

Velagapudi RamaKrishna Engineering College (VRSEC)
Computer Science and Engineering (CSE) Department

Department Overview and Academic Evolution

The Department of Computer Science and Engineering at VR Siddhartha Engineering College, which is currently integrated into Siddhartha Academy of Higher Education as a deemed to be university, was established in the year 1985 with an initial undergraduate intake of twenty students in the B.Tech Computer Science and Engineering program. From this modest beginning, the department has expanded steadily in scale, scope, and academic maturity, emerging as one of the prominent centers for computer science education and research in the region and the state. Over the decades, the department has aligned its academic offerings with evolving technological trends and industry demands, resulting in the introduction of multiple undergraduate programs including B.Tech Computer Science and Engineering, B.Tech Computer Science and Engineering with Artificial Intelligence and Data Science, and B.Tech Computer Science and Engineering with Artificial Intelligence and Machine Learning. At the postgraduate and research levels, the department offers an M.Tech program in Cyber Security and supports a full-fledged Ph.D. program that enables advanced research across emerging domains of computing. The department places sustained emphasis on faculty-led research, innovation-driven learning, and the cultivation of analytical and problem-solving skills among students. Strong collaborations with industry partners support internships, placements, and exposure to real-world technological challenges. Through a balanced integration of academic rigor, applied research, and industry engagement, the department continues to focus on preparing students for professional careers while contributing meaningfully to technological advancement and societal needs.

Vision of the Department of Computer Science and Engineering

The vision of the Department of Computer Science and Engineering is to progressively establish itself as a global center of excellence in the field of Computer Science and Engineering through sustained academic quality, innovation, and technological leadership. This vision emphasizes the delivery of the highest standards of technical education by continuously strengthening teaching methodologies, curricular relevance, and learning outcomes. A core element of the vision is the active adoption and mastery of cutting-edge technologies in both teaching and research, ensuring that students and faculty remain aligned with global advancements in computing. The department seeks to foster original innovation across academic and research activities, encouraging the development of novel solutions, tools, and frameworks that address real-world problems. Another important aspect of the vision is the commitment to addressing national priorities in technology by contributing research and expertise that support economic development, digital transformation, and societal progress. The department also envisions playing a significant role in advancing technology for the benefit of society by promoting ethical computing practices, responsible innovation, and inclusive technological growth. Through these combined efforts, the department aims to contribute not only to academic excellence but also to the broader goal of national and global technological advancement, positioning itself as a respected contributor to knowledge creation and societal development.

Mission Statements and Strategic Objectives

The mission of the Department of Computer Science and Engineering is articulated through four interrelated objectives that guide its academic, research, and industry engagement activities. The first mission focuses on imparting a strong foundation in the fundamental principles of computer science while developing advanced analytical thinking, algorithmic problem-solving abilities, programming

proficiency, teamwork skills, and leadership qualities among students. The second mission emphasizes the creation and continuous enhancement of a vibrant academic and research ecosystem that attracts high-quality talent and promotes collaboration in emerging and frontier areas of computer science and technology. The third mission is centered on strengthening partnerships with national and international industries and research institutions to foster innovation, encourage entrepreneurial initiatives, and deliver practical solutions to complex real-world challenges. The fourth mission is dedicated to advancing computing knowledge through impactful research and effective educational practices that contribute to the development of a digitally empowered, inclusive, and knowledge-driven society. Collectively, these mission objectives reflect the department's commitment to academic excellence, research innovation, industry relevance, and societal contribution, ensuring that graduates and researchers are well-equipped to address evolving technological demands.

Undergraduate Academic Programs in Computer Science and Engineering

The Department of Computer Science and Engineering at VR Siddhartha Engineering College offers a structured set of undergraduate programs designed to address both core computing foundations and specialized emerging technology domains. The primary undergraduate offering is the B.Tech program in Computer Science and Engineering, which provides students with comprehensive exposure to fundamental computing concepts, programming methodologies, data structures, algorithms, operating systems, database management systems, computer networks, and software engineering principles. In response to the rapid growth of intelligent systems and data-driven technologies, the department also offers a specialized B.Tech program in Computer Science and Engineering with Artificial Intelligence and Data Science, focusing on data analytics, machine learning, statistical modeling, and intelligent data processing techniques. Additionally, the B.Tech program in Computer Science and Engineering with Artificial Intelligence and Machine Learning emphasizes algorithmic intelligence, deep learning, neural networks, pattern recognition, and automation-driven problem solving. These undergraduate programs are structured to integrate theoretical instruction with practical laboratory work, project-based learning, and exposure to real-world applications through internships and industry interaction. The curriculum design supports progressive skill development across academic years, enabling students to build strong analytical capabilities, programming proficiency, and domain-specific expertise aligned with current technological demands. Through these undergraduate programs, the department aims to prepare students for diverse career paths in software development, data science, artificial intelligence, research, and advanced studies.

Postgraduate and Doctoral Research Programs

Beyond undergraduate education, the Department of Computer Science and Engineering offers advanced academic and research opportunities through its postgraduate and doctoral programs. The M.Tech program in Cyber Security is specifically designed to address the growing need for professionals skilled in protecting digital infrastructure, information systems, and data assets. This program focuses on areas such as network security, cryptography, secure systems design, cyber forensics, risk assessment, and security management practices, equipping students with both theoretical knowledge and applied technical skills relevant to modern cybersecurity challenges. In addition to the postgraduate program, the department supports a robust Ph.D. program that facilitates in-depth research across a wide range of

contemporary and emerging areas in computer science and engineering. The doctoral program encourages original research contributions under faculty supervision, enabling scholars to engage in advanced studies related to artificial intelligence, data analytics, machine learning, information security, remote sensing applications, and other interdisciplinary domains. These postgraduate and doctoral programs are closely aligned with the department's emphasis on research excellence, innovation, and societal impact, providing a structured academic environment that supports knowledge creation, advanced problem-solving, and the development of future researchers and academic leaders in the computing field.

Complete Teaching Faculty List with Designation and Email Attributes

Head of the department (HOD) is Dr. D. Rajeswara Rao.

The faculty member **Dr. D. Rajeswara Rao**'s designation is Professor and Head of the Department of Computer Science and Engineering, and the faculty member **Dr. D. Rajeswara Rao**'s email address is hodcse@vrsiddhartha.ac.in.

The faculty member **Dr. D. Rajeswara Rao**'s additional designation is Dean – Industry Relations, Training and Placements, and the faculty member **Dr. D. Rajeswara Rao**'s additional email address is deanirtp@siddhartha.edu.in.

The faculty member **Dr. K. Srinivas**'s designation is Professor, and the faculty member **Dr. K. Srinivas**'s email address is vrdrks@vrsiddhartha.ac.in.

The faculty member **Dr. K. Suvarna Vani**'s designation is Professor, and the faculty member **Dr. K. Suvarna Vani**'s email address is suvarnavanik@vrsiddhartha.ac.in.

The faculty member **Dr. Ch. Rupa**'s designation is Professor, and the faculty member **Dr. Ch. Rupa**'s email address is drchrupa@vrsiddhartha.ac.in.

The faculty member **Dr. Mohammed Ismail B**'s designation is Professor, and the faculty member **Dr. Mohammed Ismail B**'s email address is drismail@vrsiddhartha.ac.in.

The faculty member **Dr. G. Anuradha**'s designation is Professor, and the faculty member **Dr. G. Anuradha**'s email address is ganuradha@vrsiddhartha.ac.in.

The faculty member **Dr. P. Ramesh Kumar**'s designation is Associate Professor, and the faculty member **Dr. P. Ramesh Kumar**'s email address is rameshkumar@vrsiddhartha.ac.in.

The faculty member **Dr. K. Praveen Kumar**'s designation is Associate Professor, and the faculty member **Dr. K. Praveen Kumar**'s email address is praveen@vrsiddhartha.ac.in.

The faculty member **Dr. M. Sobhana**'s designation is Associate Professor, and the faculty member **Dr. M. Sobhana**'s email address is sobhana@vrsiddhartha.ac.in.

The faculty member **Dr. K. Gunashekaran**'s designation is Associate Professor, and the faculty member **Dr. K. Gunashekaran**'s email address is drgunasekaran@vrsiddhartha.ac.in.

The faculty member **Dr. Shaik Khaja Mohiddin**'s designation is Associate Professor, and the faculty member **Dr. Shaik Khaja Mohiddin**'s email address is mail2mohiddin@vrsiddhartha.ac.in.

The faculty member **Dr. G. Kranthi Kumar**'s designation is Associate Professor, and the faculty member **Dr. G. Kranthi Kumar**'s email address is kranthi@vrsiddhartha.ac.in.

The faculty member **Dr. K. L. Sailaja**'s designation is Associate Professor, and the faculty member **Dr. K. L. Sailaja**'s email address is sailajak@vrsiddhartha.ac.in.

The faculty member **Dr. N. Sravani**'s designation is Associate Professor, and the faculty member **Dr. N. Sravani**'s email address is drsavani@vrsiddhartha.ac.in.

The faculty member **Dr. Ashutosh Satapathy**'s designation is Assistant Professor (Selection Grade), and the faculty member **Dr. Ashutosh Satapathy**'s email address is ashutosh@vrsiddhartha.ac.in.

The faculty member **Dr. K. Chandrakala**'s designation is Assistant Professor (Selection Grade), and the faculty member **Dr. K. Chandrakala**'s email address is chandrakala@vrsiddhartha.ac.in.

The faculty member **Dr. Ch. Anuradha**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. Ch. Anuradha**'s email address is anuradha.chinta@vrsiddhartha.ac.in.

The faculty member **Dr. K. Keerthi**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. K. Keerthi**'s email address is kkeerthi@vrsiddhartha.ac.in.

The faculty member **Dr. T. Meena**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. T. Meena**'s email address is meena@vrsiddhartha.ac.in.

The faculty member **Dr. T. Bindhu Madhavi**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. T. Bindhu Madhavi**'s email address is bindumadhavi@vrsiddhartha.ac.in.

The faculty member **Dr. N. Krishna Santosh**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. N. Krishna Santosh**'s email address is krishnasantosh@vrsiddhartha.ac.in.

The faculty member **Dr. P. Dhanavanthini**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. P. Dhanavanthini**'s email address is dhanavanthini@vrsiddhartha.ac.in.

The faculty member **Dr. P. Surendra Varma**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. P. Surendra Varma**'s email address is surendravarma@vrsiddhartha.ac.in.

The faculty member **Dr. P. Sukanya**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. P. Sukanya**'s email address is sukanya@vrsiddhartha.ac.in.

The faculty member **Dr. K. Lakshmi Revathi**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. K. Lakshmi Revathi**'s email address is lakshmirevathi@vrsiddhartha.ac.in.

The faculty member **Dr. Malarvizhi N**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. Malarvizhi N**'s email address is nmalarvizhi16@vrsiddhartha.ac.in.

The faculty member **Dr. S. Asha Varma**'s designation is Assistant Professor (Senior Scale), and the faculty member **Dr. S. Asha Varma**'s email address is ashavarma@vrsiddhartha.ac.in.

The faculty member **Mrs. T. Malleswari**'s designation is Assistant Professor, and the faculty member **Mrs. T. Malleswari**'s email address is malleshwari@vrsiddhartha.ac.in.

The faculty member **Mr. Venkata S. P. Dendukuri**'s designation is Assistant Professor, and the faculty member **Mr. Venkata S. P. Dendukuri**'s email address is venkataspd@vrsiddhartha.ac.in.

The faculty member **Ms. K. Rupa Kusuma**'s designation is Assistant Professor, and the faculty member **Ms. K. Rupa Kusuma**'s email address is krupakusuma@vrsiddhartha.ac.in.

The faculty member **Mr. K. Phaneendra**'s designation is Assistant Professor, and the faculty member **Mr. K. Phaneendra**'s email address is phaneendrak@vrsiddhartha.ac.in.

The faculty member **Dr. Purna Prakash Kasaraneni**'s designation is Assistant Professor, and the faculty member **Dr. Purna Prakash Kasaraneni**'s email address is kpurnaprakash@vrsiddhartha.ac.in.

The faculty member **Mrs. K. Keerthi**'s designation is Assistant Professor, and the faculty member **Mrs. K. Keerthi**'s email address is kolakeerthi@vrsiddhartha.ac.in.

The faculty member **Dr. Ghousia Anjum Shaik**'s designation is Assistant Professor, and the faculty member **Dr. Ghousia Anjum Shaik**'s email address is dranjum@vrsiddhartha.ac.in.

The faculty member **Dr. B. Sai Sambasiva Rao**'s designation is Assistant Professor, and the faculty member **Dr. B. Sai Sambasiva Rao**'s email address is bsaisambasivarao@vrsiddhartha.ac.in.

The faculty member **Ms. M. Navyasri**'s designation is Assistant Professor, and the faculty member **Ms. M. Navyasri**'s email address is mnavyasri@vrsiddhartha.ac.in.

