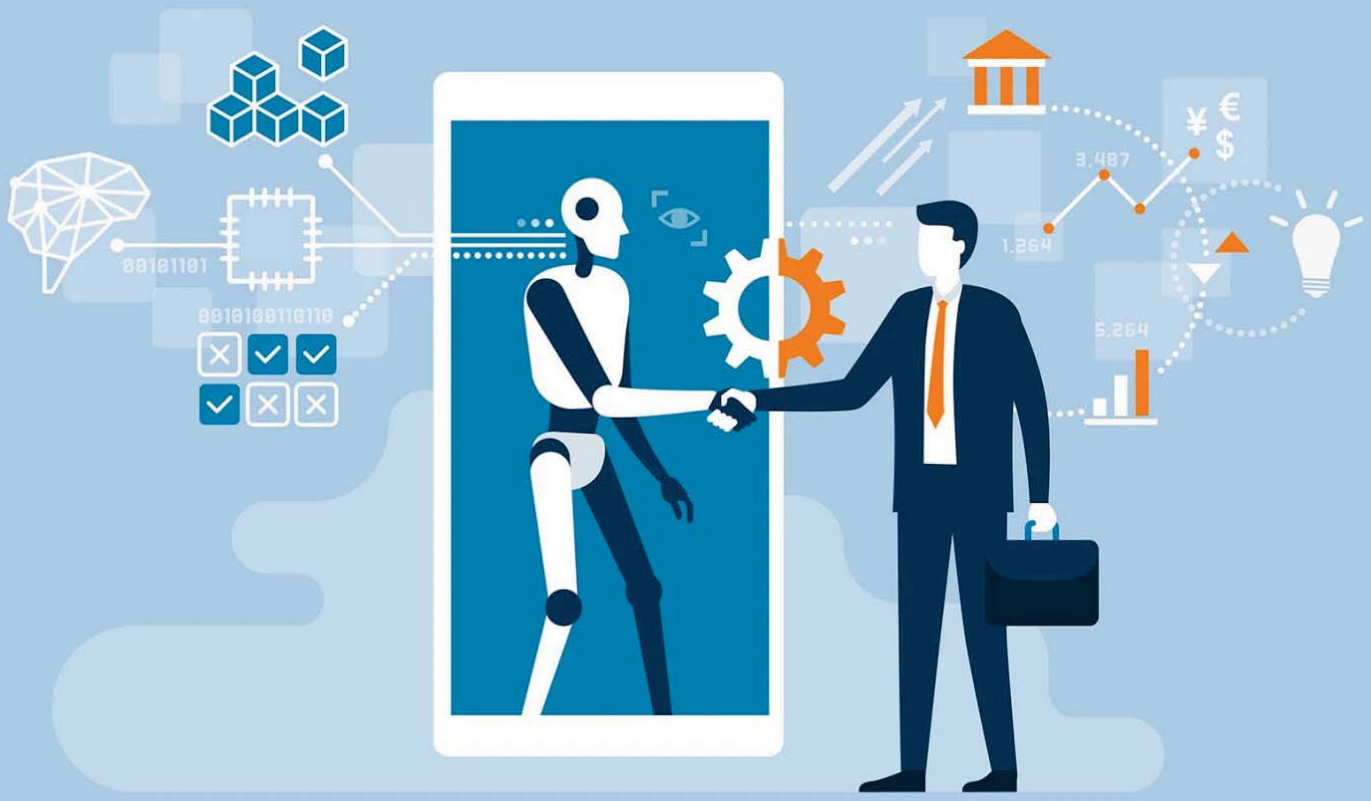
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

NEWSLETTER

Volume: 14 Issue: 2

2024-2025 (January 2024 – June 2024)



SIDDHARTHA ACADEMY OF HIGHER EDUCATION

An Institution DEEMED TO BE UNIVERSITY

(Under Section 3 of UGC Act, 1956)

(Sponsored by Siddhartha Academy of General & Technical Education), Vijayawada, A.P.

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Prof. & HOD: CSE Dept.

About CSE Department

The Department of Computer Science and Engineering was established in the year 1985 with its cohesive team of faculty members, offers a sound program at the UG as well as the PG levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. Also Department has a thriving research environment with active research groups in the areas of Bioinformatics, Data and Web Mining, Information and System Security, Computer Networks, Digital Image Processing and Video Analytics.

