

The first of these programmes envisages investigations :

- a) to firmly establish the chronostratigraphy of the Upper Siwalik Subgroup, b) to study the antiquity of Himalayan relief using fission-track methods, c) to study Himalayan fluvio-glacial and fluvial terraces with special reference to palaeoclimatic changes and neotectonism and d) to analyse the seismic stratigraphy, sedimentation patterns, and neotectonics of the Gangetic Basin. Other activity suggested in this programme includes the search for traces of early man in the Markanda, Kangra, Alakhnanda and Kosi valleys.

The second programme highlighted investigations dealing with the reconstruction of aridity from aeolian sequences, Quaternary alluviation including provenance and geochronological studies, genesis and classification of surface and near surface calcretes and application of new geochronological methods for dating of sediments.

The third suggested programme centres around the major objectives of documentation of sea-level changes in chronological order and assessment of climatic, palaeoceanographic, and tectonic processes.

The need for organising short term courses/training programmes was also emphasised. The following training programmes have been suggested :

- 1) Fission-Track, C¹⁴ and TL Dating Methods
- 2) Magnetostratigraphy of sediments
- 3) Quaternary carbonate environments

This Workshop served the important purpose of sharing of ideas amongst workers in the area of Neogene-Quaternary Stratigraphy.

It is now hoped that scientists in this area will launch studies to achieve some of the aims and objectives spelt out at the Workshop.

S. K. TANDON

K. R. GUPTA

ANNOUNCEMENT

National Symposium on Gondwana of India, November, 1992. The proposed symposium will focus attention on the results of geological activities carried out in this field in recent years and will enable researchers and scholars to review the present status of our knowledge on Indian Gondwana.

The themes of the Symposium are: (i) Stratigraphy, Sedimentation, Palaeogeography and Geomorphology. (ii) Structure, Tectonics and Basinal history. (iii) Magmatism associated with Gondwana; Palaeomagnetism. (iv) Life during Gondwana, Flora and Fauna. (v) Economic Resources, Exploration, Exploitation, related environmental and other problems. (vi) Groundwater Potential. (vii) Coal Genesis, Petrography, Resource Quality Survey.

The last date for submission of abstracts, not exceeding 500 words, is **31st December, 1991.**

For further particular contact: Dr. S. S. Deshmukh, Geological Survey of India, Central Region, Seminary Hills, Nagpur-440 006.

Second SERC School on “Geomagnetism and Earth’s Interior”

(Department of Science and Technology, Government of India)

The Science and Engineering Research Council (SERC) in the Department of Science and Technology (DST) has entrusted Indian Institute of Geomagnetism (IIG), Bombay to coordinate a five-year programme of a series of Annual Summer/Winter Schools to encourage research by young scientists in the frontier areas of Geomagnetism and Earth’s Interior (GEI). The first school in this series was held at Kurukshetra University. The second SERC summer/winter school on

“Geopotential - I”

will be conducted at the Department of Geophysics, Andhra University, Visakhapatnam-530 003.

Course Director: **Prof. I. V. Radhakrishna Murthy**
Department of Geophysics
Andhra University, Visakhapatnam-530 003

Co-Director : **Dr. Mita Rajaram**
Indian Institute of Geomagnetism
Colaba, Bombay-400 005

The duration of the course will be from 23rd March to 11th April 1992

COURSE CONTENT

- | | |
|--|---|
| 1. Geomagnetism | 8. Geological applications |
| 2. Rock magnetism | 9. Geodynamics and magnetic anomalies |
| 3. Magnetic instruments & surveying | 10. Geomagnetic Depth Sounding |
| 4. Theory of magnetic fields | 11. Satellite magnetic anomalies |
| 5. Magnetic interpretation | 12. Special Lectures (on various themes covering Geopotentials) |
| 6. Magnetic inversion | |
| 7. Magnetic interpretation in frequency domain | |

Young researchers and scientists engaged in geophysical research or exploration in any National/State Organisation or University within India are eligible for admission into this school. Interested candidates may write to Dr. Mita Rajaram, IIG, Bombay on or before **10th December 1991** giving the following information :

i) Name, designation and address, ii) Academic qualifications, iii) Age, iv) Field of Research and publications, if any, v) Employment particulars and experience, vi) Utility of the course to the Participant/Organisation, vii) Whether travel grant is required, viii) Recommendations of the sponsoring authority.

This information should be sent along with nomination letter from the sponsoring agency. However, direct copies of application can be sent to save time. There is no course fee. TA and/or DA will be paid to the desiring participants as per rules. Selected candidates will be informed in **January 1992**.