DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

CSE REFLECTIONS

NEWSLETTER | ISSUE–III

A.Y. 2025–2026 • JANUARY – MARCH 2026

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Approved by AICTE, New Delhi and Permanently affiliated to JNTUK, Kakinada
L.B. Reddy Nagar, Mylavaram, N.T.R District, Andhra Pradesh – 521230
Website: lbrce.ac.in

EDITORIAL COMMITTEE

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering at LBRCE was established in 1998. It offers Undergraduate Programs – B.Tech in CSE and Post Graduate Program – M.Tech in Data Science. The B.Tech (Computer Science and Engineering) program was started in 1998 with an intake of 40 students. The intake was subsequently increased to 60 students in 1999, 90 students in 2008, 120 students in 2009, 180 students in 2019, 240 students in 2023, 420 students in 2024 and 480 students in 2025. The M.Tech (Data Science) program was started in 2023 with an intake of 06 students. Currently, the institute has enabled high-speed Internet bandwidth of 2090 Mbps.

EDITORIAL COMMITTEE

1. Dr. S. Nagarjuna Reddy	5. Mr. K. Haswanth, II Year
2. Dr. B. Siva Rama Krishna	6. Mr. SK. Nazeer, II Year
3. Mr. S. Srinivasa Reddy	7. Mr. M. Pranav Kumar, I Year
4. Mr. CH. Yasvanth, IV Year	8. Mr. T. Yaswanth, I Year

EVENTS ORGANIZED

Faculty Achievements • Faculty Publications • Research Colloquium • NPTEL Achievements • Industrial Visits • MoU's Signed • Workshops conducted by Faculty • Workshops attended by Faculty/Students • Student Internships • Student Achievements • Student Results–Toppers • Placement Details • Sports Details • NSS • NCC

VISION

The Computer Science & Engineering department aims at providing a continuously stimulating educational environment to its students for attaining their professional goals and meeting global challenges.

MISSION

1. To develop a strong theoretical and practical background across the computer science discipline with an emphasis on problem solving.
2. To inculcate professional behavior with strong ethical values, leadership qualities, innovative thinking and analytical abilities into students.
3. To expose students to cutting-edge technologies which enhance their employability and knowledge.
4. To facilitate faculty in tracking the latest developments in their research areas and foster healthy interaction with industry.

EVENTS ORGANIZED

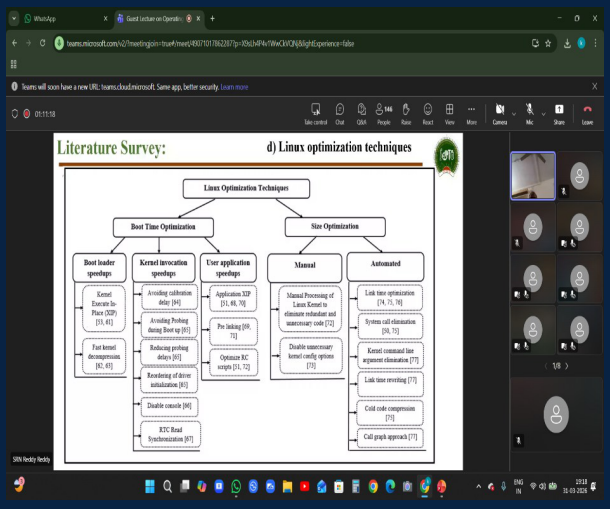
GUEST LECTURE • ALUMNI INTERACTION

ONE-DAY GUEST LECTURE

Design and Development of Customizable and Configurable OS Framework

Date: 31-03-2026

The objective of the guest lecture was to provide students with a clear understanding of the design and development of customizable and configurable operating system frameworks. It aimed to introduce key concepts of operating system architecture and demonstrate how systems can be tailored to meet specific user and application requirements. The lecture also focused on bridging the gap between theoretical knowledge and practical implementation by discussing real-world challenges, tools and techniques used in OS development. Ultimately, it sought to enhance students' knowledge of system-level programming and inspire them to explore advanced areas in operating systems.



ALUMNI MEET 2026

2001–2005 Batch Reunion • 14 February 2026 • 10:00 AM

The alumni shared their views. It was decided to strengthen the link between current students and alumni for their support in training, placement, career counselling and other areas. Alumni shared their experiences and interesting moments of campus life with the audience. The following students were nominated for scholarship support during the Alumni Meet.



ALUMNI MEET 2026

SCHOLARSHIP SUPPORT TO STUDENTS

The following students were nominated for scholarship support, as recorded in the quarterly report.

