

**Muthoot Institute of Technology & Science
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

JANUARY-APRIL 2025

THE BLOG NEWSLETTER



VISION

To be recognized as a socially accountable thought leader in applications of computational technologies and a center of excellence in solving complex and cross-disciplinary problems.

MISSION

- Develop pedagogical practices that help equip students with the ability to self-learn and reason.
- Improve ability to communicate on complex engineering activities and interpersonal skills by developing proper training methods and professional networking.
- Improve problem solving ability by promoting computational thinking and working on cross-disciplinary projects.
- Create and sustain networks in professional, academic and startup environments to stay updated with changes in the field of Computer Science and Engineering.
- Instill social commitment in students and faculty by engaging in spreading computer literacy and other socially relevant services.
- Promote research towards developing insight into complex problems.

PROGRAM EDUCATIONAL OBJECTIVES(PEOs)

- PEO1. Graduates will exhibit the ability to adapt well to the professional environment and contribute to the goals of the organization they are associated with.
- PEO2. Graduates will exhibit thought leadership in solving complex problems in their respective domains.
- PEO3. Graduates will be socially committed lifelong learners who strive for constantly upgrading and sharing their knowledge to nurture a healthy and open eco-system around them.

PROGRAM OBJECTIVES(POs)

- PO1. Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2. Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- PO3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
- PO4. Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

PROGRAM OBJECTIVES(POs)

- PO5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- PO8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PROGRAM OUTCOMES(POs)

- PO11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

PROGRAM SPECIFIC OUTCOMES(PSOs)

- PSO1. Design, Develop, Analyze, and Optimize, innovative computational solutions for Real-time problems by leveraging core computer science and engineering principles, advanced algorithms, and programming techniques.
- PSO2. Apply concepts in hardware architecture and programming to manage high performance systems like cloud, grid, and cluster computing

STUDENT ACHIEVEMENTS

Gyan Samarpan - MITS Unnati Award for Overall Proficiency

1. Nanada Sreeraj, S8 CS A (1st)
2. Ashly Regi, S8 CS A (2nd)
3. Raisa Parvin N A, S8 CS A (2nd)
4. Ria Stanly Keecheril, S8 CS B (1st)
5. Amalendu P, S8 CS B (2nd)

Gyan Samarpan - MITSGATE Top Scorer

1. Adish S, S8 CS A (SCORE 506, RANK 6600)
2. Joel B. Malekandathil, S8 CS B (SCORE 514, RANK 6277)

Gyan Samarpan - MITS Sreshta Award (Best Outgoing Student)

1. Asish S, S8 CS A
2. Amalendu P, S8 CS B

PRAKALP-PROJECT EXPO

S8 CS A

1. Adish S, Ananda Krishnan M (1ST PRIZE)
2. Arjun Raj T, S8 CS A (2ND PRIZE)

Joel Varghese Georgie, S8 CS A

Merlin Baiju, S8 CS A

Sivaganga P biju, S8 CS A

S8 CS B

1. Meghna Rajesh (1ST PRIZE)

Nitin A P

Ben Joe Augustine

Abhijith N S

2. Aasher Paul (2ND PRIZE)

Amal Babu

Chinmai S Nath

Samuel Jacob Alex

STUDENT ACHIEVEMENTS

GATE 2025 Qualified

NAME	SCORE	RANK
Malavika M K	469	8706
John Martin	430	11838
Akhil R	393	15665
Joel Sunny	377	17750
Vaishnav Anand	403	14322
Adrin Jose C T	387	16321
Joji J Panackal	377	17750
Chinmai S Nath	357	20486
Ria Stanly Keecheril	354	21149
Meenakshi P G	331	25130
Gauthamkrishna Binoy	418	6088
Arjun Santhosh	356	20760
Alan Sebastian	463	2862
Christian John Varghese	368	18757
Harikrishnan P S	389	16061

STUDENT ACHIEVEMENTS



NPTEL -Machine Learning, ML (ELITE):

1. Aslalh T P (S6 CS A)
2. Adarsh A S (S6 CS A)
3. Anupam Krishna T V (S6 CS A)
4. Aksa Susan Mathew (S6 CS B)
5. Namitha S (S6 CS B)
6. Sija Joseph (S6 CS B)
7. Parvathi Krishna (S6 CS B)
8. Mariya Jose (S6 CS B)