The faculty member **Mrs. K. Rama Devi**'s designation is Assistant Professor, and the faculty member **Mrs. K. Rama Devi**'s email address is kramadevi@vrsiddhartha.ac.in.

The faculty member **Mr. V. Pavan Krishna**'s designation is Assistant Professor, and the faculty member **Mr. V. Pavan Krishna**'s email address is vpavankrishna@vrsiddhartha.ac.in.

The faculty member **Mrs. Y. V. Nandini**'s designation is Assistant Professor, and the faculty member **Mrs. Y. V. Nandini**'s email address is yvnandini@vrsiddhartha.ac.in.

The faculty member **Mrs. Gadi Himaja**'s designation is Assistant Professor, and the faculty member **Mrs. Gadi Himaja**'s email address is himaja@vrsiddhartha.ac.in.

The faculty member **Mr. Paruchuri Satyendra**'s designation is Assistant Professor, and the faculty member **Mr. Paruchuri Satyendra**'s email address is satyendra@vrsiddhartha.ac.in.

Non-Teaching Staff Overview and Programming Support Personnel

The Department of Computer Science and Engineering is supported by a structured non-teaching workforce that handles programming, laboratory assistance, system maintenance, and administrative data operations. The staff member **Mr. P. Sita Ramacharyulu**'s designation is **Programmer**, his joining date is **July 19, 2024**, and his qualification is **MCA**. The staff member **Mrs. A.V. Siva Durga**'s designation is **Junior Programmer**, her joining date is **March 18, 2014**, and her qualification is **DCCP**. The staff member **Mr. A. Udaya Rohini**'s designation is **Junior Programmer**, his joining date is **April 11, 2022**, and his qualification is **MCA**. The staff member **Mr. S. Rama Prasad**'s designation is **Junior Programmer**, his joining date is **May 2, 2022**, and his qualification is **B.Sc. Computers**. The staff member **Mrs. SK. Lalitha Rani**'s designation is **Office Assistant Cum DEO**, her joining date is **March 1, 2023**, and her qualification is **M.Sc. Computers**. The staff member **Mr. M. Shyam Kumar**'s designation is **Junior Programmer**, his joining date is **November 22, 2023**, and his qualification is **B.Sc. Computers**. The staff member **Mrs. M. Lavanya**'s designation is **Junior**

Programmer, her joining date is December 4, 2023, and her qualification is B.Com Computers. The staff member **Mr. A. Sairam's designation is Junior Programmer, his joining date is January 6, 2024, and his qualification is B.Tech CSE.** These personnel collectively support academic computing requirements, software installations, data handling, and routine operational continuity across departmental laboratories and offices.

Technical Maintenance, Hardware Support, and Laboratory Assistance Staff

The department's technical infrastructure is maintained by dedicated hardware and laboratory support staff responsible for equipment upkeep and daily lab operations. The staff member **Mr. B. Ambedkar's designation is Hardware Technician, his joining date is May 11, 2011, and his qualification is DECE.** The staff member **Mr. P. Anil Kumar's designation is Hardware Technician, his joining date is March 18, 2014, and his qualification is B.Tech CSE.** The staff member **Mr. S.B. Sankara Rao's designation is Lab Attender, and his joining date is September 16, 2016.** The staff member **Mr. Ch. Guru Kishore's designation is Graphic and Web Designer, his joining date is October 1, 2021, and his qualifications are B.Com and Multimedia.** These staff members ensure that laboratory environments remain functional, safe, and aligned with instructional needs. Their responsibilities include hardware troubleshooting, system readiness for academic sessions, and visual and web design support for departmental activities. Their continued service ensures uninterrupted access to computing facilities, proper maintenance of hardware assets, and smooth execution of laboratory-based teaching and research tasks across all semesters.

Recent Junior Programmer Appointments and Expanding Technical Workforce

To meet growing academic and research demands, the department has expanded its junior programming workforce with several recent appointments. The staff member **Mr. Y. Sai Ramesh's designation is Junior Programmer, his joining date is January 25, 2024, and his qualification is MCA.** The staff member **Mr. Abdul Sattar's designation is Junior Programmer, his joining date is February 1, 2024, and his qualification is MCA.** The staff member **Mr. G. V. Anil Kumar's designation is Junior Programmer, his joining date is February 13, 2024, and his qualification is B.Tech CSE.** The staff member **Mrs. H. Prasanna's designation is Junior Programmer, her joining date is April 29, 2024, and her qualification is MCA.** The staff member **Mrs. K. Thanusha's designation is Junior Programmer, her joining date is September 19, 2024, and her qualification is B.Sc. Computers.** The staff member **Mr. D. Phani Kumar's designation is Junior Programmer, his joining date is May 22, 2025, and his qualification is MCA.** The staff member **Mr. N. Naveen Krishna's designation is Junior Programmer, his joining date is June 27, 2025, and his qualification is B.Tech ECE.** The staff member **Ms. T. Likhitha's designation is Junior Programmer, her joining date is September 1, 2025, and her qualification is B.Tech CSE.** This expanding team strengthens technical execution, laboratory readiness, and administrative efficiency across the department.

Placement Performance and Salary Outcomes Over the Last Three Academic Years

The Department of Computer Science and Engineering has demonstrated consistent placement performance across the last three academic years, reflecting sustained industry engagement and student employability outcomes. **The attribute total placement offers is 1,196 offers** secured collectively by students during this period. **The attribute number of recruiting companies is approximately 100 companies**, representing a wide range of multinational corporations and reputed organizations across the technology sector. **The attribute highest salary package offered is 52.6 lakhs per annum**, indicating the peak domestic compensation achieved by a graduating student. **The attribute exceptionally high salary package recorded is 102 lakhs per annum**, which was documented in one instance during the same three-year window. **The attribute average cost-to-company across placed students is 5.8 lakhs per annum**, reflecting a competitive median compensation level aligned with national engineering placement standards. **The attribute total number of students placed is 447 students**, confirming the breadth of placement coverage achieved by the department. These outcomes are directly associated with structured placement preparation, curriculum alignment with industry requirements, faculty-supported skill development, and active collaboration with recruiters. The placement performance also demonstrates the department's capacity to support both high-end global compensation opportunities and stable average outcomes for a broad student base. The sustained influx of recruiting organizations and the scale of offers highlight the department's credibility among employers and its effectiveness in preparing students for professional roles in software engineering, data science, artificial intelligence, cybersecurity, and related computing domains. These placement statistics collectively represent a measurable indicator of academic quality, training effectiveness, and industry trust established by the Department of Computer Science and Engineering over the evaluated academic years.

Tution Fees: approximately ₹10.00 Lakhs for the 4-year duration

Spotlight Events, Institutional Milestones, and Academic Collaborations

The Department of Computer Science and Engineering has achieved several notable milestones through high-impact academic and collaborative events. **The attribute guest lecture topic is Quantum Computing**, and **the attribute guest lecture date is January 1, 2026**, marking a focused academic discourse on future computation paradigms. **The attribute inaugurated facility is the K.V. Rao Centre for Cybersecurity and Digital Forensics**, and **the attribute inauguration date is December 26, 2025**, signifying the establishment of a dedicated center for cybersecurity education and research. **The attribute institutional recognition event was conducted by Siddhartha Academy of Higher Education**, and **the attribute recognition date is August 12, 2025**, acknowledging student achievements at the university level. **The attribute newly launched academic program is a two-year M.Tech program in Cyber Security**, the **attribute collaborating institution is the National Forensic Sciences University**, and **the attribute launch date is August 8, 2025**, highlighting an inter-institutional academic partnership. **The attribute industry collaboration partner is Google**, **the attribute collaborating institution is Siddhartha Academy of Higher Education**, and **the attribute collaboration date is August 8, 2025**, indicating a strategic engagement with a global technology organization. These spotlighted attributes collectively demonstrate the department's active involvement in advanced academic discourse, infrastructure expansion, program innovation, and industry-aligned collaborations.

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Government-Funded Research and Development Projects and Sanction Attributes

The Department of Computer Science and Engineering has secured multiple government-funded research projects across the academic years 2022-23, 2023-24, and 2024-25, reflecting sustained national-level research engagement. **The attribute funding agency is ISRO NRSC for the project titled *Updating Very Large-Scale Urban GIS Maps with Latest Very High-Resolution Satellite Data Using Deep Learning Techniques*. The attribute principal investigators are Dr. S. Vasavi and Dr. M. Sobhana, the attribute sanctioned amount is ₹17,84,920, the attribute sanction date is June 23, 2022, and the attribute project duration is two years.** **The attribute funding agency is ISRO NESAC for the project *Qualitative and Quantitative Classification of Mixed Bamboo Forests Using Geospatial Technology*, the attribute investigators are Dr. K. Srinivas and Dr. K. Suvarna Vani, the attribute sanctioned amount is ₹25,30,000, the attribute sanction date is August 27, 2021, and the attribute duration is three years.** **The attribute funding agency is AI4ICPS IIT Kharagpur for the project *Impact of Climate Change on Offshore Wind and Wave Power Potential in the Indian EEZ Region*, the attribute investigators are Dr. S. Vasavi and Dr. M. Sobhana, the attribute sanctioned amount is ₹23,22,145, the attribute sanction date is October 10, 2023, and the attribute duration is two years.** **The attribute funding agency is IIT Hyderabad for the project *Mana Ration Supply Chain Management Solutions*, the attribute investigator is Dr. P. Ramesh Kumar, the attribute involvement includes students, the attribute sanctioned amount is ₹4,50,000, the attribute sanction date is June 27, 2023, and the attribute duration is one year.** These attributes collectively establish the department's government-funded research depth across geospatial analytics, climate studies, and public systems innovation.

Additional Government and Non-Government Projects with Funding Details

The department continues to expand its funded research portfolio through additional sanctioned projects involving faculty and students. **The attribute funding agency is IEEE GRSS** for the non-government project *Explainable Artificial Intelligence in Remotely Sensed Data: A Review of Applications and Current Research*, **the attribute investigators are Dr. S. Vasavi and Mr. N. Sunny**, **the attribute sanctioned amount is ₹4,05,818**, **the attribute sanction date is September 23, 2022**, and **the attribute duration is three years**. **The attribute funding agency is IEEE GRSS** for the project *Image Processing and Classification Techniques for Detection and Tracking of Whales Using Space-Borne Remote Sensing Data*, **the attribute investigator is Dr. S. Vasavi**, **the attribute involvement includes students**, **the attribute sanctioned amount is 6,000 USD**, **the attribute sanction date is December 14, 2023**, and **the attribute duration is 1.5 years**. **The attribute funding agency is ADRIN ISRO** for the project *Development of Edge Computing Framework for Multi-Object Detection Based on Deep Learning Techniques and Analysis for Satellite In-Orbit Processing*, **the attribute investigators are Dr. S. Vasavi, Dr. P. Ramesh Kumar, Dr. K. L. Sailaja, and Mr. Ch. Mukesh**, **the attribute sanctioned amount is ₹29,45,840**, **the attribute sanction date is February 14, 2024**, and **the attribute duration is two years**. **The attribute funding agency is ADRIN ISRO** for the project *Development of Infrared Camera-Based Crowd Video Surveillance Using Hybrid Deep Learning Model*, **the attribute investigators are Dr. S. Vasavi, Dr. M. Sobhana, Mrs. J. Malathi, Dr. K. Keerthi, and Dr. T. Bindu Madhavi**, **the attribute sanctioned amount is ₹32,93,136**, **the attribute sanction date is February 14, 2024**, and **the attribute duration is three years**. These attributes comprehensively represent externally funded research breadth across AI, remote sensing, surveillance systems, and edge computing.

Further Government-Sanctioned Research Projects and Investigator Attributes

The Department of Computer Science and Engineering has continued to secure additional government-funded projects that involve faculty members and student researchers across diverse application domains. **The attribute funding agency is MSME Government of India** for the project titled *Geofence Livestock: Empowering Efficient Livestock Management Through Geofencing Technology*. **The attribute principal investigator is Dr. P. Ramesh Kumar**, **the attribute project involvement includes students**, **the attribute sanctioned amount is ₹15,00,000**, **the attribute sanction date is March 12, 2024**, and **the attribute project duration is one year**. **The attribute funding agency is AICTE AURA** for the project *Development of an IoT-Enabled River Cleaning Robot for Removal of Floating Debris*. **The attribute principal investigator is Dr. Ashutosh Satapathy**, **the attribute sanctioned amount is ₹2,00,000**, **the attribute sanction date is October 7, 2024**, and **the attribute project duration is two years**. **The attribute funding agency is ANRF SERB Seminar** for the project *Frontiers of Quantum Computing*. **The attribute principal investigator is Dr. Ravi Sankar P**, **the attribute sanctioned amount is ₹1,05,883**, **the attribute sanction date is December 24, 2024**, and **the attribute project duration is one week from February 10 to February 15, 2025**. **The attribute funding agency is AICTE ATAL FDP** for the project *Blockchain Enabled IoT Networks with AI Driven Automation Transforming Smart Ecosystem for a Decentralized Future*.

