REPORT ON WORKSHOP

1. Event Title: "Workshop on Research Opportunities in Geospatial Technology & Applications".

2. Event Date: 19th September 2018

3. Event Conduction Duration: One Day

4. Event Venue: Seminar Hall, Y Building.

5. Name of Event Convener with contact details: Dr. Mahesh Endait (9923687795)

6. Name of Event Co-Convener : Dr. V S Narayana Tinnaluri

7. Event Outline & Outcome of the event:

8.No.of Participants : Around 300 participants across Maharashtra

Event Outline: School of Engineering and Technology, Sandip University, Nashik, had organized a workshop on "Research opportunities in Geo-spatial Technology and Application" in collaboration with National Remote Sensing Centre (NRSC), Hyderabad & Indian Space Research Organization (ISRO).

Distinguished Dignitaries present were: Honorable Chairman **Dr. Sandip kumar Jha**, Sandip Foundation; Honorable **Hemant Godse, Member of Parliament** Nashik; **Col. Prof. N. Ramachandran**, Vice Chancellor, **Sandip university Nashik**; **Dr Rajashree Bothale**, general manager Outreach Facility, **NRSC, Hyderabad**; **Dr. S V C Kameswara Rao**, Scientist/ engineer – 'G' and general manager, **NRSC, Nagpur**; **Dr Milind Wadodkar**, Scientist- SE, Soils and agriculture, RRSC- Central, **NRSC, Nagpur**; **Dr T P Girish Kumar**, Scientist **NRSC, Nagpur.**

Outcome of the event: The workshop aimed at connecting Geospatial Technology with the masses, solve their problems and promote innovations through research. The prime focus was that Technology should reach common man, there by benefitting society.

Details of the program:

- National Remote Sensing Centre (NRSC) is the focal point for distribution of remote sensing satellite data products in India and its neighboring countries. NRSC has an

earth station located at Hyderabad, to receive data. The data from these satellites are used for several applications covering agriculture, water resources, urban planning, rural development, mineral prospecting, environment, forestry, ocean resources and disaster management.

- Use of geospatial technology for delivering government services to achieve efficiency, transparency, and citizen's participation.

- Role of Space Technology in governance is very significant in providing geospatial information and status monitoring.

- AMRUT- 500 Cities GIS Based Master Plan Formulation:

  Main Components: 1. Water Supply Systems , 2. Sewerage , 3. Septage, 4. Storm Water Drainage , 5. Urban Transport, 6. Green Space and Parks, 7. Reforms management & support, 8. Capacity Buildings.

- NDEM is a National geospatial database repository of the entire country coupled with Decision Support System tools to assist the disaster management during emergency situations.
- NRSC has taken a number of initiatives to ensure meaningful utilization of space technology for addressing the problems of humankind; to provide opportunities for space research to the younger generation; and to generate awareness amongst public.
- Satellite based optical and radar imagery is used widely in monitoring agriculture. Radar imagery is especially used during monsoon season. Integrated use of geospatial tools with crop models observation enables timely crop production forecasts and drought assessment & monitoring.

8. Event Photos:


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Research Opportunities in
Geo-Spatial Technology & Applications
nrsc
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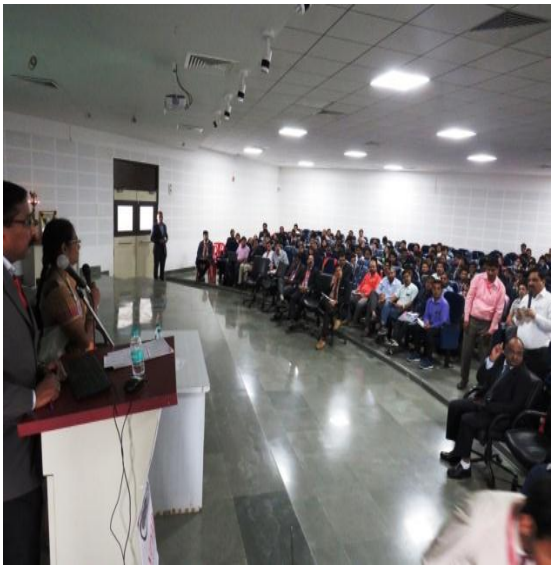
Why ISRO/NRSC intends to encourages partnerships with academic institutions and Industry?

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