Area / Group Name: Signal Processing

Signals can be employed to convey large amount of information that needs to be meaningfully processed. Signal processing is the fundamental theory enabling generation, transforming and understanding of the above described information. Signal processing research group in the department of electronics and communication engineering caters to multimedia forensics, machine learning, multimedia communications, brain computer interface, content based image retrieval, distributed networks and estimation theory. The state of art labs complement the research activities preformed by the group.

Currently, 11 faculty members are working in this broad area. Around 17 PhD research scholars have been working in this area. More than 100 research papers in reputed International Journals and many more conference papers, book chapters have been published in this area by the faculties and students of the department of ECE, JIIT.