



SOCIETY OF GEOLOGISTS

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PRESS RELEASE

Society of Geologists (SOCGEO), Hyderabad in collaboration with the Department of Geology, Osmania University, Hyderabad have conducted an Interactive Workshop on the “Role of Artificial intelligence (AI) in Geosciences” in the CONFERENCE HALL, Principal’s Office, University College of Science Osmania University, Hyderabad 18th July, 2025. Prof. D. Karuna Sagar, Senior professor of Physics & DEAN, Faculty of Science, Osmania University, Hyderabad, the Chief Guest at the Workshop has stressed the need for the usage of AI in scientific applications because of its swiftness in analysing huge quantity of data in very short time. Guest of Honor at the Workshop, Prof. G Prabhakar, Principal, University college of Science and Chairperson, BoS, Osmania University, Hyderabad stressed the need to be careful while populating the data for the AI applications since wrong inputs may lead to faulty results. Prof. I Panduranga Reddy, Director, Directorate of Admissions and Head, Department of Geology, Osmania University, Hyderabad who also the Guest of Honor . cautioned not be carried away by the AI jargon without proper understanding its implications and drawbacks.

Sri. B P Ramprasad, Incharge Organizing Committee, S/Sh. P Nagendra Kumar, T.P. S. Ramam, P K Mathur, Mukund Kulkarni and C. Hanumanth Reddy Executive Committee members of the Society were also present. Also senior Professionals from Oil & Gas industry and Mineral & Mining industry - S/Sh. C Sandilya, C V S N Prasad, J D Rao, D N Prasad, Basha, along with Prof. B. Veeraiah, Head -Department of Centre of Exploration Geophysics, Osmania university, Hyderabad were among the distinguished guests who have attended the workshop.

In his presentation on the theme of the Workshop, Mr. S G Krishna Mohan, Organizing Committee member, reiterated that “Man Behind the Machine is Important and not the Machine” and highlighted the point that the basic concepts of Geology need to be studied and are important before jumping to the AI for its impactul usage.

Dr. V Kesava Rao, Ex. ONGC in his presentation explained the importance of AI in Oil & Gas industry in particular. Dr. Y Satayanarayana, Ex.Scientist-G & Associate Director, DRDO, India has made a very detailed presentation and explained how AI works and its usage in various applications including geoscience. Dr. Narendra Pendkar, Professor at Indian Institute of Petroleum and Energy (IIPE) at Vishakhapatnam, made very interesting presentation covering all the AI tools in the Public Domain and concluded with a very interesting note that AI cannot make Geoscientists redundant and stressed the point that Geoscience domain expertise will be the Key Driver in future.

The students of department of Geology , Osmania University and other Geology students of various institutions in and around the city have participated very enthusiastically in the workshop.