NEWSLETTER

LBS Institute of Technology for Women
Poojappura, Thiruvananthapuram

Wired

January - June 2025

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION OF THE INSTITUTE
To be a Centre of Academic Excellence empowering women in technical domain

MISSION OF THE INSTITUTE
Imparting value based technical education for transforming young women to professionals excelling globally in academics, research and development and industry meeting societal challenges.

VISION OF THE DEPARTMENT OF CSE
To be a renowned academic and research centre in Computer science and allied domains

MISSION OF THE DEPARTMENT OF CSE
To impart quality technical education by providing a conducive learning and research ambience for moulding ethically responsible engineers, academicians and researchers catering to the needs of industry and society

Programme Educational Objectives (PEOs)
Our Graduates would
Excel Professionally in the field of Computer Science and Engineering with an aspiration for lifelong learning.
Pursue higher education and research in multidisciplinary domains.
Exhibit good leadership qualities, interpersonal skills and ethical values to work in diversified teams and contribute to societal needs.

Programme Specific Outcomes (PSOs)
Our students will be able to
Apply mathematical models, software engineering principles and programming paradigms to solve real world problems.
Comprehend various aspects of computer hardware, communication models and security principles for developing computing solutions.

HIGHLIGHTS

- Vision of the Institute
- Mission of the Institute
- Vision of the Department of CSE
- Mission of the Department of CSE
- Programme Educational Objectives (PEOs) - CSE
- Programme Specific Outcomes (PSOs)
- **HODs Message**
- **Staff Achievement**
- **Students Achievement**
- **Our Toppers**
- **Faculty Publications**
- **Students Publications**
- **Placement**

HODs MESSAGE

"It gives me immense pleasure to present this edition of the CSE Department Newsletter, covering the achievements from January to June 2025. This platform reflects the vibrant academic culture, innovative spirit, and relentless pursuit of excellence that define our department.

This edition is a testament to the hard work across all levels, showcasing the remarkable success of our students in both academics and beyond. Highlights include:

The outstanding academic performance of our students, from the six S1 B.Tech students who achieved a perfect 10 SGPA, to our S8 toppers who are setting high standards for the graduating batch. The innovative research culture demonstrated by two student-faculty teams securing prestigious CERD Funding for projects in Emergency Vehicle Detection and Intelligent Water and Energy Management. The career readiness of our students, resulting in 35 placements with 40 total offers, with Infosys emerging as the top recruiter. The significant individual achievements, such as Revathy P securing GATE AIR 78 and the honoring of our brightest students at the "Academic Luminaries" event. I take this opportunity to thank all faculty members, staff, and students for their continued dedication and enthusiasm in making these successes possible."

Shining Bright! CS Achievers Honored at Academic Luminaries ✨

What a day of pride! Our brightest students were celebrated at the much-anticipated "Academic Luminaries" event hosted by the Computer Science Department. The ceremony was attended by the Principal, Director, HOD, and our supportive Faculty, all of whom joined together to honor these phenomenal achievers. The department extends its heartfelt congratulations to these exceptional students for their hard work and dedication!

STAFF ACHIEVEMENT

Celebrating Faculty and Student Achievements: CERD Funding Successes!

Research guides leading projects in innovation and sustainability

The Department of Computer Science at the LBS Institute of Technology for Women is proud to celebrate two outstanding teams for successfully securing CERD Funding! This achievement highlights the dedication of our faculty and the innovative potential of our students in developing solutions for real-world challenges.

Project: Emergency Vehicle Detection and Response System

Congratulations to the team behind the Emergency Vehicle Detection and Response System. This vital project, which aims to create a more efficient and responsive system for emergency situations, has been awarded CERD Funding.

Faculty Mentor   :   **Dr. Dileep V K**, Associate Professor in CSE.
Co-Guided by   :   **Dr. Deepthi P S**, Associate Professor in CSE
Team Members   :   **Athira P S, Parvathy Jayakumar, and Praveena S** (S8 IT)

This recognition underscores the faculty's commitment to guiding students through cutting-edge research and development, particularly in areas that have a significant societal impact.

