

Title - Artificial Intelligence for Signal Processing Applications (AISPA 2020)

Organized by: Signal Processing Society Chapter, Gujarat Section

Total number of Participant (IEEE/Non-IEEE) - Students / Professional etc

Date of Event: 22-26 Dec 2020

Venue of event : Sarvajanic College of Engineering and Technology

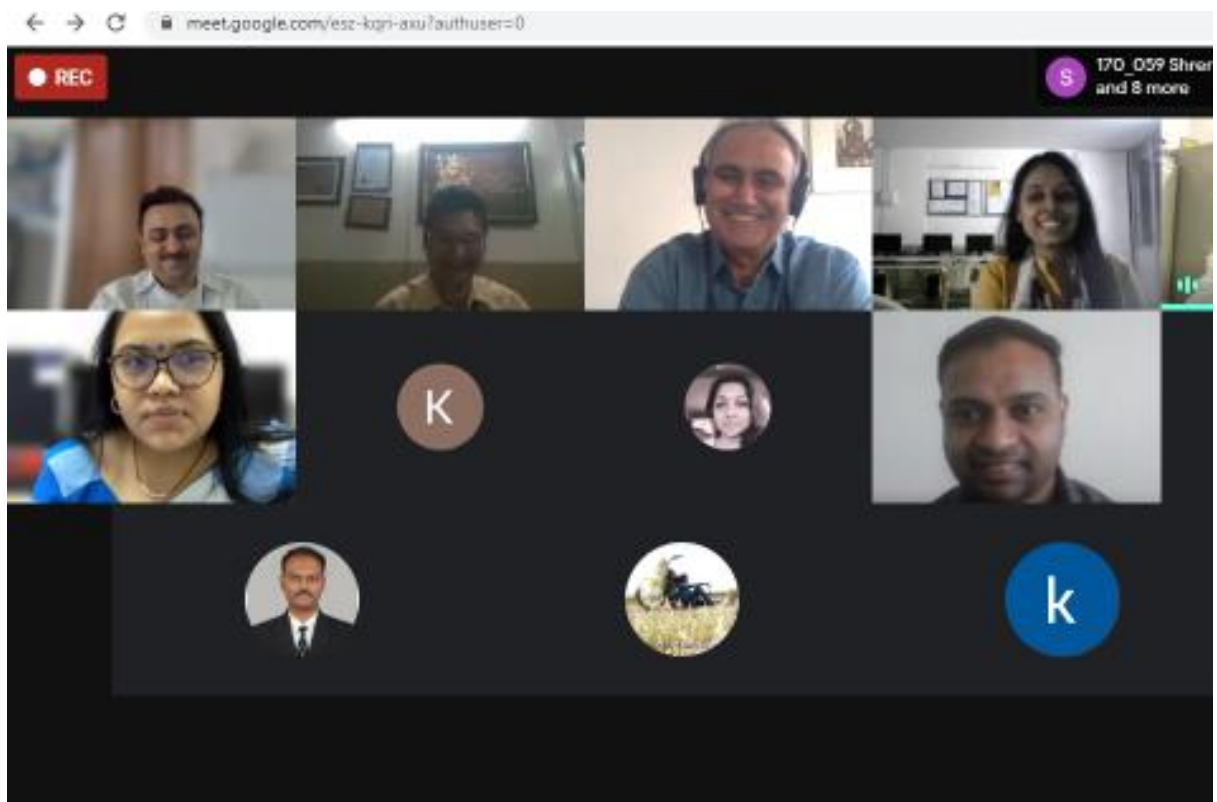
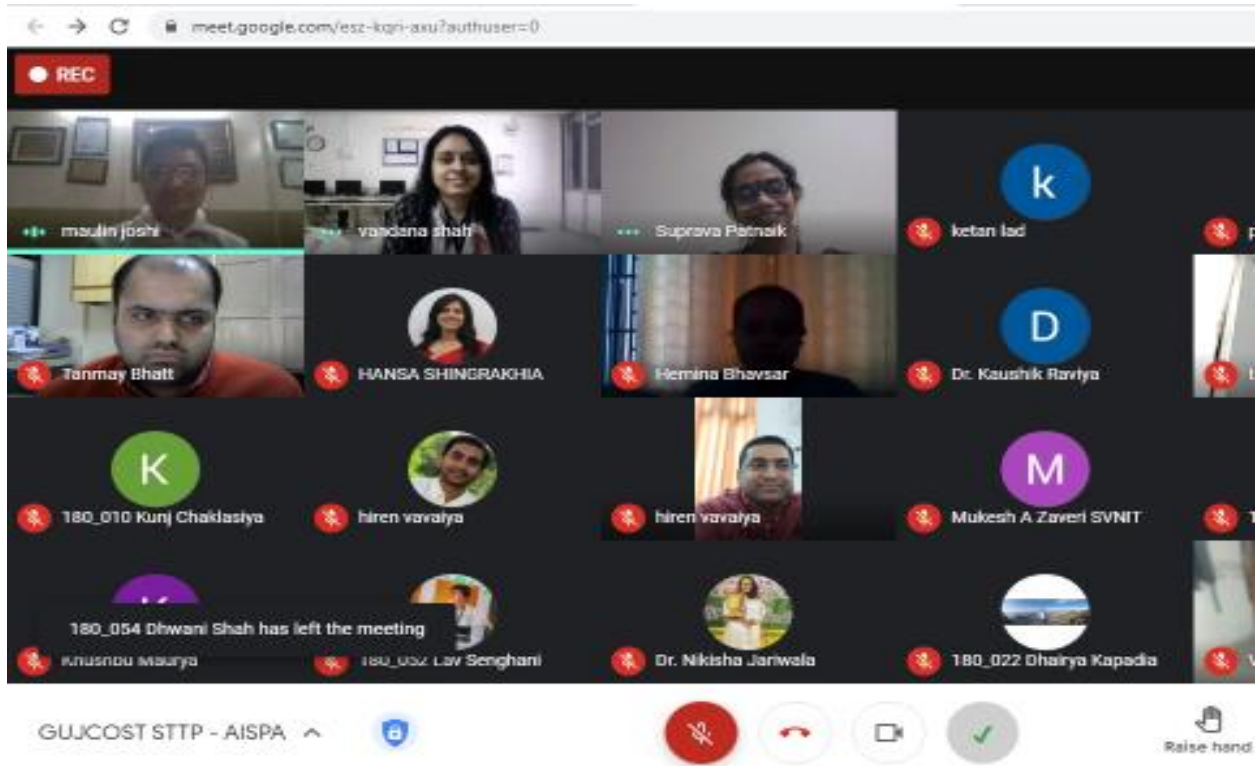
Description (Max : 500 words): Short Term Training program (STTP) on Artificial Intelligence for Signal Processing Applications (AISPA) aimed at cooperative use of two disciplines namely Artificial Intelligence (AI) and signal processing (SP) from later one's (i.e. signal processing) perspective. AI been visualized as the science of building computational models that exhibit intelligent problem solving behavior and signal processing can be termed as science of playing with and /or manipulating numeric signals / data to extract meaningful information out of input signal.

