



Government of India  
Ministry of Earth Sciences  
Earth System Science Organisation



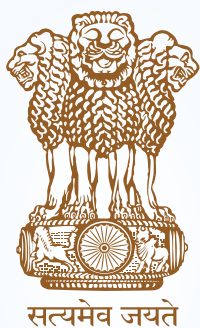
# Annual Awards 2016



**Celebration of 10 Years of  
Ministry of Earth Sciences (2006-2016)  
&  
Foundation Day Function**

27<sup>th</sup> July 2016, Vigyan Bhawan, New Delhi

# Annual Awards - 2016



Government of India  
**Ministry of Earth Sciences**  
**Earth System Science Organisation**

Prithvi Bhawan, Lodhi Road,  
New Delhi - 110 003

**July, 2016**



## Dr. Swapna Panickal



Dr. Swapna Panickal received M.Sc in Oceanography and M.Tech. in Atmospheric Sciences from Cochin University of Science and Technology, Cochin, Kerala. She joined National Institute of Oceanography (NIO), Goa as Senior Research Fellow under the project Indian Ocean Experiment (INDOEX) and worked on the dynamics of large scale circulation of Indian Ocean using Institute of Numerical Mathematics (INM, Russia), Ocean General Circulation Model. She received her Ph. D degree from Goa University in 2006. She joined IITM as Research Associate under INDOMOD project and worked on the Indian Ocean Monsoon coupled interactions. She was selected as Post-Doctoral Research Associate at Hong Kong University of Science and Technology (HKUST), Hong Kong during 2007-2008. Dr.Swapna joined Indian Institute of Tropical Meteorology (IITM) as Scientist-C during 2009 and is actively involved in climate research and Earth System Model (ESM) development at Centre for Climate Change Research (CCCR), IITM.

Dr. Swapna Panickal played a key role in developing the first Indian Climate Model, IITM-ESM which would be taking part in the upcoming Coupled Model Intercomparison Project Phase-6 (CMIP6) experiments. To address the long-term critical need in India for a climate model that would provide reliable future projections of Indian monsoon rainfall, Earth System Model (IITM-ESM) was developed at CCCR, IITM. The development of IITM-ESM has emerged through transformation of a seasonal monsoon prediction model from the National Centre for Environmental Prediction (NCEP) Climate Forecast System (CFS) into a long-term climate model at CCCR, IITM. Dr. Swapna Panickal was instrumental in incorporating a new global ocean component (Modular Ocean Model version 4p1, MOM4p1) having better physics and an interactive ocean biogeochemistry in the CFS coupled model. The IITM ESM shows major improvements in simulating mean SST and exhibits better skills in capturing the South Asian monsoon rainfall, the dominant modes of climate variability such as El Niño-Southern Oscillation and Pacific Decadal Oscillation and their links with monsoon. The development of IITM-ESM is a landmark achievement in climate modeling from India. She has published 20 papers in peer reviewed national/international journals.

Dr. Swapna Panickal is awarded Certificate of Merit for her outstanding contributions in the field of Atmospheric Sciences.



### **Smt. Kanta Sanhotra**



Smt. Kanta Sanhotra performs all duties of DDO, NCMRWF such as payment of salaries to employees, payment of contingency, medical, LTC, TA & other bills & arrears, Return filling of TDS & WCT despite having additional charge of S.O. in MoES. She discharges all the duties of DDO in efficient & time bound manner.

### **Smt. Sobhana S. Nair**



Smt. Sobhana S. Nair has been entrusted the work of CDDO of CMLRE. She has thorough knowledge of official work and related rules and regulations. She ensures the drawing and disbursing of all payments related to CMLRE staff, projects staff under MLR-Programme and contingent bills. She also ensured the timely payment of membership fee (Annual contribution) to The Commission for the Conservation of Antarctic Marine Living Resources. She has functioned as member of the

Purchase Committee of CMLRE. An official always ready to assist her superiors, colleagues and subordinates.

### **Smt. R. S. Salunke**



Smt. R. S. Salunke is at present working at IITM Pune in the Establishment Division. She is in charge of personnel Section and Service Benefit Unit. She is responsible for all Personal Files, Pension files, and Service Book and dispatch of letters. She is also dealing with the files of all categories of promotion cases, deputation files, RA/RF Contract employees and correspondence with MoES.

### **Dr. Hari Singh Sisodia**



Dr. Sisodia presently working in NCS was Involved in multidisciplinary activities related to technical & scientific aspects and management under the Seismic Hazard Microzonation of NCT Delhi, wherein, a large program of Geotechnical/ Geophysical field survey coordination, sites identification, lab investigations, data interpretation and analyses at more than 550 sites, spread over Delhi was taken up. During the lab investigations, data interpretation,



### Shri Awadhesh Prasad



Shri Awadhesh Prasad is presently working as SA in IMD. He is actively associated with works related to release of Grant-in-Aid to 130 AMUs under Gramin Krishi Mausam Seva (GKMS) Projects. Shri Prasad, efficiently handles all the proposals for timely release of the grants by verifying the statutory requirements and obtaining approvals of the Competent Authorities. He also participates in Annual Review Meeting of GKMS and training to Nodal Officers of AMUs for preparation of Utilization Certificates & Statement of Expenditure and Budget requirement.