STUDENT ACHIEVEMENTS

Mindquest(Nakshatra) Quiz competition (SaintGITS college of engineering) 2nd prize:

Anupam Krishna T V (S6 CS A)

Tink Her Hack,Kerala's Largest Women Only Hackathon By TinkerHub at Viswajyothi College of Engineering Jan 2025 1st prize:

- 1. Archana Jayakumar (S6 CS A)**
- 2. Krupa Anna Kuruvilla (S6 CS A)**

Tink Her Hack,Kerala's Largest Women Only Hackathon By TinkerHub at Viswajyothi College of Engineering Jan 2025 2nd prize:

- 1. Jeslia Jobi (S6 CS B)**
- 2. Parvathi Krishna (S6 CS B)**

NPTEL-Cloud Computing and Distributed Systems (ELITE):

- 1. Hari Nandan VJ (S6 CY)**
- 2. Midhul V M (S6 CY)**
- 3. Merin M Prakash (S6 CS B) [ELITE + SILVER]**

NPTEL -Programing Data structure and algorithm using Python (ELITE):

- 6. Abhinav K R, S6 CS A**
- 7. Abijith Sebastian, S6 CS A**
- 8. Adnan Al Ameer, S6 CS A**
- 9. Gautham A Warrier, S6 CS A**

Hackathon-Eneria (INTERCOLLEGE) 3rd prize:

Gauthamkrishna Binoy and Adnan Al Ameer of S6 CS A

STUDENT ACHIEVEMENTS

NPTEL-Systems and Usable Security (ELITE + SILVER):

- 1. Avni Sen (S6 CY)**
- 2. Sachin James Mathew (S6 CY)**
- 3. Anurag S Nair (S6 CS B)**

CTF (NIT Calicut) Intercollege Finalists:

Hari Nandan VJ and Midhul V M of S6 CY

CTF (Saintgits Kottayam) Intercollege 1st place:

Sreyas P Pradeep, Jayashankar N and Hari Nandan VJ of S6 CY

CTF (GEC Thrissur) Intercollege Finalists:

Ofilia Maria Johnson, Devika Unnikrishnan and Rose Thaikkadan of S6 CY

CTF Intercollege 1st place:

Akash A K, Milan Dinesh, Mohammed Fayis N M and Mohammed Sinan of S6 CY

NPTEL , Cryptography and Network Security (ELITE + SILVER TOPPER 5%):

Jeslia Jobi (S6 CS B)

NPTEL, Python for Data Science (ELITE + GOLD TOPPER 1%):

John Thomas (S6 CS B)

STUDENT ACHIEVEMENTS

NPTEL, Deep Learning-IIT Ropar (ELITE):

Nandana Mariam Peter (ELITE + SILVER) (S6 CS B)

Sneha N P (ELITE + SILVER) (S6 CS B)

R Gokul Krishnan (S6 CS B)

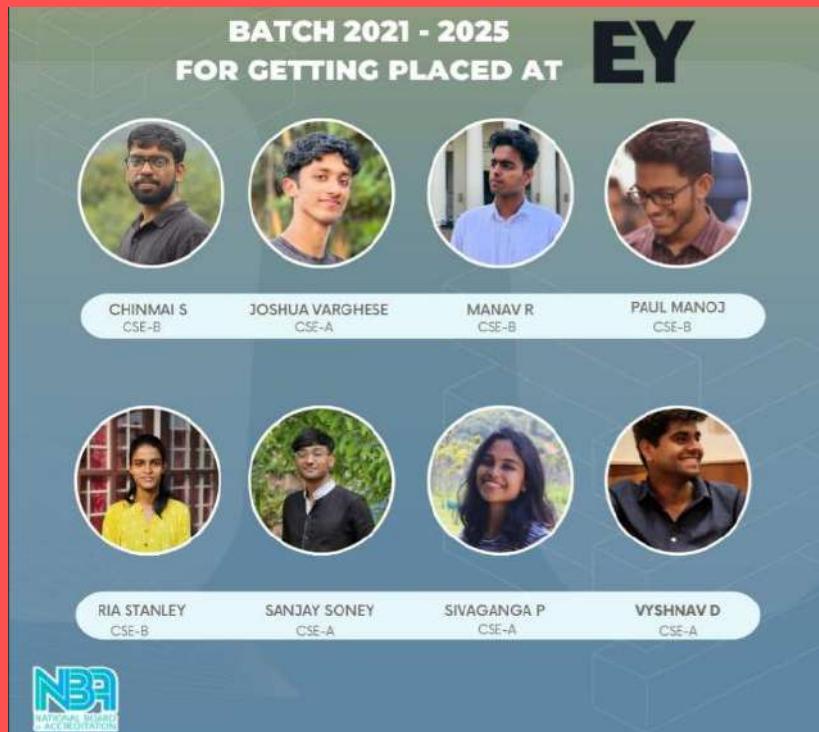
NPTEL, Computer Network and Internet Protocol (ELITE):

