

23rd Group Monitoring Meeting and 15th Meeting of the Programme Advisory Committee – Earth Sciences held at Karnataka State Council of Science and Technology, Indian Institute of Science Campus, Bangalore

Date: 1-3rd December 2011
Time : 9:30 AM

Venue: CCE Hall, IISc Campus, Bangalore

Programme for Day-1 (Date: 1st December 2011)

- Inaugural Programme (9.30- 10.00 AM)
- Welcome Address by Executive Secretary, KSCST: Dr. M. Prithviraj
- Introductory remarks about the DST programme by Dr.P.S.Rao, Advisor and Programme Co-ordinator, Earth and atmospheric Sciences, SERB, DST.
- Brief remarks about the PAC-ES programme by Dr. D.K.Paul, Chairman, PAC-ES.
- Vote of Thanks By Shri. S.N. Sondur

Tea Break: 10.00-10.20 AM

Monitoring of the progress of ongoing projects: Presentation by Principal Investigators

Time	Sl. No.	File No.	Project Title	PI's name and Address
10.20-10.40 AM	1	SR/S4/ES-162/2005	Interstitial water-chemistry of aquatic environments and the significance in nutrient dynamics: A case study	Dr.K.Narendra Babu, Centre for Earth Science studies, PB No. 7250, Akkulam, Trivandrum-695 031.
10.40-11.00 AM	2	SR/S4/ES-354/2008	Early Diagenetic changes, Bio-mineralisation and quaternary analogs of ancient mineral deposits on the western margin of India	Dr. V. Purnachandra Rao Deptt.of Geological Oceanography National Institute of Oceanography Dona Paula-403004
11.00-11.20 AM	3	SR/S4/ES-289/2007	Concepts in Quaternary climatic studies with emphasis on palynology and dendrochronology	Prof. A. Bhattacharya Birbal Sahani Institute of Palaeobotany Lucknow-226007
11.20-11.40 AM	4	SR/S4/ES-261/2007	Ammonoid- Sequence Stratigraphic integration in the Kachchh, Jurassic.	Prof. Jai Krishna, D/O Geology, Banaras Hindu University, Varanasi-221005.
11.40-12.00 AM	5	SR/S4/ES-212/2006	Late Quaternary Palaeoclimatic and Palaeoceanographic studies in the North Indian ocean using Isotopic and trace elemental process from sediment cores and corals.	Dr.S.Masood Ahmed, Scientist, National Geophysical research Institute, Uppal road, Hyderabad-500 007

Time	Sl. No.	File No.	Project Title	PI's name and Address
12.00-12.20 PM	6	SR/S4/ES-348/2008	Biozonation and correlation of the Marwar Super Group, Western Rajasthan	Prof. Surendra Kumar, D/O Geology, Centre for Advanced Study, University of Lucknow, Lucknow-226 007.
12.20-12.40 PM	7	SR/S4/ES-21/Cauvery /P-11	Pollen Analyses of Quarternary Sediments: Reconstructing Vegetation and Environment History in the Cauvery Floodplains	Dr. Anupama Krishnamurthy, Charge de Recherche (Scientist/D/Reader), Deptt. of Ecology, French Institute of Pondicherry (FIP), 11 St. Louis Street, Pondicherry - 605001.
12.40-1.00 PM	8	SR/S4/ES-303/2007	Reconstruction of Paleogene sedimentary record of the Western Himalaya foreland basin in a sequence stratigraphic framework.	Prof. B.P. Singh, D/O Geology, Banaras Hindu University, Varanasi-221005.
1.00-1.20 PM	9	No. SR/S4/ES-382/2008	Delineation of Cretaceous-Tertiary Boundary on the Basis of Biotic Assemblages from Central India and their Palaeobiogeographical Significance	Dr. Ashu Khosla, Centre of Advanced Study in Geology, Punjab University, Sector-14, Chandigarh -160014.
LUNCH BREAK 1.20- 2.20 PM				
2.20-2.40 PM	10	SR/S4/ES-381/2008	Geochemistry of Khondalite in the Eastern Ghats Belt a possible tectonic indicator".	Dr. Rajib Kar, Senior Lecturer, Department of Geology, J.K. College, Purulia – 723 101.
2.40-3.00 PM	11	SR/S4/ES-356/2008	Chronology of Upper Sedimentary formation in the Vindhyan and Cuddapah Basins.	Dr. Anil Kumar, Scientist, National Geophysical research Institute, Uppal road, Hyderabad-500 007.
3.00-3.20 PM	12	SR/S4/ES-402/2009	Proterozoic Mafic Magmatism in the Central Indian Tectonic Zone(CITZ): elemental and Isotopic Constraints on Crustal Evolution and Geodynamics.	PI: Prof. Talat Ahmed, D/O Geology, University of Delhi, Delhi-110007
TEA BREAK 3.20-3.40 PM				
3.40-4.00 PM	13	SR/S4/ES-334/2008	Fossil Bryozoa from the Tertiary sediments of the Kuchh and its bearing on the depositional environment	Dr. M.A. Sonar, Lecturer, Post Graduate Dept. of Geology, Institute of Science, Aurangabad-431 004
4.00-4.20 PM	14	SR/S4/ES-388/2008	Albitisation of the metamorphics and associated A-type granites in the Khetri complex of the northern Aravalli orogen: geochemical and isotopic constraints complex of the northern Aravalli orogen: geochemical and isotopic constraints	Dr. Parampreet Kaur, Centre of Advanced Study in Geology, Punjab University, Chandigarh – 160 014