Sponsored Research and Development Projects

1. Dr. Ch. Rupa received funding for the project " Blockchain based Medical Digital Assets Protection Against Frauds AURA20250305111418 " from AICTEAURA, a governmental agency. The project spans two years and received Rs 2,00,000/-on 4th March 2025.
2. Dr. G. Anuradha received funding for the project " AI Enabled framework for Monitoring Salinity Effected soils in Coastal Andhra Pradesh using Remote sensing data and Deep learning Algorithms ANRF/IRG/2024/000996/ENS" from ANRF IRG, a governmental agency. The project spans three years and received Rs 20,10,948/-on 5th March 2025.
3. Dr. P. Ramesh Kumar received funding for the project " Smart helmet for coal mine workers for detecting harmful gases using A IoT" from RVR & JCCE STP Foundation DST under iTBI scheme, a governmental agency. The project spans one years and received Rs 3,00,000/- on 10th March 2025.
4. Mrs. Ch. Raga Madhuri received funding for the project " Smart Irrigation Optimization with IoT and Weather Forecasts for Sustainable Crop Management" from ANGRAU, Tirupathi, a governmental agency. The project spans two years and received Rs 5,00,000/- on 18th March 2025.

MoUs Signed

1. A Memorandum of Understanding (MoU) was signed with the CAMPX Edu Tech Private Limited, Hyderabad on 5th January 2025.
2. A Memorandum of Understanding (MoU) was signed with the Dot Sphere ,Bihar on 30th May 2025.

Patent Filed

1. Mrs. V. Lavanya filed a utility patent on 12th March 2025 titled “Navigating The AI Landscape: Healthcare and Insurance Trends”(reference number 202511022529).
2. Dr. D. Rajeswara Rao filed a utility patent on 4th May 2025 titled “A Neck Band Embedded with Secure Communication for Posture Monitoring and correction”(reference number 202541043150).

Faculty Achievements:

- Dr. Ch. Rupa received a Letter of Appreciation from the MoE's Innovation Cell, Government of India, in January 2025.

- Dr. P. Ramesh Kumar served as a Resource Person for the Inter-State Youth Programme at VRSEC, Vijayawada, from 5th to 9th March 2025.

- Dr. D. Rajeswara Rao, Professor & Head of CSE, received the Best Paper Award at ICCETSP 2025, SRM Chennai, on 16th April 2025.



- Dr. K. Suvarna Vani served as a Session Chair at the International Conference held at Jain College of Engineering, Belagavi, India, from 22nd to 24th May 2025.

Department Workshops/Guest Lectures/FDP Organized

- **Workshop : AI Driven Autonomous Vehicles: A hands-on workshop**

Department of Computer Science and Engineering has organized a One-day industry workshop on "AI Driven Autonomous Vehicles: A Hands-on workshop " was conducted on 27th January 2025 by Mr. Sai Satish, CEO of Indian Servers and President of AIMER.

- **Faculty Development Program: Microsoft Azure AI Engineer Associate**

Department of Computer Science and Engineering has organized a Five Day FDP in Association with ICT Academy , "Microsoft Azure AI Engineer Associate" from

17th to 21st 2025 and the Lecture delivered by the resource person Sumathi Jeevanandham , IT-Trainer-Training and Development, ICT Academy.



- **Workshop : Vision Meets Intelligence: Harnessing Deep Learning for Computer Vision Applications**

Department of Computer Science and Engineering a Two-day industry workshop on "Vision Meets Intelligence: Harnessing Deep Learning for Computer Vision Applications" was conducted from 19th to 20th March 2025 by the NVIDIA Deep Learning Institute (DLI).



- **Workshop : Real Time cyber Security Applications**

Department of Computer Science and Engineering A three-day workshop on "Real-Time Cyber Security Applications" was conducted from 25th to 27th March 2025 by Mr. Sai Satish, Founder & CEO of Indian Servers, in association with research bodies

- **Guest Talk: Future Abroad: PG Pathways**

Department of Computer Science and Engineering organized one-day academic session on "Future Abroad: PG Pathways" was conducted on 27th March 2025 by Emilee Suchomski, Director of Recruitment, University of Cincinnati, Ohio, USA.



- **Workshop : Data Security and Cyber Security Practices**

Department of Computer Science and Engineering has conducted A two-day industry workshop on "Data Security and Cyber Security Practices" was conducted on 3rd–4th April 2025 by Mr. Srujan (Chief Technical Officer), Mr. Krishna (Security Analyst), Mr. Kumar (Security Analyst), Ms. Mithuna (Mentor), and Ms. Akshaya (Mentor).

- **Workshop : Generative AI and Google's Cutting-Edge Gemini 2.0 Flash**

A one-day industry workshop on "Generative AI and Google's Cutting-Edge Gemini 2.0 Flash" was conducted on 26th April 2025 by Akash Sinha (Learning and Development Head), Paruchuri Naga Sai Ruthwik, Parasa Hari Sai, Shaik Khadder, and Yemineni Mahesh (Trainer-cum-Developer), from L4G Solutions Pvt. Ltd.

