

Reports from IMS and its Local Chapters

1. IMS Joint Programme on Heat Wave Management

The IMS participated in a joint programme on Heat Wave Management with Global Change and Sustainable Health Institute of Taru Leading Edge (TARU), Climate and Development Knowledge Network (CDKN), Understanding Climate and Health Associations in India (UCHAI), Indian Institute of Public Health, Gandhinagar (IIPH-G) and National Resource Defence Council.

The first event entitled National Consultation on Roadmap for Planning Heatwave Management in India was held in New Delhi on Wednesday 21st September, 2016, in which Dr D.R. Pattanaik, Treasurer, IMS presented operational Early Warning Mechanism for Heat Waves in India.

NRDC and the Indian Institute of Public Health, Gandhinagar (IIPH) convened a discussion at the TROPMET 2016 under the leadership of IMS, to review city-level resilience activities and scale those in leading states across the country. International experts from NRDC and key leadership from the National Disaster Management Authority (NDMA), State Disaster Management Authorities (SDMAs), health departments and meteorological offices from Gujarat, Odisha, Maharashtra and Telangana attended the discussion.

2. Bhubaneswar Chapter

TROPMET 2016 on the theme 'Climate Change and Coastal Vulnerability' was held at Bhubaneswar between 18th and 21st December. It was organized by IMS Bhubaneswar Chapter jointly with the Government of Odisha and Siksha 'O' University. Dr.Devendra Pradhan Minister of State (Independent-in-charge) for Petroleum and Natural Gas was Chief Guest at the inaugural function.



Tropmet 2016 was a great success. It received record number of research papers with overwhelming participation of younger researchers. Credit for this goes to Dr S.C..Sahu, Chairman, Bhubaneswar Chapter, Prof. U.C. Mohanty, Chairman, Scientific Programme Committee, Prof Manan Das and Nihar Das of SOA Univeristy, Bhabaneswar.

Following are the important numbers concerning TROPMET 2016:

Papers received : 546

Plenary Talks : 9

Technical Sessions: 23

Oral Presentations : 222

Posters : 324

Research Scholars' Presentations: 11



2.1 IMS Awards:

In Tropmet 2016, IMS Life Time Achievement Awards were given to the eminent scientists such as:

Shri D.R Sikka, Shri S. Raghavan and & Prof. P.V. Joseph. Shri Sikka could not attend the event because of health issues.





IMS Honorary Fellowship was bestowed upon Prof. V. Ramanathan and Dr Kamal Puri.

IMS Fellowship:

Dr M.N. Rajeevan, and Dr Swati Basu were elected as the new fellows of IMS.



2.2 IMS Diamond Jubilee Lecture: As a part of Diamond Jubilee Celebration, a series of public lectures on topics of popular interest have been planned by IMS. The first lecture in this series on ‘Climate Change and Agriculture’ was delivered by Dr. T. Mohapatra, Director General, ICAR on 19th December at Bhubaneswar.

2.3 Special Evening Lectures

Two following Special Evening Lectures were held on 19th December:

“International Forum of Meteorological Societies (IFMS) by Dr H.S. Ahluwalia.

“Physics, Meteorology and Social Sciences” by Shri S.Raghavan.

3. Pune Chapter

3.1 Mausam Utsav

As a part of celebration of Diamond Jubilee year of Indian Meteorological Society, IMS Pune Chapter organised the “Quiz and Poster Competitions” for the students in 15 Kendriya Vidyalayas in Pune region on 16th Nov. 2016 at school level. More than 3000 students participated in these competitions. On 3rd December, 2016, the grand finale of quiz competition was held in the Meghdoot Auditorium, IITM, Pune. All the selected 15 students for final quiz competition and 15 students of poster competition along with their parents and teachers attended the function. Prizes to the students were distributed by Mr. Rajesh R. Mali, Chairman, IMS Pune Chapter and Dr. R. Krishnan, Director, IITM, Pune. The participation certificates were also given to all the 60 students. In addition, letters of appreciation were given to the principals and teachers who rendered their valuable services to conduct these competitions.



4. Ahmedabad Chapter

(Inputs from D. Ram Rajak, Indrani C. Singh, P. Jayaprasad and Manorama Mohanty)

A meteorological awareness program, *Met-Aware-2016*, aimed to create public awareness towards different aspects of weather and climate was held on July 16, 2016 at Anand & Vallabh Vidyanagar (VV). Two popular lectures were held, followed by an ‘Open House’. Further, visits were organized to the Weather Observatory and Museum at Anand Agricultural University (AAU) and Amul Dairy.