Time	Sl. No.	File No.	Project Title	PI's name and Address
4.20-4.40 PM	15	SR/S4/ES-307/2007	Nallore Schist Belt and Proterozoic tectonics of southeastern margin of India	Dr. Dilip Saha, Indian Statistical Institute, 203 Barrackpore Trunk Road, Kolkata – 700 108.
4.40-5.00 PM	16	SR/S4/ES-437/2009	Geochemistry and Genesis of Iron nodule in the Ganga Plains and the implications to the elemental dynamics, Palaeoclimate and Environment	Dr. J.K. Tripathi, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi – 110 067.

5.00 - 6.00 PM : Meeting of the PAC-ES (Only for the Members)

Programme for Day-2 (Date: 2nd December 2011)

Monitoring of the progress of ongoing projects: Presentation by Principal Investigators

Time	Sl. No.	File No.	Project Title	PI's name and Address
9.00-9.20 AM	17	SR/S4/ES-415/2009	Morphotectonic Variability along the NW Himalayan Front: Tectonics-Climate Coupling	Dr. Malay Mukul, Deptt. of Earth Sciences, IIT, Powai, Mumbai – 400 076.
9.20-9.40 AM	18	SR/S4/ES-331/2008	Integrated approach to delineate groundwater susceptibility from near surface sources and protection priorities in Karur District of Tamilnadu	Dr. K. Srinivasamoorthy, Reader, Dept. of Earth Sciences, Annamalai University, Annamalai-nagar - 608002
9.40-10.00 AM	19	SR/S4/ES-340/2008	Study of Olivine bearing Mafic Dykes of Eastern Kumaun Himalaya	Prof. Mallickarjun Joshi, Department of Geology, Banaras Hindu University, Varanasi – 221 005

**10.00- 11.00 AM: A special Lecture on “Reconstructing past climate using glacier and lake sediments”
By Dr. Navin Juyal, Member, PAC-ES.**

TEA BREAK 11.00-11.20 AM

Time	Sl. No.	File No.	Project Title	PI's name and Address
11-20-11.40 AM	20	SR/S4/ES-328/2008	Study of the Status of Geomedical Health Hazards due to Quality of Water, Soil and Agricultural Practices: A Case Study of Jalgaon District	Dr. M.V. Baride, Registrar, Deptt. of Applied Geology in School of Environmental and Earth Sciences, North Maharashtra University, Jalgaon – 425 001
11.40-12.00AM	21	SR/S4/ES-301/2007	Sedimentation history of the Palaeoproterozoic Dhalbhum and Dalma formations in the Kokpara-Tata sector, Jharkhand, eastern India and their implication.	Prof. Rajat Mazumdar, Geological Studies Unit, Indian Statistical Institute, 203, Barrackpore Trunk Road, Kolkata-7000108
12.00-12.20PM	22	SR/S4/ES-405/2009	Influence of aquifer lithology on the groundwater quality with special reference to fluoride contamination, Bhakar area, Distt. Nanded, Maharashtra.	Dr. D.B. Paneskar, Head Environmental Technology, School of Earth Sciences, S.R.T.M. Unviersity, Nanded-431606.
12.20-12.40PM	23	SR/S4/ES-431/2009	Dissolution Rates of Deccan Basalts and other Lithologies in the Narmada River Basin.	Dr. G.J. Chakrapani, Professor, Department of Earth Sciences, IIT, Roorkee-247667.
12.40-1.00PM	24	SR/S4/ES-276/2007	Geometry, Deformation mechanics, strain and Kinematics of deformation in the north Kalijhora Thrust (NKT) sheet, Darjeeling-Sikkim Himalaya.	Dr. Abdul Matin, Reader Deptt. of Geology, University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700019.
1.00-1.20 PM	25	SR/S4/ES-458/2009	Sediment diatom stratigraphy for trophic prediction and paleolimnology of freshwater system.	Dr.R. Ramanibai, Department of Zoology, University of Madras, Guindy Campus, Chennai- 600025.