### Shri R.D. Nair



Shri R.D. Nair is at present working at IITM Pune. He assumed the charge at the Director's Office in March 2015, and carried out the following work which involves management of administrative activities at the Director's office: (i) Notes and dictations for the Director's office, (ii) Letter drafting and correspondence with various Ministry/Institutions, (iii) Record Keeping and maintenance at the Director's office, (iv) Handling of utility bills for the Director for reimbursements, (v) Arrangements of Director's proposed tours/deputation programs.

### Smt. Poonam Chauhan



Smt. Poonam Chauhan is presently working in NCS. She is actively associated with checking the State of Health of servers of Real Time Seismic Monitoring Network & associated field stations and takes appropriate necessary action in case of problem with reception of data. She is also involved in the following work: (i) Retrieval of continuous one hour SEED files from archive of RTSMN server to external disk and to retrieve the missing data files during normal transmission, (ii) Retrieval and storage of event waveform data of North East telemetry Network and RTSMN Network for the analysis of events for preparation of seismological bulletin, (iii) Making duplicate copies of the above data for redundancy of data, (iv) supply of event waveform data of various network to different organizations and Scientists/RA/Project Scientist of NCS, (v) processing & timely payments of bills of various mobiles used for dissemination of earthquake information through SMS. She has improved the quality and efficiency of job by introducing her skills of programming in retrieval and storage of seismic data. She is also



3000 days and thereby helped successful collection of sampling required for all the MLR Projects since IX plan period onwards. He also puts sincere efforts during the Dry dock of the vessel both in India and abroad. Besides the regular duties, he actively participates in organizing in high level committee meetings.

### **Shri S.A. Sayyed**



Shri S.A. Sayyed joined IITM in June 1984 and is presently working as driver for the Director, Secretary MoES & various VIP's visiting the Institute. He also undertakes driving duties outside Pune & Maharashtra during official tours (Mahabaleshwar, Karad, Mumbai, Goa, Gujarat, Andhra Pradesh, Tamilnadu Bangalore and Jaipur). He has other duties like Caretaker of Phase I and II Buildings, LIP, HPC Buildings, Canteen and IITM colony, in addition to his driving work. He is

extremely sincere and performs his duties with utmost devotion.

### **Shri Rajeev Kumar**



Shri Rajeev Kumar is working in Delhi telemetry, North-East telemetry Networks and OSG unit of NCS. He looked after the maintenance of various Digital type of instrument installed under unmanned observatories and efficiently managed their functioning without any major breakdown. He has undertaken tours to various seismological observatories towards maintenance, inspection, site selection and installation of various seismic equipments. He downloads the data of

different stations and archives them. His dedicated and sincere efforts have generated valuable data archives. He has good technical skill in diagnosing the faults and complete overhauling of the digital seismographs. He has learned the maintenance of equipments by his own efforts through his experiences. He is always willing to take additional responsibility.

### **Shri J.A. Rajan**



Shri J. A. Rajan works in NIOT and is involved in (i) onshore and offshore soil sample collection from various sites along TN, (ii) assisting scientist during vibrocoreing, (iii) carrying out Laboratory Analysis of samples collected and (iv) assisting the survey team during RTK Survey. He is hardworking and sincere in carrying out the assigned work in a time bound fashion. He is always keen in improving his working knowledge.





## Multi-Tasking Staff

### Shri Hari Om Sharma



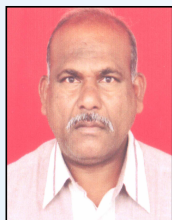
Shri Hari Om Sharma, MTS is a diligent official who has been working in Ministry since May'1996 as daily wager and thereafter from April'2007 on regular basis. After joining MoES (erstwhile DOD), he also worked in O/o Secretary, MoES to the entire satisfaction of his superiors. For the last 8 year he has been working in Estt. Section and entrusted with dak distribution, photo copying, taking ID card application to MHA and CGHS application to M/Health and bringing them back etc. He is very much committed and completes the assigned work efficiently.

### Shri R. Namrath



He works at MC Bangalore, IMD as a Driver. He also works in PBO/RSRW section covering MTS Vacancy and works in PBO/RSRW covering SA vacancy. He has toured for preventive maintenance/servicing of AWS/ARG stations as a driver and assisted in servicing of AWS/ARG stations. During his work period no complaints has been received during the tours from officers and he has accomplished accident free driving. He is very polite in reception of touring officials and ready to receive and send off officials even in odd hours. He knows the computer operations and useful in general works.

### Shri E.M. Botla



Shri E.M. Botla works in the Director's office at IITM. He manages the work relating to file movement from Director's office to various other divisions/sections/units. He also looks after the operation of water pumps in IITM Campus and colony in addition to his regular office work. He is extremely sincere and performs his duties with utmost devotion.