

NEWSLETTER



LBS Institute of Technology for Women
Poojappura, Thiruvananthapuram



Wired

July - December 2024

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
- Association Activities
- Faculty Publications

HODs MESSAGE

I'm pleased to present this edition of the CSE Department Newsletter, highlighting achievements from July to December 2024. This platform showcases our department's vibrant culture and pursuit of excellence.

We had a period of great success:

Staff Achievement: Dr. Smitha E S successfully completed her doctoral degree from Anna University.

Association Activities: Events included the challenging C GAMING coding competition, the beginner-friendly COMPETEORIA challenges, and the successful "WordPress: From Zero to Hero" workshop.

Placements & Competitions: Students secured top placements at Visteon (7 LPA) and Quantipi (6 LPA). Our team also won the power presentation competition at Allianz Services India - IGNITE 2.0.

Academic Excellence: We celebrate numerous Academic Toppers across all batches (S2, S4, S6, and S8). Two students, Khadheeja Thanseeha V and Anakha S, even achieved a perfect 10 SGPA.

This success is a testament to the dedication of our students and the quality of education provided.



LBS Institute of Technology for Women Hosts Grand Convocation 2024

The LBS Institute of Technology for Women (LBSITW) celebrated its graduating students with a grand Convocation 2024 ceremony on Saturday, October 19, 2024. The event marked a significant milestone for the Batch of 2020–2024 and featured an esteemed lineup of guests and dignitaries.

The ceremony was graced by Dr. Rajan N. Khobragade, IAS, Additional Chief Secretary of the Health & Family Welfare Department, Government of Kerala, who served as the Chief Guest. Also featured on the main screen was a distinguished panel including Dr. V. Radhakrishnan, Emeritus Professor & Former Chairman, BOG and Dr. Abdul Rahiman M, Director, LBS Centre for Science & Technology, who delivered the Keynote Address.

The platform party, including the Principal and other faculty members, were present in their academic regalia, joining the distinguished guests to confer the degrees. The atmosphere was one of celebration and achievement, with a beautiful floral arrangement adorning the stage. The event successfully honored the hard work and dedication of the graduating students as they embark on their professional journeys.



STAFF ACHIEVEMENT



Doctoral Achievement Spotlight: Congratulations to Dr. Smitha E S! 🎉

We are thrilled to announce and celebrate a major academic milestone: Ms. Smitha E S, a faculty in the Department of Computer Science and Engineering, has successfully completed her doctoral degree requirements.

The Ph.D. degree was awarded by Anna University under the Faculty of Information and Communication Engineering. Ms. Smitha E S officially registered for the Ph.D. in Anna University under QIP in July 2016.

ASSOCIATION ACTIVITIES

Prayaag 4.0 codex

C GAMING: Code, Compete, and Conquer! The SAMYUKTHA CS-IT Association successfully hosted C GAMING, an intense team-based or individual coding competition that challenged participants to create an entire game using the C programming language. This exciting event put the core programming skills of students to the test.

Event Details and Participation.

The competition took place on September 28, 2024, from 10:00 AM to 12:00 PM. The event saw enthusiastic participation, drawing a total of 14 participants. It was a cross-collegiate contest, with two participants from other colleges joining the challenge alongside 12 participants from LBSITW.

Competition and Prizes

C GAMING offered a substantial prize pool of Rs 5,000 to reward the top coding talent.

The image shows a glimpse of the competition, featuring two focused participants collaborating on a laptop, demonstrating the intense problem-solving and coding required to build a game from scratch in C programming.

List of Participants

The spirit of competition was high among the following participants who put their skills to the test: Sreya Sajeev, Varsha G, V R Devakrishna, Sreya P S, Architha C M, Sara S, Suthika B, Bindu Mariyam, Nandana Sunil, Nipin Tom Sajan, Manupriya Dhanush Vayalambon, Aksha Jose, Amal, C GAMING successfully fostered a competitive spirit and pushed students to apply their fundamental C programming knowledge to a creative and challenging application—game development.



