DEPARTMENT OF CSE 2022-23

St. Johns College of Engineering & Technology
Accredited by NAAC, Approved by AICTE, Recognized by UGC under 2(f) & 12(B),
An ISO 9001:2015 Certified Institution and Affiliated to JNTUA, Anantapuramu
Yerrakota, Yemmiganur-518 360, Kurnool Dt., AP

Department of Computer Science & Engineering

CLOUD COMPUTING

TECHNICAL MAGAZINE

Education with Innovation

Vol- II   Issue- I

2022-2023

CLOUD COMPUTING MAGAZINE : VOL- II   ISSUE- I

Vision of the Department:

To achieve academic excellence through education in computing and create intellectual and professionals to explore higher educational, research, and social opportunities.

Mission of the Department:

DM1: To provide high-quality computer education in both the theoretical and practical aspects of Computer Science and Engineering to educate the student to apply programming skills and solve real-world problems

DM2: To impart learning by educating students with social awareness, conceptual knowledge, and hands-on practices using modern tools and competency skills.

DM3: To prepare students to be research by conducting cutting-edge investigations in various domains and development in computer science

Programme Educational Objectives (PEOs)

The following PEOs are designed to be attained by all our graduates within 3-4 years of their graduation.

- Able to Design, Code, Develop and Integrate new software solutions and implementation.
- Prepare graduates to practice their profession with ethics, integrity, and social responsibility in a global context.
- Graduates will be able to stimulate continuing education with their existing knowledge in the field of Computer Science and Engineering.

Program Specific Outcomes

On successful completion of the Graduation, Graduates of Computer Science and Engineering will be able to:

PSO1: Comprehension, evaluation, and creation of software solutions for effective computer-based system design for real world problems.

PSO2: Enhance their ability to handle various projects in cross-disciplinary domains, solve problems in the wide scope of idea research, and evaluate environmental and social issues ethically.

About Department:

The Department of Computer Science and Engineering (CSE) was established in the year 2001 with a modest intake of 60 in B.Tech (CSE), besides an additional 20% of intake under lateral entry scheme for Diploma holders. The Department has well qualified faculty members. The Department is also supported with non-teaching staff. The first year of under graduate program follows semester system right from first year. Curriculum is designed with a provision for electives and inter-disciplinary courses.

The Department regularly conducts Guest Lectures, Expert Lectures, Seminars, Workshops and Add-on courses for the benefit of the students. Students are also encouraged to participate in technical symposiums/conferences conducted by various organizations. About 10 students are attached to a mentor to guide, motivate and counsel them in academic and career guidance.

Research Publications

- Dr. P. Veeresh has published a Journal on "A novel trust recommendation model in online social networks using soft computing methods", in John Wiley and Sons Ltd publication year 2022.
- Dr. Y. Narasimha Reddy has published a Journal on "Alarm System for Anti-Poaching of Trees in Forests and Farm Lands Using IOT" in High Technology Letters publication year 2021.
- Dr. C. V. Madhushudan Reddy has published a Journal on "IRIS Location and Recognition By Deep-Learning Networks Based Design for Biometric Authorization" in Journal of Engineering Sciences, publication year 2022.

Department Conducted Programs:

- A one day Awareness program on ESE, GATE, PSU's
- Farewell Day
- Technical And Quant In Sights For TCS Recruitment.
- One Day Online Workshop On Intellectual Property Rights & Patents And Design Filing
- Industrial Visit
- Engineer's Day
- Career Guidance program on Exploring Career Opportunities in Engineering Via Gate
- A Three Day Hands-On Workshop on Real Time Applications Of Internet Of Things
- Fresher's Day

Student Activities

- **Parental Control Application:**
- Student developing an application, which will be used to make a fake call to the device. The application is generally essential for emergency situations. This can be good in situations where the users are alone and in danger.

- **College Students Communications:**
- Student developing an application, which will enable college students to communicate with each other on a single platform.

- **Women Safety App:**
- Student developing an application, which is aimed the helping women and maintaining their safety as much as possible. The application is for their safety and can be activated with a triple press of the power button in case of an emergency.

Faculty Achievements

- Dr. P .VEERESH has participated in a One week online FDP on Deep Learning with KERAS Organized by department of CSE, St. Johns College of Engineering & Technology, held from 14-NOV-2022 to19-NOV-2022.
- Dr. Y.NARASIMHA REDDY has participated in a One week online FDP on Deep Learning with KERAS Organized by department of CSE, St. Johns College of Engineering & Technology, held from 14-NOV-2022 to19-NOV-2022.
- Dr. Y.NARASIMHA REDDY has participated in a 4 Days International Conclave organized by Blackbuck Engineers Pvt Ltd held from 01-JULY-2022 to 04-JULY-2022.
- S.S.RAJAKUMARI has participated in a One Week Faculty Development Programme on PHP & MySQL organized by department of CSE, JNTUH College of Engineering, held on 18-AUG-2022 to 23-AUG-2022.
- T.ABDUL RAHEEM has participated in a 5 Days Online FDP on Cloud Infrastructure and Virtualization organized by department of CSE, Institute of Aeronautical Engineering 25-MAY-2023 to 29-MAY-2023
- M.ERAMMA has participated in a 5 Days Online FDP on Cloud Infrastructure and Virtualization organized by department of CSE, Institute of Aeronautical Engineering 25-MAY-2023 to 29-MAY-2023