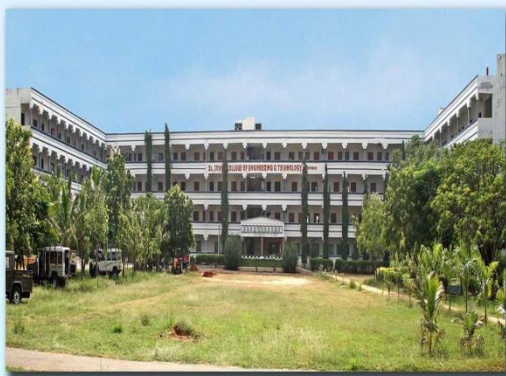## DEPARTMENT OF CSE   2021-22

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

TECHNICAL MAGAZINE

Education with Innovation

Vol- I   Issue- I

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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.

About 500 alumni of the Department are placed through placement and training centre of the College during last ten years. The alumni of CSE who have imbibed ethics, human values and professionalism have made their mark in reputed organizations in India and Abroad.

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

- C.RAMBABU has participated in a Five Days Online FDP on Research Ideas In Image Processing & Communications organized by department of CSE, Siddartha Institute of Science and Technology, held from 27.12.2021 to 01.01.2022
- P.BALAJI has participated in a One week online FDP on Emerging Techniques in Bio Medical Instrumentation, organized by MERG, held from 28-06-2021 TO 03-07-2021
- A. GURURAJA has participated in a One week online FDP on Emerging Techniques in Bio Medical Instrumentation, organized by MERG, held from 28-06-2021 TO 03-07-2021
- H.M. GANESH KUMAR has participated in a One week online FDP on Emerging Techniques in Bio Medical Instrumentation, organized by MERG, held from 28-06-2021 TO 03-07-2021.
- K.RAMANJINEYULU has participated in a One week online FDP on Emerging Techniques in Bio Medical Instrumentation, organized by MERG, held from 28-06-2021 TO 03-07-2021
- P. SUJATHA has participated in a Five Days Online FDP on Outcome-Based Education (OBE), organized by department of ECE, Samskruti College of Engineering & Technology 13-12-2021 TO 17-12-2021.