STUDENT ACHIEVEMENT

Proud Moment! Revathy P – Celebrated for her outstanding GATE Score of 78

We are delighted to announce that **Ms. Revathy P** has achieved an exceptional milestone by securing a GATE score of 78. This outstanding performance reflects her dedication and perseverance. Her success is a true inspiration for all students, motivating them to aim higher and pursue excellence in competitive examinations. We extend our heartfelt congratulations to her and wish her continued success in her future endeavors

ACADEMIC EXCELLENCE

10 SGPA Stars :S1 CSE Students Achieve Perfect Academic Scores!

The LBS Institute of Technology for Women is thrilled to shine a spotlight on the exceptional academic excellence demonstrated by our S1 B.Tech students from the Computer Science and Engineering (CSE)!

We are incredibly proud to announce that a remarkable six students from the S1 batch have achieved the highest distinction possible by securing a perfect 10 SGPA (Semester Grade Point Average) in their first-ever university examination. This outstanding feat is a testament to their dedication, hard work, and intellectual prowess right from the beginning of their engineering journey.

The attached photograph captures this moment of triumph, featuring the brilliant young achievers alongside their supportive faculty members and Heads of Departments. In the picture, the six students are beaming with pride, each holding a well-deserved trophy, signifying their momentous achievement. They stand shoulder-to-shoulder with their professors, who share in their success and look forward to mentoring them through their remaining years.

This accomplishment is a source of immense inspiration for the entire student body and reaffirms the high standards of teaching and learning upheld by the CSE. A perfect 10 SGPA is a rare and difficult goal to achieve, and we extend our warmest congratulations to these students for setting such an impressive benchmark for their peers.

We wish these exceptional students continued success in their academic pursuits and are confident they will become the pioneering engineers and innovators of tomorrow.

"Faculty and toppers celebrating the pride of 10 SGPA achievers"

Computer Science Department secures CERD Funding for Smart Project

LBS INSTITUTE OF TECHNOLOGY FOR WOMEN
DEPARTMENT OF COMPUTER SCIENCE &
INFORMATION TECHNOLOGY
Congratulations
For receiving CERD funding
FACULTY MENTOR
Prof. Seena Thomas
Asst. Professor CSE
TEAM MEMBERS
Nandana N Nair S8 CS2 | Nandhana Krishna S8 CS2 | Sneha D S8 CS2 | Soumya Varghese S8 CS2

Project: Intelligent Water and Energy Management Solutions for Homes and Industries

We also extend a heartfelt congratulations to the team developing Intelligent Water and Energy Management Solutions for Homes and Industries. This project addresses the critical need for sustainable and smart resource management, and its potential was recognized with CERD Funding.

Faculty Mentor: **Prof. Seena Thomas**, Assistant Professor in CSE.
Co-Guided by: **Dr. Lekshmy P L**, Assistant Professor in CSE.
Team Members (S8 CS2): **Nandana S Nair, Nandhana Krishna, Sneha D, and Soumya Varghese**.

The success of both project reflects the vibrant research culture within the CS department and demonstrates the high caliber of our B.Tech students. Securing CERD funding provides the necessary resources to transform these innovative concepts into tangible, impactful applications. We look forward to seeing the positive contributions these projects will make!

OUR TOPPERS

We proudly present our top-performing students who have consistently excelled in academics. Their hard work and determination are a true reflection of the department's pursuit of excellence.

S7 CSI Toppers - Setting a Benchmark!
Congratulations to the S7 CSI toppers for their outstanding academic achievements as they approach the culmination of their studies:

* Asvitha V S - 10
* Ganga S - 9.4
* Gayathri S R - 9.3
* Devu S Thirumangal - 9.27
* J S Sanjana Sankar - 9.3
* Jyothika Johnson - 9.2
* Amritha S R - 9.17
* Aamina Naushad - 9.1

TOPPERS - S7 CS1

Asvitha V S 10 | Ganga S 9.4 | Gayathri S R 9.3
Devu S Thirumangal 9.27 | J S Sanjana Sankar 9.2 | Jyothika Johnson 9.2
Amritha S R 9.17 | Aamina Naushad 9.1 | Harine A P 9.1

Academic Toppers S7 CSE2 - Shining Bright!

