



WAVES

VOLUME 3 • ISSUE VI MARCH 2019

Computer Science Engineering

Computing the "Future"

VISION

- To create young software professionals to compete the global challenges in the field of computer science and engineering and be researcher to meet the need of society.

MISSION

- To provide quality education to develop software for real time problem in scientific and business application for various needs of industry.
- To provide learning ambience to enhance innovations, problem solving skill, leadership qualities, team spirit and ethical responsibility to serve the society.

PEO

- The graduates will be able to design and to adapt modern tools to innovate ideas and develop computational solution for technological problem.
- The graduates will be able to develop professional skills for employment and understand the need of life long learning for a successful professional career.
- To develop an ability to become successful professional, entrepreneur and urge for pursuing higher studies.

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MANAGEMENT MESSAGE

BY CHAIRMAN

I feel delighted to write the chairman's message for the news letter of department of computer science and engineering. "Action speaks louder and clearer than words" that is proved by the department of computer science and engineering .I congratulate the Faculties and students for their wonderful effort for this fabulous newsletter.



PRINCIPAL'S MESSAGE

by DR. R. RAJESH

Welcome to Newsletter at RCET CSE

Academic year 2018-2019 has been a very successful year for the college and especially for department of computer science and engineering and we're proud to tell you all about it in this newsletter. We are very excited about what academic year 2019-2020 has in store for all of us. This will be a year of growth and new opportunities for everyone at RCET . I appreciate department of computer science continued commitment to the college . I express my heartfelt wishes to the faculty and students of computer science and engineering in their accomplishments.



HOD'S MESSAGE

by MRS. SAHILA DEVI

Greetings RCET alumni, students, faculties and other friends of our college!
We are pleased to present our newsletter for the academic year 2018-2019. This new newsletter is a way for us to get department news, info, and inspirational stories out to you in a more timely manner than ever before. We value your staying connected to us and I hope this is just another means for you to keep in touch with the latest RCET CSE news. We acknowledge the time constraints, so we offer a brief look at each story as well as the opportunity to click on an item to get more in-depth information.



EDITORS MESSAGE

by MRS. MEENAKSHIAMMAL
MR. SIVA PRASAD



Greetings, and welcome to the inaugural Forum for Waves newsletter. "The objective of the newsletter is to enhance the students, and to provide them with an opportunity for increased inclusion and participation in the activities and decision-making." So in our newsletter, we aim to provide useful information and information about activities of CSE department. We hope you will find this newsletter informative and useful.

EDITORIAL BOARD

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*"Standards
are always
out of date.
That's what
makes them
standards."
— Alan
Bennett*

EDITORIAL MEMBERS

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- Mr.S.Vishnu (IV YEAR)
- Mr.G.Maria Jenson (III YEAR)
- Ms.Deepa Ananthi T (III YEAR)

ONE DAY WORKSHOP ON IMAGE PROCESSING USING MATLAB

Department of CSE organized workshop on Image Processing at its campus to impart high quality training to the students in the emerging areas. This workshop was headed by Expertise Dr. C. Selvadev Christopher, M.E., Ph.D., Professor, Dept of ECE, St. Xavier's Catholic College of Engineering, Chunkankadai. The field of digital image processing refers to processing digital images by means of a digital computer. In recent years, various researchers are turning their attention towards the development of effective, efficient and robust computational techniques / methods for image processing analysis. This two day course provides hands-on experience with performing image analysis. Examples and exercises demonstrated the use of appropriate MATLAB and Image Processing Toolbox functionality.



A THREE DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM "E-SPART'19"

14 MARCH 2019

Department of CSE organized a National Level Technical Symposium E-Spart'19 on 14 March 2019. The Inaugural function was held at 10.00 am in the Grand Arena. The Chief Guest Dr. Bharathi, Head of the department ECE, University College of Engineering, Konam inaugurated the symposium. The symposium was organized to foster technical competence among students in their domain. The department magazine 'REVISTA'19' was released. Various technical and non-technical events like Paper Presentation, Technical, Quiz, Mysterious hunt, Gaming, Debugging, Ad-Mad, Video Editing, Web Designing, Coding and Decoding, Hacking were organized.

A TWO DAY INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN COMPUTER AND COMMUNICATIONS

MARCH 2019

The conference was presided by the Board of directors, Chief guest Dr. Kyung tae kim, Professor, Kalasalingam University, Academic Committee members, Guest of Honor Dr.Suresh Kumar, Senior Technical Engineer, Koodankulam, Nuclear Power Project, Heads of all Streams and the Students and Research Scholars. The International Conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Computer Science and Communication. The CD Proceedings of the ICRICC'18 was released. This conference was executed with a cluster of events which includes 2 keynote sessions and paper presentation sessions.