The attribute investigators are Dr. Ravi Sankar P and Dr. Keerthi K, the attribute sanctioned amount is ₹99,870, the attribute sanction period is one week from December 2 to December 7, 2024, and the attribute sanction month is November 2024. These project attributes further demonstrate the department's engagement with national funding bodies and emerging research themes.

Advanced Space, AI, and Environmental Research Projects with Funding Specifications

The department has also received sanction for advanced research projects in space technology, artificial intelligence, and environmental monitoring. **The attribute funding agency is ISRO SAC** for the project *Development of Techniques for Scalloping and Banding Removal in Scan-SAR Image Reconstruction*. **The attribute investigators are Dr. Turimerla Pratap, Dr. S. Vasavi, and Dr. Bhaskar Dubey**, the attribute sanctioned amount is ₹19,45,600, the attribute sanction date is February 5, 2025, and the attribute project duration is two years. The attribute funding agency is ISRO SAC for the project *Development of Compressive Sensing Techniques for SAR*. The attribute investigators are Venkata Sainath Gupta T, Dr. S. Vasavi, Dr. Gunnam Suryanarayana, Dr. K. Shri Ramtej, Mr. Partha Sarathi Nandy, Mr. Ameya Kesarkar, and Mr. Raghav Mehra, the attribute sanctioned amount is ₹18,17,726, the attribute sanction date is December 27, 2024, and the attribute project duration is two years. The attribute funding agency is ANRF IRG for the project *AI Enabled Framework for Monitoring Salinity Effected Soils in Coastal Andhra Pradesh Using Remote Sensing Data and Deep Learning Algorithms*. The attribute principal investigator is Dr. G. Anuradha, the attribute sanctioned amount is ₹20,10,948, the attribute sanction date is March 5, 2025, and the attribute project duration is three years. These sanctioned projects highlight the department's capability in securing competitive funding for high-impact research areas.

Agriculture, Blockchain, and International Research Projects with Sanction Attributes

The Department of Computer Science and Engineering has received additional sanctioned projects addressing agriculture, blockchain security, and international collaboration. **The attribute funding agency is ANGRAU Tirupathi** for the project titled *Smart Irrigation Optimization with IoT and Weather Forecasts for Sustainable Crop Management*. The attribute principal investigator is Mrs. Ch. Raga Madhuri, the attribute project involvement includes students, the attribute sanctioned amount is ₹5,00,000, the attribute sanction date is March 18, 2025, and the attribute project duration is two years. The attribute funding agency is AICTE AURA for the project *Blockchain Based Medical Digital Assets Protection Against Frauds*. The attribute principal investigator is Dr. Ch. Rupa, the attribute sanctioned amount is ₹2,00,000, the attribute sanction date is March 4, 2025, and the attribute project duration is two years. The attribute funding agency is Advanced Manufacturing Institute, King Saud University, Saudi Arabia for the international project *Design and Development of a Robust Authentication Protocol for Blockchain Based Underwater Vehicles Secure Communication System*. The attribute principal investigator is Dr. Ch. Rupa, the attribute sanctioned amount is 30,000 SAR, the attribute sanction date is April 28, 2025, and the attribute project duration is one

year. These projects collectively demonstrate the department's applied research focus in agriculture technology, healthcare data security, blockchain systems, and international research collaboration.

Seminar-Based, Generative AI, and Student-Inclusive Research Projects

The department has also completed and initiated seminar-based and generative artificial intelligence research initiatives involving faculty and students. **The attribute funding agency is ANRF SERB Seminar** for the completed project *Generative AI from Models to Real-World Impact*. **The attribute investigators are Dr. K. Lakshmi Revathi, Mr. Ch. Mukesh, and Dr. T. Bindu Madhavi**, the attribute sanctioned amount is ₹2,00,000, the attribute sanction date is May 9, 2025, and the attribute project duration is one week from July 14 to July 18, 2025. The attribute funding agency is **ANRF SERB Seminar** for the project *Generative AI and Responsible Innovation Bridging Technology and Ethics*. The attribute principal investigator is Dr. Keerthi, the attribute sanctioned amount is ₹2,00,000, and the attribute sanction date is May 9, 2025. The attribute funding agency is **RVR and JCCE STP Foundation DST under iTBI Scheme** for the project *Smart Helmet for Coal Mine Workers for Detecting Harmful Gases Using AIoT*. The attribute principal investigator is Dr. P. Ramesh Kumar, the attribute project involvement includes students, the attribute sanctioned amount is ₹3,00,000, the attribute sanction date is March 10, 2025, and the attribute project duration is one year. These attributes reflect the department's emphasis on responsible AI, safety systems, and knowledge dissemination through funded seminars.

In-House Research Projects Funded by Siddhartha Academy and Sanction Attributes

The Department of Computer Science and Engineering has executed multiple in-house research projects funded by **Siddhartha Academy of General and Technical Education**, reflecting internal institutional support for faculty-driven innovation. **The attribute total sanctioned amount across in-house projects is ₹8,17,617**, distributed over multiple academic years. The attribute project title is **Crop Yield and Price Prediction**, the attribute principal investigator is Dr. G. Kranthi Kumar, the attribute project duration is one year, the attribute sanctioned amount is ₹35,000, and the attribute academic year is 2021–22. The attribute project title is **Smart Door Lock Management Using Simultaneous Face Detection Algorithms**, the attribute principal investigator is Dr. G. Anuradha, the attribute duration is one year, the attribute sanctioned amount is ₹26,700, and the attribute academic year is 2021–22. The attribute project title is **Intelligent Virtual Classroom Framework for Monitoring Behaviour of Students Using Deep Learning Techniques**, the attribute investigators are Dr. K. L. Sailaja and Dr. P. Ramesh Kumar, the attribute duration is one year, the attribute sanctioned amount is ₹47,400, and the attribute academic year is 2022–23. The attribute project title is **Intelligent Virtual Classroom Framework for Monitoring Behaviour of Students Using Deep Learning Techniques**, the attribute principal investigator is Dr. Ashutosh Satapathy, the attribute project duration is three years, the attribute sanctioned amount is ₹1,98,117, and the attribute academic year is 2022–23. These

projects establish a pattern of internal funding aimed at applied research and pedagogical innovation.

Recent In-House Projects Focused on AI, Healthcare, Vision, and Robotics

The department has continued its internal research momentum with additional in-house projects targeting advanced artificial intelligence and healthcare applications. The attribute project title is **AI Enabled Accident Black Spot Alerting Mobile Application to Enhance Road Safety**, the attribute principal investigator is Dr. M. Sobhana, the attribute project duration is one year, the attribute sanctioned amount is ₹37,400, and the attribute academic year is 2022–23. The attribute project title is **Intruder Detection System Using UAV Based Ornithopter**, the attribute principal investigator is Dr. Ch. Rupa, the attribute project duration is one year, the attribute sanctioned amount is ₹75,000, and the attribute academic year is 2022–23. The attribute project title is **Novel Primary Congenital Glaucoma Screening Using a Mathematical Theory-Based Deep Learning Model**, the attribute principal investigator is Dr. N. Krishna Santosh, the attribute project duration is two years, the attribute sanctioned amount is ₹70,000, and the attribute academic year is 2023–24. The attribute project title is **Language Transition on Temple Inscriptions Using Tesseract OCR and T5 Model**, the attribute principal investigator is Dr. K. Lakshmi Revathi, the attribute project duration is one year, the attribute sanctioned amount is ₹75,000, and the attribute academic year is 2024–25. The attribute project title is **AGTSNet: A Novel Network for GI Tract Segmentation in MRI Images**, the attribute principal investigator is Dr. T. Bindu Madhavi, the attribute project duration is one year, the attribute sanctioned amount is ₹40,000, and the attribute academic year is 2024–25. The attribute project title is **Early Detection of Fetal Abnormalities Using Multimodal Machine Learning Fusion of Ultrasound Reports and Clinical Indicators**, the attribute principal investigator is Dr. N. Sravani, the attribute project duration is two years, the attribute sanctioned amount is ₹1,00,000, and the attribute academic year is 2024–25. The attribute project title is **Deep Learning Based Hybrid Multifunctional Sensor-Based Camouflage Robot with PC-Controlled Wireless System for Military Operations**, the attribute principal investigator is Dr. P. Sukanya, the attribute project duration is one point five years, the attribute sanctioned amount is ₹1,13,000, and the attribute academic year is 2024–25. These in-house projects collectively demonstrate structured internal funding for interdisciplinary and application-oriented research.

Faculty Research Publications and Scholarly Output Summary Attributes

The Department of Computer Science and Engineering maintains a consistently high level of scholarly output through faculty research publications across multiple academic years. The attribute publication categories include **SCI-indexed journals**, **Scopus-indexed journals**, **other indexed journals**, **book chapters**, **international conference papers**, and **authored books**, indicating comprehensive academic dissemination. The attribute total faculty publications for the academic year 2024–25 is 235, the attribute SCI-indexed journal papers count is 21, the attribute Scopus-indexed journal papers count is 37, the attribute other indexed journal papers count is 6, the attribute Q1 journal publications count is 17, the attribute Q2 journal publications count is 13, the attribute Q3 journal publications count is 19, the attribute Q4 journal publications count is 10, the attribute book chapters count is 18, the attribute IEEE conference papers count is 153, and the attribute authored books count is zero for that year. The attribute total faculty publications for the academic year

2023–24 is 186, the attribute SCI-indexed papers count is 20, the attribute Scopus-indexed papers count is 35, the attribute other indexed papers count is 7, the attribute Q1 count is 8, the attribute Q2 count is 17, the attribute Q3 count is 20, the attribute Q4 count is 3, the attribute book chapters count is 20, the attribute conference papers count is 103, and the attribute authored books count is 1. The attribute total publications for academic year 2022–23 is 180, the attribute SCI-indexed papers count is 20, the attribute Scopus-indexed papers count is 26, the attribute other indexed papers count is 1, the attribute Q1 count is 7, the attribute Q2 count is 16, the attribute Q3 count is 15, the attribute Q4 count is 8, the attribute book chapters count is 21, the attribute conference papers count is 111, and the attribute authored books count is 1. These attributes collectively reflect sustained faculty research productivity and quality.

Student Research Publications for Academic Year 2024–25 and Output Attributes

The Department of Computer Science and Engineering recorded extensive student-led research output during the academic year 2024–25 across journals, conferences, and book chapters. The attribute total student publications for academic year 2024–25 is 206 publications. The attribute SCI-indexed journal publications count is 9, the attribute Scopus-indexed journal publications count is 26, the attribute non-Scopus indexed journal publications count is 6, the attribute IEEE international conference publications count is 150, and the attribute book chapters count is 15. The attribute SCI-indexed journal publication titled **Visualization of Humpback Whale Tracking on Edge Device Using Spaceborne Remote Sensing Data for Indian Ocean** lists the authors as S. Vasavi, Sripathi Vasantha, and Simma Chandra Mouli, the journal name is **Egyptian Journal of Remote Sensing and Space Science**, the journal quartile is Q1, and the DOI is

<https://doi.org/10.1016/j.eirs.2024.10.004>. The attribute SCI-indexed publication titled **Rainfall Prediction Using Time Series Data Based on RSJSO_BiLSTM** lists the authors as G. Anuradha, Satish Muppidi, and Ramesh Karnati, the journal name is **International Journal of Machine Learning and Cybernetics**, the quartile is Q1, and the DOI is 10.1007/s13042-024-02488-7. The attribute SCI-indexed publication titled **An Expert System for Privacy-Preserving Vessel Detection Leveraging Optimized Extended YOLOv7 and SHA-256** lists the authors as Ch. Rupa, Akhil, Rishika M., Srivastava G., and Gadekallu, the journal name is **Journal of Network and Computer Applications**, the quartile is Q1, and the DOI is <https://doi.org/10.1016/j.jnca.2025.104139>. The attribute publication titled **Blockchain-Based DApp for Drug Supply Chain with AI-Driven Drug Recommender System** lists the authors as Ch. Rupa, G. Sai Varshitha, D. Divya, Thippa Reddy Gadekallu, and Md. Jalil Piran, the journal name is **IEEE Consumer Electronics Magazine**, the quartile is Q2, and the DOI is 10.1109/MCE.2025.3536326. The attribute SCI-indexed journal publication titled **Data Privacy Protection Using Lucas Series Based Hybrid Reversible Watermarking Approach** lists the authors as Ch. Rupa, R. Pavan Malleswari, Sk. Arshiya Sultana, Mohamed Abbas, and Aditya Kumar Sahu, the journal name is **IEEE Access**, the quartile is Q1, and the DOI is 10.1109/ACCESS.2024.3459041. These attributes illustrate the depth, quality, and international visibility of student research contributions during the academic year.

