
Shri A.A. Gnanraj is awarded the Certificate of Merit for his outstanding contributions in the field of Ocean Science and Technology.

Dr. Anil Kumar Vijayan



Dr. Anil K Vijayan has done commendable work of implementing the field campaign of MEDAS, meticulously planned and motivated the Project Scientists for its successful completion. The phytoplankton samples collected are being analysed that generates a huge dataset in the Eastern Arabian Sea for the first time covering all seasons from coast to open ocean. He is a committed scientist with tenacity to participate on cruises and encourage others to work with enthusiasm.

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Dr. Ajeet Pandey



Dr. Ajeet Pandey has been involved in various scientific activities like Seismic Hazard Microzonation studies including, Geotechnical and Geophysical investigations, 24 x 7 real time earthquake monitoring in the country, activities related to Indian Seismic and GNSS Network (ISGN) and research work in different aspects of seismology. Seismic Hazard assessment and ground motion simulation is his core area of research. He has published valuable scientific research papers in National and International Journals of repute. Dr. Ajeet Pandey, has made significant contribution in undertaking and coordinating the various field activities and database management for achieving the goal of completion of seismic hazard microzonation of NCT of Delhi.

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Dr. K. Maya



Dr. K. Maya works at NCESS. She has done extensive studies on environmental impacts of mining and quarrying of minor minerals from the river catchments of Southern Western Ghats. At present she is engaged in the studies on the origin and occurrence of cold and thermal springs in the west coast of India. Through her recent studies in Dhakshina Kannada District of Karnataka State, for the first time, identified the existence of a Subsurface Warm Water Zone (20-40m below ground level) covering an area of over 40 hectares in Irde,

Puttur in Karnataka. She is now working on its heat sources/heating mechanisms and linkages with the lineaments in southern Western Ghats. She also worked extensively in the impacts of river sand mining and brought out a book entitled ‘Sand Mining’ published by Springer, Netherlands. She along with her research team also published a monograph on Quaternary Geology and paleo-climate of SW India. Her studies were instrumental in decoding the coastal evolution of the Tsunami-hit areas in the SW coast of India. She is guiding many students and one student has been awarded PhD degree in 2017. She has many publications in peer reviewed SCI journals (26 numbers), book chapters (8 nos), proceedings (45 nos) and project reports (18 nos).

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Shri B.K. Thakur



Shri B. K. Thakur joined the Department of Ocean Development in 1989 and is presently working as Scientist “D” in this Ministry of Earth Sciences. He is looking after work of PC-II Division with utmost sincerity and dedication. He has shown his keen interest in handling the work related to *Polymetallic Nodules Programme, Hydrothermal Sulphide, Cobalt Crust, Continental Shelf, Gas Hydrates, Topographic Survey of Exclusive Economic Zone, Development of Technology pertaining to Deep Sea mining upto 6000m water depth, manned and Unmanned Underwater Vehicles, Ocean Energy and Fresh Water, Technical Criteria Atlas, marine Sensors, Ocean Electronics, Ocean Acoustics, Shoreline Islands, Sea Front Facility, Construction of two Coastal Research Vessels, Construction of Cloud Radar, Technology Research Board, Project Appraisal and Monitoring Committee, natural Environment Research Council and Newton-Bhabha Projects on Hydrology*. At National Institute of Ocean Technology, Chennai various projects such as development of Low temperature desalination plants for generating freshwater with various capacities viz. 10 million litre per day & 2 million litre per day, manned and Unmanned Underwater Vehicles, Restoration of Beach at Kodalur Priakuppam, and Puducherry, Mining research work, Autonomous Coring System for Gas Hydrates were behind schedule.; He took personal interest and sorted out relevant issues. For example, Kodalur Priakuppam project was started in 2011. With involvement of Sh. Thakur, various outstanding issues were resolved and Kadalur Periakuppam Beach was completed in April, 2018. Restoration of Puducherry beach was started in 2015 and completed in June, 2018. MGS Sagar was chartered for Exclusive Economic Zone programme and 16 lakh sq. km. area were survey and presently same vessel was deployed for exploration of Hydrothermal Sulphide. He took special interest in expediting establishment of 6 Desalination Plants with a capacity of producing 1.5 million loiter water per