

PROCEEDINGS OF THE ANNUAL GENERAL MEETING – 2001-2002

The 43rd Annual General Meeting of the Geological Society of India was held on the 25th October 2002, at 5 p m , at the ICSSR Complex, Panjab University, Chandigarh

The following Fellows of the Society attended the meeting

Ahluwalia, A D , Bhargava, O N , Bhatia, S B , Chakrapani, G J , Chetty, T R K , Das, B K , Divakar Naidu, P , Gill, G S , Goel, R V , Gupta, H K , Gupta, K R , Gupta, L N , Gurdev Singh, Harinarayana, T , Jayakrishna Mohanty, Kakar, Ramesh, K , Kalpana Deka Kalita, Krishnamurthy, P , Loyal, R S , Mallikarjuna, U B , Manish A Mamtani, Mehta, P K , Misra, K S , Misra, Santosh Kumar, Nagabhushana, P , Naqvi, S M , Naresh Kochhar, Naval Kishore, Naveen Chaudhri, Pandit, S K , Pant, N C , Ravindra Kumar, Sachan, H K , Sahni, Ashok, Srikantia, S V , Srivastava, D C , Tandon, S K , Tewari, V C , Vaidyanadhan, R

PROCEEDINGS

The Annual General Meeting of the Society for the year 2001-2002 was held in Chandigarh, the dream city, conceived by the great swiss-born French architect Le Corbusier as an analogue to the parts of the human body. It was presided over by Prof R Vaidyanadhan, Vice-President, Geological Society of India, in the absence of Dr B P Radhakrishna, President of the Society who could not be present due to an accidental injury. S V Srikantia, The Secretary read the notice of the meeting followed by the presentation of the Annual Report and the Audited Statement of Accounts for the year 2001-2002, which was earlier circulated to all the Fellows of the Society.

As there were no comments, the Annual Report and the Audited Statement of Accounts were adopted as proposed by Prof Ramesh K Kakkar and seconded by Dr D C Srivastava. The General body accorded its approval to the appointment of Sri M Shankar Narayana, Chartered Accountant, Bangalore, as auditors for the year 2002-2003.

The Vice-President referred to the absence of Dr B P Radhakrishna who came all the way to Chandigarh for the AGM but could not be present for the meeting.

He also referred to the progress made by the Society in various fields and the services rendered by the Society in furthering the cause of Earth Science in India, and also about the societal issues like rainwater harvesting, environment and education.

AWARDS

The Vice-President announced the names of the earth scientists selected by the Council of the Society for various awards for 2002. He stressed that the presentation of Awards in recognition of good work was an important part of the Annual General Meeting of the Society.

JGSI Radhakrishna Prize for the best paper published in the Journal of the Geological Society of India for the calendar year 2001 to Deepak Chandra Srivastava of the Department of Geology, Indian Institute of Technology, Roorkee for his paper "Deformation Pattern in the Precambrian Basement around Masuda, Central Rajasthan"

H.S. Pareek Award for the best paper on Coal Sciences to J K Mohanty, S K Misra and B B Nayak of RRL, Bhubaneswar for their paper "Sequential Leaching of Trace Elements in Coal – A Case Study" published in JGSI, v 58, pp 441-447.

K. Naha Award for significant contribution in the field of structural geology to Manish Atmaprakash Mamtani of the Department of Geology and Geophysics, Indian Institute of Technology, Kharagpur for his contribution to the structure of the southern part of Aravalli Mountain Belt and related aspects.

S.S. Merh Award for significant contribution in the field of Quaternary Geology to Pothuri Divakar Naidu of Geological Oceanography Division, National Institute of Oceanography, Goa, for his contribution to the studies on the variability of south west monsoon during Late Quaternary period.

M.R. Srinivasa Rao Award for significant contribution in the field of petrology to Padmanabha Krishnamurthy for his contribution to the studies on syenite-carbonatite complexes of Tamil Nadu, Narmada valley and Sung valley.



Annual General Meeting at Chandigarh, 2002.

SYMPOSIUM CUM WORKSHOP ON GIS

As part of the programme of the Annual General Meeting of the Society, a National Seminar cum Workshop on Geographical Information: Geoscientific and Geotechnical Applications, was held during 23-24 October, 2002 under the aegis of the Centre of Advanced Study in Geology, Panjab University, Chandigarh. After the welcome by Prof. K.N. Pathak, Vice Chancellor, Panjab University and Prof. Ashok Sahni, of Centre of Advanced Study in Geology, the symposium was inaugurated by Prof. R. Vaidyanadhan, Vice-President, Geological Society of India who emphasised the importance of GIS and its applications in Earth Sciences.