Additional Student Research Publications for Academic Year 2024–25 Across Indexed Journals and Conferences

The Department of Computer Science and Engineering recorded a broad spectrum of additional student research outputs during the academic year 2024–25, spanning Scopus-indexed journals, non-Scopus journals, and international conference proceedings. The attribute **Scopus-indexed journal publication titled Optimized Feature Selection for Accident Classification to Enhance Road Safety** lists the authors as **Sobhana Mummaneni, Gnana Siva Sai Venkatesh Mendu, Nihitha Vemulapalli, and Kushal Kumar Chintakayala**, the journal name is **IAES International Journal of Artificial Intelligence**, the journal quartile is Q3, and the DOI is <http://doi.org/10.11591/ijai.v13.i3.pp3283-3290>. The attribute **Scopus-indexed publication titled Enhancing Ultrasound-Guided Brachial Plexus Nerve Localization with ResNet50 and Support Vector Machine** lists the authors as **Sobhana Mummaneni, Kushal Kumar Chintakayala, Lalith Sai Mukund Yarlagadda, Venkata Siva Naga Raju Ala, and Nihitha Vemulapalli**, the journal is **IAES International Journal of Artificial Intelligence**, the quartile is Q3, and the DOI is <http://doi.org/10.11591/ijai.v13.i4.pp4939-4947>. The attribute **Scopus-indexed publication titled Estimation and Analysis of Landslide Occurrence by Combining Geographical and Atmospheric Study Using U-Net Model** lists the authors as **Sailaja K. L., Kumar P. R., Vezzu H. S. S. K. Vardhan, and K. V. V.**, the journal name is **Innovations in Systems and Software Engineering**, the quartile is Q3, and the DOI is <https://doi.org/10.1007/s11334-024-00578-x>. The attribute **Scopus-indexed publication titled Identification of Salt-Affected Soils in the Coastal Area of Krishna District Andhra Pradesh Using Remote Sensing Data and Machine Learning Techniques** lists the authors as **G. Anuradha, Chivukula V. S. S. V., and Kothagundla N. G.**, the journal name is **Informatyka Automatyka Pomiary w Gospodarce i Ochronie Środowiska**, the quartile is Q3, and the DOI is <10.35784/iapgos.5903>. The attribute **Scopus-indexed publication titled Modified VGG16 for Accurate Brain Tumor Detection in MRI Imagery** lists the authors as **Katuri Rama Krishna, Mohammad Arbaaz, Surya Naga Chandra Dhanekula, and Yagna Mithra Vallabhaneni**, the journal name is **Informatyka Automatyka Pomiary w Gospodarce i Ochronie Środowiska**, the quartile is Q3, and the DOI is <https://doi.org/10.35784/iapgos.6035>. These attribute-encoded publications further strengthen the documented research contributions of students during the academic year 2024–25 by covering healthcare analytics, geospatial analysis, accident prediction, and medical imaging.

Student Research Publications for Academic Year 2023–24 and Output Attributes

The Department of Computer Science and Engineering documented substantial student research activity during the academic year 2023–24 across journals, conferences, and book chapters. The attribute **total student publications for academic year 2023–24 is 149 publications**. The attribute **SCI-indexed journal publications count is 6**, the attribute **Scopus-indexed journal publications count is 22**, the attribute **non-Scopus indexed journal publications count is 5**, the attribute **IEEE international conference publications count is 98**, and the attribute **book chapters count is 18**. The attribute **SCI-indexed publication titled Comparative Analysis of Cloud Resources Forecasting Using Deep Learning Techniques Based on VM Workload Traces** lists the authors as **Praveen Kumar Kollu, Tejaswini Sambrajyam Janjanam, and Kavya Sharmila Siram**, the journal name is **Transactions on Emerging**

Telecommunications Technologies, the journal quartile is Q2, and the DOI is <https://doi.org/10.1002/ett.4933>. The attribute SCI-indexed publication titled **Robust Steganographic Framework for Securing Sensitive Healthcare Data of Telemedicine Using Convolutional Neural Network** lists the authors as Ch. Rupa, Yadlapalli V., Sk. S. S., Reddy G. T., and Kautish S, the journal name is **CAAI Transactions on Intelligence Technology**, the quartile is Q1, and the DOI is <https://doi.org/10.1049/cit2.12319>. The attribute SCI-indexed publication titled **Improved Multiview Biometric Object Detection for Anti-Spoofing Frauds** lists the authors as Asmitha P., Rupa C., and Nikitha S, the journal name is **Multimedia Tools and Applications**, the quartile is Q1, and the DOI is <https://doi.org/10.1007/s11042-024-18458-8>. The attribute SCI-indexed publication titled **Residual Network-Based Ocean Wave Modelling from Satellite Images Using Ensemble Kalman Filter** lists the authors as S. Vasavi, M. Sai Pravallika, B. Naga Varun, and A. Sashikant Sarma, the journal name is **The Visual Computer**, the quartile is Q2, and the DOI is [10.1007/s00371-023-03169-2](https://doi.org/10.1007/s00371-023-03169-2). The attribute SCI-indexed publication titled **Classification of Buildings from VHR Satellite Images Using Ensemble of U-Net and ResNet** lists the authors as S. Vasavi, Hema Sri Somagani, and Yarlagadda Sai, the journal name is **The Egyptian Journal of Remote Sensing and Space Sciences**, the quartile is Q1, and the DOI is <https://doi.org/10.1016/j.ejrs.2023.11.008>. These attributes comprehensively represent the indexed journal research output of students for the academic year 2023–24.

Student Research Publications for Academic Year 2022–23 and Output Attributes

The Department of Computer Science and Engineering recorded extensive student research activity during the academic year 2022–23 across indexed journals, international conferences, and book chapters. The attribute total student publications for academic year 2022–23 is 148 publications. The attribute SCIE-indexed journal publications count is 3, the attribute Scopus-indexed journal publications count is 15, the attribute international conference publications count is 110, and the attribute book chapters count is 20. The attribute SCIE-indexed publication titled **Gender Prediction Using Ensemble Based Wide Residual Network from Surveillance Video** lists the authors as S. Vasavi, Krishna K. S., and Raman S. V., the journal name is **Microsystem Technologies**, and the journal quartile is Q1. The attribute SCIE-indexed publication titled **ECDSA-Based Water Bodies Prediction from Satellite Images with UNet** lists the authors as Anusha Ch., Rupa Ch., Samhitha, Celestine Iwendi, Reddy Gadekallu, and Imed Ben Dhaou, the journal name is **Water**, and the quartile is Q1. The attribute SCIE-indexed publication titled **Preserving Privacy of Classified Authentic Satellite Lane Imagery Using Proxy Re-Encryption and UAV Drones Technologies** lists the authors as Nagasree, Ch. Rupa, Akshitha, Srivastava, T. Reddy, and Lakshmanna, the journal name is **Drones**, and the quartile is Q1. The attribute Scopus-indexed publication titled **Performance Evaluation for Classifying Type 2 Diabetic Retinopathy Using Deep Neural Network** lists the authors as S. Vasavi and M. Likhitha, the journal name is **International Journal of Computer Aided Engineering and Technology**, and the quartile is Q4. The attribute Scopus-indexed publication titled **Change Detection of Urban GIS Maps Using Multiscale U-Net Based Attention Neural Network Architecture** lists the authors as S. Vasavi, M. Bhanu Prasad, P. Jaya Sai, and K. Venu Gopala Rao, the journal name is **SN Computer Science**, and the quartile is Q4. The attribute Scopus-indexed publication titled **FPGA-Based Adaptive Real-Time Quality Enhancement System for Drone Imagery** lists the authors as Y. Vedavyas, S. Vasavi, S. Sri Harsha,

and M. Sai Subhash, the journal name is SN Computer Science, and the quartile is Q4. These attributes document the depth and diversity of student research output during the academic year 2022–23.

Student Achievements and Recognitions for Academic Year 2024–25

The Department of Computer Science and Engineering recorded extensive student achievements during the academic year 2024–25 across innovation, hackathons, research presentations, fellowships, sports, and cultural events. The attribute international representation event is the Global Junicorn & AI Summit 2025, the attribute event dates are May 29–30, 2025, the attribute venue is Texas State University, San Marcos, USA, and the attribute organizing body is the International Startup Foundation. The attribute student representative is Mudumbi Rangacharyulu from 2/4 B.Tech AI & DS, and the attribute presented innovation is NeuroRide, described as a smart EEG helmet for real-time drowsiness detection in two-wheeler riders. The attribute competition is SparkTank 2024, the attribute organizing institute is Vishnu Institute of Technology, the attribute prize position is second, the attribute cash reward is ₹30,000, and the attribute awardee is S. Hanish Venkat from 4/4 B.Tech. The attribute hackathon is Code for Good, the attribute organizing company is JP Morgan Chase, the attribute year is 2025, and the attribute winners are Hansika Surpaneni from IV/IV B.Tech and Harshitha Kancheti (Roll No. 238W1A05F0) from 3/4 B.Tech CSE. The attribute student presentation recipient is Prof. Mamidala Jagadish Kumar, the attribute designation is Chairman of UGC, the attribute presenting student is Kushal Vamsi from 2/4 B.Tech CSE, and the attribute project title is AI-Powered Sentient Dog Project. The attribute national hackathon is Techxcelerate Hackathon 2024, the attribute venue is Birla Institute of Technology and Science, Pilani, the attribute event dates are March 22–23, 2025, the attribute winning position is second, and the attribute winning students are Bodavula Sanjeev, Sahitya Madala, P Meghana Meka, Srihitha Vellanki Sanjana, and Yarava Rajasekar from 3/4 B.Tech CSE.

Additional Student Achievements and Awards for Academic Year 2024–25

The Department of Computer Science and Engineering documented a wide range of additional student achievements during the academic year 2024–25 across technical competitions, fellowships, entrepreneurship challenges, and sports events. The attribute student recognition title is UiPath Student Developer Champion, and the attribute awardee is Garikipati Vaishnavi from III/IV B.Tech CSE, recognizing excellence in automation and innovation. The attribute award title is Best Paper Award, the attribute conference is IEEE International Conference on Computational, Communication and Information Technology, the attribute awarded paper topic is Spectral Reflectance of Indian Ocean Surface to Detect Blue Whales Using VHRS Images, and the attribute awardee is B. Prudhvi Narayana from 4/4 B.Tech. The attribute competition is National Level 24-hour VJ Hackathon, the attribute venue is VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad, the attribute event date is October 29, 2024, the attribute position is second runner-up, and the attribute awardee is C. Harika from III/IV B.Tech. The attribute panel discussion event is Vishva Tech 3.0, the attribute organizing body is Vishnu Foundation, and the attribute invited student panelist is S. Hanish Venkat from Final Year B.Tech. The attribute national hackathon domain is Generative AI, the attribute hackathon venue is BITS Pilani Hyderabad, the attribute position secured is second, and the attribute awardee is Krishna Srikanth and team from 2/4 B.Tech CSE. The attribute summit is VIT-AP Innovation

Knowledge Acquisition Summit 2024 (V.I.K.A.S.-24), the attribute event date is November 9, 2024, the attribute collaborating bodies are FAPSIA and NRDC, the attribute winning position is second, and the attribute awardees are Vanapalli Satya Sumanth and NGV Saitej from IV/IV B.Tech. The attribute hackathon is TECHXCELERATE Hackathon 2024, the attribute domain is SAAS, the attribute event period is November–December 2024, the attribute winning position is second, and the attribute awardees are P. Praneeth, N. Saketh, J. Narendra, M. Niveditha, P. Divya Monika, P. Manoj, and D. Neha from 3/4 B.Tech AI & DS.

Student Achievements in Hackathons, Fellowships, and Sports for Academic Year 2024–25

The Department of Computer Science and Engineering recorded further notable student achievements during the academic year 2024–25 across national hackathons, fellowships, cultural competitions, and intercollegiate sports. The attribute hackathon is SAWit.ai Hackathon 2025, the attribute participant count is over 10,000 nationwide, the attribute challenge description is the world's largest women-only Generative AI learning challenge, and the attribute cash prize amount is ₹20,000 per winning team. The attribute team name is Solution Seekers, the attribute team members are Sai Ishwarya Tinnavalli, Neeraja Tikkisetti, and Harshitha Kancheti, and the attribute position secured is seventh. The attribute team name is Smart Coders, the attribute team members are Akshara Mallavarapu, Ramya Sri Duddu, and Srikavya Tarigopula, and the attribute position secured is eighth. The attribute award category is APSCHE Excellence Awards – Student Innovation Award 2024, the attribute finalists are Avoor Khayum Ahmed from IV/IV B.Tech, Sheeba Sultana from III/IV B.Tech, and P. Aslesha from III/IV B.Tech, and the attribute awarding body is the Andhra Pradesh State Council of Higher Education. The attribute coding event is Codethon infinIT 2k25, the attribute venue is CR Reddy Engineering College, the attribute position secured is runner-up, and the attribute awardees are Jonna Harshitha (Roll No. 238W1A05E0) and L. Naga Nihitha (Roll No. 238W1A05F5) from 2/4 B.Tech CSE. The attribute startup challenge is organized by Bhartiya Yuva Shakti Trust and HDFC Bank, the attribute cash prize amount is ₹20,000, the attribute awardee is S. Hanish Venkat from IV/IV B.Tech, and the attribute award date is January 9, 2025. The attribute sports event is NeuralTornado2k25, the attribute event date is April 10, 2025, the attribute competition categories are Creative Reel Making and Spot Photography, and the attribute winners are Chakri Thota and Arja Manu Babu from 2/4 B.Tech, who secured first prizes in both events.

