NEUROFLUENCE

Designing future with excellence

The Official Newsletter of the Department of Computer Science and Engineering

Vision

TO FORTIFY ETHICAL COMPUTATIONAL EXCELLENCE

Mission

- Imparts core and contemporary knowledge in the areas of Computation and Information Technology
- Promotes the culture of research and facilitates higher studies
- Acquaints the students with the latest industrial practices, team building and entrepreneurship
- Sensitizes the students to serve for environmental, social & ethical needs of society through lifelong learning.

Editors Speak

The Department of Computer Science and Engineering is launching the first issue of its official newsletter "Neurofluence" for the Academic Year 2021-22. This issue of the newsletter focuses on the trending topics, faculty publications, placements and many more. The readers are assured of technical insights on present market and departmental activities which is a combination of unique and parallel realms on the same platter.

Contents

Honeywell COE- Women Empowerment Training Program

Recognizing India's need for a future ready workforce, Honeywell Center of Excellence for Women Empowerment Inaugurated in CHRIST (Deemed to be University), Bengaluru by ICT Academy. The center aims to empower the students of the institution with digital skills such as Big Data Analytics, AI, ML, RPA etc. The Center of Excellence will train 100 students on advanced technologies, provide global certification from tech giants, facilitating placements for certified students.

Mr.Ashish Gaikwad, President Honeywell India said, "Honeywell being a technology leader, is deeply committed to educating the younger generation with the right knowledge specially in STEM Programs.

Speaking about this initiative, Mr. Nrendra Gopal, Head – Reasearch Publications, Content Development, said, "Technology has become part of every business. As technologies evolve, skilling will be key to employment and economic development.

Speaking in the inauguration Fr. Dr. Benny Thomas, Director, School of Engineering and Technology, School of Architecture and School of Law expressed his gratitude to Honeywell and ICT Academy for setting up the Centre of Excellence for "Youth Empowerment", which is a CSR Initiative of Honeywell. This Centre of Excellence will help the students to learn the Microsoft Data Analyst Associate Program, which is the need of the hour skill in the industry. Through this Centre of Excellence hundred underprivileged students in the institution learn the technology and get the global certification Program at Zero cost. They are also supported with the placement assistance at the end of the program.

Contents

Alumni Achievements

🖢 Alumni Achievements

Mr. Sankar Ganapathy has secured All India Topper in Technical entry in Indian Armed Force.

Department of CSE is proud the achievement and congratulates the student wholeheartedly.

ICT Academy updates

Designing and implementing a Microsoft azure AI solution

Dr. Aruna SK
Dr. Sundarapandiyan
Dr. Rakoth Kandan Sambandam
Dr. Ravikumar Y B

Microsoft Data Analytics using Power BI

Dr. Kukatlapalli Pradeep kumar
Prof. Mithun B N
Dr. Boppuru Rudra pratap

These faculty members have undergone Industrial Training to conduct corporate training on recent trending technologies such as AI & ML, Azure and AWS – in association with ICT Academy

Alumni Achievements

Student Achievements

Student Achievements

MEGHASHYAM MALUR 1960359 5 BTCS B Dept of CSE, from 1 KAR AIR SQN NCC, was awarded the Rank of Cadet Senior Under Officer from the unit. The Pipping Ceremony was held on 6th September 2021 at the Unit, Jakkur Aerodrome. The Rank was given several criteria such as participation in national camps, online training programs, NCC Digital forum review group at Group HQ Bangalore 'B', Parade Attendance.

Dhruv Gautam , Subiksha and Neil Nelson –bagged the best paper award in ICUS2021.

" Faculty Guest Talks

Dr. Manu Elappila was invited by SOAWAL, Dept. of EEE, ITER for a guest talk on " Network Survivability in Wireless Personal Area Networks for IoT Application" on December 11, 2021.

Mr. Mithun B N was invited by APS College of Engineering for a guest talk on " Automata Theory and Computability" on December 10, 2021.

