

tectonism and sea level delivered by Dr. Suresh of the Department of Geology, Mangalore University. The tectonic features of the west coast and their relation to the changing sea level were lucidly presented by him. The session came to end with a lecture on Quaternary sea level changes along the west coast of India delivered by Dr. Purnachandra Rao of NIO, Goa. Sea level changes in the west coast and radiocarbon dating of samples were the highlights of his lecture. Dr. N. Chandrasekar, Prof. and Head, Department of Placer Mining, Manonmaniam Sundaranar University, Tirunelveli spoke about corals and sea level. He explained about the general pattern of coral growth in relation to sea level, varieties of corals, the use of living and dead corals in sea level studies etc with examples from Rameshwaram and Mandapam region of Tamil Nadu. A lecture on Archeological indicators of sea level changes with case

studies was delivered by Dr. Hema Achyuthan of the Department of Geology, Anna University, Chennai.

The valedictory function was held at the end of the scientific session. Dr. P.R. Srinivasan, Vice-Principal, National College, Tiruchirapalli presided over the meeting. Dr. N. Chandrasekar delivered the valedictory address and distributed certificates to the participants. Dr. S. Sathyamurthy, Head, Department of Geology, National College welcomed the gatherings and Dr. K. Anbarasu, Co-ordinator of the workshop proposed a vote of thanks.

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## UNESCO REGIONAL TRAINING PROGRAMME ON RECENT ADVANCES IN EARTH OBSERVATION FOR GEO-RESOURCES MANAGEMENT

The UNESCO sponsored training program on 'Recent Advances in Earth Observation for Geo-resources Management', was conducted at the Department of Geology, Anna University, Chennai between 19-25th November 2003 under the guidance of the course co-ordinator, Dr. Sanjeevi.

There were 27 participants, out of whom, three were from Sri Lankan Universities and one was from the Maldives water resources department. Participants from India represented the cross section of scientific community involving people from state Public Works Departments, The



The inaugural session (L to R): Prof. Elango, HOD, Geology, Anna University, Shri D. Jayakumar, Minister for Law, Information Technology and Electricity, Government of Tamil Nadu, Prof. Ramprabhu, Registrar, Anna 'Varsity' and Dr. S. Sanjeevi, Course Coordinator of the UNESCO programme.

Indian Army, technical institutions and universities. The training program was inaugurated by Shri. D. Jayakumar, Minister for Information Technology, Law and Electricity, Government of Tamil Nadu.

Prof. Natarajan, former director, Institute of Remote Sensing, Anna University, delivered the inaugural lecture on principles of remote sensing. This was followed by the lectures of Mr. Sukumar, Scientist, Institute of Remote Sensing, Anna University, on Photogrammetry. Mr. A. Ravindran, Scientist, Institute of Remote Sensing, Anna University enlightened the participants on fundamentals of satellite image processing. Dr. Elango, Head, Department of Geology, Anna University delivered a lecture on hydrogeological modelling and simulation of regional groundwater flow in Palar river basin. Dr. Thillai Govindarajan, Secretary, Springs, an NGO, delivered a talk on principles of geomorphology applied to groundwater exploration. Dr. I.C.Das, Scientist, NRSA, Hyderabad enlightened the participants on remote sensing and mineral exploration and how the spectral signatures helped in targeting the aluminous laterite and bauxite deposits.

Dr. Thirumalaivasan, Assistant Professor, Anna University discussed the importance of usage of GIS especially by earth scientists. Dr. C.J. Kumanan, Reader, Centre for Remote Sensing, Bharathidasan University, Tiruchi, delivered two lectures, one on the structural mapping through remote sensing, and the other on remote sensing and GIS for landslide studies. Ms. Gnanam, Scientist, M.S Swaminathan Research Foundation, Chennai, spoke on the coastal applications of remote sensing. Dr. Prithviraj, Principal scientific officer, ESS, DST, New Delhi, enlightened the participants with his thought provoking lecture on water resource management and role of geomatics. He also discussed about the latest mapping technique, namely – the Airborne Laser Terrain Mapping.

Dr. Sanjeevi, course coordinator also gave lecture on spectral signatures of rocks and minerals.

The Training program also included two special lectures by eminent scientists of National Geophysical Research Institute, Hyderabad and Space Application Centre,

Ahmedabad. Dr. Ravikumar and Dr. Mrs. Malaimani, scientists of NGRI, Hyderabad delivered a lecture on crustal movements and plate tectonics using GIS. Dr. S.K Pathan, Head, LUP and Photogrammetry Division, Space Application Centre, Ahmedabad engaged the participants with a long lecture session on the role of remote sensing and GIS in urban planning.

The training program also included practical sessions on the geological interpretation of satellite imageries followed by the ground truth verification. As a part of this, the participants visited the Nagari quartzites, Tiruttani dyke rocks and Sholingur granites. This was also followed by the visit to the famous Sri Yoganarasimha Swamy temple of Sholingur.

Prof. S.M. Ramaswamy, Director, Centre for Remote Sensing, Bharathidasan University, Tiruchi delivered a lecture on overview on geological remote sensing and spoke at length on the migration of south Indian holy river Cauvery.

On the penultimate hour of the completion of the training program a feedback session was conducted and participants felt that courses of this type help them a lot in teaching and research activity. This was followed by the valedictory function presided by Prof. S.M Ramaswamy, Director, Centre for Remote Sensing, Bharathidasan University who stressed the need to save the subject of geology. He said that commercialization is the need of the hour for improving the prospects of earth science in the coming years. He also lauded the efforts of staff of the department of Geology, Anna University in organizing this course. The participants finally thanked Dr. Sanjeevi, Co-ordinator of the course, Dr. Elango, Head of the Department, Dr. R. Nagendra, Asst. Professor and Dr. Hema Achyuthan, Asst. Professor, Dept. of Geology, Anna University, for their efforts in successfully conducting this course.

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#### CORRIGENDUM

In the note on the Proceedings of the Annual General Meeting – 2002-2003 at Vasco da Gama, Goa (Jour. Geol. Soc. India, v.63, p.103) under JGSI Radhakrishna Prize instead of "K.S. Misra of the Geological Society of India" please read as "K.S. Misra of the Geological Survey of India". The error is regretted.