



S R K R ENGINEERING COLLEGE (AUTONOMOUS)

COMPUTER SCIENCE & ENGINEERING



The Department of Computer Science and Engineering was founded in the year 1991 by people who had a vision. This vision was how Computer Science and Engineering would fit into the unique spirit of S R K R Engineering college, an institution oriented to an unusual degree around under graduate education and close interdepartmental collaboration. One of the strengths of the department is well qualified and well experienced faculty. Presently having 3 Professors and 4 Associate Professors with 8 Ph.D., degrees and the Professors and Associate Professors have an average experience of 20 years, Assistant Professors having M.Tech., degrees with an average experience of 9 years. All the faculty are very much involved in research activity and doing research projects funded by DST, UGC, AICTE etc

A Note from Head of the Department



The Department of Computer Science and Engineering was founded in the year 1991 by people who had a vision. This vision was how Computer Science and Engineering would fit into the unique spirit of SRKR Engineering college, an institution oriented to an unusual degree around under graduate education and close interdepartmental collaboration. One of the strengths of the department is well qualified and well experienced faculty. Presently having 3 Professors and 4 Associate Professors with 8 Ph.D., degrees and the Professors and Associate Professors have an average experience of 20 years, Assistant Professors having M.Tech., degrees with an average experience of 9 years. All the faculty are very much involved in research activity and doing research projects funded by DST, UGC, AICTE etc

FDPS CONDUCTED

SRKR Engineering College hosted a Three-Day FDP (July 9–11, 2024) on GenAI and Prompt Engineering, featuring expert sessions and hands-on training led by Ms. Uma Desu, Chief AI Officer at GENAIPIONEER, along with industry and academic leaders.



A Three-Day Faculty Development Program (FDP) on the Internet of Things (IoT) was conducted by the Department of Computer Science and Engineering at SRKR Engineering College, providing in-depth insights and hands-on training in IoT technologies and applications.



WORKSHOPS

SRKR Engineering College, in collaboration with Bodha Software Technologies Pvt Ltd, conducted a workshop on Competitive Coding.

The event was held from 29th July to 1st August 2024, led by certified industry experts.



The SRKR CSE Department successfully inaugurated a Five-Day Workshop on GenAI and Prompt Engineering. Day 1 featured insightful sessions by distinguished guests, marking the start of an enriching learning journey.



ICAAAI - 2024

The International Conference on Algorithms in Advanced Artificial Intelligence (ICAAAI 2024) was conducted by the Department of Computer Science and Engineering at SRKR Engineering College (A) from 4th to 6th December 2024



CAMPUS CONSUMER MOVEMENT

The CSE Department at SRKR Engineering College organized a National Consumer Day session in collaboration with VCAN. The event highlighted consumer rights through expert talks and interactive discussions, promoting awareness and empowerment among students.



SILVER JUBILEE ALUMNI REUNION 1995-1999 BATCH

The CSE Department at SRKR Engineering College hosted a memorable Silver Jubilee Alumni Reunion for the 1995-1999 batch. The event celebrated 25 years of bonds through nostalgic tours, student interactions, and heartfelt tributes to faculty.



ACE ACTIVITIES

ACE student chapter successfully organized Skill Up, focusing on Resume Building, Domain Exploration, and DSA. The event empowered students with practical skills and career guidance through expert-led sessions and activities.



ACE Club member registrations during Freshers Day on July 30, 2024. The event welcomed first-year students with energy, enthusiasm, and a vibrant call to join the ACE family.



vision&vibes a one day event organised by srkr ace on 27th sept 2024 which consits of both tech and creativity for 1st year students



ACE Club hosted a fun-filled interactive video session with first-year students from 4th to 6th November 2024. The event captured candid moments and quirky answers, showcasing the vibrant spirit of the new ACE family.



ACE Club conducted a two-day Figma Workshop for second-year students on 25th and 26th October 2024. The event combined UI/UX fundamentals with hands-on design sessions to boost creativity and collaboration



ACE Club organized an AI Tools Workshop on 23rd November 2024 to introduce students to the latest advancements in AI. The session featured hands-on activities and real-world applications to boost technical skills and innovation.



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FACULTY PUBLICATIONS

SCOPUS INDEXED JOURNALS

Buddaraju Revathi, B N V Narasimha Raju, Ajay Dilip Kumar Marapatla, Kagitha Veeramanikanta, Katta Dinesh, Maddirala Supraja. Optical character recognition for Telugu handwritten text using SqueezeNet convolutional neural networks model. International Journal of Advances in Applied Sciences, 2024 Sep 1;13(3):487-96.

Buddaraju Revathi, B. N. V. Narasimha Raju, Boddu L. V. Siva Rama Krishna, Ajay Dilip Kumar Marapatla, S. Suryanarayanaraju. Efficient deep learning models for Telugu handwritten text recognition. Indonesian Journal of Electrical Engineering and Computer Science, 2024 Dec 1; 36(3):1564 -72

Venugopal NLV, Visala K, Nirmala S, Varma CV, Triparagiri A, Kumar AS, et al. Advanced News Archiving System with Machine Learning-Driven Web Scraping and AI-Powered Summarization Using T5, Pegasus, BERT and BART Architectures. IJERR [Internet]. 2024 Dec. 30 [cited 2025 Jan. 27];46:212-21.