Department of CSE congratulates faculties for their achievements and wishes them good luck

Student Achievements

Faculty Research

Faculty Research

Dr. Jyoti Mandala, "An Integrated Reinforcement DQNN Algorithm to Detect Crime Anomaly Objects in Smart Cities". Journal Name - International Journal of Advanced Computer Science and Applications.

Dr. Sandeep Kumar, "Improved Feature Selection Method for the Identification of Soil Images Using Oscillating Spider Monkey Optimization". Journal Name - IEEE Access

Faculty Guest Talks

Faculty Quotes

Mr. Alok Kumar Pani has written about ICT: Important Components and Transformation

Since ancient civilization, Human beings have been always averse to change. From 19th century onwards, our society has been adopting the practice of routine governance. After practicing the same for almost two centuries, mankind slowly inclined towards the area of Information and Communication Technology. During 21 st century, we have completed the first two decades. We are slowly venturing into the third decade making ourselves converged towards a common goal. In this goal centric process, ICT has become a tool for transformative governance. Starting from Agriculture to Aerospace, Healthcare to Home needs, organizations are more inclined towards transformative governance which will be a pivotal factor for their mobility as well as sustainability. The key to this transformative governance is based on a series of 5T charter. Technology, Transparency, Teamwork, Timelines--- leading to Transformation.

5T is a tech enabled governance reform system at workplace endorsed by the Government thinktank " Niti Aayog " which will transcend all the barriers in the institutional space to propel growth. It is also collaborative and communicative which leverages the experience and skillset of individual employees in the team. It also helps to reduce the information asymmetries existing in the loop. 5T charter provides an action-based feedback mechanism that utilizes direct empirical evidence on performance at the de-centralized or operational level. This information contributes directly to improvement in the performance of the system and makes concomitant decision making much more evidence-based, economical, efficient and effective. This initiative also has a Gandhian core which says that people are the real masters across all domains.

Given finite resources on this planet by God Almighty, limitless economic growth is an illusion. Rather the growth should be more ecocentric , equitable and ethical through which we will be remembered for generations to come.

Faculty Research

PhD Completion

PhD Completion

Dr. Praveen Kulkarni

Dr. Vinai George Biju

Dr. Divya Vetriveeran
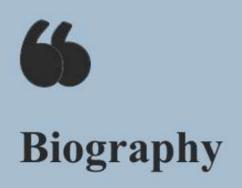
Department of CSE congratulates faculties for their PhD degree completion and wishes them good luck

Biography

Dr. Addepalli VN Krishna received the B.E(Mech.) from Osmania University, Hyderabad, M.Tech (CS) from BIT, Ranchi and PhD (CSE) from Acharya Nagarjuna University, Guntur.

Working As Professor, CSE, SOET, CHRIST University with around 28 yrs of teaching experience.

His research interest is Cryptography and Network Security with applications to Communications, Mathematical Modeling and Data mining.

He has authored 60 papers, of which 50 are in journals. He holds a Indian patent in Quantum Cryptography. He has authored chapters and his work has been cited 350 times in Google Scholar.

He is actively participating in Funded projects in areas of IOT, ML and Network security Funded by CHRIST University In association with other faculty .

He has Guided 3 scholars for their PhD from JNTU, Hyderabad and presently guiding 4 scholars for their PhD from CHRIST University.

PhD Completion

Announcements

Announcements

Jan, 2022 3 — Commencement of Even Semester Course Instruction for all UG/PG programmes

Jan, 2022 14 — Makara Sankrathi

Jan, 2022 17 — Announcement of results for Odd Semester regular and Supplementary Examination

Jan, 2022 21 — Global Tech Talk Series: Session-3

Jan, 2022 22 — Alumni Interaction- Internships and Project work

Jan, 2022 24 — Commencement of Even Semester Supplementary Examinations

Jan, 2022 26 — Alumni Day and Republic Day

Editorial Board