Sivaprasad A S (S6 CS B)

NPTEL, Programming using C++ (ELITE):

Riya Thachett (S6 CS B)

STUDENT ACHIEVEMENTS



STUDENT ACHIEVEMENTS



STUDENT ACHIEVEMENTS

CONGRATULATIONS

Batch 2021 - 2025 | **U •**
For getting places at **S T**



Abhijith S
CSE A



Abhishek Sumod
CSE A



Athul Krishna S
CSE A



Adish S
CSE A



Akhil R
CSE A



Rohit Babu George
CSE B



S Goutham Krishna
CSE A



John Martin
CSE A



Joel B Malekandathil
CSE B



Vyshnav D Kumar
CSE A



STUDENT ACHIEVEMENTS



STUDENT ACHIEVEMENTS

PLACEMENTS

IBM:



Adrin Jose C T
CS- B



Advaith Narayanan
CS- B



Meghna Rajesh
CS- B



Siddarth Anil
CS- B



Srebala R Mohan
CS- B

TurnB:



Nikitha Mary Jacob
CS- B



Fahad Abdullah
CS- B

STUDENT ACHIEVEMENTS

MYGATE:



Akhil Gopakumar
CS- B



Amal Dev Dileep Raj
CS- B



Delin Vijay
CS- B



Joji J Panackal
CS- B



Sanpras Santhosh
CS- B

SUNTECH:



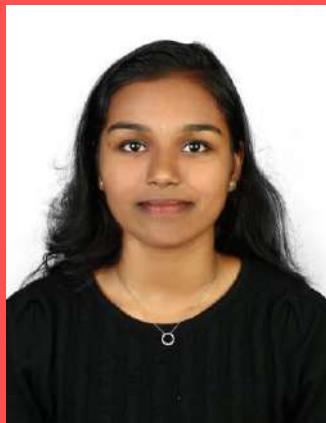
Akhil Roy
CS- B



Meenakshi P G
CS- B

STUDENT ACHIEVEMENTS

INFOSYS:



Jibina Babu
CS- B



Mebona Joseph
CS- B



Merin Johnson
CS- B

GEOJIT TECH:



Abhisurya Anilkumar
CS- B



Arjun K V
CS- B



Nandhana K P
CS- B

STUDENT ACHIEVEMENTS



Abhishek Narayanan
CS- B
6D TECHNOLOGIES



Akshat Saji
CS- B
POORNAM



Althaf Mohammed Nizar
CS- B
TORCUE



Bibi Mary George
CS- B
TORCUE



Anna Mathew
CS- B
AURUS



Fayiz Muhammed S
CS- B
AURUS

STUDENT ACHIEVEMENTS



Alvin Yesudas
CS- B
INNOVATURE LABS



Athul P Benny
CS- B
REIZEND



Lakshmi Rajesh
CS- B
H&R BLOCK



Navya Basil
CS- B
LTI MINDTREE

STUDENT ACHIEVEMENTS



CONGRATULATIONS

RAGESH K S3 Cyber security MTECH

Placed in SRFM Calculus

India Private Limited

Role: Security Analyst

CTC:7 lakh

FACULTY ACHIEVEMENTS

Dr. Anishin Raj MM

Assistant Professor and HOD of the Department of Computer Science and Engineering.