Our final year CSE2 students have truly excelled, demonstrating their readiness for future challenges. Congratulations to these exceptional individuals:

* Vishnupriya Sashidharan - 9.8
* Sneha D - 9.7
* Sana Ann Thomas - 9.7
* Ethika R - 9.6
* Malavika R - 9.5
* Pavithra A S - 9.4
* Rebecca Bennyson Panicker - 9.4
* Sheril Mariam Jose - 9.4
* Soumya Verghese - 9.4

S5 CSI Excellence - Celebrating Success!

We're incredibly proud of our S5 CSI students who have set high standards with their academic performance:
* Jean Roger - 9.26
* Dhena Sreyas - 9.22
* J Mahalakshmi - 9.17
* Aardra S B - 9.11
* Archana S A - 9.04
* Bhadra R - 9.02
* Aiswarya P – 9

S5 CS2 Achievers - Leading the Way!

Our S5 CS2 students have demonstrated exceptional academic prowess. A big round of applause for their impressive results:
* Khadeeja Thamveecha V - 9.54
* Nandana R P - 9.54
* Navami S Rahul - 9.43
* Nandana Rajesh K P - 9.3
* Sangeetha CS - 9.22
* Suvetha R - 8.96
* Ruginint Sai - 8.93
* Nandana S R - 8.91
* Nandana S M - 8.89
* Shilpa Prakashth - 8.72
* Sabdhana R - 8.63
* Pavithra S R - 8.61
* Karunya Santuri Haroon - 8.57
* Sharmi VS - 8.5

S3 CS1 Academic Toppers

Here are the top-performing students from the S3 CS1 batch, listed with their respective CGPA:

Adithya M S: 9.45
Anakha S: 9.36
Aleena Jaison: 9.36
Afra B: 9.32
Ardras S P: 9.27
Aiswarya S: 9.18
Chinnu Issac: 9.14
Aswathy Pradeep: 9.09
Devika R Nair: 8.95
Gowri Krishna S: 8.91
G. Sreenandhini: 8.86

Anamya Sabar: 8.82
Athira Suresh: 8.82
Anjali R J: 8.77
Diya Nazeer: 8.77
Fathima Shadha: 8.77
Arya S S: 8.73
Aiswarya A Vinod: 8.64
Amna S Navas: 8.64
Bhadra C A: 8.64
Arya R: 8.55
Bismitha S N: 8.55

Batch 2023-2027
TOPPERS S3 CS1

BATCH 2023-2027
TOPPERS S3 CS2

Spotlight on S3 CS2 (Batch 2023-2027) Toppers! ✨

We proudly celebrate the top academic performers from the S3 Computer Science 2 batch! Their hard work and dedication have resulted in these excellent CGPAs:

Meenakshi H N - 9.41
Nima Maria Jacob - 9.14
Parvathy Padmakumar - 9.05
Krishnaja B R - 9.00
Pavithra R S - 9.00

Zakeena Salam - 8.86
Swathi Lekshmi B - 8.86
Varsha G - 8.82
Navya J - 8.77
Pavithra Kishor - 8.77