- **TOP CODERS Problem Solving Challenge**

The Department of Computer Science & Engineering successfully hosted the TOP CODERS Problem Solving Challenge on April 16th, 2025, in collaboration with EBOX.





- SAWit.ai Hackathon 2025 – From a pool of over 10,000 participants nationwide, two teams from CSE secured top positions at the world's largest women-only GenAI learning challenge: Both teams won a 20,000 cash prize in Generative AI problem-solving.

- Team Solution Seekers (Sai Ishwarya Tinnavalli, Neeraja Tikkisetti, Harshitha Kancheti) – 7th Place

- Team Smart Coders (Akshara Mallavarapu, Ramya Sri Duddu, Srikavya Tarigopula) – 8th Place.2nd-year students at the SAWit.ai Hackathon, the world's largest women-only GenAI learning challenge, powered by Google, AICTE, HCL, and supported by the state governments of Telangana and Uttar Pradesh.





- Mudumbi Rangacharyulu of 2/4 B.Tech CSE (AI&DS) represented India at the Global Junicorn & AI Summit 2025, held on May 29–30 at Texas State University, San Marcos, USA.The event was organized by the International Startup Foundation (ISF), and he was one of the 25 students selected from India to present his innovation, NeuroRide — a smart EEG helmet for real-time drowsiness detection in two-wheeler riders.



Mudumbi Rangacharyulu of 2/4 B.Tech AI & DS represented India at the Global Junicorn & AI Summit 2025, held on May 29th – 30th at Texas State University, San Marcos, USA. The event was organized by the International Startup Foundation (ISF), and he was one of the 25 students selected from India to present his innovation, NeuroRide - a smart EEG helmet for real-time drowsiness detection in Two-Wheeler Riders.

- Hansika Surpaneni (IV/IV B.Tech) was declared Winner in Code for Good organised by JP Morgan Chase in June 2025.

- Harshitha Kancheti (Roll No. 238W1A05F0) of ¾ B.Tech CSE was declared Winner in Code for Good organised by JP Morgan Chase.

- Kushal Vamsi of 2/4 B.Tech CSE presenting AI-Powered Sentient Dog Project to Prof. Mamidala Jagadesh Kumar Chairman, UGC explaining its features, functionality, and real-world applications."



- Bodavula Sanjeev Sahitya Madala P Meghana Meka Srihitha Vellanki Sanjana & Yarava Rajasekar of ¾ B.Tech CSE won 2nd PLACE National Level Winner@ Techxcelerate Hackathon 2024 Birla Institute of Technology and Science, Pilani on 22-23 March 2025.





- UiPath Student Developer Champion – Garikipati Vaishnavi, III/IV B.Tech (CSE), has been recognized as a UiPath Student Developer Champion for her exceptional skills in automation and innovation.

- S. Hanish Venkat (IV/IV B.Tech, CSE) – Winner of 20,000 cash prize for Startup challenge from Bhartiya Yuva Shakti Trust & HDFC Bank (9 January 2025).
- Chakri Thota- and Arja Manu Babu of 2/ 4 B.Tech won 1st Prize in Creative Reel Making Event - NeuralTornado2k25 10 April 2025
- Chakri Thota- and Arja Manu Babu of 2/ 4 B.Tech won 1st Prize in Spot Photography Event - NeuralTornado2k25 10 April 2025
- K. Sri Harsha of ¾ B.Tech CSE bagged 1st Position in Bug Free Battle at Dhanush-2K25 (6–7 March 2025).



- V. Jahnavi (Roll No. 238W1A05P8) won 2nd Place in Rethink Innovation at Dhanush-2K25 held on 6–7 March 2025, organised by Dhanekula Institute of Engineering and Technology.

- Vajja Aravindh secured 2nd Position in Bug Free Battle at Dhanush-2K5, held on 6–7 March 2025.



- Mani Kanta (Roll No. 248W5A0519) secured 2nd Prize in Triple Jump and 2nd Prize in Shot Put at VITOPIA-2025, held from 11–25 February 2025 at VIT-AP University.

- Machcha Jaswanthi, Chadrika Chagamreddy, Sandireddy Vyshnavi Prasad Chowdary, Chinnam Sri Sai Prasanna – UG Fellowships with 1 Lakh stipend at IIT Banaras Hindu University (Jan–Oct 2025).

