



Science Academies Refresher Course on Paradigms and Applications of Pattern Recognition in Image Processing and Computer Vision

hosted by

**School of Information Technology and Science
Dr GR Damodaran College of Science, Coimbatore 641 014**

Recognition of patterns is a cognitive task that is easy for human beings but extremely difficult to embed into computing systems. Pattern recognition theory is vast and currently advances in machine learning have brought new insights. The applications of pattern recognition are wide ranging. However image processing is one such area, which spreads across industry applications such as biometrics, medical image processing, satellite geospatial data processing, document image processing, optical character recognition, etc. Computer vision focuses on human-computer interaction, camera sensors and intelligence.

A Refresher Course will be held from 23 January to 4 February 2012 at School of IT and Science, Dr GR Damodaran College of Science, Coimbatore. The Resource Persons will be experienced academicians and researchers in the field of image processing/computer vision/pattern recognition. Both theoretical and laboratory sessions will be taken up during the Course.

Eligibility for participation: Motivated individuals from reputed academic organizations/research institutes interested in the course themes. Participants can be: (i) faculty members teaching UG/PG courses with at least two years experience; (ii) research scholars working full-time/part-time; (iii) post-graduate students with specialization in image processing/computer vision/pattern recognition.

Selected participants will be provided local hospitality and round trip actual bus fare/train fare (3 tier AC) by the shortest route.

Those who wish to participate in the Refresher Course may send their application on plain paper with following details: name, age, academic qualifications starting from B.Sc. onwards, teaching experience, course taught, and positions held. They may also give a one page write-up regarding their expectations and learning objectives from this course.

The applications should be sent to:

Mrs K. Vanitha Sidambaranathan

Coordinator, Science Academies Refresher Course

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Last date for receipt of applications: **30 November 2011.**