



SIDDHARTHA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, Delhi, Affiliated to JNTUH, Hyderabad
Vinobha nagar, Ibrahimpatnam, RR Dist - 501506



UGC AUTONOMOUS



NEWSLETTER

JUNE - 2024



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ABOUT THE DEPARTMENT

The Department of CSE was established in 2008 with an intake of 60 students in the UG programme. The intake was enhanced to 300 in 2024. The Department also offers a Post-Graduate programme, M.Tech (Computer Science and Engineering), with an intake of 18 students.

The Department has highly qualified and experienced faculty. It has good infrastructure and is equipped with full-fledged laboratories. The staff members are deputed to participate in workshops, conferences, and FDPs to keep pace with recent developments in the field of Computer Science and Engineering.

HOD MESSAGE

I congratulate all the students, who opted for Computer Science and Engineering branch.

Welcome to the Department of Computer Science and Engineering!

In today's digital-first world, Computer Science and Engineering stands as a cornerstone of innovation, transformation, and global connectivity. Our department is committed to nurturing the next generation of tech leaders, problem solvers, and creative thinkers who will shape the future through cutting-edge technologies.

Our students engage in hands-on learning through industry-aligned projects, hackathons, internships, and research initiatives. These experiences empower them to build scalable solutions, contribute to open-source communities, and stay ahead in a rapidly evolving tech landscape.

We take pride in our vibrant academic environment, supported by experienced faculty, modern labs, and strong industry collaborations. Our graduates are not only technically proficient but also ethically grounded and globally competitive.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

VISION OF THE DEPARTMENT:

To inculcate the students with problem solving skills to challenge next generation technologies

MISSION OF THE DEPARTMENT:

DM1 - Enable students to learn innovative methods for solving complex problems.

DM2 - Provide industry interaction to get acquainted with its futuristic needs.

DM3 - Create an environment to facilitate the students with necessary technologies.

PROGRAM EDUCATIONAL OBJECTIVES :

PEO 1: To develop mathematical, analytical and computational ability to solve software problems by applying innovative technical tools.

PEO 2: To make Students employable as software professionals and be able to embrace lifelong learning with professional ethics.

PEO 3: To make students deal with multidisciplinary project teams having effective communication and professional skills and leadership qualities

PROGRAMME SPECIFIC OUTCOMES:

PSO 1: Expertise on the contemporary skills towards development of innovative apps and firmware products

PSO 2: Capable to participate in the construction of software systems of varying complexity.

WORKSHOPS & GUEST LECTURES SEMINARS



A Three day Workshop on **Big Data Analytics** was conducted on 29/01/2024, organized by the Department of Computer Science and Engineering.



A Seminar on **Ethical Hacking** was conducted on 04/03/2024, organized by the Department of Computer Science and Engineering.

PAPER PUBLICATIONS IN THE CONFERENCE



International Conference on Multi-Disciplinary Research and Innovations – 2024

Student & Faculty Publication in the International Conference on Multidisciplinary Research and Innovation (ICMDRI - 2024):

Dr.P.Sunitha, B. Shivanand , E. Akanksha , K. Priyanka, “Deep Neural Network-Based Road Crack Detection Using Residual Structures and Attention Mechanism”

Dr. Ch Venkateshwara Rao, Mr.M N Vijay Kumar, C Akhil , C Bindu, “Prediction of Heart Disease Using Machine Learning Algorithms”

Koduri Vamshi , Koudi Sravan Kumar, Maisangari Akshaya, Kukkadapu Santhoshi, P. Jagadeeshwar, “Plant Disease Detection Using CNN”

Utkarsh Anand, Ravin Sada, Vicky Kumar, Md Kamran,Mr.M.Chandrashekhar Reddy., “Intelligent Agent Based Job Search System”

Korvi Ganesh,Karkonda Rakshitha ,Bathini Ushaswini,Jarupula Dinesh, Dr.S.Krishna Mohan Rao., “Secret Image Sharing Schemes”

Ms Sudeepthi, , Arroni Vani, Ghanathe Goutham, Eluri Uooha, B.Ganesh, “A Prototype for Disease Prediction and Drug Recommendation Using Multiple Machine Learning Algorithms”

Nagandla Meghana, Prabhuleti Anjana Deepak, Salandri Shravan Kumar Yadav, Dr.R.Kavitha , “Implementation Of Blockchain In Banking”

Ms V Soujanya , Mr Manohar Reddy , Ms Shruthi, “FOG Removal Method for Traffic Monitoring”

M. Chandra shekhar Reddy, Enagandula Aravind , Chava Nageswara Rao , Challapalli Babi, Duddu Laxmi Thirupathamma, “Wavelet Transformer for Automatic Speech Recognition of Indian Languages”

K Ashwin Kumar, M Anusha, Fareen Begum, Dendi Soumya, “Hybrid Information Mixing Module for Stock Movement Prediction”

Mr.Md.Basith , Vangapalli Jyothika , Varla Rajeshwari , Chinthala Vamshith Kumar, “Qr Based Food Ordering System”

FACULTY DEVELOPMENT PROGRAM

On 12th January 2024, **Dr. R.Kavitha** participated in a five-day Faculty Development Program on “Building Advanced Data Analytics Applications With Cloud under Next Gen Employability Program ”, held from 08th January 2024 to 12th January 2024.

On 13th May 2024, **Dr. K. Srinivas** participated in the Recognized Faculty Development Programme on “Network Science Using Python”, held from 13th May 2024 to 17th May 2024(One Week) .

On 13th April 2024, **Mr. Uday Kumar Gundagani** participated in the NEP 2020 orientation & Sensitization Programme - 9 under Malaviya Mission Teacher Training Programme (MM - TTP) of University Grants Commission (UGC) Organized by UGC Malaviya Mission Teacher Training Centre, Jawaharlal Nehru Technological University Hyderabad from 19th April 2024 to 27th April 2024. “Network Science Using Python”, held from 13th May 2024 to 17th May 2024(One Week) .

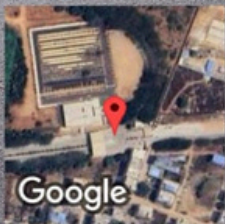
On 19th January 2024, **Mr. G.Uday Kumar** participated in A Two Day Faculty Development Programme on “VULNERABILITY ASSESSMENT & PENETRATION TESTING”, Organized by Centre of Excellence in Cyber Security, JNTUH on held from 19th January 2024 to 17th January 2024.



Infosys Visit 10-06-2024
10.06.2024 10:46
17.4498, 78.63668 ($\pm 13\text{m}$)
Altitude: 440m
CJXP+RW7, Pocharam, Secunderabad 500088



 GPS Map Camera



Secunderabad, Telangana, India
CJWR+22F, Pocharam, Secunderabad, Telangana 500088, India
Lat 17.445192°
Long 78.639831°
10/06/24 03:06 PM GMT +05:30

The students of the Department of CSE, Siddhartha Institute of Engineering and Technology, visited Infosys on 10/06/2024 as part of an industrial visit.

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