

The Following activities conducted by Indian Society of Geomatics- Ludhiana Chapter during the current year (2017-18)

INTERNATIONAL GIS DAY was celebrated on 15th NOVEMBER, 2017 at Punjab Remote Sensing Centre, Ludhiana, organized by Indian Society of Geomatics-Ludhiana Chapter & Punjab Remote Sensing Centre with the aim to expose the school Children to GIS related activities through fun filled games, skits, quiz, lectures etc. In all Ten schools and 90 research scholars attended the event.

The following activities were conducted on the Day

- Activities were fun filled and educative games
- Poster Making
- Skit : on the topic entitled **“Life on Mars as expected by You”**.
- Exhibition depicting various maps generated using remote sensing and GIS technology
- Lecture
- 3D Demo
- Treasure Hunt
- VIBGYOR
- Prize Distribution

A Lecture on “GIS in Day to Day Life” was Delivered by Mr. C.M. Adhikari, ESRI India Ltd.

Impact

- In all 100 students, 10 faculty members drawn from 10 schools and 90 research scholars attended the event.
- The students learn about the basics of mapping through GIS besides how to get 3D View of Images/ Photographs.
- They also enjoyed the fun filled games, which were entertaining as well as educative.
- The children enjoyed the DAY and learnt a lot at the same time

National Conference on Role of Geospatial Technologies to Bridge the Rural and Urban Divide Organized by Indian Society of Geomatics-Ludhiana Chapter *in collaboration with Punjab Remote Sensing Centre, Ludhiana from 21-23 February, 2018 (21st Feb-Tutorials; 22nd & 23rd Feb-Conference)* with the objectives to sensitize the researchers, academicians planners and about the role of geospatial technologies in day to day life and to provide a platform to share their respective knowledge expertise and experiences in geospatial sciences.

The major themes covered during the conference is as under:

- Advances in Geomatics and ITeS
- Natural and Water Resources
- Climate, Ecology, Environment and Forestry
- Policy, Planning, and Governance
- Education, Research and Training
- Agriculture and Allied Fields
- Health and Social Welfare
- Urban Planning and Development
- Rural Planning and Development
- Tourism, Infrastructure and Industry

A brief summary is given below:

Pre Conference Tutorials was conducted on the Themes

- “ Geo-Informatics for Agricultural Management
- “ Space Technologies for Infrastructure Development.

Around 20 participant across the Country attended the Pre Conference tutorials where lectures were delivered by Scientist from ISRO and PRSC.

Participants were also exposed to the Geospatial Technologies through Hands on practise.

Total Participants: 300 (including invitee, dignitaries, experts, guests etc.)

Participation from Central and State Government: 50 Departments

Participation from Academia Institutions including Universities: 20

Industry: 19

Registered Participants: 210

Invited / Plenary Lectures: 16

Oral Presentations: 86

Poster Presentations: 37

Numbers of Abstracts Accepted 125

Souvenir & Abstracts Volume was published, released and distributed among the participants

The following were present at the dice at Inaugural ceremony

Chief Guest of the Event S. Navjot Singh Sidhu, Hon'ble Cabinet Minister, Local Govt., Tourism & Cultural Affairs and Archives & Museum, Govt. of Punjab

Guest of Honour Dr. A. Senthil Kumar, Director IIRS, Dehradun

Special Guest of Honour Dr. Sandeep Tripathi (IFS), Principal Chief Conservator of Forest (Wild Life) cum CEO, ORSAC, Bhubaneswar

Presidential Address Dr. Shasikant A. Sharma, Scientist SG, SAC on Behalf of President ISG (Dr. Tapan Misra), Director SAC, Ahmedabad

Chairman ISG Ludhiana Chapter, Dr. Brijendra Pateriya, Director, PRSC

Secretary, ISG Ludhiana Chapter, Dr. Anil Sood, Scientist, PRSC

A Plenary Session was conducted for the benefit of the participants where lectures were delivered by eminent Scientists on current trends of geospatial technology in various fields.

A Special Session on Industry Presentation by Government and Non-Government Corporate

Awards were given away during closing ceremony to the winners in Oral and Poster Presentation (Student, Young Scientist and Senior Scientist categories)

A Cultural Event was organized on the occasion.

Environment Day-2018 (June 5, 2018)

ISG , ISRS Ludhiana Chapters & PRSC Celebrate World Environment Day-2018 (June 5, 2018) : Drone & Robots Steals the Show

The young and budding scientists demonstrated the drone and robotics usages on the occasion of World Environment day, celebrated by Punjab Remote Sensing Centre (PRSC) in collaboration with Indian Society of Remote Sensing (ISRS) and Indian Society of Geomatics (ISG)-Ludhiana Chapters.

Dr Brijendra Pateriya, Director, PRSC while addressing the participants urged them to think about how we are part of nature as we ultimately depend on it. He advised to connect with the nature for safer environment for all of us.

He elaborated upon the growing concerns such as the use of plastics in day to day use. The plastic, nowadays, is a big, if not the biggest enemy of the planet we live on. Everyone should try helping earth live longer, starting with recycling the plastic bags we buy from everyday stores or we should avoid using it.

Prof S S Kukal, Dean, College of Agriculture, Punjab Agricultural University welcomed the participants and gave a detailed account of environmental degradation in the region and encouraged the participants to protect our environment.

On this occasion, a lecture on precision farming and air quality monitoring using drone was given by Mr. Aryaman Verma, a student of Class 8th in Sat Paul Mittal School.

Mr Amarinder Singh, a progressive farmer from Nabha (Patiala) presented successful and sustainable agriculture by enhancing crop production using climate smart agriculture techniques.

The students of WhiZRobo-A Robotic Institute in Ludhiana demonstrated the use of Robotics to destroy the mines under water. At the end, vote of thanks was proposed by Dr Anil Sood, Secretary of the Ludhiana Chapter of ISG.

On the occasion, a plantation drive was conducted to plant the saplings in the PRSC Campus.

World Yoga Day Celebrated at PRSC-21st June 2018 - Attended and practice Yoga by Staff from PRSC under the guidance of Dr. H S Sur (Yoga Expert), Ex Director, PAU Research Station for Kandi Area, Balawal Saunkhri.

One Day online Workshop titled “Geospatial Technologies and Sendai framework for Disaster Risk Reduction”, conducted at PRSC for ISG-ISRS members and faculty & students from local Institutes (PAU, GNEC, GCG etc.) on 10th July 2018.

Guest Lecture by Dr. B K Handique Scientist, NESAC, Shillong on July 25’ 2018.

“Geospatial Activities in the NESAC”. Knowledge sharing between the two institutes- Attended by research Scholars from Punjab Remote Sensing Centre, ISG-ISRS Members and faculty/students from Punjab Agricultural University, Ludhiana

On 14th November, 2018 it is planned to celebrate International Day 2018. The event is already registered online.

We also request you to consider our case for the Best Chapter Award

Photographs for different events are attached for your reference

**(Anil Sood)
Secretary, ISG-Ludhiana Chapter**