



SIDDHARTHA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Approved by AICTE(Delhi) & Affiliated to JNTUH, Hyderabad
Vinobha Nagar, Ibrahimpatnam, RR Dist - 501506



UGC AUTONOMOUS

NEWSLETTER



DEC - 2023



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 180 in 2023. 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.

FACULTY DEVELOPMENT PROGRAM

On 18-11-2023, **Dr.P.Sunitha** and **Mr.A.Srinivas** participated in a 3-Days Faculty Development Program on “Data Engineering” Conducted by Department of CSE(AI&ML and IoT)in Collaboration with Department of CSE (CYC, DS and AI&DS) and CSE VNR Vignana Jyothi Institute of Engineering and Technology, from 16-11-2023 to 18-11-2023.

On 29-09-2023, **Dr. T.Lakshi Devi, Mr.R.Vinod Kumar,Mrs.M.Madahavi and Mrs.M.Anusha**, participated in a One Week Faculty Development Program on “Machine Learning in Big Data Applications and Security Challenges” Conducted by Department of CSE MLR Institute of Technology from 24-09-2023 to 29-09-2023.

On 29-09-2023, **Dr. Venkateshwara Rao**, participated in a 5-days Faculty Development Program on “Angular JS & Node JS(as per VTU CBSE Scheme 2021) Organized by Department of CSE ,HKBKCE in associated with ISTE (Indian Society for Technical Education)from 25-09-2023 to 29-09-2023.

FACULTY PAPER PUBLICATIONS

Dr. P.Sunitha, published a paper titled "An Evaluation Of A Dependable T2 System Based On Block Chains" in the Journal of Shodhasamhita: Comparative Research & Fundamental in 2023-24 ,VOL NO/ISSN(2277-7067).

Dr. Ch. Venkateswara Rao, published a paper titled "Detection Of Brain Tumor Using Neural Networks" in the Journal of Shodhasamhita: Comparative Research & Fundamental in 2023-24 ,VOL NO/ISSN(2277-7067).

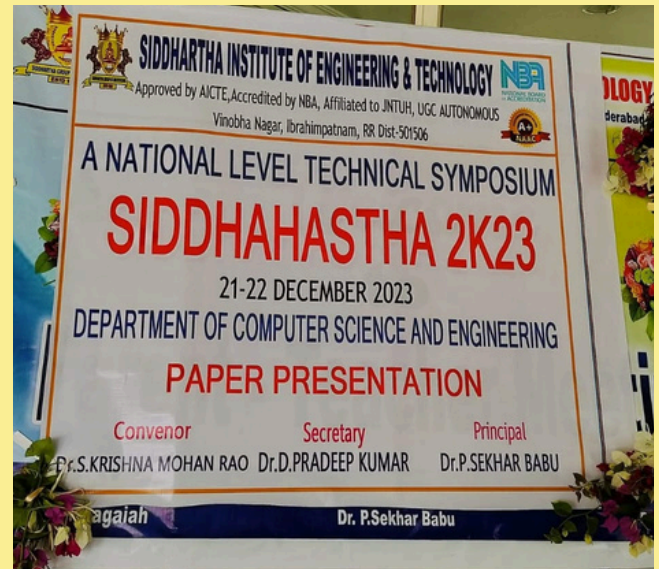
Dr. Polishetti Raghu, published a paper titled "An Enhanced Model For Detecting Brain Tumors Using Parallel K-Means Segmentation and Svm" in the Journal of Shodhasamhita: Comparative Research & Fundamental in 2023-24 ,VOL NO/ISSN(2277-7067).

Dr. Thade Lakshmidevi, published a paper titled "Cloud Computing in Enhancing Profits to Satisfy Customers Configuring A Smart Optimal Multiserver” in the Journal of Non Linear Analysis and Optimization ,VOL NO/ISSN(2277-7067).

Mr.G. Uday Kumar, published a paper titled "A New Learning Approach To Malware Classification Using Discriminative Feature Extraction” in the International Journal of Analytical and Experimental model analysis in 2023-24 ,VOL NO/ISSN(0886-9367).

EVENTS





In our college, we conducted Siddhahastha 2K23, a National Level Technical Symposium, at Siddhartha Institute of Engineering and Technology on 21/12/2023. The students of the Department of Computer Science and Engineering participated.

G20 2023 INDIA

Ministry of Education
Government of India

AICTE
The only choice

MoE's INNOVATION CELL
(GOVERNMENT OF INDIA)

SMART INDIA HACKATHON 2023

आज़ादी का अमृत महोत्सव

SIDDHARTHA INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
INSTITUTION'S INNOVATION COUNCIL
PRESENTS
INTERNAL HACKATHON-2023
26TH SEP 2023

SMART INDIA HACKATHON 2023

THEMES

- SMART AUTOMATION
- FITNESS & SPORTS
- HERITAGE & CULTURE
- MEDTECH/BITECH/HEALTHTECH
- AGRICULTURE, FOODTECH & RURAL DEVELOPMENT
- SMART VEHICLES
- TRANSPORTATION & LOGISTICS
- ROBOTICS AND DRONES
- CLEAN & GREEN TECHNOLOGY
- TOURISM
- RENEWABLE/ SUSTAINABLE ENERGY
- BLOCKCHAIN & CYBERSECURITY
- SMART EDUCATION
- DISASTER MANAGEMENT
- TOYS
- MISCELLANEOUS

Last Date For Registration : 21st Sep 2023
<https://forms.gle/gSch2o8LKPaC3MEV7>

FREE REGISTRATION

PRELIMINARY SELECTION FOR SMART INDIA HACKATHON 2023 (SIH2023)
(Total problem statements : 58 hardware and 181 software)

6 Students per team & atleast 1 female student
Top 30 teams +5 wait list teams will be recommended for SIH 2023

SIH 2023 SPOC
Dr. T. Lakshmi Devi, CSD,
IIC Convenor, SIET

PATRON
Dr. P. Sekhar Babu,
Principal, SIET

CHIEF PATRON
Dr. D. Pradeep Kumar,
Secretary, SIET

1st Prize – 1 Lac
2nd Prize – 75k
3rd Prize -50k in SIH2023

www.facebook.com/SiddharthaInstituteOfEngineeringAndTechnology/
www.youtube.com/channel/UCxlpM745v-bStoU3ZNyrg
www.siddhartha.ac.in



The Institution's Innovation Council at Siddhartha Institute of Engineering and Technology proudly presented the Internal Hackathon-2023.

STUDENT & FACULTY PAPER PUBLICATIONS

Puram Sathvika Reddy and Mr. Pendem Bhanu Prasad published a paper titled 'An Enhanced Model for Detecting Brain Tumors Using Parallel K-Means Segmentation and SVM' in Shodhasamhita: Journal of Fundamental & Comparative Research, Vol. X, No. III, 2023 (ISSN: 2277-7067).

Borelly Bhanu Prakash and Ms. Sandhya Rani Pandugula published a paper titled 'Analysis on Detecting and Predicting Various Crime Probabilities in a Given Region Using the Decision Tree Algorithm' in Shodhasamhita: Journal of Fundamental & Comparative Research, Vol. X, No. III, 2023 (ISSN: 2277-7067).

Gnaneshwar Podila and Dr. Ch. Venkateswara Rao published a paper titled 'Detection of Brain Tumor Using Neural Networks' in Shodhasamhita: Journal of Fundamental & Comparative Research, Vol. X, No. III, 2023 (ISSN: 2277-7067).

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