S.No	Roll Number	Name of the Student	Year
1	23761A0566	Y. LALITHA SRI	IV
2	23761A05D2	V. KUSUMA SAI	IV
3	23761A05E8	G. DIVYA NAGESWARI	IV
4	23761A05Q0	V. TIRUPATHAMMA	IV



RESEARCH & DEVELOPMENT

JOURNAL PUBLICATIONS

Journals (SCIE)

1. Modeling and Analysis of an Environmentally Friendly CuBi2O4 Solar Cell with Advanced N/P/P+ Architecture

Authors: Pratap Kumar Dakua, Rajib Kumar Dash, Banda Saisandeep, Subba Rao Polamuri, I. Lakshmi Manikyamba Hari Jyothula, Dr. S. Nagarjuna Reddy, Ch. V. Sivaram Prasad and Kumar Neupane.

Journal of Physics and Chemistry of Solids, Volume 208, Part 2, January 2026, 113227. Impact Factor: 4.9 (Q1).

https://doi.org/10.1016/j.jpcs.2025.113227

2. Hierarchical Attention Multi Model Deep Learning for Multi Document Summarization

Authors: Dr. Sunilkumar Ketineni and Dr. Sheela Jayachandran.

International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Vol. 34, Issue 2 (2026), Q3. DOI: 10.1142/S0218488526500108.

3. A Hybrid Quantum-Meta Reinforcement Learning and Graph Attention Transformer Approach for Low-Latency and a Secure D2D Routing in 6G Cellular Networks

Authors: Sambi Reddy Gottam and Udit Narayana Kar.

IEEE Access, Vol. 14, pp. 25017–25037, 2026. DOI: 10.1109/ACCESS.2026.3664972.

4. Federated Digital-Twin-Empowered Blockchain Architecture for Autonomous and Resilient Smart Water Management in Sustainable Cities

Authors: A. Divya, S. Ramesh, Sadashiva V. Chakrasali, M. Kiran Kumar, Mohammad Taj, Rajendra Kumar Ganiya, J. Nageswara Rao, Balasubramanian K and Shamimul Qamar.

Sustainable Computing: Informatics and Systems, Volume 50, June 2026, Q1; Impact Factor: 1.02.

https://doi.org/10.1016/j.suscom.2026.101303

Journals (SCOPUS)

1. FusionDefectNet – A CNN Vision Transformer Method with Adaptive Gating for Explainable Textile Defect Detection. Authors: Thandava Krishna Sai Pandraju, Venkanna Chanagoni, P. Mary KamalaKumari, Maneesha Vadduri, Shaik Salma Begum and V. Suma Avani. Journal of Theoretical and Applied Information Technology, 31 March 2026, Vol. 104, No. 6. https://www.jatit.org/volumes/Vol104No6/13Vol104No6.pdf

2. A self-Supervised ConvNeXt (SCONE) framework for robust and interpretable heart sound classification. Authors: M. Gayathri, Jogendra Kumar M, Chandu Jagan Sekhar Madala, Shanmuk Srinivas Amiripalli, Saiprasad Potharaju and M.V.V. Prasad Kantipudi. Intelligence-Based Medicine, Volume 14, 2026, 100377. DOI: 10.1016/j.ibmed.2026.100377.

RESEARCH & DEVELOPMENT

CONFERENCES • BOOKS • PATENTS

Conference Proceedings

1. Advanced Android Malware Detection with Self-supervised Learning and Multi-model Classification. Authors: Dr. D. Venkata Subbaiah, Sujatha P., Kumar G.P., Babu V.D., Polanki K. and Lakshmana Rao A. International Conference on Computing and Machine Learning, page 61, 06-01-2026. DOI: 10.1007/978-981-95-2872-1_5.

2. Noise Adaptive Simulation of Steane Code Fidelity for Enhanced Quantum Communication Networks. Authors: N. Nagasoudhamani, Krishna Nukala, B. Nirosha, Shilpa Adla, Sivva Yalamarthi and Dadinaboina A.K. Rao. 2025 5th International Conference on Ubiquitous Computing and Intelligent Information Systems (ICUIS), 26–28 November 2025; added to IEEE Xplore on 13 February 2026; Erode, India. DOI: 10.1109/ICUIS67429.2025.11380602.