COMPETEORIA - The Art of Challenges"

Event Summary

The event "COMPETEORIA - The Art of Challenges" was a beginner-friendly competition designed to test both technical skills and creative problem-solving. It was structured into a set of fun games, including a jigsaw puzzle hunt, a cup challenge, and a code-breaking session, and was divided into two main levels.



Competition Details

Total Participation: The event saw a strong turnout with 34 participants forming 9 teams from various colleges, including LBSITW, Trinity College of Engineering, and Mar Baselios College of Engineering.

Time: The competition was held from 9:30 am to 12:30 pm.

Level 1 (Code Breaking): At the first level, teams were presented with a set of codes leading to two initial tasks.

Level 2 (Technical and Creative Task): The second level required a combination of technical knowledge and creativity. Teams were given basic codes and descriptions for creating an animation of an elephant and a tortoise racing. The final task was to develop a design of an athapookalam (floral carpet design).

Judging Criteria: The winning team for the first place was determined primarily by the basis of time (speed of completion), while aesthetics and design were also considered for the final task.

Winners and Prizes

The event offered a prize pool of ₹3k.

First Place:

Team Name: Goddess

Prize: ₹2k and goodies.

Second Place:

Team Name: Hustle Squad

Prize: ₹1k and goodies.

Third Place:

Team Name: 404 Found



"WordPress: From Zero to Hero" Workshop Success

The FOSS Club successfully organized an impactful workshop, "WordPress: From Zero to Hero," as a part of Prayang 4.0 on September 29, 2024, at the CCF Lab. The event was a resounding success, drawing a total of 67 enthusiastic participants, including 7 students from other colleges.

The session kicked off promptly at 9:30 AM and ran until 1:30 PM. Participants were privileged to learn under the guidance of key speakers, Harilal K R, and with the mentorship support of Praveen Kumar, Ravikumar, and Gayatri Dinesh. Their expertise ensured a valuable and successful learning experience for everyone involved.



Throughout the four hours, attendees delved deep into the world of WordPress, learning the fundamentals of building and managing websites. The FOSS Club's dedicated volunteers provided crucial individual attention and support to all participants, ensuring no one was left behind. Refreshments were also served to keep the energy high during the workshop. The commitment and effort put forth by the FOSS Club truly paid off, as all participants left the event equipped with newfound skills in WordPress, taking them a significant step on their journey from zero to hero in website development.

STUDENT ACHIEVEMENT

Featured Student Achievements and Placements

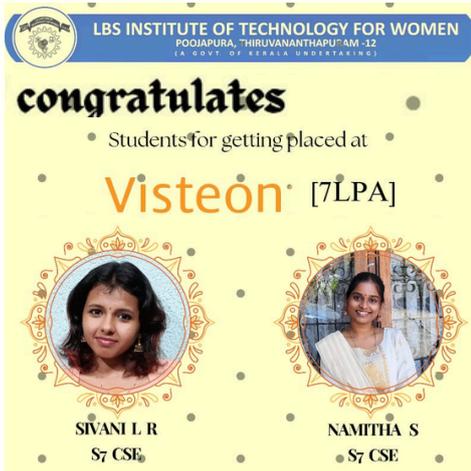
Here are long descriptions for each of the student achievement images, suitable for placement in a newsletter

Allianz Services India - IGNITE 2.0 Victory

Winning Presentation at Allianz Services - IGNITE 2.0!

Congratulations to the bright students from S3 and S5 who clinched the power presentation competition organized by Allianz Services India as part of their IGNITE 2.0 campus outreach program. The competition was held at Technopark on August 5, 2024. The image captures the victorious team—a group of eight enthusiastic students—posing proudly in front of the event's vibrant backdrop. Their success underscores their strong presentation skills, technical knowledge, and ability to communicate complex ideas effectively to an industry panel. This achievement is a testament to the talent being nurtured at the institute.