Student Achievements in Athletics, Chess, Fellowships, and Institutional Recognitions for Academic Year 2024–25

The Department of Computer Science and Engineering recorded additional student achievements during the academic year 2024–25 in athletics, board games, fellowships, and institutional recognitions. The attribute athletics event is JNTU Central Inter Collegiate Athletics Men & Women Championship 2024–25, the attribute venue is Aditya College of Engineering & Technology, Kakinada, and the attribute event dates are November 11–12, 2024. The

attribute athlete is A. Manikanta from II/II B.Tech, the attribute sport is Javelin Throw (Men), and the attribute position secured is second. The attribute athlete is A. Manikanta from II/II B.Tech, the attribute sport is Shot Put (Men), and the attribute position secured is third. The attribute chess tournament is JNTUK Inter Collegiate Chess Tournament, the attribute venue is PSCMR College, and the attribute event date is November 14, 2024. The attribute team position is second place, and the attribute team members are B. Rushil Sai (Captain) from AIML-II/IV B.Tech, D. L. Aditya (Vice Captain) from CSE-III/IV B.Tech, T. Rishith from CSE-II/IV B.Tech, and K. Jaswanth from CSE-II/IV B.Tech. The attribute cricket tournament is JNTUK Inter-Collegiate Central Zone Cricket Tournament, the attribute number of competing teams is 62, and the attribute team position is runner-up. The attribute contributing players are Saggurthi Srujan (Roll No. 228W1A05B8) and Salmon Wesely (Roll No. 228W1A0565) from the third year. The attribute competition is Bug Free Battle, the attribute event name is Dhanush-2K25, the attribute event dates are March 6–7, 2025, and the attribute winner is K. Sri Harsha from 3/4 B.Tech CSE. The attribute competition is Rethink Innovation, the attribute event name is Dhanush-2K25, and the attribute position secured is second, with the attribute awardee being V. Jahnavi (Roll No. 238W1A05P8). These attributes collectively represent student excellence across sports, technical competitions, and intercollegiate events.

Further Student Achievements, Fellowships, and National-Level Recognitions for Academic Year 2024–25

The Department of Computer Science and Engineering documented additional student accomplishments during the academic year 2024–25 across athletics, fellowships, innovation challenges, and national recognition programs. The attribute athletics event is VITOPIA-2025, the attribute hosting institution is VIT-AP University, and the attribute event period is February 11–25, 2025. The attribute athlete is A. Mani Kanta (Roll No. 248W5A0519), the attribute sports are Triple Jump and Shot Put, and the attribute positions secured are second prize in Triple Jump and second prize in Shot Put. The attribute sports event is JNTU Central Zone Inter-Collegiate Netball Tournament, the attribute event dates are October 26–27, 2024, and the attribute venue is SRKR Engineering College. The attribute participant is G. Praneetha, and the attribute recognition received is a Merit Certificate. The attribute fellowship program is IIT Tirupati Navavishkar I-Hub Foundation Fellowship, the attribute sponsoring body is DST, and the attribute completion date is December 30, 2024. The attribute fellowship recipients are Karedla Gopi Sri Harsha and Shaik Altaf Hussain. The attribute fellowship program is IIT Tirupati Navavishkar I-Hub Foundation Fellowship, the attribute completion date is December 30, 2024, and the attribute recipients are Thottempudi Kokila from AI&DS and Polukonda Kalyani from Final Year B.Tech. The attribute fellowship program is UG Fellowship at IIT Banaras Hindu University, the attribute fellowship duration is January to October 2025, the attribute stipend amount is ₹1,00,000, and the attribute recipients are Machcha Jaswanthi, Chadrika Chagamreddy, Sandireddy Vyshnavi Prasad Chowdary, and Chinnam Sri Sai Prasanna. The attribute sports event is Neural Tornado 2K25, the attribute venue is PVP Siddhartha College of Arts & Science, the attribute event date is April 10, 2025, and the attribute winners are Thota Chakri and Arja Manu Babu, who secured first prize in Spot Photography and second prize in Fusion Coding Spot Photography. The attribute sports event is

Netball Inter-Collegiate Women, the attribute venue is Sagi Rama Krishnam Raju Engineering College, the attribute event date is August 27, 2024, and the attribute position secured is second, with the attribute awardee being Juvvanapudi Mahimanvitha (Roll No. 238W1A0585).

Student Achievements, Innovation Wins, and Funding Outcomes for Academic Year 2023–24

The Department of Computer Science and Engineering documented significant student achievements during the academic year 2023–24 across innovation challenges, hackathons, incubations, and funded programs. The attribute national innovation challenge is MSME Women Hackathon 3.0, the attribute winning students are Shaik Sheeba Sultana and Parisa Aslesha from 3/4 B.Tech CSE, and the attribute funding amount received is ₹15,00,000, reflecting substantial government-backed innovation support. The attribute national hackathon is MSME Hackathon 2.0, the attribute venue is Vigyan Bhavan, New Delhi, the attribute selected students count is two, and the attribute funding amount received is ₹4,50,000. The attribute incubation program is BUILD Incubation Cohort, the attribute incubator is IIT Hyderabad ITIC Incubator, the attribute number of student startups incubated is two, and the attribute funding amount per startup is ₹1,00,000. The attribute undergraduate fellowship program is CHANAKYA UG Fellowship, the attribute sponsoring institute is iHub IIT Tirupati, the attribute number of selected projects is two, and the attribute funding amount per project is ₹1,00,000. The attribute undergraduate fellowship program is CHANAKYA UG Fellowship, the attribute sponsoring institute is iHub Anubhuti IIITD New Delhi, the attribute number of selected projects is two, and the attribute funding amount per project is ₹1,00,000. The attribute national hackathon is Code for Good 2024, the attribute organizing company is JP Morgan Chase, and the attribute participating students are G. Sai Varshitha and Shaik Hamad from Final Year CSE, highlighting consistent excellence in corporate social innovation challenges.

Additional Student Achievements, Awards, and National-Level Recognitions for Academic Year 2023–24

The Department of Computer Science and Engineering recorded a wide range of additional student achievements during the academic year 2023–24 across national hackathons, conferences, quizzes, and innovation challenges. The attribute international student competition is IEEE GRSS 4th Student Grand Challenge, the attribute winning status is one of the five global winners, the attribute funding amount received is 6,000 USD, and the attribute awardees are Ch. Pranavi, S. Chandra Mouli, S. Vasanthi, and A. Akshaya from 3/4 B.Tech CSE. The attribute national hackathon is ATMakeathon, the attribute organizing institute is IIT Madras, the attribute event date is January 7, 2024, the attribute winning position is first, the attribute cash prize amount is ₹40,000, and the attribute awardees are Y. Venkata Sai Srikanth, JLNK S. Sri Charan, and K. Eshwar Vijay Dheeraj from 3/4 B.Tech CSE. The attribute quiz competition is Quiz at IIT Madras, the attribute event date is June 6, 2023, the attribute winning position is first, and the attribute awardee is Ramya Palaparthi from 3/4 B.Tech CSE. The attribute conference is International

Conference on Data Science & Information Systems, the attribute venue is Malnad College of Engineering, the attribute event date is May 17, 2024, the attribute award title is Best Paper Award, and the attribute awardees are G. Hanumanth Rishi and N. Chaitanya Varshit. The attribute conference is International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, the attribute venue is BNM Institute of Technology, Bengaluru, the attribute event date is January 16, 2025, the attribute award title is Best Paper Award, and the attribute awardees are D. Neelima and M. Jaswanthi. These attributes collectively demonstrate strong student performance in global research challenges, national hackathons, and competitive academic events.

Further Student Achievements, Hackathon Wins, and Innovation Awards for Academic Year 2023–24

The Department of Computer Science and Engineering recorded additional student accomplishments during the academic year 2023–24 across hackathons, innovation challenges, literary competitions, and institutional recognitions. The attribute national hackathon is Tech Hacks Hackathon, the attribute event date is December 23, 2023, the attribute venue is BVRIT, Narsapur, the attribute winning position is first, the attribute cash prize amount is ₹10,000, and the attribute awardees are B. Phani Praharsha and Jampani L. N. K. Surya Sri Charan. The attribute national hackathon is Epitome 2k24, the attribute venue is GRIET, Hyderabad, the attribute event dates are March 1–2, 2024, the attribute winning position is first, the attribute cash prize amount is ₹10,000, and the attribute awardees are Satwik Panda, JL N. K. Surya Si Charan, K. Mohit Reddy, and B. Phani Praharsha. The attribute national hackathon is Epitome 2k24, the attribute venue is GRIET, Hyderabad, the attribute event date is March 2, 2024, the attribute winning position is second, the attribute cash prize amount is ₹5,000, and the attribute awardees are R. Sivamsh Pavan, M. Venkatesh, M. Ram Leeladhar, and E. Kamal. The attribute innovation competition is EduForge: Tech-Powered Solutions for Work Integrated Learning Students, the attribute venue is BITS Pilani Hyderabad Campus, the attribute event date is April 16, 2024, the attribute position secured is fourth, and the attribute awardees are V. Hema Vighnesh and Sk. Rizwaan from 2/4 B.Tech CSE. The attribute literary recognition is India's Youngest Poet 2023, the attribute award date is September 30, 2023, the attribute venue is Indian Film House, and the attribute awardee is P. Sri Aneelaja Devasena. These achievements collectively represent student excellence across innovation, competitive programming, academic challenges, and creative pursuits.

Student Achievements, Hackathon Participation, and Competitive Outcomes for Academic Year 2022–23

The Department of Computer Science and Engineering documented extensive student participation and achievement during the academic year 2022–23 across hackathons, conferences, innovation programs, and national-level competitions. The attribute total prizes won is 153, the attribute total participations is 822, the attribute participations in IITs and NITs is 97, the attribute conference participations count is 235, the attribute hackathon participations count is 87, and the attribute other participations count is 250, indicating broad engagement. The attribute MSME Hackathon project is Mana Ration, the attribute financial assistance received is ₹15,00,000, and the attribute

beneficiary is Avoor Khayim Ahmed from 3/4 B.Tech CSE. The attribute international innovation program is the Silicon Valley Meet – UIF University Innovation Fellows Program 2022, the attribute organizing institution is Stanford University's Hasso Plattner Institute of Design (d.school), and the attribute participant is Rishita N. Durga Shreya M from 3/4 B.Tech. The attribute state-level recognition is APSCHE Excellence Awards 2023 – Best Student of the Year category, and the attribute awardee is S. Hemasri from 3/4 B.Tech. The attribute national hackathon is CentuRITon, the attribute organizing institution is Ramaiah Institute of Technology, the attribute winning position is first, the attribute cash prize amount is ₹50,000, and the attribute awardees are Y. Sai, S. Hemasri, and P. Anil from 3/4 B.Tech. The attribute national hackathon is Virtusa Neural Hack – Season 6, the attribute winning position is second, and the attribute awardee is K. Swetha from 4/4 B.Tech. The attribute national hackathon is TNT 2022 – The Number Thing 22, the attribute event date is December 31, 2022, the attribute organizing company is LatentView Analytics, the attribute winning position is first, the attribute cash prize amount is ₹10,000, and the attribute awardee is Lokesh Chandaka from 3/4 B.Tech. These attributes collectively capture the competitive reach and recognition earned by students during the academic year 2022–23.

Additional Student Achievements, Hackathon Finalists, and Competitive Recognitions for Academic Year 2022–23

The Department of Computer Science and Engineering recorded further student achievements during the academic year 2022–23 across national hackathons, innovation challenges, youth parliament activities, and institutional competitions. The attribute national hackathon is E Summit – Case Study Challenge, the attribute organizing institute is IIT Bhubaneswar, the attribute event date is October 15, 2022, the attribute winning position is first, and the attribute awardees are Ch. Venkata Kalyan and T. Uday Gopi Sai Ram from 3/4 B.Tech. The attribute national hackathon is E Summit – Case Study Challenge, the attribute organizing institute is IIT Bhubaneswar, the attribute event date is October 15, 2022, the attribute winning position is second, and the attribute awardees are VVSN Akhila Sree Rajeswari and Y. Deepak Phaneendra from 3/4 B.Tech. The attribute national hackathon is Prajwalan – Android Track, the attribute organizing institution is SRKR Engineering College, the attribute winning position is third, and the attribute awardees are A. Hari Sai Babu, Ch. Kushal Kumar, P. Pavan Kumar, and V. Venkata Reddy from 3/4 B.Tech. The attribute district-level youth parliament recognition is Best Troubleshooter Award, the attribute organizing body is Nehru Yuva Kendra, Government of India, the attribute award year is 2023, and the attribute awardee is P. Praveen Kumar from 2/4 B.Tech. The attribute district-level youth festival event is Elocution, the attribute organizing body is District Youth Festival 2022, the attribute winning position is third, and the attribute awardee is G. KNSL Prakash from 2/4 B.Tech. The attribute national hackathon is Hackathon 2023, the attribute organizing institution is PVP Siddhartha Institute of Technology, the attribute winning position is second, and the attribute awardees are Y. Sai, S. Hemasri, and P. Anil from 3/4 B.Tech. The attribute district-level youth parliament recognition is Best Social Consciousness Award, the attribute organizing body is Nehru Yuva Kendra, Government of India, and the attribute awardees are A. J. Akash and Aneelaja Devasena from 3/4 B.Tech. These achievements further demonstrate consistent

student participation and recognition across competitive and civic engagement platforms during the academic year 2022–23.

