional education with an emphasis on creativity and innovation. Our institute keep a special emphasis on outcome-based education and offers both technical and life coping skills to equip students to become contributing members of society. We support our faculty members in engaging in research activities so they can learn new information, innovate, and gain fresher perspectives that will enhance their teaching.

I would like to congratulate all the students who have received job offers from different business units through our placement and training cell. I want to thank the entire staff for working together to promote students' overall development.

I am happy to publish the newsletter. I would like to use this opportunity to wish all students success in all of their academic endeavors and to make their parents, schools, and the country proud.

— Dr. T. Venkat Vardhan, President, GVET

PRINCIPAL'S MESSAGE

I congratulate the Department of Mining Engineering faculty for their achievements in the current academic year. I also congratulate the editorial team for their constant effort for the outcome of the newsletter.

— Dr. Syed Ariff, Principal, Dr. TTIT

HOD's MESSAGE

The newsletter provides an overview of current activities that took place on our campus. The newsletter includes noteworthy accomplishments by the Department of Mining Engineering, Dr. T. Thimmaiah Institute of Technology, KGF.

I am delighted to publish the achievements of the Department of Mining Engineering.

— Dr. K. Ramesh, Head, Mining Engineering, Dr. TTIT

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Mining Engineering

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Institute's Vision and Mission

Vision

To produce technically competent engineers having innovative skills positive attitude, leadership and professional ethics, with a focus on developing sustainable and new technology.

Mission

- Create a conducive environment for teaching, learning and innovation by providing state of the art infrastructure.
- Learn sustainable and new technologies through industry institute collaborations.
- Produce technically competent engineers with ethics, discipline and social consciousness through holistic education.

Department's Vision, Mission and PEOs

Vision

"To excel in education, training and leadership skills to prepare the students for sustainable development of mining industries."

Mission

- To provide a conducive environment in which students think, learn, conduct, innovate and apply.
- To impart quality education for meeting the needs of the mining engineering profession and society, and achieve excellence through creative teaching learning and research.
- To inculcate the spirit of sustainable development and conservation of natural resources through the advancement of technology in the exploration and production of minerals with due regard to health, safety and environment.

PEOs

- Graduates shall have the ability to solve complex problems of mining by the application of sound engineering principles in their professional careers.
- Graduates shall have the spirit of teamwork and inculcate the habit of lifelong learning for achieving professional excellence.
- Graduates shall have in-depth knowledge in the entire value chain of the profession starting from exploration to beneficiation of mineral deposits in a coordinated manner.

DEPARTMENT OF MINING ENGINEERING

Student Centric Method – 201819

Workshop

- a) Mining Engineering students attended workshop on 'Recent Advances in Reliability Engineering and Maintenance Management (RAREMM-2018)' organised by Department of Mining Engineering, NITK Surathkal, from 1st to 3rd November 2018.



Students at NITK, Surathkal during RAREMM-2018 workshop

- b) Mining Engineering Students attended one day workshop on 'Total Station' on 28th March 2019. Mr. S. Hemanth Reddy, Chief Executive, Sir M V Institute of Technology, Bangalore was resource person for the workshop. During the workshop he emphasized on the application of total station in Mining Engineering survey, especially on the surface and subsurface quarry.



Students attending Total station workshop

Field Visit

- a) Students of 6th semester visited the Henry's shaft, BGML on 23rd March 2019 accompanied by Dr. Ramesh. K, HoD, Mr, John Gladius, Associate Professor. The students were exposed to the shaft Structures and arrangements of cage, suspension gear, safety devise etc.



Students gathering near Henry's shaft during Field visit

- b) Geological field work was conducted near BIF Volagamadhi area in the western part of Kolar schist belt to identify major structural discontinuity in the field and its behaviour on 23rd March 2019 for 6th semester students.

Participation in external Technical Activities

- a) Mining Engineers' Association of India organized essay competition on the topic "Inevitability of Mineral in Our Daily Life" on the occasion of Indian Mining Day on 1st November 2018. Mining Department students participated in the event. Mr. Akash Gowda, 5th semester obtained 3rd prize in the essay competition.
- b) Mining Engineers' Association of India organized Technical Quiz competition on the occasion of Indian Mining Day on 1st November 2018. Mining Department students participated in the event. Mr. Akash Gowda and Mr. Delhi Vignesh, 5th students won 1st and 2nd prize respectively.



Competition winners with their certificate along with HoD and Principal