Books / Book Chapters

Authors	Title	Publisher / Date	ISBN
Dr. Seelam Nagarjuna Reddy; Dr. Lokesh Nelligere Selvarajshivalingegowda; S. Anuja; Dr. M. I. Thariq Hussan; S. Sathish Kumar	Software Testing Through AI-Powered Automation	Pandit Publications January 2026	978-81-997248 -1-5
Dasari Anusha; Dudla Anil Kumar; Durga Satish Matta; Dudla Prabhakar	Explainable Artificial Intelligence-based Industrial Internet of Things	Taylor & Francis March 2026	EISBN 9781003 537380

Patents

Patent Title	Applicants / Inventors	Patent No.	Published
A Deep Learning Framework for CT-Based Abnormality Detection and Organ-Level Segmentation	Shaik Rafi, Swathi Buragadda, Siddabattula Geetha Sri Priyanka, Parameshwari M Goud, Chinnaswamy C N	202641028196	March 2026
An AI Based Autonomous Learning Architecture With Minimal Human Intervention	Dr. Sunilkumar Ketineni	202641005405	January 2026

STUDENTS' ACHIEVEMENTS

CERTIFICATIONS & PLACEMENTS

Student Certifications

Course Name	No. of Students
AWS Certified Cloud Practitioner	182

Student Placement Details

Company	Package	No. of Selections	Date
Pennant	25 LPA (combo offer 3 years)	02	08-Jan-2026
Innercircle	4.75 LPA	02	15-Oct-2025
Technoparinsoft	3.6 LPA	02	07-Jan-2026
GenC	4.0 LPA	29	31-Oct-2025
Efftronics	5.3 LPA	01	06-Dec-2025
GenC Next	6.75 LPA	11	24-Nov-2025
24/7AI	3.6 LPA	02	08-Jan-2026
Infosys	3.75 LPA	10	13-Nov-2025
NRIT Upskills	3.6 LPA	02	Oct-2025
Zentree Labs	4.5 LPA	03	24-Feb-2026
AKIS Aerospace Group	6.0 LPA	04	21-Feb-2026

COMPANY-WISE STUDENT SELECTIONS

PLACEMENT ROSTER • PART 1

Pennant — 25 LPA combo offer (08-Jan-2026)

Roll Number	Name of the Student
22761A0582	Goda Vamsi Krishna
23765A0508	G. Shanmukhshyam

Innercircle (15-Oct-2025)

Roll Number	Name of the Student
22761A05F3	Jonnadula Mohit Sai
22761A05F8	Kollipara Akhil

Technoparinsoft (07-Jan-2026)

Roll Number	Name of the Student
22761A0541	Palle Akhila
22761A05A4	Munnam Likitha Reddy

GenC (31-Oct-2025)

Roll Number	Name of the Student
22761A0506	Battula Lakshmi Priyanka
22761A0508	Chalavadi Ramu
22761A0509	Challa Yuva Prasanthi
22761A0511	Chintada Yaswanth
22761A0512	Damarla Bala Yaswanth
22761A0518	Gopireddy Vyshnavi
22761A0534	Mandadapu Sindhu
22761A0538	Modem Rishyender Reddy
22761A0540	Narahari Bala Saraswathi
22761A0548	Seelam Kanchan Varma
22771A0565	V. Geet Manoj
22761A0580	Duvva Varun Sai
22761A0585	Gudepu Rashmitha
22761A0588	Jajula Kishore Nandhan
22761A05A9	Pajjuri Saranya Durga

Roll Number	Name of the Student
22761A05B0	Pendem Likhitha
22761A05C0	Sriram Yagna Priya
22761A05C2	Teppali Sravanthi
22761A05C3	Tungala Jhahnavi
22761A05C8	Vijjeswarapu Nikhil
22761A05C9	Vustela Sai Teja
22761A05E0	Chilukuri Neethu Reddy
22761A05E5	Dharanala Surya Vamsi
22761A05F2	Jamalapurapu Venkatesh
22761A05F4	Jonnala Mohan Bharath Chandra
22761A05F7	Kamma Kethan Sai Chalapathi
22761A05F9	Konduri Sadvi
22761A05G1	Koppisetti Naveen
22761A05J2	Syed Nishath
22761A0529	Kothamasu Thanuja
22761A0531	Linga Sindhu
22761A0537	Mathi Praveen
22761A0542	Penugonda Sai Naga Bhargav
22761A0547	Saripalli Sri Chandana
22761A0553	Telukontla Shiva Venkat Kumar
22761A0590	Kandukuri Preethi

COMPANY-WISE STUDENT SELECTIONS

PLACEMENT ROSTER • PART 2

GenC Next (24-Nov-2025)

Roll Number	Name of the Student
22761A05B7	Shaik Rabiyabi Rizwana
22761A05G0	Konni Ranesh
22761A05J3	Syed Rasha
23765A0504	Koppisetti V V Sai Satya Sritam

Efftronics (06-Dec-2025)

Roll Number	Name of the Student
22761A0586	Gunduboina Krishna Vamsi

24/7AI (08-Jan-2026)