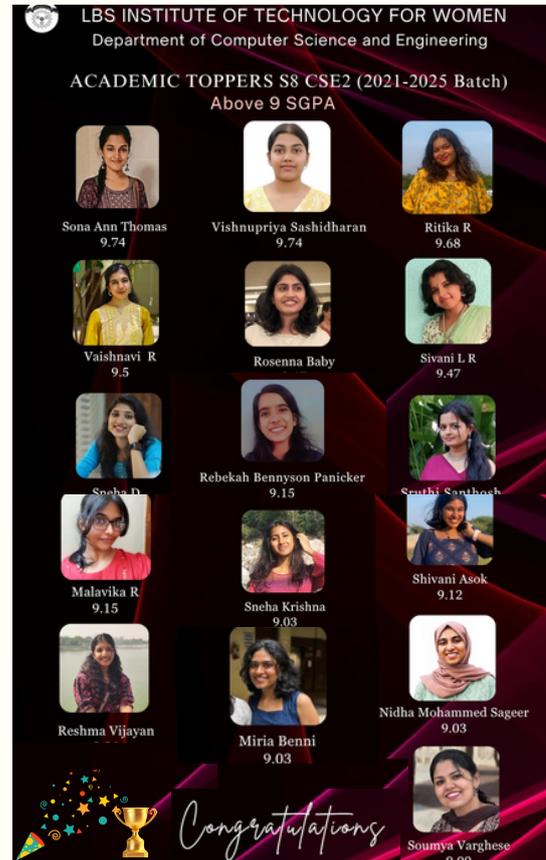### Congratulations to the S8 Computer Science Toppers!

We are thrilled to celebrate the outstanding academic achievements of our B.Tech S8 Computer Science and Engineering students from the LBS Institute of Technology for Women, Poojappura. These dedicated students have truly excelled, earning their places as the top performers of their batch!

Asvitha V S: 10

Gayathri S R: 9.94

Gowri S R: 9.56

Aamina Naushad: 9.56

Amritha S R: 9.38

Jyothika Johnson: 9.03

Jessica Maria Shegin: 9.03

LBS INSTITUTE OF TECHNOLOGY FOR WOMEN POOJAPPURA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Congratulations

S8 TOPPERS CS1

Spot light on S8 CSE2 (2021–2025 Batch)

Sona Ann Thomas (SGPA: 9.74)

Vishnupriya Sashidharan (SGPA: 9.74)

Ritika R (SGPA: 9.68)

Vaishnavi R (SGPA: 9.50)

Rosenna Baby (SGPA: 9.47)

Sivani L R (SGPA: 9.47)

Sneha D (SGPA: 9.29)

Rebekah Bennyson Panicker (SGPA: 9.15)

Sruthi Santhosh (SGPA: 9.21)

Shivani Asok (SGPA: 9.12)

Malavika R (SGPA: 9.15)

Sneha Krishna (SGPA: 9.03)

Reshma Vijayan (SGPA: 9.06)

Miria Benni (SGPA: 9.03)

Nidha Mohammed Sageer (SGPA: 9.03)

Soumya Varghese (SGPA: 9.00)

Academic Toppers - Names and CGPA (2021-2025 Batch)

A Congratulatory Message from the Director and Principal "On behalf of the administration and faculty of the LBS Institute of Technology for Women, we extend our most sincere and hearty Congratulations to all the academic toppers of the Computer Science and Engineering Department's 2021-2025 passing batch! Your diligence, commitment, and extraordinary efforts have resulted in these stellar CGPAs—many of you achieving scores well above the 9.0 and 8.5 thresholds. Sona Ann Thomas and Asvitha V S, in particular, deserve special recognition for setting such high standards for the entire batch. You have not only excelled academically but have also set a powerful example of dedication for future generations of students. As you step out of the college walls, we wish you continued success, profound achievement, and the very best in all your future endeavors. Congratulations once again! Director and Principal LBS Institute of Technology for Women"

CS1 (CGPA Above 9.0)

Asvitha V S: 9.61

Gayathri S R: 9.27

Amritha S R: 9.06

S8 CSE2 (CGPA Above 8.5)

Sona Ann Thomas: 9.46 Vishnupr[i]

