

- Ms. P. Radhika Organized A National Conference On Advanced Trends In Computer Science & Information Technology, Ncatcsit-16 in Geethanjali Institute Of Science & Technology On 8th October 2016.
- Ms. V. Gayatri published a paper on “Secure Level Alien Parallel Trust against Sybil Attack in P2P E-Commerce” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute of Science and Technology, Nellore, 08/10/2016.
- Mr. K. Sreenivas published a paper on “The Locations of IP Spoofers from Pathway Backscatter in Passive IP Traceback” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute of Science and Technology, Nellore, 08/10/2016.
- Mr. K. Sreenivas published a paper on “A Data-Collector Method for Information Generation In Open Nets” National conference on Advanced Trends In Computer Science And Information Technology at Geethanjali Institute Of Science and Technology, Nellore, 08/10/2016.
- Mr. Sk. Asiff published a paper on “Scalable and Secure Data Aggregation Technique for W S N in The Occurrence of Conspiracy Attacks” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute Of Science and Technology, Nellore, 08/10/2016.
- Mrs. V. Gayatri Research Methodology at Sri Padmavathi Mahila Viswa Vidyalayam, Tirupathi on 21-27 Dec 2016.

Editorial Board

Faculty Editors: P. Radhika, Asst. Professor, Sk. Asiff, Assoc. Professor

Student Editors: 1. Ch. Sujitha (II CSE) 2. D. Kavya (II CSE) 3. P. Maneesha (III CSE) 4. Sk. Shanwaz (III CSE)

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GEETHANJALI

Institute of Science and Technology

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

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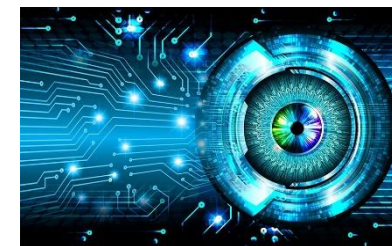
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Computer Vision

Computer vision, abbreviated as CV, is defined as a field of study that seeks to develop techniques to help computers “see” and understand the content of digital images such as photographs and videos. The problem of computer vision appears simple because it is trivially solved by people, even very young children. Nevertheless, it largely remains an unsolved problem based both on the limited understanding of biological vision and because of the complexity of vision perception in a dynamic and nearly infinitely varying physical world.

- The goal of the field of computer vision and its distinctness from image processing.
- What makes the problem of computer vision Challenging.
- Typical problems or tasks pursued in computer vision.

Computer vision is distinct from image processing. Image processing is the process of creating a new image from an existing image, typically simplifying or enhancing the content in some way. It is a type of digital signal processing and is not concerned with understanding the content of an image. A given computer vision system may require image processing to be applied to raw input, e.g. pre-processing images. The goal of computer vision is to extract useful information from images. This has proved a surprisingly challenging task; it has occupied thousands of intelligent and creative minds over the last four decades, and despite this we are still far from being able to build a general-purpose “seeing machine.” Nevertheless, there has been progress in the field, especially in recent years with commodity systems for optical character recognition and face detection in cameras and smartphones. Computer vision is at an extraordinary point in its development. The subject itself has been around since the 1960s, but only recently has it been possible to build useful computer systems using ideas from computer vision.



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National Conference – NCATCSIT -2016

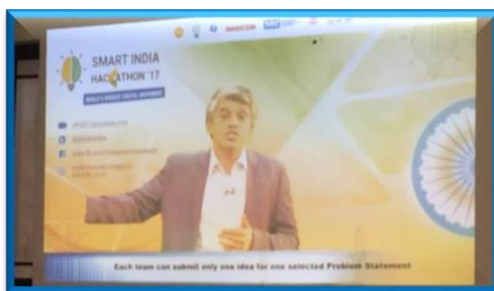
The objective of the Conference aims to bring together researchers, scientists, engineers, industry experts and academicians to exchange and share their innovative ideas and research results. The conference will seek to address the challenges and new directions presented by technological innovations in educational settings. The Chief

Guest Dr. Y. Ramadevi, Professor & Head, Computer Science & Engineering of Chaitanya Bharathi Institute of Technology. Over 26 Technical papers were received among which 1 is International Paper.

Smart India Hackathon

Department of CSE proudly claims for organizing and to be one of the participants in the Webinar organized on campus on 16-12-16 in connection with Smart India Hackathon 2017, the greatest digital movement in the country with 36 hours nonstop digital programming competition. The participating teams were competing simultaneously from as many as 33 locations across the country. The Webinar aims to offer sustainable digital solutions to real time challenges around. The Webinar was organized by Dr. Anil Sahasrabudhe, Chairman, Smart India Hackathon 2017

Chairman, AICTE, Dr. Anand Deshpande, Co-Chairman, Smart India Hackathon 2017, Founder, Chairman & Managing Director, Persistent Systems Ltd. Dr. R.Srinivasan, Director, Ministry



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of HRD, Dr. Abhay Jere, Secretary, Smart India Hackathon 2017, Convener, i4C with about 60 participants enthusiastically taking part.

Student Publications

- K. Keerthi Reddy and K. Hari Priya presented a paper on “Information Security”, at TECHNOQUEST, NBKR, VidyaNagar(14-10-2017).
- S. Sravani and W.Aditya Varun presented a paper on “Google Glass”, at TECHNOQUEST, NBKR, VidyaNagar(14-10-2017).
- G. Yaraswini presented a paper on “Cloud Computing”, at MOHANAMANTRA-2017, SVCE, Tirupati (15-10-2017).

Faculty Achievements/Contributions

- Mr. K. Venkata Nagendra attended FDP on Data science and Big Data Analysis at ASCET, Gudur during 25-30 Nov 2016.
- Ms. V. Gayatri published a paper on “Designing an Optimal Data Delivery Strategy at Base Station in mobility nets” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute of Science and Technology, Nellore,08/10/2016.
- Ms. P. Radhika published a paper on “IOVFDT for Concept Drift Problem in Big Data” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute of Science and Technology, Nellore, 08/10/2016.
- Ms. P. Radhika published a paper on “Finding a Nearest node by Circulating Sample Sachet” National conference on Advanced Trends in Computer Science and Information Technology at Geethanjali Institute of Science and Technology, Nellore, 08/10/2016.
- Ms. N. Siva Nagamani published a paper on” A System Satisfying the Basic Requirements of Services in Unwired Nets” National conference on Advanced Trends In Computer Science And Information Technology at Geethanjali Institute Of Science and Technology,Nellore,08/10/2016.
- Mr. K. Venkata Nagendra attended FDP on Enjoyable coding at ASCET, Gudur during 7-8 Dec 2016.
- Mr. K. Venkata Nagendra attended FDP on Integrating Information and communication Technology in Academics at Vikram Simphapuri University, Nellore during 9-10 Dec 2016.

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