- Thota Chakri & Arja Manu Babu – Winners in Spot Photography at Neural Tornado 2K5 (10 April 2025, PVP Siddhartha College of Arts & Science) and 2nd Prize in Fusion Coding Spot Photography at the same event.

- The Department of Computer Science and Engineering at Siddhartha Academy of Higher Education is proud to announce that 11 talented students have secured internships with Amazon for the role of Software Development Engineer (SDE), with a remarkable stipend of ₹1,40,000 per month.This outstanding achievement is a testament to the students' dedication, consistent hard work, and the strong academic support system provided by the faculty and the institution.
- Vanapalli Satya Sumanth (CSE, VR Siddhartha Engineering College) successfully completed the Chanakya UG Fellowship at IITTNiF, IIT Tirupati (Dec 2024 – Jun 2025) on "Genomic-Driven Precision Crop Monitoring & Adaptive Management" under the mentorship of Dr. G. Naga Sai Madhavi.



- Their success serves as a source of inspiration for aspiring engineers and young minds who aim to make their mark in the global tech industry.
- CSE students Lubna Shaik (218W1A05H9) and Jaswanthi Machcha (218W1A05G1) have secured roles as SDE-1 at Amazon with an impressive package of ₹48 LPA, marking a proud moment for VRSEC.





One Day International Women Leadership Conclave

- CSE students Lubna Shaik (218W1A05H9) and Jaswantha IEEE WIE International Women Leadership Conclave – A Grand Success!
- The Department of Computer Science & Engineering, SAHE proudly hosted the IEEE WIE International Women Leadership Conclave (IWLC), a remarkable event celebrating leadership, innovation, and empowerment in STEM.
- We extend our sincere gratitude to Dr. Sajana Gogineni for gracing the event as the Chief Guest and to our distinguished speakers Dr. M. Madhuri and Dr. Sree Ramya Kantipudi for their invaluable insights.
- i Machcha (218W1A05G1) have secured roles as SDE-1 at Amazon with an impressive package of ₹48 LPA, marking a proud moment for VRSEC.









Student Clubs

- The Department of Computer Science and Engineering proudly inaugurated the CREATIX Club, a new initiative to encourage creativity, innovation, and technical excellence among students.
- The club aims to provide a vibrant platform for students to explore and showcase their creativity through photography, while also leveraging social media to share their work, engage with audiences, and develop digital storytelling skills.
- The CREATIX Club aspires to nurture talent and inspire students to think beyond academics, blending creativity with technology.
- Students are encouraged to participate actively and make the most of this opportunity. For updates on upcoming events and activities, please visit the official page.





Microsoft learn student chapter

The Department of CSE organized “Trilang Quest” on 21st February 2025 at the CSE Labs, SAHE. The unique event tested students’ teamwork, problem-solving, and coding skills across multiple programming languages. With enthusiastic participation, it served as a platform to showcase technical talent and collaboration.