Sashidharan: 9.41 Sivani L R: 9.26

Sheril Mariam Jose: 9.17

Malavika R: 8.89

Sreelakshmi S: 8.88

FACULTY PUBLICATION

Sl no	Faculty Name	Title of Paper	Name of Journal/ Conference/Book Chapter	Month & Year of Publication
1	Dr Smithamol M B	REACT: Reinforcement learning and multi-objective optimization for task scheduling in ultra-dense edge networks	*Ad Hoc Networks 174 (2025): 103834.*	2025
2	Dr Smithamol M B	Reinforcement Learning Driven MOEA framework for Secure and Efficient Task Scheduling in Cloud Edge Systems	Information and Communication Technology for Intelligent Systems	2025
3	Dr Smithamol M B	Information and Communication Technology for Intelligent Systems		2025
4	Dr Smithamol M B	Cyber Security and Information Technology		2025
5	Dr Smithamol M B	Data Structures using Python		2025
6	Dr. Lekshmy P L, Assoc Prof	Product Tracking Using Blockchain	Proceedings of the International Conference on Innovations in Engineering and Technology	Apr 2025
7	Prof Anju J, AP	Emerging Trends in Anomaly Detection for Surveillance Videos: Methods and Insights Surveillance Videos: Methods and Insights	Proceedings of the International Conference	2025

8	Prof.Sandeep Chandran, AP	Block Chain Based Object Tracking For Secure and Transperant Supply Chain	International Conference On Recent Trends in Energy,Environment,Science and Technology	2025
9	Prof.Sandeep Chandran, AP	Interactive Learning of Malayalam Sign Language with Live Recognition in a Flutter Application	Recent Trends in Androids and IOS Applications	2025
10	Prof. Rehna R S, AP	A Secure Biometric-Enhanced Cryptosystem for Cloud-Based Data Protection	Proceedings of the International Conference on Innovations in Engineering and Technology	Apr 2025

STUDENTS PUBLICATION

Sl.No	Name of the Student & Semester	Name of the Publisher	Name of the Journal/ Conference, etc.
1	Abhinandana, Aishwarya B, Aleena Rooby, Asvitha V S S8	Proceedings of the conference	International Conference on recent trends in Energy, Environment, Science & Technology from 7th to 9th May 2025 held at UKF

PLACEMENT DETAILS

Placements Success Shines Bright at LBSITW!

The Career Guidance and Placement Unit (CGPU) at LBS Institute of Technology for Women (LBSITW) is proud to announce the outstanding placement results for the graduating batch, highlighting the strong industry connection and the high calibre of our students. This year's drive saw a substantial number of offers from leading companies, reaffirming LBSITW's position as a preferred recruitment destination for major national and multinational corporations.

Our students have secured placements across various sectors, with a particular strength in the Information Technology and Consulting domains, which reflects the technical proficiency and career readiness fostered at our institution.

Key Placement Highlights

The placement season was marked by the participation of several industry giants. The following is a breakdown of the total number of students placed in some of the top recruiting companies:

COMPANY NAME	No. OF STUDENTS PLACED
CAPGEMINI	6
COGNIZANT	5
VERIZON	2
CODEYOUNG	1
EY GDS	3
IBM	5
INAPP	2
INFOSYS	10
QUANTIPHI	2
QUEST GLOBAL	2
UST	1
VISTEON	1

Recruitment Trends and Top Performers

Infosys emerged as the top recruiter for this drive with a commanding total of 10 placements, demonstrating the company's faith in the talent pool at LBSITW and the students' strong foundations in technology.

The continued presence of major multinational IT and Consulting firms, including CAPGEMINI (6 placements), Cognizant (5 placements), and IBM (5 placements), highlights the students' competence in core engineering and technical skills.

Recruiters like EY GDS (3 placements) and Verizon (2 placements) further diversified the offers, opening doors in high-demand fields like Global Delivery Services and Telecommunications.

We also celebrate the students placed in specialized and core technology firms such as Quantiphi (2 placements), QUEST Global (2 placements), Inapp (2 placements), UST (1 placement), and Visteon (1 placement), which speaks to the diverse career opportunities available.

We extend our heartfelt congratulations to all the placed students and wish them a stellar career ahead! The institution remains dedicated to strengthening its industry collaborations to ensure even greater success in future placement seasons

We achieved 35 student placements. The total number of offers extended was 40, indicating a multiple offer rate due to students receiving more than one placement from different companies.

EDITORS

Staff Editors

Dr. Sumithra M D
Mrs. Leeja R

Student Editors

Ms. Chandana R (S6 CS1)