

NEWSLETTER

**Vision**

To become a leader in providing academic excellence with career development skills and research abilities in the area of Computer Science & Engineering.

Mission

- To achieve academic excellence through innovative learning practices
- To prepare students to adapt to the challenges of an ever-changing market needs.
- To build necessary skills required for employability through career development training
- To create interest among students to pursue higher studies
- To enrich students with good character and high integrity to serve the society.
- To promote research and development in the frontier areas of Computer Science & Engineering.
- To inculcate the spirit of moral values and discipline among students

Program Educational Objectives (PEOs)

- **PEO 1:** Graduates will have the expertise in analyzing real time problems and providing appropriate solutions related to Computer Science & Engineering.
- **PEO 2:** Graduates will have the knowledge of fundamental principles and innovative technologies to succeed in higher studies and research.
- **PEO 3:** Graduates will continue to learn and to adapt technology developments combined with deep awareness of ethical responsibilities in profession.

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III - CSE

Skill-Oriented Training Programme on Machine Learning

- ❖ The Department of Computer Science and Engineering organized a 100-hour Skill-Oriented Training programme on Machine Learning, conducted by Mr. Nirmal Gaud, Founder & CEO of Think AI. The programme started on 15/07/2024 and ended on 30/08/2024. A total of 123 students from the CSE, IT, AIDS, and AIML departments attended the programme. The students have gained a well-rounded understanding of machine learning, focusing on advanced concepts like deep learning (DL) and large language models (LLMs) through practical, project-based learning, with active engagement from both the trainer and their peers.



Hands on Workshop on Penetration Testing

- ❖ The Department of Computer Science and Engineering organized a one-day hands-on workshop on Penetration Testing on 13th July 2024. The resource person for the event was Mr. K. Uday Sekhar, a Cyber Security Analyst at TCS, Chennai. The main objective of this workshop is students gained a comprehensive understanding of penetration testing techniques, along with practical exposure to vulnerability analysis, NIST tools, and OWASP tools. Active involvement from the trainer and collaboration with peers further enhanced their learning experience.



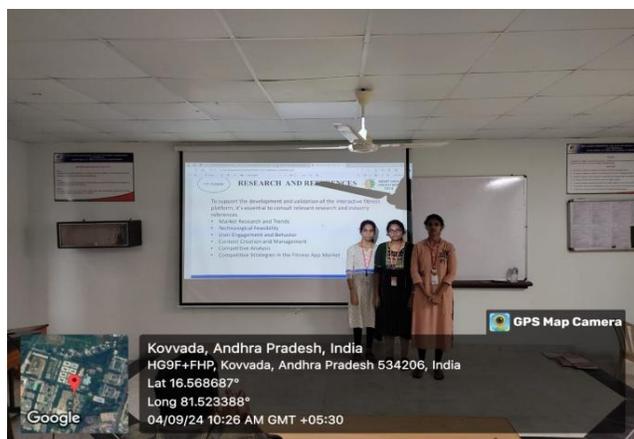
Appathon - 24

- ❖ CSE Department of Shri Vishnu Engineering College for Women, Bhimavaram, organized Appathon-24 on September 28-29, 2024, 24-hour App Development event aimed at fostering innovation and enhancing coding skills.



Creating Idea Pitching Contest

- ❖ The CSE Department organized a Creative Idea Pitching Contest on 4/09/2024 from 9:00 AM to 4:00 PM, aiming to foster innovation and entrepreneurial skills among students.



FACULTY ACHIEVEMENTS

- ❖ Dr. G.V.S.S.P. Raju, Assistant Professor in the Department of Computer Science & Engineering, has obtained his Ph.D. with a focus on ‘Skin Lesion Detection and Classification of Melanoma Cancer’. Title of Research Work: Optimal and Hybrid Deep Learning Models for Melanoma Detection in Dermoscopic Images. Supervisor Name : Dr. N. Kumaran, Assistant Professor, Department of Computer Science and Engineering, Annamalai University. University: Faculty of Engineering and Technology, Annamalai University, Chidambaram. Year of awarding Ph.D.: June 2024.

- ❖ Dr. M.V.V. Rama Rao , Assistant Professor in the Department of Computer Science & Engineering, earned his Ph.D. in Computer Science and Engineering from Vels Institute of Science and Technology Advanced studies (VISTAS), Chennai, India, in July 2024, under the esteemed mentorship of Prof. Dr N Kumar. He holds an M.Tech. in Computer Science and Engineering from Jawaharlal Nehru Technological University, Kakinada. Currently, he is working as an Assistant Professor in the Department of Computer Science & Engineering at SVECW. He has 12 years of teaching experience and 10 years of research experience. He has 5 research publications indexed in Scopus and is actively involved in IIC activities and Research and Development cell activities