PUBLICATIONS:

1. "Secured IH Principle using Blow Fish Algorithm on Digital Images using Chess Queen Placement strategy ", 2nd International Conference on Trends in Engineering Systems and Technologies (ICTEST 2025), IEEE (Scopus) at MEC, Thrikkakara on April 3-5, 2025
2. Accepted by a Book publication for a article titled "Building effective AI based systems", Wiley-Scrivener Publishing, USA, Scopus Indexed on 16th January, 2025



ACHIEVEMENTS:

1. Reviewer for IEEE Sustainable Innovations in Statistics and Data Science conference, Christ university, Bangalore on 27th March, 2025
2. Reviewer for Advanced Computing and Communication Technologies for High Performance Applications, IEEE conference organized by FISAT on 26th March, 2025

LECTURES:

Conducted a lecture on "Train the trainers programs" of ASAP, Govt of Kerala on 12th April, 2025.

FACULTY ACHIEVEMENTS

Dr. Rajesh Cherian Roy

Professor and Chairperson of the Division of Computer Sciences.

PUBLICATIONS:

1. “Leveraging Augmented Samples as an Auxiliary task for Enhancing Spoken Language Identification in Indian Languages” 2nd International Conference on Trends in Engineering Systems and Technologies (ICTEST 2025), IEEE (Scopus) at MEC, Thrikkakara on April 3-5, 2025

ACHIEVEMENTS:

1. Participated in a GIAN course on “Ethics, Trust and Usability in Speech Technology” during March 3-7 2025 at IIT Dharwad.
2. Participated in Cybersecurity Conclave orgainzed during February 7-8 2025 at NIT Calicut.

Ms. Lithiya Sara Babu

Assistant Professor of CSE Department

ACHIEVEMENTS:

1. Completed self-paced MATLAB training course on Machine Learning Onramp on 30th January, 2025.
2. Attended 2 days National workshop on "Topology for Data Analysis" at Muthoot Institute of Technology and Science on 6th and 7th January, 2025.
3. Participated & completed AICTE Training And Learning (ATAL) Strategic Approaches and Emerging Trends in Data Science at FISAT from 10th to 15th February, 2025.



FACULTY ACHIEVEMENTS

Ms. Sreeja S



**Assistant Professor of CSE Department
ACHIEVEMENTS:**

1. Participated 3 day FDP on "IT Skills, Tech Essentials" at ILAHIA College of Engineering & Technology From January 15th to 18th 2025
2. Conference Reviewer for IEEE sponsored International Conference on Data Science and Business Systems at SRM University - KTR Campus

Ms. Mithu Mary George



**Assistant Professor of CSE Department
ACHIEVEMENTS:**

Attended Ten Days Online Workshop on Medical Image Analysis & its Advancements through Explainable AI and Security, sponsored by The Ministry of Electronics and Information Technology (MeitY), Organized by NIT Warangal in Association with IIIT Kottayam, 5th February 2025-14th Feb 2025

FACULTY ACHIEVEMENTS

Dr. Sreenu.G



**Assistant Professor of CSE Department
ACHIEVEMENTS:**

Presented a paper on "Schematic Review on the Application of Blockchain & IOT integration with Sentiment Analysis in Supply chain management" in the International Conference on Emerging Technologies For Intelligent Systems(ETIS 2025) held from 7th to 9th February, 2025.

Ms. Sneha Thankachan



**Assistant Professor of CSE Department
ACHIEVEMENTS:**

Presented a paper on "Schematic Review on the Application of Blockchain & IOT integration with Sentiment Analysis in Supply chain management" in the International Conference on Emerging Technologies For Intelligent Systems (ETIS 2025) held from 7th to 9th February, 2025.

