



KRISHNASAMY

College of
ENGINEERING & TECHNOLOGY

Approved by AICTE & Affiliated to Anna University
Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109, Tamil Nadu.
☎ (04142) 285 601 - 604 🌐 www.kcet.in ✉ info@kcet.in

“Technical Symposium on RTDC”22 conducted by Department of CSE on 30th September 2022.

KRISHNASAMY
COLLEGE OF ENGINEERING AND TECHNOLOGY
Anand Nagar, Nellikuppam Main Road, S. Kumarapuram, Cuddalore - 607 109.
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Cordially invite you to the
Technical Symposium
on
Recent Trends in Digital Computing'22 (RTDC'22)
on Friday, the 30th September 2022 by 09:30am, at the D-Block Sivaramakrishnan Memorial Auditorium in the college campus

Dr. E. KAVITHA,
Asst. Professor (Sr. Grade),
University college of Engineering,
Vilupuram.

Dr. V. RAMASAMY,
Asst. Professor (Sr. Grade),
Vel Tech Rangarajan Dr. Sagunthala
Institute of Science and Technology,
Chennai.

has consented to deliver the Key Note address.

Dr. K. RAJENDRAN, M.S., FICS., FAIS.,
Chairman,
Krishnasamy College of Engineering & Technology,
Presides.

Mr. N. VIJAYAKUMAR, B.A., B.L.,
Trustee / Secretary,
Krishnasamy Group of Educational Institutions,
Felicitates.

Er. P. VIJAYA SARATHY
Dr. S. RAMESH
COORDINATORS

Er. C. REIKHA
CONVENER

Dr. G. ELANGO
PRINCIPAL

Invitation



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Inaugural & Interaction Session

Technical Symposium on RTDC'22 2022

Automatic License Plate Recognition
M. Prasad and S. Praveen Reddy
Department of Information Technology,
IITET College of Engineering

ABSTRACT

Automatic license plate recognition (ALPR) is the extraction of vehicle license plate information from an image or a sequence of images. The extracted information can be used with or without a database in many applications, such as electronic payment systems (toll payment, parking fee payment), and freeway and arrival monitoring systems for traffic surveillance. The ALPR uses either a color, black and white, or infrared camera to take images. The quality of the acquired images is a major factor in the success of the ALPR. Different environmental conditions such as indoors, outdoors, day or night time, the license plates can be partially occluded by dirt, lighting, and viewing angle affect the success of the ALPR. In this paper, we present a comprehensive review of the state-of-the-art techniques for ALPR. We categorize different ALPR techniques according to the features they used for each stage, and compare them in terms of precision, recall, recognition accuracy, and processing speed. Future forecasts of ALPR are given at the end.

SMART FARMING USING IOT
K. Senthil and V. Sathya
Department of Computer Science,
IITET College of Engineering

ABSTRACT

IoT is a short for internet of things. IOT has many applications in agriculture, smart cities, smart home etc. This paper is mainly focusing on agriculture, as it plays a vital role in development of our country's economy. The new developments of Smart Farming with use of IOT, by the turning the face of conventional agriculture methods by not only making it optimal but also making it cost efficient for farmers and reducing crop wastage.

DEVELOPING A GUI FOR CIPHER TEXT ALGORITHMS USING STEGANOGRAPHY
B. Vidya and A. Sathya
Department of Computer Science,
IITET College of Engineering

ABSTRACT

Cipher text is encrypted text transformed from plaintext using an encryption algorithm. The message hidden inside a image and being transferred to the destined place. The message is encrypted with a password. The message can be decrypted by cracking the password by using the set of decrypting rules. The hidden message will be converted to the destination. Cipher text can't be read until it has been converted into plaintext (decrypted) with a key. The decryption cipher is an algorithm that transforms the cipher text back into plaintext. With the internet having reached a level that merges with our lives, growing exponentially during the last several decades, data security has become a main concern for anyone connected to the web. Data security ensures that our data is only accessible by the intended receiver and prevents any modification or alteration of data.

Krishnasamy College of Engineering & Technology, Cuddalore

Students Publication- Souvenir

KRISHNASAMY
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Ph: 04142-285601-604

Department of Computer Science & Engineering
Society of Computer Engineers
Proudly present

TECHNICAL SYMPOSIUM, RTDC'22 ON 30th SEPTEMBER, 2022

<p>CHIEF PATRONS Dr. K. Rajendran, Chairman, Dr. K. Rajaganesan, Secretary</p> <p>PATRONS Dr. G. Ganapathi, Principal, Dr. K. Rajitha, Vice-Principal</p> <p>CO-PATRONS Mr. G. Rajendrakannan, Administrative Officer</p> <p>CONVENER Dr. C. Sathya, Guest Prof & IITET - CSE</p> <p>STAFF COORDINATORS Dr. P. Vijayarajasekhar, AP - CSE Dr. S. Ramesh, AP - CSE</p> <p>ORGANIZING COMMITTEE Dr. B. Srinivasan, AP - CSE Dr. P. M. Sathya, AP - CSE Dr. N. Chandrasekhar, AP - CSE Dr. P. Srinivasan, AP - CSE Dr. V. Rajasekar, AP - CSE Dr. B. Srinivasan, AP - CSE Dr. P. Srinivasan, AP - CSE</p> <p>STUDENT COORDINATORS V. Anandharaman, AP - CSE A. Rajasekhar, AP - CSE M. Sathya, AP - CSE</p>	<p style="text-align: center;">To The Principal/Head of the Department,</p> <p style="text-align: center;">Dear Sir/Madam,</p> <p style="text-align: center;">With Our Day Technical Symposium, RTDC'22 - Souvenir</p> <p style="text-align: center;">Greetings from KRISHNASAMY COLLEGE OF ENGINEERING & TECHNOLOGY, Cuddalore.</p> <p>We are extremely happy to inform you that we are organizing a one day Technical Symposium on RECENT TRENDS IN DIGITAL COMPUTING (RTDC'22). We request you to kindly give wide publicity for this programme and motivate your students to participate. Needless to say that your encouragement and support will go long ways in making this programme a grand success. Kindly contact our team members for the guidelines regarding your registration. We look forward your favourable presence at the Technical Symposium Venue.</p> <p style="text-align: right;">Thank you</p> <p style="text-align: right;">With regards, Principal</p>
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Symposium Committee List



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Programme Report for “Technical Symposium on RTDC”22 conducted by Department of CSE on 30th September 2022.

Technical Symposium conducted on 30th September 2022 in “D Block Sivaramakrishnan memorial Auditorium” in our KCET , Campus. Chief Guest Dr.E.Kavitha and Dr.V.Ramasamy felicitate the event to an successful moves. Students from various institution were participated in categorization of thirst areas and they proven their novelty findings in session and got benefited.Nearly 45 students for other institution were participated and 25 Internal Participants benefited.


Coordinator




Principal

PRINCIPAL
Krishnasamy College of
Engineering & Technology,
Kumarapuram,
Cuddalore-607 109