1.20-2.20 PM: Lunch Break

Programme for Day-2 after lunch Session (Date: 2nd Dec 2011)

15th Meeting of the Programme Advisory Committee – Earth Sciences

Consideration of New Project Proposals: Presentation by Principal Investigators.

Time	Sl. No.	File No.	Project Title	PI's name and Address
2.20-2.40 PM	1.	SR/S4/ES-528/2010	Geology, Geochemistry and evolution of hydro carbon source rock potential for the argillaceous intervals from the Proterozoic Vindhyan and Chattisgarh basins of India.	Dr. Partha Pratim Chakraborty, Associate Professor Department of Geology University of Delhi Chhatra Marg, Delhi-07.
2.40-3.00 PM	2.	SR/S4/ES-562/2011	Fossil microphytoplankton and zooplankton dynamics across the Ordovician-Silurian Boundary along Kali River of the Indian Gondwana.	Hareshwar Narain Sinha, Lecturer, PG Department of Geology, Vinoba Bhave University, Hazaribag-825301, Jharkhand.
3.00-3.20 PM	3.	SR/S4/ES-572/2011	Deformation and Strain Patterns across the North Almora Thrust near Rameshwar, District Pithoragarh Uttarakhand.	Dr. Hari B. Srivastava, Professor, Geology Department, Banaras Hindu University, Varanasi-221005.
TEA BREAK 3.20-3.40 PM				
3.40-4.00 PM	4.	SR/S4/ES-575/2011	Application of Geohydrology in the Canal water management with reference to Nandur-Madhameshwar canal of Aurungabad district, Maharashtra.	Dr. P.S. Kulkarni, Maulana Azad College, Aurangabad-431001. (Maharashtra).
4.00-4.20 PM	5.	SR/S4/ES-577/2011	Facies and depositional environments of the lower Tertiary sequences exposed in Imphal Valley, Manipur.	Dr. Yengkhram Raghumani Singh, Lecturer (Senior Scale) Department of Earth Sciences, Manipur University, Manipur-795003 (Imphal).
4.20-4.40 PM	6.	SR/S4/ES-579/2011	Petrology and Geochemistry of the Acid Igneous Complex of Barda Hills, western Saurashtra, Gujarat, To evaluate Petrogenesis of Rock types in relation to Deccan Trap Magmatism, Tectonic setting and Metallogenesis of associated Rare metal Elements (Nb, Zr, Y etc).	Dr. Tapas Bhattacharyya, Professor, Department of Geology, University of Calcutta, 35, Ballygunge Circular Road, Kolkata-700019.
4.40-5.00 PM	7.	SR/S4/ES-584/2011	Proterozoic crustal evolution in Southeastern Peninsular India: Petro-tectonic imprints in the Ongole domain of Eastern Ghats Belt and vinjamuru domain of the Nellore Schist Belt.	Prof. Samarendra Bhattacharya, Geological Studies Unit, Indian Statistical Institute, 203 B.T. Road, Kolkata-700108.

Time	Sl. No.	File No.	Project Title	PI's name and Address
5.00-5.20 PM	8.	SR/S4/ES-585/2011	Paleoclimate and exhumation history of the late Cenozoic successions of the Himalayan foreland basin, Panjab re-rectrant: An interdisciplinary approach using paleopedology, sedimentology, fission track techniques.	Dr. Pankaj Srivastava, Deptt. Of Geology, University of Delhi, Delhi-110007.

Programme for Day-3 (Date: 3rd Dec 2011)

9.00 AM- 1.00 PM: PAC Meeting

(Only the PAC Members are allowed to attend this Meeting)