Looking experience of In last decade, domain of signal processing (SP) has been benefited and enriched by emergence of in artificial intelligence (AI) and machine learning (ML). These advances have made new tools availability in sub domains like signal estimation, manipulation, classification and prediction. In data analytics, it is possible for further research in dimensionality and data size with the help of layer by layer signal representations, function approximation and signal prediction for nonlinearity as well. These enhancements have led research community to significant improvements in a wide variety of long standing problem domains (e.g., speech processing, vision/video based systems

AISPA invited senior academicians and also active researchers to showcase their recent work at the rapid evolution in ever evolving techniques and application areas. It covered fundamental and theory of signal processing to applications that addressed open questions in various disciplines of ICT including robustness, adaptivity, and performance analysis. Detailed topic wise summary is given in later section.

Sttp on AISPA helped enriching knowledge of all participants and might have enabled them to start, accelerate and conquer their work in near future for overall country wide benefits.

Event Photographs –



meet.google.com/...
RCC Dr. Mita Paunwala is presenting 42, Sardar Vallabhbhai Patel Road, Gandhinagar, Surat 392 015 10:10 AM



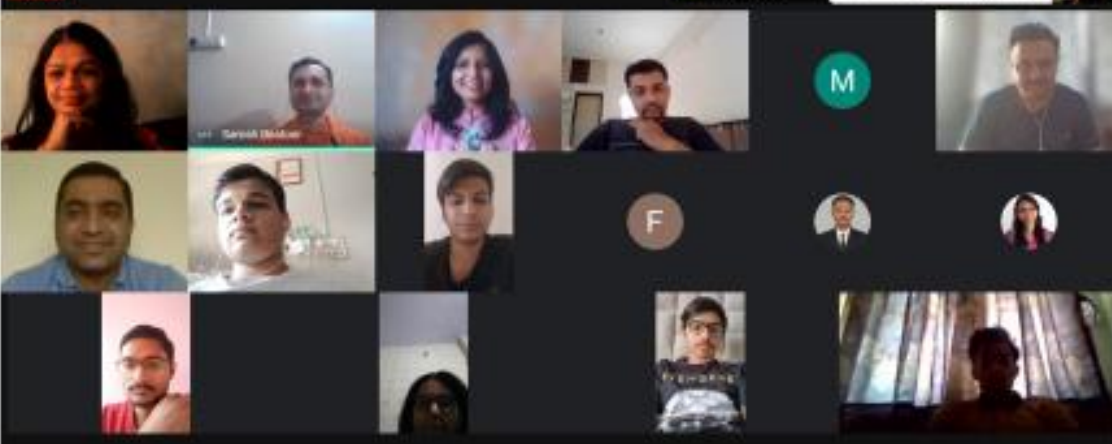
GAN: A Cutting Edge Technology in the field of AI

Dr. Mita C. Paunwala
Associate Professor and Dean Alumni Affairs
CKPCET, Surat

Participants: You, Dr. Mita Paunwala, Suresh Desai, A, TR, Mahesh Kumar

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RCC 15, Nijam Road, ... 11:21 AM



Participants: M, F, and several other individuals in a grid layout.

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