Visteon Placement Success

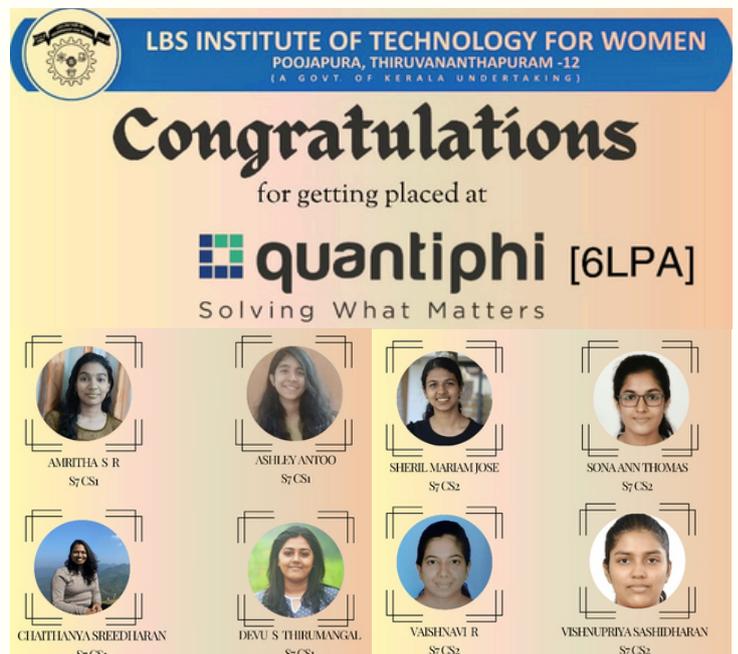
Securing Top Placements at Visteon [7 LPA]!

We are thrilled to congratulate our students who have achieved stellar placements at Visteon, a major player in automotive electronics, with a package of 7 LPA (Lakhs Per Annum). The successful candidates are Sivani L R and Namitha S from S7 CSE. The ornamental, congratulatory graphic features their portraits, highlighting this significant career milestone. This achievement not only reflects the students' dedication but also the high-quality technical education and training provided at LBS Institute of Technology for Women, preparing them for top roles in core industries.

Quantiphi Placement Success

Eight Stars Placed at Quantiphi [6 LPA]!

LBS Institute of Technology for Women extends heartfelt congratulations to eight of our talented students who have been successfully placed at Quantiphi, a leading AI and data science consulting company, with an impressive package of 6 LPA (Lakhs Per Annum). The placed students from the S7 batch are: Amritha S R, Ashley Antoo, Chaithanya Sreedharan, and Devu S Thirumangal from S7 CS1, and Sheril Mariam Jose, Sona Ann Thomas, Vaishnavi R, and Vishnupriya Sashidharan from S7 CS2



The vibrant graphic showcases the individual portraits of these future tech leaders, celebrating their hard work and dedication in securing placements with a globally recognized firm known for "Solving What Matters."

OUR TOPPERS



We're thrilled to share an update that confirms an outstanding achievement! **Khadheeja Thanseeha V** from **S3 CS2** has officially secured a perfect **SGPA of 10** following the successful reevaluation of her results. This incredible accomplishment is a testament to her hard work, sharp intellect, and determination to excel. Join us in celebrating Khadheeja's well-deserved success as a top performer!

A massive shout-out to our brilliant S6 CS1 students at LBS Institute of Technology for Women, Poojappura! They've absolutely crushed the May 2024 results and earned the title of Academic Toppers. Check out these fantastic scores:

Asvitha V S: 9.65 SGPA

Lekshmi D R: 9.11 SGPA

Aamina Naushad: 9.07 SGPA

Gayathri S R: 9.02 SGPA

Keep shining bright! ✨



We are delighted to celebrate the exceptional academic performance of our students from LBS Institute of Technology for Women, specifically the S6 CSE2 batch from the May 2024 results. The following students have distinguished themselves as Academic Toppers by achieving an SGPA above 9:

Sona Ann Thomas: 9.59 SGPA

Malavika R: 9.35 SGPA

Rithika R: 9.09 SGPA

Miria Benni: 9.07 SGPA

Congratulations to all the toppers on this outstanding achievement!

