



MARATHWADA MITRA MANDAL'S
COLLEGE OF COMMERCE

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Report on

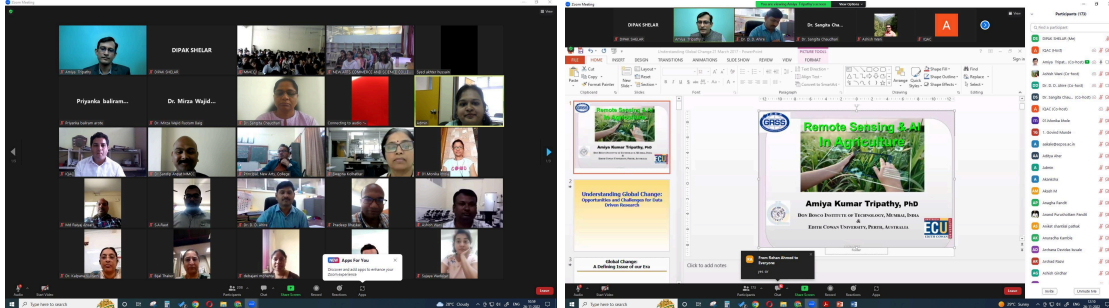
IEEE-GRSS Bombay Chapter's

**One day National Level Virtual Seminar
on
Emerging Trends in Remote Sensing (ETRS-2022)**

on 26th November 2022

Organized in collaboration with

Milliya Arts, Science & Management Science College, Beed
Marathwada Mitra Mandal's College of Commerce, Pune
New Arts, Commerce & Science College, Ahmednagar



Prof. Amiya Kumar Tripathi, Chair IEEE-GRSS Bombay Chapter, in his presidential address for the seminar, highlighted the applications of Remote Sensing and ample job opportunities for societal benefit. He directed the researchers to study the earth comprised of abiotic and biotic factors, through the **'third eye in the sky'** ie. the satellite. He further mentioned about geoscience (earth, sea topography) that when used with data science will lead to analysis and modeling in case of natural disasters and preservation of ecology. His technical session on 'Demystifying Remote Sensing and AI applications in Agriculture' discussed the challenges in data driven analysis such as data complexity, data characteristics and complex processes. He also discussed a few case studies to understand the challenges in observation and data retrieval in the field of remote sensing.

Dr. Sangita Chaudhari, Vice Chair, IEEE GRSS Bombay Chapter & Professor, RamraoAdik Institute of Technology, Nerul, Navi Mumbai, discussed 'Geospatial Intelligence: Today and Tomorrow'. She also explored the correlation between GIS and remote sensing. She also mentioned the importance of data and mechanism to generate, process such useful data for the applications for the societal benefit. Her lucid explanation of the topic through video clips made the session interactive and interesting.

Dr. Sushree Sangita Mishra, WIEA IEEE-GRSS Bombay Chapter & Associate Professor, Amity University Mumbai, detailed on 'Spatio - temporal Drought Vulnerability Assessment using Remote Sensing, GIS and multiple time scaled indices'. She defined the term drought in terms of technological scale for assessment in a research point of view. She also discussed various agricultural drought indices for the implementation of the application model. Few case studies have been discussed to understand the research going around the globe, in the field of drought assessment using remote sensing.

Mr. Munir Mohammed, Sr. Program Manager, IEEE, spoke on 'IEEE Standards for Academia'. He explored the journey of IEEE and IEEE standards and the programs offered.

The ETRS-2022 was graced by Dr. Shafiyoddin Sayyad, Convener who introduced the theme and goal of this seminar, Dr Anil Athare, Vice Principal, Principal Dr. Mohammad Illiyas, and Principal Dr. Devidas Golhar who welcomed all the resource keynote speakers, dignitaries and 447 participants of various colleges. The seminar concluded with Dr. Sandip Anpat's narration of the essence of the seminar. This was followed with the valedictory program chaired by Mr. Munir Mohammed in the presence of all dignitaries and participants.



Dr. Anpat S M
IIRS-ISRO Nodal Center Coordinator



Dr. Devidas Golhar
Principal