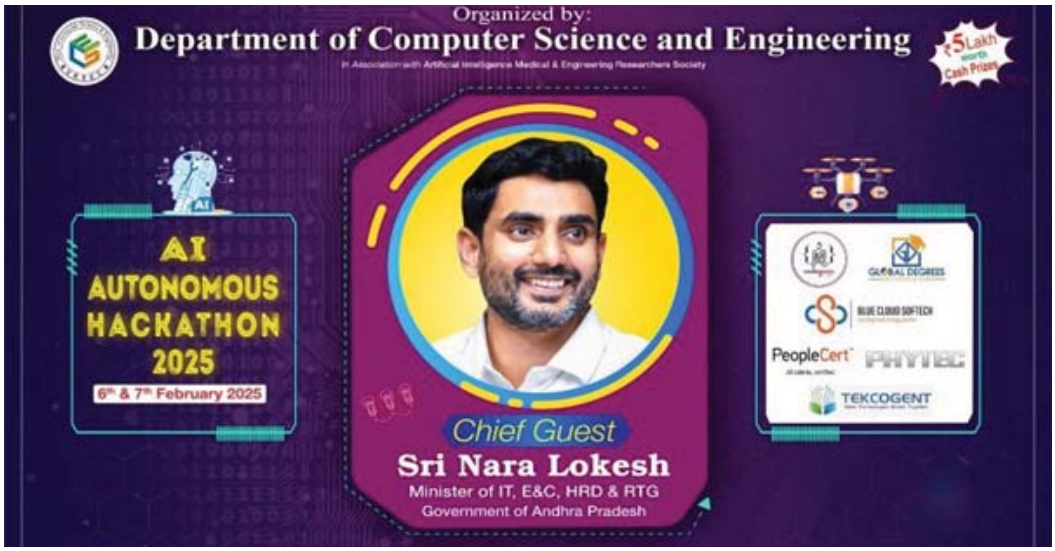
Hackathon

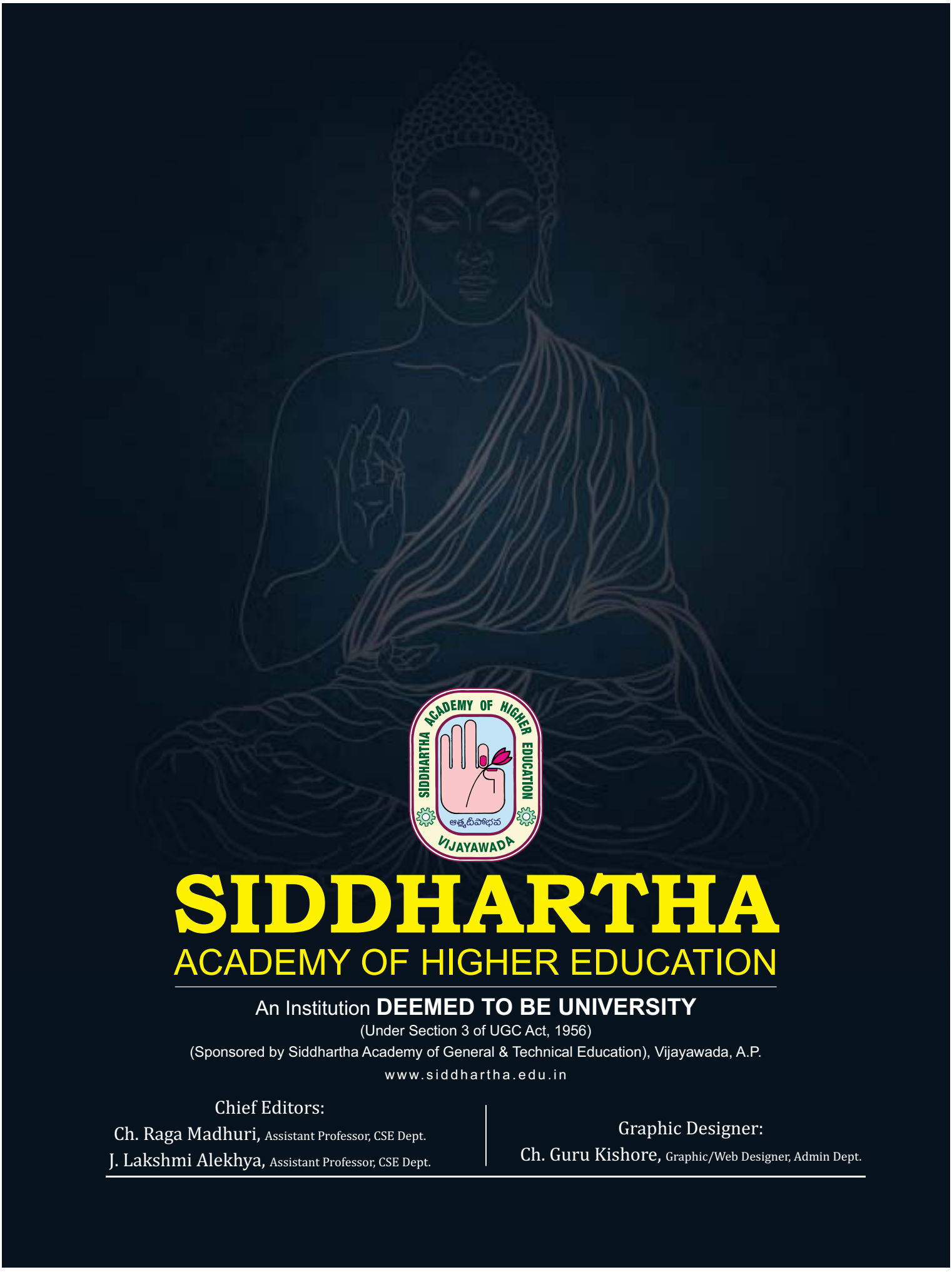
The Department of Computer Science and Engineering, Velagapudi Ramakrishna Siddhartha School of Engineering, Siddhartha Academy of Higher Education (Deemed to be University), Vijayawada, Andhra Pradesh, is organizing a National Level AI Autonomous Hackathon on 6th–7th February 2025.

This hackathon aims to bring together innovative minds from across the country to showcase their skills in Artificial Intelligence and autonomous systems. It provides a platform for students to collaborate, compete, and create impactful solutions to real-world challenges.

Students, researchers, and enthusiasts are invited to participate and contribute their innovative ideas in this prestigious national event.







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