In his presidential address, Prof. V.K. Gaur, Indian Institute of Astrophysics, traced the growth of human family and its effect on the planet's naturally evolving dynamic state. He also elaborated on regional approaches based on knowledge, information and structural data, various practices of GIS and the Indian initiatives in this regard.

Ashwagosh Ganju presented a talk on GIS based scheme for mapping and forecasting of avalanches. A.K. Tangri elaborated the importance of GIS in snow melt runoff modelling, palaeogeographic reconstruction and assessing the climatic variability in Gangotri Glacier area of Uttaranchal. M.K. Mukhopadhyay discussed the present application of GIS in Earth Science and its future prospects. A.G. Peroomal presented the various aspects of application of remote sensing and GIS. T.R.K. Chetty attempted an interactive visualization and interpretation using GIS in the study of tectonics of the Eastern Ghat mobile belt. Y.B. Sinha discussed the application of GIS in petroleum industry and D.S. Mitra presented case studies on the role of GIS in hydrocarbon exploration. A.K. Mullick explained how remote sensing and GIS help in sedimentary basin analysis. Y.V.N. Krishna Murthy dwelt on the GIS applications in geoscientific and geotechnical studies. T. Harinarayana expanded on the integration of geophysical data for exploration of hydrocarbons using GIS. A. Menezes presented case studies of GIS application for zoning of the Gulf of Kachchh for locating single point moorings.

The Seminar cum Workshop was enlightening with wide ranging application of GIS in earth science related studies.

GENERAL SESSION – EARTH SCIENCE RESEARCH

On the 25th October, the Society conducted a General Session on Earth Science Research and related topics. There was an overwhelming response to this session. S.B. Bhatia discussed the various palaeontological constraints on the aspects of age and provenance of the Paleogene

sediments of the Himalayan foreland basin. H.K. Gupta made a presentation on the vision of Ocean sciences in India as formulated by the Department of Ocean Development, followed by a talk on Gas Hydrates, a new energy resource for India. S.K. Tandon gave a detailed account of continental records of the Thar and its margins and their implication in the reconstruction of Late Quaternary palaeoclimate. N.C. Pant discussed the petrological constraints in the study of metamorphism and magmatism in Central Dronning Maud Land, East Antarctica. M.A. Mamtani discussed the tectonic aspects of granitic rocks of Southern Aravalli Region. S.M. Naqvi spoke on the constraints for isotopic, trace element and REE data from Archaean and Early Proterozoic black shales for bio-productivity, genesis and mineralization. K.R. Gupta discussed on the past, present and future challenges for research funding in earth sciences in India. K.S. Misra emphasised the importance of physical volcanology, particularly in the identification of effusive centres and zones within the Deccan Volcanic Province of Western India. V.C. Tewari discussed the origin, evolution and extinction of life on earth due to extraterrestrial impacts with evidences from the Indian Himalaya.

In recent researches section, G.K. Chakrapani presented his findings on the Osmium and Strontium Isotopic compositions in the Ganga river sediments reflecting the nature and extent of chemical weathering taking place in the river basin. S. Sensarma discussed the revision in stratigraphy of the Early Proterozoic volcanic sequences of the Dongargarh belt, Central India. A. Mukherji presented his findings on the anisotropy of magnetic susceptibility studies on banded iron formations of Bonai Synclinorium, Eastern India and their correlation with structural data. U.B. Mallikarjuna presented his studies on Late Cretaceous (Turonian-Santonian) Ostracodes from the Trichinopoly Group of Cauvery basin. H.K. Sachan discussed the extreme subduction of Indian continental crust based on evidences from ultra-high pressure metamorphic rocks from the Himalaya. Richa Sahu presented her new data on age and strontium isotopic systematics of the alkaline and basic dykes of the coastal Deccan Province. Gurumeet Kaur discussed the petrology and geochemistry of the different granitoids of the Khetri copper belt.

With an expression of grateful thanks of the Society to Prof. Ashok Sahni and his team in the CAS in Geology, Panjab University, for the excellent arrangements made for holding the AGM and the Seminar cum Workshop on GIS and the General Session on recent researches in earth science, the 43rd AGM of the Society came to a close.

Bangalore

S.V. SRIKANTIA