

9th April-14th April, 2018

ONE WEEK WORKSHOP ON

MULTIMEDIA, COMPUTER VISION AND APPLICATIONS

Department of Electronics & Communication Engineering

Jaypee Institute of Information Technology,

Noida



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Jaypee Institute Of Information Technology (JIIT), Noida. It offers Undergraduate, Postgraduate and Doctoral courses in the fields of Computer Science and Engineering, Electronics and Communication Engineering and Biotechnology, apart from having a Business School, popularly known as JBS. The undergraduate programs of the university have been accredited by the National Board of Accreditation of AICTE. With a lush green campus, brilliantly developed infrastructure, well-equipped laboratories and intellectually stocked Learning Resource Centre, JIIT provides an amazing ambiance for all its students and faculty members. With consequent increment in its NIRF (MHRD) rankings, JIIT stands out in the entire Delhi-NCR region.

ABOUT DEPARTMENT OF ECE

The Electronics and Communication Engineering (ECE) Department at JIIT runs a four-year B. Tech. program and two-year M. Tech program. Besides running a full-time undergraduate program, the Institute also runs a five-year dual degree (B. Tech.+M. Tech.) course, two full-time graduate programs with specializations in Electronics and Communication Engineering (ECE) and Microelectronics and Embedded Technology (MET). The department also runs Ph.D. degree course in key areas of current technological importance. For more information visit: http://www.jiit.ac.in



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The workshop aims at teaching and explaining to students and researchers the very basics of Multimedia and Computer Uision and guiding them to take up projects and pursue research work in this arena. The workshop will not only witness enlightenment from some of the very eminent and distinguished dignitaries in this field but will also provide a platform for the participants to discuss their ideas and abstractions.

This workshop is focused on the fundamental concepts of Multimedia, Computer Vision and Applications. Distinguished dignitaries in the field will be delivering lectures and conducting hands-on sessions dealing different content forms such as text, audio, images, animations and video. The workshop will provide a suitable platform for the experts and learners from diverse fields to discuss recent progress in the area.

TOPICS TO BE FOCUSED UPON

- 1. Industrial applications of computer vision
- 2. Cameras of the future
- 3. Object Tracking

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- 4. Issues in Remote Sense Image Change Detection
- 5. Research Performance issues in Graphics, Gaming and Animation systems

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- 6. Introduction to Deep Learning
- 7. Introduction to Data Visualization

