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Dr. Rahul Patil, Secretary, KSECGTA.

Conveners

Prof. Sachin Kulkarni, Member, KSECGTA.
Dr. Radhika K N, Treasurer, KSECGTA.

Expected Audience

Faculty Members, Industrialist, Geologist, Civil Engineers, Research Scholars, UG/PG Students.

Registration Details

Kindly register using the below link, there is no registration fee

<https://forms.gle/HpsLNuFHEXwGNQno8>

For Further Information Contact: -

Prof. Sachin Kulkarni - 7411264298
Prof. Tejas K - 9449890035
Prof. Rakesh Patil - 8147861076
Email Id: karnatakageoassociation@gmail.com
Platform - Google Meet
E-Certificate will be issued to all participants

**Karnataka State Engineering Colleges
Geology Teachers Association,
(KSECGTA)
Bengaluru -560098**



Organizes Two Days
National Webinar

on

**“Recent Trends in
Engineering Geology”**

18th & 19th August, 2020

at

10.30AM

**In association with
Visvesvaraya Technological University
Jnana Sangama, Belagavi- 590018,
Karnataka.**



About the Speakers

Dr. N. V Chalapathi Rao, joined the Department of Geology, Banaras Hindu University, Varanasi, as a Reader in 2007, became a Professor in 2013. Prof. Rao's areas of interest include Mineralogy, Igneous Petrology, Earth System Science, Instrumental Techniques in Geosciences (EPMA, SEM, XRF, ICP, IRMS), Mineral Resource, Geochemistry and has successfully completed four DST sponsored projects and guided more than five students for PhD. Prof. Rao has received 'National Award of Excellence in Geoscience & Technology Award' by MoES, Govt of India in 2020 & many more for his outstanding contribution towards the geological research.

Dr. D. Venkat Reddy, is currently working as a Consulting Faculty at L&T and has served National Institute of Technology, Karnataka, as a Professor in the Department of Civil Engineering from 2006 to 2017. Prof. Reddy has successfully completed three research projects sponsored by UGC, AICTE and MHRD. He has published five books related to various aspects of Engineering Geology. Prof. Reddy has guided four PhD students and has received distinguish awards for this research work.

Dr. D. Venkat Reddy has published and presented more forty research papers at various national and international conferences. He has also delivered more than ten technical lectures at various events.

About the Webinar

Geological understanding is a prerequisite for any Civil Engineering project. A sound knowledge on type of rock, mode of formation, structural deformation is required to understand the rock's load-bearing properties, compressive strength and other engineering properties. The sustenance of mega civil engineering structures like dams, tunnels, bridges etc. requires proper geological foundation. The recent incidents of Three Gorges dam, China and River Choloteca bridge intensifies the thorough understanding of terrain conditions. Further, the recent floods and landslides; building collapses in India envisages the collaborative work of Geologists and Civil Engineers for the sustainable development of the society. Thus, this webinar intends to understand the advancements in the field of Engineering Geology through the experiences of the eminent scientists/researchers working in the field. The webinar will also aid in bridging the gap between the theoretical and the practical experiences.

Speakers

Dr. N.V Chalapathi Rao, Professor, Department of Geology BHU, Varanasi.

Topic: Geoscience and its role in National Development: A Civil Engineering Perspective on 18th August 2020



Dr. D. Venkat Reddy, Consulting Faculty at L&T, Professor & Head (Retd.), Dept of Civil Engg, NITK.

Topic: Geological & Geotechnical investigation in tunnelling, underground excavation & Bridges with case in points on 19th August 2020.

About VTU

Visvesvaraya Technological University (VTU) is one of the largest Technological Universities in India with 20 years of Tradition of excellence in Engineering & Technical Education, Research and Innovations. The University encompasses technical & management fields which offers more than 25 UG & 60 PG courses. It has around 2,300 departments recognised as research centres. University is comprised of a multi-disciplinary and multi-level institution offering wide ranging programme in engineering, technology and Management. The University is making steady progress in developing and providing best technical environment for education and will continue to serve the nation in coming years.

About KSECGTA

The KSECGTA is registered in the year 2018-19 under the office of Registrar of Co-Operative societies act bearing **Regd.No. DRB1/SOR/490/2018-2019**. This association comprises more than 150 Engineering Geology Faculties of all Engineering colleges affiliated to VTU. It has four regional Executive Members across the state of Karnataka in Belagavi, Bengaluru, Kalburgi, and Mysuru. The main motto of the association is to building geoscience proficient through excellent training in the field of engineering geology.

It aims for academic solutions to all the Engineering Geology Faculties and also envisages to create a research-based teaching environment for the betterment of the society.