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LMCST News

LOURDES MATHA COLLEGE OF SCIENCE AND TECHNOLOGY

NAAC Accredited, Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

MANAGED BY ARCHDIOCESE OF CHANGANASSERRY



DIRECTOR'S *message*



As the Director of this vibrant institution, I invite you to explore a community where innovation flourishes, opportunities are abundant, and every student is encouraged to excel academically, personally, and professionally.

Our mission is to mould the engineers of tomorrow with a comprehensive and enriching approach to education. We go beyond academic rigor to ignite creativity, cultivate leadership, and nurture well-rounded individuals. Our students are empowered not only through a solid foundation in engineering but also through vibrant co-curricular, extracurricular, and sports activities. These experiences are integral in shaping graduates who are technically adept, socially conscious, and ready to lead with vision in an ever-changing world.

With a dedicated team of expert faculty and cutting-edge facilities, we provide an environment where you can thrive, innovate, and grow. We take pride in fostering a culture that values every aspect of student development, ensuring that our graduates are not just prepared for careers but are also equipped to make meaningful contributions to society.

Together, let's embark on a path of discovery, achievement, and success.

Rev. Dr. Bejoy Arackal

PRINCIPAL'S *message*



Excellence is not a destination; it is a journey that never ends. The confidence, compassion, dedication, and dreams of our dear students will lead our society to progressiveness in the future. Students are the future leaders of this country, and must not forget that 'laziness' is your worst enemy and 'hard work' is your best friend. My advice to students to improve your performance in every area is to 'Challenge Yourself'. Always remember to improve your earlier performance. Let there be linear growth in your progress graph. Most of the college activities are planned to help you learn something new every day. Grab the opportunities on your way. Teachers are constantly striving to put students at the centre of learning, be it academics or co-curricular activities. Make the best use of the coming year and emerge as the winner.

Fuelled with higher aspirations and motivations, we carve out a luminous path each year and redefine success. I am confident that with renewed faith and vigour we will scale loftier heights and set benchmarks that make us all feel proud.

Dr. Beshiba Wilson

GENERAL *new*

- Networkz Systems and LMCST in Association with IEEE and ISTE organized a Tech and Full Stack Orientation Session On 1st August 2024. The programme was coordinated by Mr. Shiva Kumar R, Center Head of Networkz System. The convenor of the programme was Dr. Reeba Rex S, HOD, Dept. of ECE.
- A four day training programme on Drone Technology was conducted from 12th August 2024 to 16th August 2024 at LMCST. The resource person was Dr. G Maruthi Prasad Yadav, Head of Garuda Aerospace, Garuda Aerospace Pvt. Ltd., Chennai.
- Mr. Aasif N M, B-Tech Mechanical Engineering 2020-2024 Batch, LMCST has been selected as the Sunny Diamonds Out Sparkle winner.



- LMCST Signed MoU with Networkz Systems on 3rd September 2024.



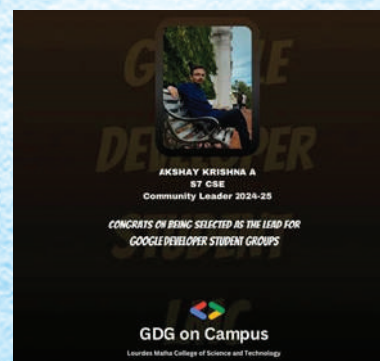
- LMCST Signed MoU with EDROOTS INTERNATIONAL on 28th October 2024.



- LMCST Signed MoU with ASAP Skill Development Centre (ASDC) on 1st January 2025.



- LMCST hosted Garuda India Hackathon by Garuda Aerospace to be a part of a transformative journey to solve real-world problems with drone technology on 4th October 2024.
- MuLearn LMCST conducted an AMD Campus Powerplay on 29th August 2024 at LMCST Campus.



- The Faculty Development Programme (FDP) on “Engineering through Gen AI” was organized by the Management of Lourdes Matha Group of Institutions on 3rd December 2024. The session aimed at educating faculty members on the rapidly advancing field of Artificial Intelligence (AI) with a particular focus on its integration in engineering applications. The keynote address was delivered by Mr. Gilroy Mathew, Senior Vice President and Head of Semiconductors and Engineering, U.S.T. He was accompanied by his technical team of three AI experts, who contributed valuable insights into their areas of expertise. Rev. Dr. Bejoy Arackal, Director of LMCST and Dr. Beshiba Wilson, Principal of LMCST were also present during the session. A total of 42 faculty members from various departments attended the FDP. The FDP was coordinated by Ms. Christy Jojy, Asst. Professor, Dept. of CSE.