Department Infrastructure and Computing Facility Overview

The Department of Computer Science and Engineering is supported by a comprehensive physical and digital infrastructure designed to facilitate academic instruction, research, and innovation. **The attribute total number of laboratories is multiple specialized computing laboratories**, each dedicated to specific academic and research functions. **The attribute laboratory purpose includes programming practice, data analytics, artificial intelligence experimentation, machine learning model development, cybersecurity simulations, and software engineering exercises**. **The attribute computing infrastructure includes high-performance desktop systems**, which are used for course-based laboratories, student project execution, and faculty-guided research activities. **The attribute operating systems supported include both Windows-based and Linux-based environments**, enabling exposure to diverse development ecosystems. **The attribute software tools installed include programming languages, integrated development environments, database management systems, and simulation tools**, all aligned with curriculum requirements and research objectives. **The attribute internet connectivity is high-speed and campus-wide**, supporting uninterrupted access to online learning platforms, cloud resources, research databases, and collaborative tools. **The attribute power backup facility is available**, ensuring continuity of laboratory sessions and research work during power interruptions. This infrastructure framework provides students and faculty with a stable, scalable, and modern computing environment necessary for both academic delivery and advanced research activities.

Specialized Laboratories, Equipment, and Research-Oriented Facilities

The department houses specialized laboratories that support advanced instruction and domain-specific research initiatives. **The attribute specialized lab focus areas include Artificial Intelligence, Machine Learning, Data Science, Cyber Security, Internet of Things, and Software Engineering**. **The attribute laboratory equipment includes networked computer systems, server-class machines, and peripheral devices**, which support experimentation in distributed computing and secure systems. **The attribute cybersecurity facility supports hands-on training in threat analysis, secure communication, and forensic investigation techniques**. **The attribute research lab usage includes faculty-led funded projects and student research experiments**, enabling translation of theoretical models into deployable systems. **The attribute lab accessibility is provided to undergraduate, postgraduate, and doctoral students**, ensuring inclusive academic participation. **The attribute maintenance responsibility is handled by designated hardware technicians and junior programmers**, ensuring continuous operational readiness. These laboratories collectively form the backbone of applied learning and research execution within the department, directly supporting curriculum delivery and externally funded project work.

Digital Learning Resources, Innovation Spaces, and Institutional Facilities

In addition to physical laboratories, the department is supported by digital learning and innovation-centric facilities. **The attribute innovation facility includes institutional Centers of Excellence and innovation hubs**, which provide space for prototype development, interdisciplinary collaboration, and startup-oriented activities. **The attribute digital learning resources include access to online journals, research databases, e-learning platforms, and software repositories**, enabling continuous academic enrichment. **The attribute seminar and conference facilities include smart classrooms and presentation halls**, which are used for guest lectures, workshops, faculty development programs, and student research presentations. **The attribute project development spaces are available for final-year projects and funded research work**, supporting collaborative development and testing. **The attribute institutional support facilities include administrative offices and technical support units**, which assist in academic coordination and resource management. These facilities collectively enhance the department's capability to deliver outcome-oriented education, foster innovation, and sustain research productivity.

Research Centers and Centers of Excellence Overview and Purpose

The Department of Computer Science and Engineering operates dedicated research centers and Centers of Excellence to support advanced study, funded research execution, and interdisciplinary innovation. **The attribute purpose of the research centers is to facilitate focused research, prototype development, and technology validation in emerging computing domains**. The attribute alignment objective is synchronization with national research priorities and industry-relevant problem statements. **The attribute users of the centers include undergraduate students, postgraduate students, doctoral scholars, and faculty researchers**, ensuring inclusive access to research infrastructure. **The attribute activities conducted include funded project implementation, student research mentoring, publication development, patent filing support, and advanced technical training**. The attribute governance model includes faculty coordinators and principal investigators, who oversee academic rigor, compliance with funding agency requirements, and outcome tracking. These research centers function as structured platforms that translate classroom learning into measurable research outputs and externally visible innovations.

K. V. Rao Centre for Cybersecurity and Digital Forensics Attributes

The department hosts a dedicated center focused on cybersecurity and forensic computing. **The attribute center name is K. V. Rao Centre for Cybersecurity and Digital Forensics**. The attribute inauguration date is December 26, 2025. The attribute academic focus includes cybersecurity education, digital forensics analysis, secure systems design, and cybercrime investigation techniques. The attribute usage includes hands-on laboratory training, faculty-led research projects, and student project development. The attribute beneficiaries include undergraduate and postgraduate students enrolled in cybersecurity-related programs and research scholars working on information security topics. **The attribute institutional role is to strengthen cyber defense education and applied security research**, supporting both academic learning and real-world digital safety requirements. This center serves

as a specialized environment for developing skills in cyber resilience, forensic evidence analysis, and secure computing practices.

Centers of Excellence Supporting AI, Data Science, and Emerging Technologies

The Department of Computer Science and Engineering maintains Centers of Excellence dedicated to advanced computational domains. **The attribute focus areas include Artificial Intelligence, Machine Learning, Data Science, Remote Sensing Analytics, and Intelligent Systems.** The attribute operational role includes supporting externally funded research projects, advanced student internships, and interdisciplinary experimentation. The attribute learning model emphasizes experiential learning through datasets, simulation environments, and applied problem-solving. The attribute collaboration scope includes academic partnerships, industry interaction, and participation in national and international research initiatives. The attribute outcome expectations include high-quality research publications, prototype systems, student skill enhancement, and innovation-driven outputs. These Centers of Excellence collectively enhance the department's research capacity, promote technology leadership, and provide structured pathways for students and faculty to engage in cutting-edge computational research while contributing to societal and industrial needs.

Industry Collaborations and Strategic Partnership Framework

The Department of Computer Science and Engineering maintains structured industry collaborations to ensure academic relevance, skill alignment, and applied research engagement. **The attribute purpose of industry collaborations is to bridge academic learning with real-world technological requirements.** The attribute collaboration model includes academic partnerships, joint research initiatives, curriculum enrichment, and student skill development programs. The attribute beneficiaries of these collaborations include undergraduate students, postgraduate students, faculty researchers, and doctoral scholars, enabling broad participation. The attribute outcomes include enhanced employability, exposure to industry-grade tools, and problem-solving experience based on live industry use cases. **The attribute coordination responsibility lies with designated faculty members and institutional leadership,** ensuring alignment with academic objectives and compliance with partnership goals. These collaborations form a foundational layer that connects classroom instruction with professional practice and emerging industry needs.

Collaboration with Google and Institutional Partnership Attributes

The department has established a formal collaboration with a global technology organization. **The attribute industry partner is Google. The attribute collaborating institution is Siddhartha Academy of Higher Education. The attribute collaboration date is August 8, 2025. The attribute collaboration objective includes academic enrichment, exposure to advanced technologies, and industry-oriented skill development. The attribute beneficiaries include students and faculty members of the Department of Computer Science and Engineering,** who gain access to industry insights, tools, and learning opportunities associated with the collaboration. This partnership reflects the department's commitment to aligning academic programs with globally relevant technological ecosystems.

Industry Engagements Supporting Training, Internships, and Research Exposure
The department actively engages with industry organizations to support training programs, internships, and research exposure for students. **The attribute engagement types include internships, expert lectures, workshops, and collaborative research activities.** The attribute training focus areas include software development, artificial intelligence, data analytics, cybersecurity, and emerging computing technologies. The attribute internship facilitation supports student placement readiness and experiential learning. The attribute research engagement includes industry-guided problem statements and applied solution development. The attribute long-term impact includes strengthened industry trust, improved graduate outcomes, and sustained academic–industry interaction. These engagements collectively enhance the department’s capability to produce industry-ready graduates while maintaining academic depth and research orientation.

Innovation Hub and Institutional Startup Ecosystem Overview

The Department of Computer Science and Engineering actively promotes innovation and entrepreneurship through a structured innovation ecosystem supported by institutional facilities and external partnerships. **The attribute purpose of the innovation hub is to encourage ideation, prototype development, and startup formation among students and faculty members.** The attribute participants include undergraduate students, postgraduate students, doctoral scholars, and faculty innovators, enabling cross-level collaboration. The attribute activities supported include problem identification, solution design, proof-of-concept development, and early-stage product validation. The attribute institutional support includes access to infrastructure, faculty mentorship, and administrative facilitation, ensuring continuity from idea inception to implementation. **The attribute alignment includes national innovation initiatives and entrepreneurship development programs,** positioning the department within broader innovation frameworks. This innovation hub functions as a catalyst for transforming academic knowledge into viable technological solutions and entrepreneurial ventures.

Startup Incubation, Funding Support, and Student Entrepreneurship Attributes

The department has enabled student-led startups and innovation teams to access structured incubation and funding opportunities. **The attribute incubation program is BUILD Incubation Cohort, the attribute incubator is IIT Hyderabad ITIC Incubator, the attribute number of startups incubated is two, and the attribute funding amount per startup is ₹1,00,000,** reflecting institutional linkage with a national incubation platform. **The attribute innovation funding source includes MSME Hackathon programs, the attribute funded project name is Mana Ration, the attribute funding amount received is ₹15,00,000, and the attribute beneficiary is Avoor Khayim Ahmed,** indicating successful translation of student innovation into funded outcomes. **The attribute women-led innovation initiative is MSME Women Hackathon 3.0, the attribute beneficiaries are Shaik Sheeba Sultana and Parisa Aslesha, and the attribute funding amount received is ₹15,00,000,** demonstrating inclusive entrepreneurial support. These attributes highlight concrete pathways through which student ideas progress into funded and incubated ventures.

Entrepreneurship Development Activities and Innovation Culture Outcomes

The department sustains an innovation-driven culture through continuous entrepreneurship development activities. **The attribute entrepreneurship development activities include hackathons, innovation challenges, startup bootcamps, and mentorship sessions.** The attribute mentorship providers include faculty members and external experts, ensuring technical and business guidance. **The attribute skill outcomes include problem-solving ability, product thinking, teamwork, and entrepreneurial mindset development.** The attribute innovation recognition includes awards, national-level selections, and funded project outcomes, validating the effectiveness of the innovation ecosystem. **The attribute long-term outcome is the creation of technology-driven startups and innovation-ready graduates,** aligned with industry and societal needs. Collectively, these attributes demonstrate a sustained institutional commitment to nurturing entrepreneurship and converting academic expertise into impactful innovations.

Guest Lectures, Expert Talks, and Academic Enrichment Sessions Overview

The Department of Computer Science and Engineering regularly conducts guest lectures and expert talks to enhance academic exposure and align student learning with emerging technological trends. **The attribute purpose of guest lectures is to supplement curriculum knowledge with expert insights from academia, industry, and research organizations.** The attribute target audience includes undergraduate students, postgraduate students, research scholars, and faculty members, ensuring broad academic impact. **The attribute thematic focus areas include emerging computing technologies, advanced research domains, industry practices, and future skill requirements.** The attribute delivery mode includes in-person sessions and structured academic interactions, enabling direct engagement between participants and subject experts. **The attribute academic outcome includes improved conceptual clarity, awareness of real-world applications, and exposure to contemporary research directions.** These guest lectures serve as a critical mechanism for bridging theoretical instruction with evolving professional and research landscapes.

Notable Guest Lecture Events and Expert Interaction Attributes

The department has hosted high-impact guest lectures on specialized and forward-looking topics. **The attribute guest lecture topic is Quantum Computing,** reflecting engagement with next-generation computational paradigms. **The attribute guest lecture date is January 1, 2026,** indicating recent academic activity in advanced research areas. **The attribute objective of the lecture is to introduce fundamental concepts, research challenges, and application potential associated with quantum technologies.** The attribute beneficiaries include students and faculty members of the Department of Computer Science and Engineering, who gained exposure to emerging computation models and research opportunities. Such expert interactions contribute to curriculum enrichment and foster interest in advanced research and interdisciplinary exploration.

Faculty Development Programs, Workshops, and Skill Enhancement Activities

The department actively conducts and participates in Faculty Development Programs and workshops to strengthen teaching quality and research capability. **The attribute purpose of**

faculty development programs is continuous professional upskilling and pedagogical enhancement. The attribute organizing bodies include national agencies, academic institutions, and research organizations, ensuring structured and credible program delivery. The attribute focus areas include emerging technologies, research methodologies, curriculum design, and advanced computational tools. The attribute participants include faculty members and academic contributors, enabling knowledge transfer and institutional capacity building. The attribute long-term impact includes improved instructional quality, enhanced research output, and updated academic practices, directly benefiting student learning outcomes. These workshops and development programs collectively sustain academic excellence and ensure that teaching and research practices remain aligned with current and future technological demands.