- ❖ Ramachandra Rao. Kurada et.al. "Face and Hand Gesture Recognition for Sign Languages to Support Non-Verbal Expressions using Convolutional Neural Network," 2024 10th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2024, pp. 1140-1146, doi: 10.1109/ICACCS60874.2024.10717085. (Scopus).
- ❖ R. R. Kurada, S. Pattem, V. V. R. M. Rao, N. Silpa, Y. Ramu and P. Srikanth, "Federated Learning on Blockchain Networks," 2024 5th International Conference for Emerging Technology(INCET),Belgaum,India,2024,pp.1-6,doi: 10.1109/INCET61516.2024.10593594. <https://ieeexplore.ieee.org/abstract/document/10593594>
- ❖ R. R. Kurada, Y. Ramu, N. Silpa, V. V. R. Maheswara Rao, S. Pattem and L. Pallavi, "Ensemble Learning Applications and Visualizations Taxonomy of Blockchain Data," 2024 Second International Conference on Data Science and Information System (ICDSIS), Hassan, India,2024,pp.1-8,doi:10.1109/ICDSIS61070.2024.10594350. <https://ieeexplore.ieee.org/abstract/document/10594350>
- ❖ Dr. A.Seenu, Professor, CSE Department published a paper titled “Enhancing Cloud Computing Performance with AI/ML and Generative AI: Innovative Approaches and Applications” in the Journal Nano Technology Perceptions during 4th November’2024.
- ❖ Dr. A.Seenu, Professor, CSE Department authored a book titled “Generative AI Innovations: Advanced Techniques and Applications in Modern AI”, Published on 13th November 2024. Budha Publication.ISBN-13:978-9361758393,ISBN-10:936175839X.
- ❖ Dr. A.Seenu et.al. Professor, CSE Department published a paper titled “Omni-channel Retail: Leveraging Machine Learning for Personalized Customer Experiences and Transaction Optimization” UtilitasMathematica” ISSN 0315-3681 Volume 121, 2024.
- ❖ Dr. P.R.Sudha Rani, Professor, CSE Department published a paper titled “Integrating Generative AI in Cloud Computing Architectures: Transformative Impacts on Efficiency and Innovation” in the Journal Nano Technology Perceptions during 4th November’2024.

- ❖ Dr. P.R.Sudha Rani, Professor, CSE Department authored a book titled “Generative AI Innovations: Advanced Techniques and Applications in Modern AI”, Published on 13th November 2024. Budha Publication.ISBN-13:978-9361758393, ISBN-10:936175839X.
- ❖ Dr.S. Uma Maheswara Rao, published a paper titled “Plant Disease classification using Novel Integration of Deep Learning CNN and Graph Convolution Networks” , Indonesian Journal of Electrical Engineering and Computer Science (IJEECS), ISSN:3502-4752, Vol. 36, No. 3, December 2024, pp. 1721-1730, DOI: 10.11591.
- ❖ Dr. Kiran Sree, HOD-CSE has acted as Session Chair for 5th Congress on Intelligent Systems (CIS 2024), CHRIST (Deemed to be University), Bengaluru.
- ❖ V. V. R. Maheswara Rao, et al., "An Object Detection Framework and Deep Learning Models Used to Detect the Potholes on the Streets," 2024 International Conference on Advances in Modern Age Technologies for Health and Engineering Science (AMATHE), Shivamogga, India, 2024, pp. 1-7, doi: 0.1109 /AMATHE61652 .2024. 10582091.
- ❖ V. V. R. Maheswara Rao, et al., Empowering Inclusive Communication: Advancements in Wearable Technology with GloSign—A Glove-Based Solution for Seamless Sign Language Interaction, Algorithms in Advanced Artificial Intelligence Pages 492-501, DOI: 10.1201/9781003529231-74.
- ❖ V. V. R. Maheswara Rao, et al., Mitigating Misinformation: An Advanced Analytics Framework for Proactive Detection of Fake News to Minimize Misrepresentation Risks, Pages 289-298, Algorithms in Advanced Artificial Intelligence Pages 492-501, DOI: 10.1201/9781003529231-74.
- ❖ V. V. R. Maheswara Rao, et al., Protien CNN-BLSTM: An efficient deep neural network with amino acid embedding-based model of protein sequence classification and biological analysis, doi.org/10.1111/coin.12696.

- ❖ V. V. R. Maheswara Rao, et al., Workload prioritization and optimal task scheduling in cloud: introduction to hybrid optimization algorithm. Wireless Netw (2024).
- ❖ Ramachandra Rao Kurada, Sunil. Pattem, V. V. R. Maheswara Rao, et al., "Federated Learning on Blockchain Networks," 2024 5th International Conference for Emerging Technology (INCET), Belgaum, India, 2024, pp. 1-6, doi: 10.1109/INCET61516.2024.10593594. Scopus Indexed.
- ❖ Ramachandra Rao Kurada , Contribution as REVIEWER for 2nd IEEE International Conference NMITCON, Bangalore 9-10 Aug 2024.
- ❖ Reviewer for 2nd IEEE International conference on Data Science & Network Security (ICDSNS-2024) organized by Kalpaluru Institute of Technology, Tiptur, 26-27 July 2024.
- ❖ Dr PBV Raja Rao et al.,A novel ensemble approach for Twitter sentiment classification with ML and LSTM algorithms for real-time tweets analysis, Indonesian Journal of Electrical Engineering and Computer Science, 2024, 34(3), pp. 1904–1914.