FDP ON ENGINEERING THROUGH GEN AI
3rd December 2024


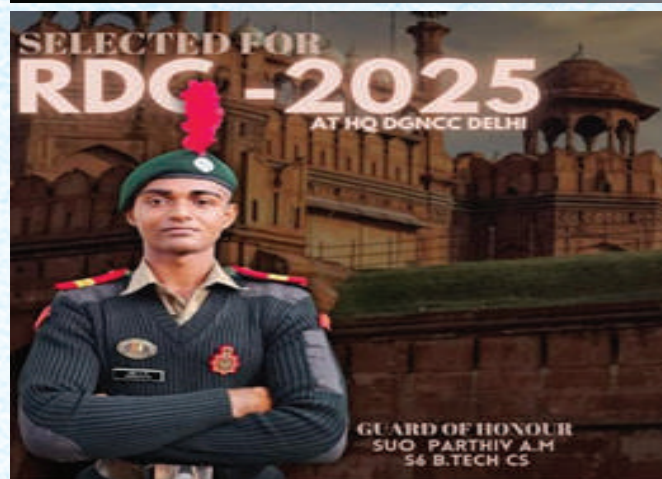


Speaker:
Mr. Gilroy Mathew,
Senior Vice President &
Head of Semiconductors
& Engg, UST



- LMCST welcomed the new President and Manager, Lourdes Matha Group of Institutions, Very Rev. Dr. John Thekkekkara.

Hearty Welcome
to our new President and Manager
Very Rev. Dr. John Thekkekkara

CONGRATULATIONS



AKSHAY KRISHNA A
S8 B.Tech CSE

Has been Selected for the Prestigious Viksit Bharat Young Leaders Dialogue with the Prime Minister of India Shri Narendra Modi on National Youth Day to be held at New Delhi.

CGPU (Career Guidance and Placement Unit)

- Four Students from CSE and MCA got placed in TCS.

Congratulations **TCS** TATA CONSULTANCY SERVICES **PLACEMENTS**



ANANTHU J P
MCA (2023-2024)



HARITHA T H
MCA (2023-2024)



SHYAMAPRASAD M S
MCA (2023-2024)



AJAYRAM R J
B.Tech CSE (2020-24)

- A training session on Interview Preparation and Personality Development was organized by CGPU and P&G (Campus Konnect Program) for all male students on 30th July 2024.



- CGPU organized an IELTS Master Class by IDP (International Education Specialists) for final year students on 21st August 2024. The resource person was Ms. Roweena B D'Couto.

First Year B-Tech Orientation Programme 2024

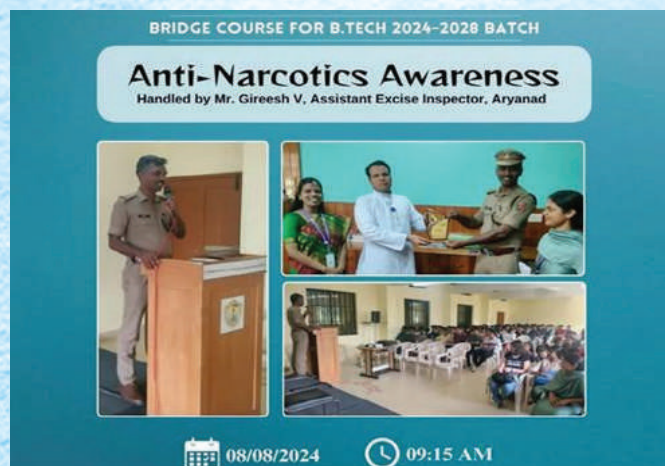
- The inaugural Ceremony of B-Tech Computer Science and Engineering with Artificial Intelligence Batch and Orientation of S1 B-Tech was conducted on 5th August 2024. The Chief Guest was Dr. Ashalatha R, Joint Director (Industry Institute Interaction Cell), Directorate of Technical Education.