4.1 Two popular lectures followed by an ‘Open House’-

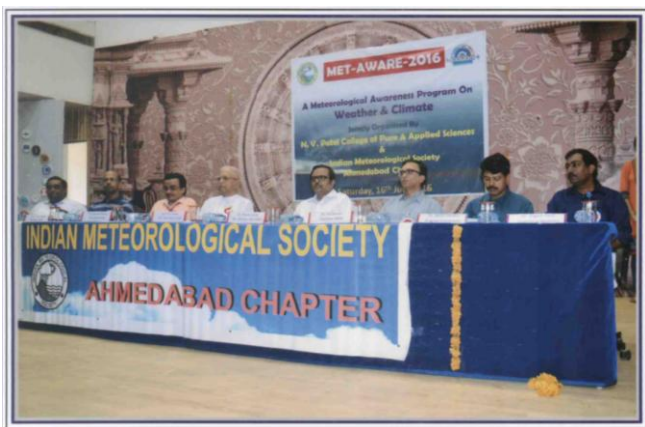
First part of the program i.e. a Scientists-Students interactive session along with 2 lectures by experts in the field of weather/climate/satellite meteorology was arranged at G.H. Patel College of Engineering & Technology (GCET) auditorium and co-organized by NV Patel College of Pure & Applied Sciences (NVPAS), Sardar Patel University (SPU), VV. This event was attended by about 340 participants including students and faculty members from SPU. Two popular lectures full of information on general meteorology and satellite meteorology were delivered by Dr. C. M. Kishtawal, Group Director (AOSG), SAC and Dr. Manorama Mohanty, Senior Meteorologist, IMD Ahmedabad. The most vibrant and interactive session of the event i.e. ‘‘Open House’’ received huge response from the students. The panel of experts consisting of Shri. Rajeev Jyoti, Dr. P.K. Pal, Dr. Raj Kumar, Dr. C.M. Kishtawal, Dr. Vyas Pandey, Dr. A.S. Rajawat, Dr. Manorama Mohanty, Dr. S.M. Bhandari and Dr. R.P. Singh answered the questions asked by the participants. They answered a number of thought provoking queries from students of diversified fields. The program was supported by Dr. Basudeb Bakshi (Principal – NVPAS), Dr. Himanshu J Trivedi



(HOD, Physics department, NVPAS), and volunteered by Dr. Mehul Pandya (SAC).

4.2 Weather Observatory & Museum at AAU and to Amul Dairy

The second part of the program comprised of visits to the weather observatory and museum at Anand Agriculture University (AAU) and an educational visit of IMSA members and their family members to Amul Dairy (Anand). Participants were introduced to various instruments used to collect different meteorological parameters at AAU weather observatory. Dr. Vyas Pandey, HoD (Agrometeorology, AAU) and Dr. Manoj Lunagaria comprehensively explained the working of the instruments and importance of the in-situ observations of the weather parameters.



4.3 Towards Meteorology at Student's Door Step

The Indian Meteorological Society, Ahmedabad Chapter (IMSA) organized 'SIMPLE-2016' (Student Involvement in Meteorological Parameter Learning - 2016) program for students of various schools in the rural and urban areas of Ahmedabad on August 10, 2016 in collaboration with Vikram Sarabhai Space Exhibition (VSSE) and District institute for Education and Training (DIET) Ahmedabad at VSSE Auditorium. Chairman, ISRO, Shri. A. S. Kiran Kumar was the Chief Guest of the program.



Students and teachers from 44 schools from different parts of Ahmedabad district were invited.

Meteorological measurement Kit (MetKit) units were distributed to the participant schools where students will be involved in collection of meteorological parameters and their analysis. This MetKit can be used to collect three parameters i.e. temperature (instantaneous, minimum and maximum), relative humidity, and rainfall. Chairman ISRO interacted with the students and answered several questions during "Open House" interaction session of the program. Shri Tapan Misra, Director, Space Applications Centre (SAC) also addressed the students and encouraged them to involve them in science. Dr. Raj Kumar, Chairman, IMSA, revealed that this program is the brain-child of ISRO Chairman who proposed this activity some years back. The activity is proposed to be expanded to entire Gujarat and India in different phases.