DONEPUDI S, SIRISHA G, PAPPULA MADHAVI SP. OPTIMIZING DIABETES DIAGNOSIS: ADGB WITH HYPERBAND FOR ENHANCED PREDICTIVE ACCURACY. Journal of Theoretical and Applied Information Technology. 2024 Dec 15;102(23).

WEB OF SCIENCE (SCIE/SCI/ESCI) JOURNALS

Kumar, L.K., Suma, K.G., Udayaraju, P. et al. Clustering-based binary Grey Wolf Optimisation model with 6LDCNN for prediction of heart disease using patient data. Sci Rep 15, 1270 (2025).

Jagadesh, B.N., Mantena, S.V., Sathe, A.P. et al. Enhancing food recognition accuracy using hybrid transformer models and image preprocessing techniques. Sci Rep 15, 5591 (2025).

D., P.K., Sandhya, E., Sk, K.S. et al. Enhancing security and efficiency in Mobile Ad Hoc Networks using a hybrid deep learning model for flooding attack detection. *Sci Rep* 15, 818 (2025).

Dhavamani L, Joshi SV, Kothapalli PK, Elangovan M, Putchanuthala RB, Senthamil Selvan R. Classifying Alzheimer's Disease Using a Finite Basis Physics Neural Network. *Microscopy Research and Technique*. 2024.

INTERNATIONAL CONFERENCES

Suragali Chanti, Kasichainula Vydehi, Hima Keerthi Penumatsa, K. Narayana Rao, Nynalasetti Kondala Kameswara Rao, A. Lakshmanarao, IEEE, 2024 November, 1-6

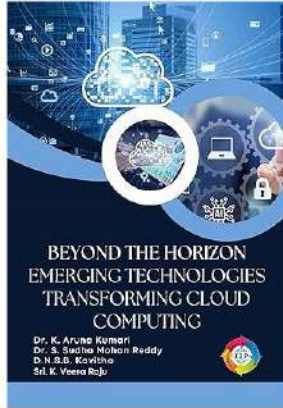
aveen Pol, Shiba Daveschar, Thaya Madhavi, Nynalasetti Kondala Kameswara Rao, L. Jeyanthi, P. Sukania, V. Vijayan, AIP Conf. Proc. 3193, 020099 (2024)

K. SundaraVelrani, Charles Prabu V, Kowstubha Palle, Balasubbareddy Mallala, G. Nithya, Nynalasetti Kondala Kameswara Rao, IEEE, 2025 March, 1-6

Manthena KV, Visumathi J, Mohankumar N, Maheshwari S, Sujatha S. IoT and Cloud-based Solutions for Energy-Efficient Restroom Lighting Systems. In 2024 4th International Conference on Sustainable Expert Systems (ICSES) 2024 Oct 15 (pp. 273-278). IEEE.

Rao SU, Babu VR, Divya CH, Naidu CR, Moses GJ, Lakshmanarao A. A Novel Approach to DGA Detection Combining Machine Learning and Transformer-Based Techniques. In 2024 International Conference on IoT Based Control Networks and Intelligent Systems (ICICNIS) 2024 Dec 17 (pp. 1416-1420). IEEE.

Krishna Chaitanya R, Sirisha GN, Ravi Kiran Varma P, Alla JN. Vehicle Movement Tracking and Control Using Image Processing. In International Conference on Inventive Communication and Computational Technologies 2024 Jun 13 (pp. 591-602). Singapore: Springer Nature Singapore.

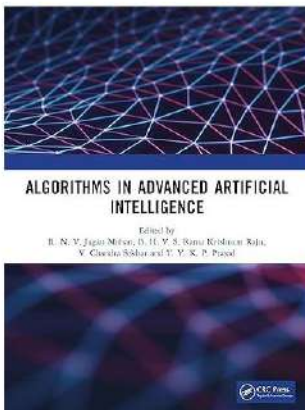
BOOKS PUBLISHED

Author: K Aruna Kumari, S S Mohan Reddy,
DNSB Kavitha, K Veera Raju

Title: Beyond the Horizon: Emerging Technologies
Transforming Cloud Computing

Publisher: Iterative International Publishers

Year:2024



Author: R.N.V. Jagan Mohan, Chandrasekhar,
V.K.R. Gupta

Title: Algorithms in Advanced Artificial
Intelligence(Ver-1)

Publisher: CRC Press, Taylor & Francis Group,

Year:2024

VISION

To envision a diverse, stimulating, continually improving academic and research environment to fulfill the needs of the society and to mould students as socially responsible and competent professionals in the field of computer science and engineering.

MISSION

To provide a strong theoretical and practical background across the computer science and engineering discipline with an emphasis on software development.

To impart modern technologies with industrial, academic and research collaboration.

To inculcate professional behavior, strong ethical values, leadership abilities and impart the skills necessary to continue education for professional growth.

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