Roll Number	Name of the Student
22761A0546	Sanagavarapu Vishnu Priya
22761A0572	Budalapati Aksa Sree

Infosys (13-Nov-2025)

Roll Number	Name of the Student
22761A0505	Badugu Harshitha
22761A0523	Kalapakuri Varalakshmi
22761A0529	Kothamasu Thanuja
22761A0547	Saripalli Sri Chandana
22761A0579	Duriseti Lavanya Sri
22761A05B0	Pendem Likhitha
22761A05C6	Vemula Uma
22761A05E0	Chilukuri Neethu Reddy
22761A05J2	Syed Nishath
23765A0505	Sudulaganti Suchitra

NRIT Upskills (Oct-2025)

Roll Number	Name of the Student
22761A0537	Mathi Praveen
22761A0553	Telukontla Shiva Venkat Kumar

Zentree Labs (24-Feb-2026)

Roll Number	Name of the Student
22761A0526	Khetham Sanjay
22761A0589	K. Tirupathi Reddy
22761A05I4	P. Ajay Kumar

AKIS Aerospace Group (21-Feb-2026)

Roll Number	Name of the Student
22761A0544	D. Raga Madhuri
22761A05A7	Nalluri Anusha
22761A05I1	P. Gunasekhar
22761A05I4	P. Ajay Kumar

FACULTY ACHIEVEMENTS

AWARDS, RECOGNITION & PROFESSIONAL DEVELOPMENT

Faculty Award / Recognition



Faculty Attended Workshops / FDP / STTP

Faculty Member	FDP / Workshop Title	Institute / Organization	Dates	Days
Dr. Sunilkumar Ketineni	Generative AI & Large Language Models for Teaching, Research & Industry	AMIEE Association with Dept. of CSM, AITAM, Tekkali	19–23 Jan 2026	5
Dr. R. Ashok	5-day Engineering Design Process (EDP): Building Transformer-Based Financial Prediction Tools	School of CSE, VIT-AP University	02–06 Feb 2026	5
Mrs. M. Baby Anusha	Quantum Communication: Recent Progress and Future Research Direction	NIT Tiruchirappalli (AICTE ATAL Academy)	19–24 Jan 2026	6
Dr. Seelam Nagarjuna Reddy	Internet of Things (IoT): Foundations to Advanced Architectures	Pallavi Engineering College, Dept. of ECE	16–20 Mar 2026	5
Ms. Mohammed Sajeena	Cloud Computing (Faculty Development Program)	Geetanjali Institute of Technical Studies, Udaipur; Sri Siddhartha Institute of Technology, Tumakuru; BNM Institute of Technology, Bengaluru; with ExcelR Edtech Pvt. Ltd.	19–23 Jan 2026	5
Dr. G. Sombi Reddy	Impact and Influence of AI in the Age of Generative and Agentic AI (5-Day International FDP)	Dept. of Computer Science, Sister Nivedita University	02–06 Feb 2026	5
Bondala Anil Kumar	Quantum Machine Learning: Scope for Real-World Problems	VIT-AP University, School of CSE	10–14 Mar 2026	5

Faculty Member	FDP / Workshop Title	Institute / Organization	Dates	Days
N. Srinivasa Rao	Programming, Data Structures and Algorithms Using Python (NPTEL-AICTE FDP)	NPTEL / IIT Madras	Jan–Mar 2026	8 weeks
O. Venkat Siva	Emerging Technologies in Data-Driven Artificial Intelligence (One-Week Online FDP)	LBRCE & CSI Hyderabad Chapter	06–11 Jan 2026	6
Mr. Koteswara Rao Addepalli	Generative & Agentic AI – Tools & Demos	SVNIT Surat (Dept. of CSE), IEEE Gujarat Section, Pantech Solutions	16–21 Feb 2026	6
Mekala Srinivasa Rao	Two-Week Workshop on Green ICT: Innovations for Sustainable Digital Transformation	Dept. of CSE, NIT Warangal (SPARC Sponsored)	23 Feb–07 Mar 2026	14

FACULTY PROFESSIONAL DEVELOPMENT

RESOURCE PERSON • DEPARTMENT COORDINATION

Faculty Attended Workshops / FDP / STTP as Resource Person

Dr. N. V. Mahalakshmi — Webinar on “Optimization Techniques: Foundation for AI and Machine Learning Careers”. Organized by the Department of BCA, Koneru Lakshmaiah Education Foundation. Date: 31-01-2026.

DEPARTMENT COORDINATION

Department Coordinator: Mr. S. Srinivasa Reddy
Head of the Department: Dr. S. Nagarjuna Reddy
Principal: Dr. K. Apparao



THANK YOU

CSE REFLECTIONS

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