Hats off to the bright minds of B.Tech S4 CS1 at LBS Institute of Technology for Women, Poojappura! 🎉 With a spectacular pass percentage of 92.54% for the batch, we celebrate these nine students who have emerged as the top academic performers:

Archana S A: 9.68 SGPA

Gopika N S: 9.61 SGPA

J Mahalekshmi: 9.61 SGPA

Jean Roger: 9.18 SGPA

Arathy B M: 9.08 SGPA

Dhena Sreyess: 9.03 SGPA

Hannah Ruby Daniel: 9.03 SGPA

Jesse Teressa Biju: 9.03 SGPA

Hridya Pramod: 9.03 SGPA

A phenomenal job by our toppers!



Huge shout-out to the brilliant students of S4 CS2! 🎉 The Department of Computer Science and Engineering at LBS Institute of Technology for Women proudly recognizes these academic toppers who demonstrated exceptional performance:

- Khadeeja Thanseeha V: 9.64 SGPA
- Sangeetha G S: 9.27 SGPA
- Navami S Rahul: 9.05 SGPA
- Suvetha R: 8.95 SGPA
- Nandana Rajesh K P: 8.91 SGPA
- Pavithra L R: 8.91 SGPA
- Swetha S: 8.68 SGPA
- Nandana R P: 8.64 SGPA
- Shilpa Prasanth: 8.64 SGPA
- Rumaiyya Zynab Kasturi Faroon: 8.59 SGPA
- Nandhana S Ramesh: 8.55 SGPA
- Rugmini Sai: 8.55 SGPA



We celebrate your success! Keep up the excellent work!

Congratulations to the CSI S2 Toppers!

This image celebrates the academic achievements of the top-performing students in the CSI S2 examinations from LBS Institute of Technology for Women in May 2024. The vibrant, celebratory graphic features 15 female students who have achieved an SGPA of 9 and above.

The students' portraits are arranged in three rows, each within a circular frame, and their names and outstanding SGPA scores are listed directly beneath their photos.

The list of toppers, starting from the top row and reading left to right, is as follows:

Anakha S leads the group with a perfect 10 SGPA.

Chinnu Issac achieved a 9.71 SGPA.

Diya Nazeer scored a 9.43 SGPA.

The second row features:

Fathima Shahda C P also achieved a 9.43 SGPA.

Ardra S P earned a 9.33 SGPA.

Gowri Krishna S is recognized with a 9.31 SGPA.

Ananya Sabar achieved a 9.24 SGPA.

Athira Suresh scored a 9.19 SGPA.

The third and fourth rows highlight the remaining high achievers:

Afra B achieved a 9.14 SGPA.

Arya S S also scored a 9.14 SGPA.

Farhana Mohammed is listed with a 9.14 SGPA.

G Sreenandhini also achieved a 9.14 SGPA.

Aleena Jaison scored a 9.05 SGPA.

Amna S Nivas is recognized with a 9.05 SGPA.

Anjali R J also achieved a 9.05 SGPA.

Bismitha S N is listed with a 9.05 SGPA.



This graphic serves as a formal and visual testament to the dedication, hard work, and academic excellence demonstrated by these students during their CSI S2 semester, setting a high standard for their peers and the institution. The diversity of the portraits also highlights the collective success of the student body.

FACULTY PUBLICATION

SI no	Faculty Name	Title of Paper	Name of Journal/Conference/Book Chapter	Month & Year of Publication
1	Dr. Lekshmy P L, Assoc Prof	Robust Image Watermarking Using Lifting Wavelet Transform and Convolutional Neural Network	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2024
2	Dr. Lekshmy P L, Assoc Prof	A comparative study of long short-term memory based long-term electrical load forecasting techniques with hyperparameter optimization	International Journal of Electrical and Computer Engineering (IJECE)	Dec 2024
3	Dr. Lekshmy P L, Assoc Prof	Developing a mathematical model for predicting ultimate tensile strength to identify optimal machining parameters	International Journal of Electrical and Computer Engineering (IJECE)	Dec 2024

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