FACULTY as NPTEL STARS



STUDENT ACHIEVEMENTS

- ❖ N.A.V.Grace (23B05A0512) from III CSE-B has shown an Exceptional performance and secured 2nd prize in paper presentation in event VEDA 2K24, A national level Technical symposium held on 13th&14th September 2024 on the Occasion of Engineer's Day at Aditya University.
- ❖ Saatham Varshitha (22B01A05G2) & Tatavarthi Pranathi (22B01A05H4) of III CSE has successfully cleared the Assessment in coding contest-HACK 'N' CLASH held between 6th to 13th September organized by SRKREC CSI student branch.
- ❖ Abhi Priya Darshini Kurasa(23b01a05a2), B Anjani (23B01a4607) & Velidi Rukmini(23B01a4663) got Best Use of Arts and Technology Award in NASA Space App Challenge 2024 held at VIT -AP on 5th and 6th October .
- ❖ S.krishna sri(23b01a4656) & Sivarama Sreekari Tatavarthi(23b01a4658) Nominated as the global nominee for 2024 in NASA Space App Challenge 2024(The NASA International Space Apps Challenge And School of computer science engineering During Space App Challenge 2024 held at VIT -Amaravathi AP on 5th and 6th October.
- ❖ Sayyed Anees Kishwar (23b01a05G7) of II CSE-C secured Third place in Toastmasters International Humorous speech contest 2024-2025 organized at LKIET Kakinada on 27/10/24 Sayyed Anees Kishwar (23b01a05G7)
- ❖ KARRI SRI KAVYA(23B01A0582) is among the Top 75 students for the NXP WOMEN IN TECH (WIT) PROGRAM – BATCH III organized by NXP-WIT Training and Mentorship Program in VLSI & semiconductor design industry on 6th November 2024.

- ❖ Mogalla Hema Sri Naga Durga(22B01A05B8),Manchem Shunmadhuri Suryaaja (22b01a05b0) and N.Yamini Got BEST PAPER AWARD in 2nd International conference on Algorithms in Advanced Artificial Intelligence ICAAAI -2024 organised by SRKR Engineering college ,Bhimavaram on 4-6th Dec 2024 with the guidance of Dr.V.V.R.Maheswara Rao, Dr. N.silpa and Dr.K.Ramachandra Rao
- ❖ Konagalla Tejaswi(21B01A0583) & santhi priya nunna(21B01A05C4) of IV CSE has received the prestigious **Aegies Graham Bell Award** National Talent Hunt Scholarship 2025(AGBA 2025) from the Ministers of central Government of india at New Delhi on 20 Feb 2025.



WOMEN RIGHTS DAY



Article by

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REG NO : 23B01A0530

BRANCH : CSE

SECTION : A

YEAR : 2nd



Violence

Violence against women is a big problem. Many women face abuse at home, harassment at work, or even trafficking. Groups around the world are fighting to protect women and make sure they get justice.

Personal Freedom

In some countries, women still don't have basic rights like voting, driving, or choosing their own path in life. Traditional beliefs and unfair laws hold them back. But many women are speaking up and fighting for change.

Achievements

Despite these issues, women are achieving great things. They are leading countries, making discoveries in science, and excelling in sports, arts, and business. Movements like have helped raise awareness about problems like harassment and inequality.

Conclusion

Women's rights have come a long way, but there is more to do. Everyone governments, organizations, and individuals must work together to create a world where all women are treated equally and fairly.



The Department of Computer Science & Engineering was established in the academic year **2001-02** with an annual intake of **60**. The intake was increased to **120** from the academic year **2006-07**. The department intake was increased to **180** from the academic year **2012-2013**. The Department is offering **two M.Tech** courses **Computer Science & Engineering and Software Engineering**. The UG-CSE Programme is accredited by **NBA** (National Board of Accreditation, AICTE, Delhi) in **Tier-I** and **PG-CSE** Programme is accredited by **NBA** (National Board of Accreditation, AICTE, Delhi) in **Tier-II**.

The Department focuses on preparing the students for wide range of IT careers equipping them with unique enriching experience of molding tomorrow's technocrats with high caliber and commitment.

B. Tech. in Computer Science includes study of various aspects of computer to meet the requirements of the various industries. The course contains study of the basic computer sciences and its application, as well as the detailed study of the various aspects of its working. The course of B.Tech in Computer Science trains an individual in the fields related to computer and its industry.



Computer science ... jobs should be way more interesting than even going to Wall Street or being a lawyer--or, I can argue, than anything but perhaps biology, and there it's just a tie.

— *Bill Gates* —

AZ QUOTES