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## ANNOUNCEMENTS

**Orientation Course on Analytical Techniques and Data Interpretation in Petrology, 11-22 February, 1991.** Organised by Wadia Institute of Himalayan Geology, Dehra Dun 248 001,

The orientation course is aimed at acquainting the participants in analytical techniques and data interpretation in petrology. It will include the following aspects: (i) Sampling and sample preparation techniques. (ii) Theoretical background of the analytical equipment. (iii) Practical aspects of the equipment including demonstration. (iv) Interpretation of the analytical data in solving, geological problems pertaining to petrogenesis and ore petrology. Course Fee is Rs. 500/-.

For further details contact: Director, Wadia Institute of Himalayan Geology, Dehra Dun, 248 001 or Dr. R. S. Rawat, convenor of the course.

**Seminar on 'Remote Sensing in Coastal Studies',** Organised by the Department of Marine Geology, Mangalore University, Karnataka. **Jan. 1991.**

A four-day National Level Seminar has been planned to be held in Mangalore University Campus. The exact dates will be communicated later. The seminar is planned to discuss the following topics: a. Geology and tectonics of coastal zone. b. Coastal geomorphology. c. Littoral processes and shoreline changes. d. Landuse/capability studies. e. Coastal Resources.

Abstracts, not exceeding 1000 words should be sent before **November 15, 1990.** For further details, please contact Dr. T. R. Sreedhara Murthy, Department of Marine Geology, Mangalore University, Mangala Gangotri (DK) 574199, Karnataka.

**National Workshop on Coal Exploration, Kothagudem Jan./Feb. 1991** Organised by The Singareni Collieries Company Limited, Kothagudem, Khammam Dist., Andhra Pradesh, India. Pin Code - 507 101.

Coal continues to be a major energy resource in India. The production planning done by Coal Exploration Agencies envisages doubling the production by

2000 AD from the present level. This tremendous task will be possible only by establishing substantial mineable reserves to meet the present and future requirements. After Nationalisation of Coal Industry in India, exploration has been given due importance on a National scale. Though substantial reserves are established, for a vast country like ours, much more needs to be done.

Workshop Themes include: 1. Coal exploration in National Economy. 2. Reserves availability and future requirement. 3. Advances in stratigraphy, structure and tectonics of coal basins of India – A review. 4. Coal exploration methodology – Changing concepts – Future strategy. 5. Geophysical exploration for Coal. 6. Modern methods of drilling for Coal exploration. 7. Coal exploration in Godavari Valley Coalfield – A Review. 8. Geo-Engineering and Hydrogeology.

Technical papers on the subject on Coal exploration are solicited. Extended abstracts should reach organisers by **30 November 1990**.

For further particulars contact: The Chief Geologist, The S. C. Co. Ltd., Exploration Divn., Kothagudem, Khammam Dist. (A.P.) Telephone: 2418 (STD Code 08744)

**Computer Applications in Phase Equilibria Calculations, March 1-2, 1991.** Department of Geology, University of Delhi, Delhi-110007. First component of the workshop consists of a few invited lectures. The topics of the lectures tentatively selected are as follows: 1. Silicate and non-silicate systems. 2. Hydrothermal systems. 3. Metal systems. 4. Geophysical studies on the evolution of granulite terrains. 5. Library and sharing of data files. 6. Data gathering, evaluation and storage. 7. Errors in databases, their avoidance, detection and elimination.

In addition, four formal demonstration sessions with plenty of time for informal exchanges will be provided. The softwares planned for demonstration are Berman's P—T—X, Spear's P—T—t and Perchuk's P—T—t. Prof. L. L. Perchuk of the Institute of experimental Mineralogy, Academy of Sciences, Moscow will be the leader of the workshop. The participants are encouraged to bring their own softwares on phase equilibria calculations. Do not worry if they are bugged, since workshop aims to debug such programmes.

Those interested should contact the Coordinator of the workshop: Dr. P. K. Verma, Department of Geology, University of Delhi, Delhi-110 007 by **November, 30 1990**.

**The Eighth Convention of Indian Geological Congress and National Seminar on 'Recent Advances in Indian Mineral Scenario—Genesis and Exploration' School of Studies in Geology, Vikram University, Ujjain, 18–20 February 1991.** The eighth Convention of Indian Geological Congress and National Seminar on 'Recent advances in Indian Mineral Scenario—Genesis and Exploration' will be held in collaboration with the School of Studies in Geology, Vikram University at Ujjain from 18 to 20 February, 1991. The Convention will be followed by a post-Seminar optional field-trip to nearby places of geological interest.

For further information related to convention, please contact: Prof. V. K. S. Dave, Secretary, Indian Geological Congress, Department of Earth Sciences, University of Roorkee, Roorkee - 247 667 (U.P.) (India).