

PREFACE TO THE COURSE

Computer Vision is a field that involves automatically extracting, analyzing, and understanding useful information from digital media. It has become increasingly important in real world systems for commercial as well as industrial applications. Computer Vision related technologies have started migrating from academic institutions to industrial laboratories, and further into deployable systems. The primary objective of this course is to bring together academicians industrialists, researcher and professionals working in the area of computer vision. The course also aims to give a complete hands-on experience to the participants on various open source tools available.

Topics include (but are not limited to)

- Face detection & recognition
- 3D modeling
- Real time tracking
- Human motion analysis
- Image-based rendering
- Medical analysis
- Robotics applications
- Scientific imaging applications
- Vision for entertainment
- Underwater industrial applications

INTENDED AUDIENCE

Faculty members, UG and PG students from various engineering colleges with working knowledge in computer programming are encouraged to participate in this course.

ABOUT THE INSTITUTION

College of Engineering Perumon was established in the year 2000 under the Co-operative Academy of Professional Education (CAPE), Govt. of Kerala and was affiliated to Cochin University of Science and Technology. The college has registered speedy progress since then and it currently offers five undergraduate programmes (ME, ECE, EEE, CSE and IT) in affiliation with APJ Abdul Kalam Technological University. An M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The students of our college have been securing top ranks in B.Tech Degree Examinations conducted by CUSAT right from the first batch. The college has a distinctive academic stature in the arena of engineering institutions in the state.

ABOUT THE DEPARTMENT

The Department of Computer Science and Information Technology was established in the year 2000 offering four year B.Tech programme in Computer Science and Engineering, Information Technology and M.Tech programme in Computer and Information Science commenced in the academic year 2011-12. The major strength of the department is highly qualified and experienced faculty with specialization in main areas of Computer Science and Engineering and Information Technology. State-of-the-art facilities are available in all the labs to train the students capable of meeting the requirements of present and future.

REGISTRATION FEE

Internal Participants: Nil
Academicians: 500/-
UG/PG students: 250/-

HOW TO APPLY

The registration form and sponsorship certificate duly filled and signed by Head of the Institution in the prescribed format should be submitted on the commencement of the programme. The applicants should confirm their participation on or before 13/03/2019 by email.

Email:-ktucse2017@gmail.com

ROUTE MAP