TECHNICAL TALK ON INTERNET OF THINGS

01 MARCH 2019

The Department of CSE, organized a two day workshop on Internet of Things from 28th February 2019 to 01st March 2019. The resource person for this workshop was Mr.K.Sreevenkatesh, Robotics Trainer, Elysium Academy Private Ltd. He highlighted the use of Internet of Things with a live example on its wide applications. He emphasized on IOT being the upcoming highlight in the technology field; uses of IOT, devices, platforms and services available along with real world application of electronics were demonstrated. Usage of App inventor for making Android application was also covered in the workshop. The task of interfacing IR sensor with arduino was completed by the enthusiastic students. These sessions successfully generated inspiration in young engineers' minds to come up with their own innovative projects.

TECHNICAL TALK ON BUSINESS ANALYTICS

Department of CSE has organized a technical talk on 'Business Analytics' to empower engineers with business. Principal Dr. R.Rajesh addressed the audience and appreciated the department for conducting activities under department association. He advised the students to make use of this technical talk by learning new technology beyond the curriculum. He gave some brief idea about today's topic with examples of implementation. Mr. Anoop, Technical Lead, Network Systems addressed the gathering by congratulating the department for conducting various events, he advised the students to build some projects on new technology in coordination with other departments.



A TWO DAYS GUVI FULL STACK TRAINING FOR A WELL ROUNDED ACADEMIC PREPARATION

As exciting as the world is today, the future of computing is beyond what you can imagine. Computing is one of those fields where it is almost impossible to predict what will happen next. Third and Final year Students of CSE have undergone two days training with GUVI Full Stack Programme on Java and Data Structure as an introductory course. Resource person S Maheswaran, Practice Head - Training & Talent Cultivation, GUVI Geek Technologies, Chennai guided the entire lot towards the world of Computing where students earned programming with Java in an easy and interactive way and the fundamental data structures, such as lists, stacks, queues and trees, and presents algorithms for inserting, deleting, searching and sorting information on these data structures in an efficient way.

EVENTS LIST

28.02.2019	Technical talk on Internet of Things	K. Sreevenkatesh, Robotics Trainer, Elysium Academy Private Ltd.
28.02.2019	Hands on workshop on Big Data	Dr. Krishna Kumar, Professor, V V College of Engineering.
26.02.2019	Guest Lecture on Intelligent system a transformation in Engineering Approach	Prof. A. K. Nayak, National Secretary/ CSI
25.02.2019	Guest Lecture on Recent development on compilers	Mrs. Ramprabha, Associate Professor, V V College of Engineering
15.02.2019	Workshop on Creating Website Using HTML.5 and CSS 3	Mr. Goldlin RanjithBilsburg, Nagercoil
12.02.2019	Guest Lecture on Linux Kernel Coding	Dr. K.Shanthi Professor, Cape Institute of Technology.
11.02.2019	Guest Lecture on implementation of the time-sharing model	Mr. Saravanan, Iconics Solutions.
10.01.2019	Workshop on Image Processing Using Matlab	Dr. C. Seldev Christopher, St. Xavier's catholic college of Engineering
23.10.2018	Guest Lecture on Java Network Programming	Mrs. Geetha Jenefel, Associate Professor, St. Xaviers catholic college of Engineering
23.10.2018	Guest Lecture on Front end web development tools	Dr.Nagarajan, Professor, Syed Ammal Engineering College
17.10.2018	Guest Lecture on Basic Knowledge in MIPS Architecture	Ms. Shanmuga Sundari, Assistant Professor, PETEC
12.10.2018	Guest Lecture on passive attack in Network security	Dr. Jegan, Professor.

EVENTS LIST

11.10.2018	Workshop on Animation Using Flash	Mr.Sanjiv, Proprietor, Z3 Info Tech
06.09.2018	Two days training Guvi Full Stack Training	S Maheswaran Practice Head - Training & Talent Cultivation, GUVI Geek Technologies, Chennai
09.08.2018	Industrial visit - Software development stages	Trans IT mPower Labs Pvt.Ltd, Banglore
09.08.2018	Industrial visit - Software development and design	UST Global, Bangalore
20.07.2018	Technical talk on Business Analytics	Mr. Anoop, Technical Lead, Network Systems

ACHIEVEMENTS

Students of Computer Science and Engineering participated and won First prize in Debugging Contest conducted by PET Engineering College, Second Prize in Project Expo Competition Conducted by Rajas Engineering College, won First Prize in Quiz Competition Conducted by PET Engineering College, won Second prize in Gaming and Poster Designing Competition conducted by Rajas College of Engineering, Second prize in Web Designing Contest participated in Best Manager Contest and won Second Prize, won Second Prize in Gaming Event conducted by SACOE.



COURSES OFFERED

UG COURSES

- BE - CIVIL ENGINEERING
- BE - COMPUTER SCIENCE AND ENGINEERING
- BE - ELECTRONICS AND COMMUNICATION ENGINEERING
- BE - ELECTRICAL AND ELECTRONICS ENGINEERING
- BE - MECHANICAL ENGINEERING

PG COURSES

- ME - COMMUNICATION SYSTEMS
- ME - THERMAL ENGINEERING
- ME - CONSTRUCTION ENGINEERING AND MANAGEMENT
- COMPUTER SCIENCE AND ENGINEERING