CSE Laboratory Infrastructure, Lab Numbers, Facilities, and Functional Capabilities

The Department of Computer Science and Engineering houses multiple specialized laboratories, each identified by an official laboratory number and designed for specific academic, research, and training purposes. The laboratory name is CSE LAB-129, and the attribute laboratory number is 129. The attribute laboratory purpose is major project development, faculty-led research activities, and publication support. The attribute supported academic areas include Advanced Data Structures, Data Mining, Data Analytics, High Performance Computing, and Cloud Computing applications. The attribute system configuration includes high-end computer systems, enabling research-grade experimentation and computation-intensive workloads. The laboratory name is CSE LAB-130, and the attribute laboratory number is 130. The attribute laboratory title is Database and Web Technology Laboratory. The attribute industry collaboration partner is Oracle, and the attribute collaboration program is the Oracle Workforce Development Program (WDP). The attribute laboratory facilities include official Oracle technologies, Oracle Cloud training infrastructure, and certification support. The attribute laboratory usage includes database-centric projects, Oracle application development, and web technology practical sessions. The laboratory name is CSE LAB-131, and the attribute laboratory number is 131. The attribute laboratory focus is minor and major project development. The attribute supported programming environments include Java Programming and Python Programming, along with intensive coding practice environments. The laboratory name is CSE LAB-132, and the attribute laboratory number is 132. The attribute laboratory purpose is identical to CSE LAB-131, with full support for major and minor projects, Java Programming, Python Programming, and advanced coding practices. The laboratory name is CSE LAB-133, and the attribute laboratory number is 133. The attribute laboratory title is Embedded Systems and IoT Laboratory. The attribute hardware facilities include microcontroller trainer kits, interfacing modules, Raspberry Pi development boards, and a wide range of IoT kits. The attribute laboratory usage includes microprocessor applications, embedded system design, and Internet of Things project implementation. The laboratory name is CSE LAB-428, and the attribute laboratory number is 428. The attribute laboratory title is Artificial Intelligence and Machine Learning Laboratory. The attribute supported courses include Advanced Data Structures and Algorithms, Object-Oriented Programming through Java, Database Management Systems, Full Stack Development, Deep Learning, Data Mining, Big Data Analytics, Business Intelligence, Data Visualization, User Interface Design using Flutter, and Android Application Development.

The laboratory name is CSE LAB-528, and the attribute laboratory number is 528. The attribute laboratory focus is foundational computing education. The attribute supported areas include core programming concepts, Object-Oriented Programming through Java, Design Thinking and Innovation, analytical reasoning, and computational thinking. The laboratory name is CSE LAB-529, and the attribute laboratory number is 529. The attribute laboratory title is Advanced Artificial Intelligence, Data Science, and Machine Learning Laboratory. The attribute supported courses include Data Science using Python, Data Warehousing and Machine Learning, Deep Learning and Natural Language Processing, and Big Data Analytics. The attribute system capability includes high-performance computing systems and modern AI/ML frameworks.

Across all laboratories, the attribute hardware infrastructure includes 267 HP ProOne 600 G6 and G5 All-in-One desktop systems with Intel Core i7 9th and 10th Generation processors, 1TB hard disk storage, 16GB DDR4 RAM, AMD Radeon 530 2GB graphics cards, Full HD displays, and integrated LAN connectivity. The attribute networking infrastructure includes Cisco SG-95 and SG-350X Gigabit Switches, structured CAT-6 LAN cabling, and Cisco Access Points for campus-wide Wi-Fi coverage. The attribute wireless infrastructure includes 8 TP-Link EAP-660 HD Wi-Fi Access Points. The attribute power infrastructure includes NUMARIC 10KVA UPS systems with SMF batteries, ensuring uninterrupted laboratory operation. The attribute classroom and lab presentation equipment includes ViewSonic and Epson projectors, and the attribute environmental facility includes Daikin 4.15 TR Cassette Air Conditioning units. The attribute software licensing includes fully licensed software under the Microsoft Campus Agreement, and the attribute laboratory architecture follows a robust client-server model across all labs.

Alumni Achievements, Professional Milestones, and Contribution Attributes

The alumnus Avoor Khayim Ahmed's academic background is B.Tech Computer Science and Engineering, and the alumnus Avoor Khayim Ahmed's student status during the achievement is third year. The attribute alumni innovation project name is Mana Ration, and the attribute funding source is MSME Hackathon. The attribute funding amount received by the alumnus Avoor Khayim Ahmed is ₹15,00,000, and the attribute contribution is the development of a public distribution system-focused digital solution, which later transitioned into a funded innovation initiative.

The alumna Shaik Sheeba Sultana's academic background is B.Tech Computer Science and Engineering, and the alumna Shaik Sheeba Sultana's participation event is MSME Women Hackathon 3.0. The attribute innovation funding amount received by the alumna Shaik Sheeba Sultana is ₹15,00,000, and the attribute role includes women-led innovation and entrepreneurship development.

The alumna Parisa Aslesha's academic background is B.Tech Computer Science and Engineering, and the alumna Parisa Aslesha's contribution is participation in MSME Women Hackathon 3.0, with the attribute funding amount being ₹15,00,000, jointly awarded for innovation output.

The alumna G. Sai Varshitha's academic background is Final Year Computer Science and Engineering, and the alumna G. Sai Varshitha's alumni recognition event is Code for Good,

which is **organized by JP Morgan Chase**, indicating industry-level competitive exposure. The alumnus **Shaik Hamad's academic background is Final Year Computer Science and Engineering**, and the alumnus **Shaik Hamad's alumni participation is Code for Good 2024**, reflecting alumni involvement in socially impactful corporate hackathons.

Alumni Participation in International and National Innovation Programs

The alumna **Rishita N. Durga Shreya M's academic background is B.Tech Computer Science and Engineering**, and the alumna **Rishita N. Durga Shreya M's international program participation is the Silicon Valley Meet – UIF University Innovation Fellows Program 2022**. The attribute organizing institution is Stanford University's Hasso Plattner Institute of Design (d.school), and the attribute alumni exposure includes international innovation ecosystems and design thinking methodologies.

The alumnus **Y. Sai's academic background is B.Tech Computer Science and Engineering**, and the alumnus **Y. Sai's national hackathon achievement is CentuRITon**, which is organized by Ramaiah Institute of Technology. The attribute position secured is first, and the attribute cash prize amount is ₹50,000, demonstrating alumni excellence in competitive innovation.

The alumna **S. Hemasri's academic background is B.Tech Computer Science and Engineering**, and the alumna **S. Hemasri's alumni recognition is APSCHE Excellence Awards 2023**, under the category Best Student of the Year, reflecting academic and extracurricular distinction.

The alumnus **P. Anil's academic background is B.Tech Computer Science and Engineering**, and the alumnus **P. Anil's alumni contribution is participation in the CentuRITon national hackathon**, with the attribute achievement being first position and a cash prize of ₹50,000.

Alumni Contribution Through Research, Hackathons, and Innovation Culture

The alumna **K. Swetha's academic background is Final Year B.Tech Computer Science and Engineering**, and the alumna **K. Swetha's alumni achievement is second position in Virtusa Neural Hack – Season 6**, indicating alumni-level industry hackathon success.

The alumnus **Lokesh Chandaka's academic background is B.Tech Computer Science and Engineering**, and the alumnus **Lokesh Chandaka's competition participation is TNT 2022 – The Number Thing 22**, which is organized by LatentView Analytics. The attribute position secured is first, and the attribute cash prize amount is ₹10,000, reflecting analytics and problem-solving expertise.

The alumna **S. Hemasri's alumni role extends to national hackathon participation**, and the alumna **S. Hemasri's additional contribution includes team-based innovation and problem-solving in competitive platforms**, as explicitly documented.

These alumni contributions collectively demonstrate **post-student professional readiness, innovation capability, and continued representation of the Department of Computer Science and Engineering in national and international platforms**, as reflected directly in documented alumni-linked achievements.

Department Governance Structure and Academic Leadership Attributes

The Department of Computer Science and Engineering operates under a defined academic governance framework aligned with institutional and university regulations. **The attribute Head of the Department is Dr. D. Rajeswara Rao, and the attribute designation of Dr. D. Rajeswara Rao is Professor and Head of the Department of Computer Science and Engineering.** The attribute administrative responsibility of the Head of the Department includes academic planning, faculty coordination, curriculum implementation, and departmental administration. The attribute institutional leadership role additionally held by **Dr. D. Rajeswara Rao is Dean – Industry Relations, Training and Placements**, indicating cross-departmental governance responsibility. **The attribute governance scope includes oversight of teaching activities, research execution, student development initiatives, and industry interaction programs.** This leadership role forms the apex of departmental governance and decision-making.

Academic Planning, Curriculum Oversight, and Quality Assurance Functions

The department follows structured academic governance mechanisms to ensure curriculum delivery and quality assurance. **The attribute academic planning function includes implementation of approved syllabus structures, scheduling of theory and laboratory courses, and monitoring of academic calendars.** The attribute curriculum governance responsibility includes adherence to outcome-based education principles and university-prescribed academic regulations. **The attribute quality assurance function includes monitoring of teaching effectiveness, student performance, and continuous improvement processes.** The attribute examination governance includes internal assessment coordination, end-semester examination compliance, and evaluation procedures as prescribed by the university. These academic governance functions collectively ensure consistency, compliance, and academic rigor across all programs offered by the department.

Research Governance, Funded Project Oversight, and Ethics Compliance

The Department of Computer Science and Engineering maintains governance mechanisms for research and development activities. **The attribute research governance includes oversight of externally funded projects sanctioned by national and international agencies**, such as ISRO, AICTE, ANRF, MSME, and IEEE bodies. **The attribute research monitoring responsibility includes compliance with funding agency guidelines, financial utilization norms, and project timelines.** The attribute research leadership is exercised by designated principal investigators, whose roles include project execution, reporting, and research outcome dissemination. **The attribute research ethics responsibility includes ensuring responsible conduct of research, publication ethics, and academic integrity.** These governance mechanisms ensure accountability, transparency, and quality in all research activities conducted under the department.

Industry Interaction, Training, and Placement Governance

The department maintains structured governance for industry interaction and student placement activities. **The attribute industry interaction governance includes coordination of industry collaborations, internships, expert lectures, and training programs.** **The attribute placement governance responsibility includes student training, recruitment coordination, and employer engagement**, which is institutionally aligned under the Dean – Industry Relations, Training and Placements. **The attribute governance outcome includes facilitation of placement offers, internship opportunities, and industry-aligned skill development initiatives.** This governance layer ensures that industry engagement is systematically integrated into academic delivery and student career development.

Student Development, Innovation, and Extracurricular Governance

The department supports governance mechanisms related to student innovation and extracurricular development. **The attribute innovation governance includes oversight of hackathon participation, startup incubation support, and funded student innovation projects.** **The attribute student development governance includes coordination of technical competitions, research participation, and professional skill enhancement activities.** **The attribute institutional alignment includes collaboration with innovation hubs, incubation centers, and national innovation programs.** These governance functions ensure structured support for student-led innovation and holistic development beyond classroom instruction.

Academic Programs Covered Under the CSE Syllabus Framework

The attribute academic programs offered by the Department of Computer Science and Engineering include **B.Tech in Computer Science and Engineering, B.Tech in Computer Science and Engineering with Artificial Intelligence and Data Science, B.Tech in Computer Science and Engineering with Artificial Intelligence and Machine Learning, M.Tech in Cyber Security, and Ph.D. in Computer Science and Engineering.**

The attribute governing institution for these programs is **Siddhartha Academy of Higher Education**, and **the attribute academic structure follows university-approved regulations applicable to each admitted batch.**

Undergraduate B.Tech CSE Syllabus Structure and Curriculum Components

The attribute syllabus structure for B.Tech Computer Science and Engineering is **semester-based**, spanning **eight semesters across four academic years**.

The attribute curriculum components include **core theory courses, core laboratory courses, professional elective courses, open elective courses, mandatory project work, and internship or industry exposure components where applicable.**

The attribute foundational subjects in the curriculum include **Programming for Problem**

Solving, Data Structures, Design and Analysis of Algorithms, Discrete Mathematics, Digital Logic Design, Computer Organization, Operating Systems, Database Management Systems, Computer Networks, and Software Engineering.

The attribute advanced and emerging technology subjects include **Artificial Intelligence, Machine Learning, Data Science, Big Data Analytics, Deep Learning, Cloud Computing, Internet of Things, Cyber Security, and Mobile Application Development**, as explicitly referenced in laboratory and course mappings.

The attribute laboratory alignment ensures that **each major theory subject has a corresponding practical laboratory**, enabling hands-on implementation of concepts taught in classrooms.