FACULTY ACHIEVEMENTS

Ms. Anu Jose



Assistant Professor of CSE Department

ACHIEVEMENTS:

- 1. Completed self-paced MATLAB training course on Machine Learning Onramp**
- 2. NPTEL- AICTE FDP-Elite Certification on Fundamentals of Object Oriented Programming**

Ms. Leda Kamal



Assistant Professor of CSE Department

ACHIEVEMENTS:

NPTEL- AICTE FDP-Elite Certification on Blockchain and its Applications

Ms. Ameena K. Ashraf



Assistant Professor of CSE Department

ACHIEVEMENTS:

Attended as one of the 32 selected participants for the SERB-INAE Skill Enhancement Workshop in Teaching and Research, hosted by IIT Guwahati from February 28, 2025, to March 1, 2025.

FACULTY ACHIEVEMENTS

Dr. Abdul Ali



Assistant Professor of CSE Department

LECTURES:

Career Guidance session at Summer camp for Nila cultural Society , Nerimangalam on 17th April, 2025

Dr. Saira Varghese



Assistant Professor of CSE Department

ACHIEVEMENTS:

1. NPTEL -AICTE FDP -Elite Certification on Blockchain and its Applications, 12 weeks (January-April 2025)
2. NPTEL Elite Silver Certification (Topper 5%) on Compiler Design, 12 weeks (January-April 2025)

Mr.Basil Baby



Assistant Professor of CSE Department

ACHIEVEMENTS:

NPTEL -aictc FDP -Elite Certification on Fundamentals of Object Oriented Programming, 12 week(January-April 2025)

FACULTY ACHIEVEMENTS

Ms. Asha Raj



Assistant Professor of CSE Department

ACHIEVEMENTS:

1. NPTEL - AICTE FDP - Elite Silver Certification (Topper 5%) on Problem Solving Through Programming In C

Dr. Suja C Nair



Assistant Professor of CSE Department

ACHIEVEMENTS:

1. Completed self-paced MATLAB training course on Machine Learning Onramp on 24th January 2025
2. Conference chair and Reviewer for IEEE conference, ICTEST-2 Organized by Model Engineering college from 3-5 April 2025

Faculty Development Programs (FDPS)

1. One day workshop on "IT WORKSHOP"(KTU 2024 scheme subject) on 20th January, 2025

CLUB ACTIVITIES

FOSS CLUB:

1. Event Title: Expert guidance meet on Vision Transformers Application to Computer Vision

The FOSS Club, MITS successfully organized an expert guidance meet on Vision Transformers Application to Computer Vision by Dr. Deepak Mishra from IIST on 21st February 2025. The session provided valuable insights into AI-driven image processing and its real-world applications.

2. Event Title: Verilog essentials, learn and code

The session was conducted by Rakendu, Gokulkrishna, Blessen, and David from S6 CSE A on 13th March 2025, who served as resource persons. The objective was to introduce students to Verilog programming and its significance in digital design.

3. Event Title: Strategic Navigations for placements

The session was conducted by Adish S and Ananthakrishnan S from S8 CSE A on 14th March 2025, who served as resource persons. The primary objective was to guide students on effective strategies for placement preparation, including resume building, aptitude tests, and interview techniques.

ACM:

1. Event Title: Hour of Code

The session conducted at an Hour of Code program at Our Lady of Fatima Higher Secondary School (OLFHSS), introduced students to Python programming, Artificial Intelligence (AI), and Cybersecurity, aiming to spark their interest in technology on 23rd January 2025

CODING CLUB:

Event Title: Quiz quest -Competition

The Coding Club held a successful tech quiz competition called "Quiz Quest" on March 6th, 2025. The quiz covered general technology knowledge and Data Structures & Algorithms (DSA). Students from different courses and years participated to test their technical skills. The event went well, with participants showing strong knowledge in technology and problem-solving.

FAREWELL OF S8 CS A & B

A farewell ceremony was held on 11th April 2025 from 11:30 AM onwards at Visvesvaraya Hall to bid adieu to the S8 CSE A and B batch students. The event was a heartfelt occasion filled with memories, gratitude, and well-wishes as students, teachers, and staff came together to celebrate the journey and achievements of the outgoing batches. Thoughtful speeches, cultural performances, and moments of reflection marked the gathering, creating a warm and emotional atmosphere. It was a memorable day that honored the student's time at the institution and wished them success in their future endeavors.

FAREWELL SNAPSHOTS



S8 CS- B



S8 CS- A