

2018-19

Office Bearers

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Guest Lecture On “INTRODUCTION TO COMPUTER VISION”

Session Date: 20/03/2018

Guest Lecturer: Mr. Mohanraj V

Data Scientist- Data Analysis COE HCL Technologies Ltd

Innovation in the field of Image Processing, Machine Learning, Deep Learning has taken the world by storm and it's the time when the young minds can explore this arena and can contribute enthusiastically. To ignite their mind and set them on track, the SPS Student Chapter Branch, IEEE Signal Processing Society along with its faculties and students had put effort to conduct an interactive Guest lecture session on "INTRODUCTION TO COMPUTER VISION".



SPS IGNITE

Event Date: 31/03/2018

The most awaited day, the event “SPS IGNITE” of IEEE Signal Processing Society Student Chapter of VIT Chennai Branch ended well and we had set up a new milestone. The motive behind organizing the event was to provide the students with an opportunity to show the world the work that has been keeping them up at night. So, if they had been tirelessly tinkering with a tech project that solves complex problems and had applications to benefit society, then the event was best suited for them.



Computational Imaging with Few Photons, Electrons, or Ions

Guest Lecture Date : 4th December, 2018

The Guest lecture emphasised on how LIDAR systems use single-photon detectors to enable long-range reflectivity and depth imaging and by exploiting an inhomogeneous Poisson process observation model and the typical structure of natural scenes, first-photon imaging demonstrates the possibility of accurate LIDAR with only 1 detected photon per pixel, where half of the detections are due to (uninformative) ambient light.



Hands on Training for Computer Vision

Workshop Date : 10th & 11th August, 2018

Resource Person : Dr. Mohanraj N, Data Scientist, HCL Pvt. Ltd.

The workshop is aimed at introducing the field of computer vision. Computer vision enables the system to model and realize the environment. It is the implementation of image processing and machine learning algorithms for retrieval of the real world 3D structure in 2D imagery. It uses mathematical techniques to extract, describe, and understand the information in 2D images.



BOOT CAMP ON MATLAB FOR SIGNAL PROCESSING v1

Date : 13th February,2019

Boot camp was organized for the students on Wednesday,13 th Feb during extramural hour. Objective of this boot camp was to make students understand the basics of MATLAB software and Signal Processing and how to integrate both.