Specialization Syllabi: CSE (AI & DS) and CSE (AI & ML)

The attribute specialization program is **B.Tech CSE with Artificial Intelligence and Data Science**, and the attribute curriculum emphasis is on data-centric computing and intelligent analytics.

The attribute specialization subjects include **Data Science using Python, Data Warehousing, Machine Learning, Deep Learning, Natural Language Processing, Big Data Analytics, Business Intelligence, and Data Visualization**, which are explicitly supported by laboratory facilities such as CSE LAB-428 and CSE LAB-529.

The attribute specialization program is **B.Tech CSE with Artificial Intelligence and Machine Learning**, and the attribute curriculum focus is algorithmic intelligence and predictive modeling.

The attribute specialization content includes **Advanced Machine Learning, Neural Networks, Deep Learning Architectures, AI Algorithms, and Applied AI Project Work**, with full laboratory and project support.

Postgraduate M.Tech Cyber Security Curriculum Structure

The attribute postgraduate program is **M.Tech in Cyber Security**, and the attribute program duration is two academic years.

The attribute curriculum focus areas include **Network Security, Cryptography, Secure Systems Design, Cyber Forensics, Risk Management, and Security Analytics**.

The attribute academic support infrastructure includes the **K. V. Rao Centre for Cybersecurity and Digital Forensics**, which provides laboratory and applied research facilities aligned with the M.Tech syllabus.

The attribute curriculum structure includes **advanced theory courses, specialized laboratory courses, seminar components, and a mandatory dissertation or thesis project**.

Doctoral Ph.D. Program Academic Structure

The attribute doctoral program offered is **Ph.D. in Computer Science and Engineering**.

The attribute Ph.D. academic requirements include **coursework as prescribed by the university, comprehensive examinations, original research work, and submission of a**

doctoral thesis.

The attribute research domains supported include **Artificial Intelligence, Machine Learning, Remote Sensing and Geospatial Analytics, Cyber Security, Data Science, and Applied Computing**, as evidenced by funded research projects and publications.

Credit System, Assessment, and Evaluation Regulations

The attribute academic credit system follows **university-defined credit allocation norms** for theory courses, laboratory courses, and project work.

The attribute assessment methodology includes **Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE)**.

The attribute internal evaluation components include **mid-term examinations, assignments, laboratory evaluations, and project reviews**, as applicable to the course type.

The attribute grading system follows **letter grades and grade point averages**, as prescribed by Siddhartha Academy of Higher Education regulations.

The attribute promotion and progression rules include **minimum attendance requirements, minimum passing criteria for each course, and credit completion requirements for semester advancement**.

Project Work, Internship, and Capstone Requirements

The attribute undergraduate project requirement includes **minor project work and major project work**, typically undertaken in later semesters.

The attribute project execution environment includes **CSE LAB-129, CSE LAB-131, and CSE LAB-132**, which explicitly support minor and major project development.

The attribute project evaluation includes **periodic reviews, final project demonstrations, and viva-voce examinations**.

The attribute industry and research exposure includes **internships, industry projects, and funded student research projects**, which are integrated into academic progression where applicable.

Health care center:

The [Velagapudi Ramakrishna Siddhartha Engineering College \(VRSEC\) Medical Dispensary](#) provides on-campus healthcare services. For general inquiries or to reach the college administration, you can contact the main office at **0866-2582333**. The dispensary is located on campus to serve students and staff

Results can be viewed through:

visit the official college website and navigate to the "University Updates" or "Results" section under the CSE department page

CSE Placements Overview, Institutional Context, and Governance Attributes

The attribute institution name is Siddhartha Academy of Higher Education, Deemed to be University. The attribute academic unit is V R Siddhartha School of Engineering. The attribute department name is the Department of Computer Science and Engineering. The attribute placements section title is CSE Placements – Siddhartha University. The attribute institutional focus includes engineering, technology, management, law, arts, commerce, and sciences. The attribute educational philosophy emphasizes critical thinking, creativity, ethical leadership, innovation, and lifelong learning. The attribute placements governance unit is Industry Relations,

Training and Placements. The attribute placement leadership role is Head – Industry Relations Training & Placements. The attribute placement head name is Mr. K. Srinivas. The attribute official placement contact email is tpo@siddhartha.edu.in. The attribute additional placement

contact email is placements@vrsiddhartha.ac.in. The attribute placement contact phone numbers are 9440219816 and 8919854050. The attribute placement policy reference exists under the institutional placements policy section. The attribute placement insights are provided through officially published placement insight documents and annual placement reports.

CSE Placement Statistics by Academic Year and Salary Attributes

The attribute placement statistics are presented academic year-wise for the Department of Computer Science and Engineering. The attribute academic year is 2024–2025, and the attribute total offers count is 534. The attribute number of offers above 10 LPA for the academic year 2024–2025 is 27. The attribute number of offers above 5 LPA for the academic year 2024–2025 is 132. The attribute highest salary for the academic year 2024–2025 is 48 LPA. The attribute average salary for the academic year 2024–2025 is 5.09 LPA. The attribute academic year is 2023–2024, and the attribute total offers count is 348. The attribute number of offers above 10 LPA for the academic year 2023–2024 is 28. The attribute number of offers above 5 LPA for the academic year 2023–2024 is 111. The attribute highest salary for the academic year 2023–2024 is 52.6 LPA. The attribute average salary for the academic year 2023–2024 is 6.1 LPA. The attribute academic year is 2022–2023, and the attribute total offers count is 314. The attribute number of offers above 10 LPA for the academic year 2022–2023 is 47. The attribute number of offers above 5 LPA for the academic year 2022–2023 is 204. The attribute highest salary for the academic year 2022–2023 is 46 LPA. The attribute average salary for the academic year 2022–2023 is 7.3 LPA. The attribute placement reports are available through official PDF documents for each academic year.

CSE Placement Outcomes and Selection Performance Attributes for A.Y. 2024–25

The attribute academic year for detailed placement outcomes is 2024–2025. The attribute total eligible students count is 188. The attribute total offers count is 408. The attribute total selected students count is 182. The attribute selection percentage is 85.04 percent. The attribute highest salary recorded is 48.00 LPA. The attribute average salary recorded is 6.50 LPA. The attribute lowest salary recorded is 3.60 LPA. These placement outcomes represent consolidated results from product-based and software-based companies that participated in the placement process for the Department of Computer Science and Engineering.

Latest placement Update:

For the 2025 placement season, Velagapudi Ramakrishna Siddhartha Engineering College (VRSEC) achieved a highest package of ₹52.60 LPA (some reports state ₹23-44 LPA) with 372+ job opportunities recorded early in the cycle. Top recruiters for the 2025 batch include Juspay (up to ₹27 LPA), Morgan Stanley (₹10.20 LPA), AT&T (₹16 LPA), Accenture, and Capgemini. Average packages remain steady around ₹5 LPA

- **Total Offers: 372+ offers have been made in early reports for 2025.**
- **Top Recruiters: Juspay Technologies, Morgan Stanley, AT&T, Accenture, Capgemini, and Deloitte.**

Company-Wise Placement Data, Package Offered, and Selection Attributes for A.Y. 2024–25

The attribute company name is AMAZON, the attribute nature of company is Product, the attribute package offered is 48 LPA, and the attribute number of selected students is 2. The attribute company name is JUSPAY TECHNOLOGIES, the attribute nature of company is Product, the attribute package offered is 27 LPA, and the attribute number of selected students is 2. The attribute company name is JP MORGAN CO & CHASE, the attribute nature of company is Product, the attribute package offered is 19.75 LPA, and the attribute number of selected

Placement Percentage: 37.32% in 2025 (note: this is likely early, with 2024 seeing 81-87% placement).

Previous Year Data (2023-24)

- **Total Offers (2023-24):** 1,246.
- **CSE Specific (2023-24):** 320 offers.

students is 1. The attribute company name is CISCO, the attribute nature of company is Product, the attribute package offered is 17.97 LPA, and the attribute number of selected students is 2. The attribute company name is AT&T, the attribute nature of company is Product, the attribute package offered is 16 LPA, and the attribute number of selected students is 7. The attribute company name is IBM, the attribute nature of company is Product, the attribute package offered is 11 LPA, and the attribute number of selected students is 2. The attribute company name is MICROSOFT, the attribute nature of company is Product, the attribute package offered is 11 LPA, and the attribute number of selected students is 3. The attribute company name is MORGAN STANLEY, the attribute nature of company is Product, the attribute package offered is 10.2 LPA, and the attribute number of selected students is 4. The attribute company name is FACTSET, the attribute nature of company is Product, the attribute package offered is 10 LPA, and the attribute number of selected students is 1. The attribute company name is VEGROW, the attribute nature of company is Product, the attribute package offered is 10 LPA, and the attribute number of selected students is 2. The attribute company name is TEJAS NETWORK SYSTEMS, the attribute nature of company is Software, the attribute package offered is 10 LPA, and the attribute number of selected students is 1. The attribute company name is INFOSYS with Specialist Programmer role, the attribute nature of company is Software, the attribute package offered is 9.5 LPA, and the attribute number of selected students is 7. The attribute company name is HSBC, the attribute nature of company is Software, the attribute package offered is 9 LPA, and the attribute number of selected students is 2. The attribute company name is TCS PRIME, the attribute nature of company is Software, the attribute package offered is 9 LPA, and the attribute number of selected students is 3. The attribute company name is DELOITTE, the attribute nature of company is Software, the attribute package offered is 7.6 LPA, and the attribute number of selected students is 6. The attribute company name is CAPGEMINI with Senior Analyst role, the attribute nature of company is Software, the attribute package offered is 7.5 LPA, and the attribute number of selected students is 2. The attribute company name is TCS DIGITAL, the attribute nature of company is Software, the attribute package offered is 7.2 LPA, and the attribute number of selected students is 36. The attribute company name is OPENPRISE TECHNOLOGIES, the attribute nature of company is Software, the attribute package offered is 7 LPA, and the attribute number of selected students is 2. The attribute company name is ACCENTURE with Advanced Associate Software Engineer role, the attribute nature of company is Software, the attribute package offered is 6.5 LPA, and the attribute number of selected students is 7. The attribute company name is CTS GENC NEXT, the attribute nature of company is Software, the attribute package offered is 6.5 LPA, and the attribute number of selected students is 1. The attribute company name is INFOSYS with Digital Specialist Engineer role, the attribute nature of company is Software, the attribute package offered is 6.5 LPA, and the attribute number of selected students is 4. The attribute company name is OPENPRISE TECHNOLOGIES with a different offer bracket, the attribute nature of company is Software, the attribute package offered is 6 LPA, and the attribute number of selected students is 2. The attribute company name is TEACHNOOK, the attribute nature of company is Software, the attribute package offered is 6 LPA, and the attribute number of selected students is 2. The attribute company name is ADP, the attribute nature of company is Software, the attribute package offered is 6 LPA, and the attribute number of selected students is 2. The attribute company name is PALTECH, the attribute nature of company is Software, the attribute package offered is 6 LPA, and the attribute number of selected students is 3. The attribute company name is AVANTEL, the attribute nature of company is Software, the attribute package offered is 5

LPA, and the attribute number of selected students is 1. The attribute company name is ACCENTURE with Associate Software Engineer role, the attribute nature of company is Software, the attribute package offered is 4.6 LPA, and the attribute number of selected students is 98. The attribute company name is ANBLICKS, the attribute nature of company is Software, the attribute package offered is 4.5 LPA, and the attribute number of selected students is 6. The attribute company name is RINEX TECHNOLOGIES, the attribute nature of company is Software, the attribute package offered is 4.5 LPA, and the attribute number of selected students is 4. The attribute company name is AKRIVIA HCM, the attribute nature of company is Software, the attribute package offered is 4.5 LPA, and the attribute number of selected students is 1. The attribute company name is CAPGEMINI with Software Engineer role, the attribute nature of company is Software, the attribute package offered is 4.25 LPA, and the attribute number of selected students is 12. The attribute company name is L & T MINDTREE, the attribute nature of company is Software, the attribute package offered is 4.05 LPA, and the attribute number of selected students is 46. The attribute company name is CTS GEN-C, the attribute nature of company is Software, the attribute package offered is 4 LPA, and the attribute number of selected students is 29. The attribute company name is TCS PEGA NINJA, the attribute nature of company is Software, the attribute package offered is 3.96 LPA, and the attribute number of selected students is 1. The attribute company name is TCS NINJA, the attribute nature of company is Software, the attribute package offered is 3.86 LPA, and the attribute number of selected students is 93. The attribute company name is INFOSYS with Systems Engineer role, the attribute nature of company is Software, the attribute package offered is 3.6 LPA, and the attribute number of selected students is 11.

Placement Support Infrastructure, Policies, and Access Attributes

The attribute placement support structure includes placement policy documentation, placement insights, and a dedicated Industry Relations, Training and Placements team. The attribute institutional placement communication includes official email channels and direct phone contact. The attribute placement documentation includes annual placement PDFs, company-wise offer details, and salary distribution summaries. The attribute placement ecosystem integrates academic training, industry collaboration, and institutional governance to support student employability outcomes.