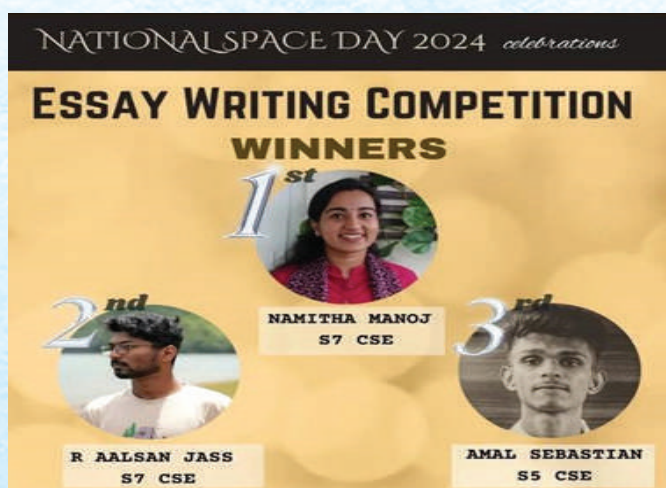
- The Bridge Course Sessions on 5th August 2024 were handled by Ms. Athira Rani A R, Assistant Professor, LMIMS on the topic "Know Yourself".
- The Bridge Course Sessions on 6th August 2024 were handled by Ms. Aleyamma Rajiv, Assistant Professor, Food Studies, LMIHMCT on the topic "Nutrition and Healthy Eating", Mr. Aswin P Chandran, CEO, Simple Logic Solution & Director, CGP Career Avenues on the topic "Engineering, an Ocean of Opportunities" and Mr. Thulasidharan S, Station Officer, Fire & Rescue Station, Kattakada on the topic "Fire and Safety-First Aid".



- The Bridge Course Sessions on 7th August 2024 were handled by Mr. Sabal Krishna S, Partner Engagement team, Gtech Mulearn, Muplay game dev lead, Unreal Engine developer on the topic "Introduction to Game Development" and Mr. Bijo Abraham, Career Life Coach and Talent Acquisition Expert & Founder of Select HR Solutions on the topic "Importance of Career & Life Planning".
- The Bridge Course Sessions on 8th August 2024 were handled by Mr. Gireesh V, Assistant Excise Inspector, Aryanad on the topic "Anti-Narcotics Awareness" and Dr. Syamnath R S, Assistant Professor & HOD, LMIMS on the topic "Leading by Example Inspiring by Action".



- IEEE LMCST organized an Essay Writing Competition on “Benefits of Space Exploration” and a Painting Competition on 9th August 2024 as part of National Space Day Celebrations. Dr. Reeba Rex S, HOD, Dept. of ECE and Mr. Akshay Krishna A, S7 CSE A were the coordinators of the event.



- IEEE Day PES Quiz prelims was conducted by IEEE PES Kerala Chapter as part of IEEE Day 2024 exclusively for first year B-Tech students on 15th October 2024.

UDYAMA 1.0

The Directorate of Technical Education, Kerala organized an Industry-Academia-Government Conclave 2024 in order to address the growing need to bridge the gap between academia and industry for the holistic development of students and the advancement of technical education. The conclave addressed the key areas like skill development, innovation, industry collaboration, and technology integration and this event was viewed as an attempt to achieve total quality improvement in the technical education system of Kerala.

As a part of Udyama 1.0 (SDG-Pre Conclave) Lourdes Matha College of Science and Technology in association with ED Club of college organised an Idea presentation competition (Team wise) “NOZIONE-2K24” for both MBA and B.Tech students. Program Respondent was Dr. Sunil J. (HOD, CE), Program Coordinator was Dr. Remya R. (Asst.Prof, ASH) and the Program Co-coordinator was Ms. Sanija John (Asst. Prof, EEE)

The Idea presentation – “Nozione 2k24” began with a welcome address by Dr. Remya R, Coordinator (Udyama 1.0 Pre-conclave). The competition was conducted for both MBA and B.Tech students on 23/08/2024 at IEDC Room at Mar Powathil block, LMCST. A total of 12 teams participated in the competition. The event for B.Tech students (11 Teams) was judged by Dr. Bindu M. V. (Associate prof. ME, LMCST) and Dr. Smitha J. C.(Professor & HOD, CSE, LMCST). The judging panel for MBA students (1 Team) was headed by Dr. Syamnath R. S. (HOD, MBA, LMCST) and Ms. Jeny R. J. (Asst. Prof, MBA, LMCST). The competition had helped the students to “Think outside the box” for finding solutions for the problems that the society is currently facing. The winners of the competition were:

First Prize:

- Ashish S. M. , S7 CE
- S. L. Bhagath, S7 CE

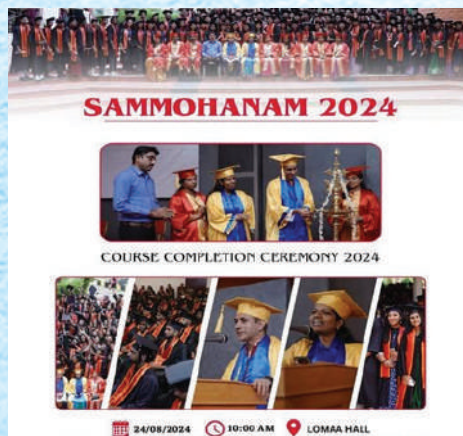
Second Prize

1. Namitha Manoj, S7 CSE
2. Anakha Nanda P. R., S7 CSE
3. Divya John, S7 CSE



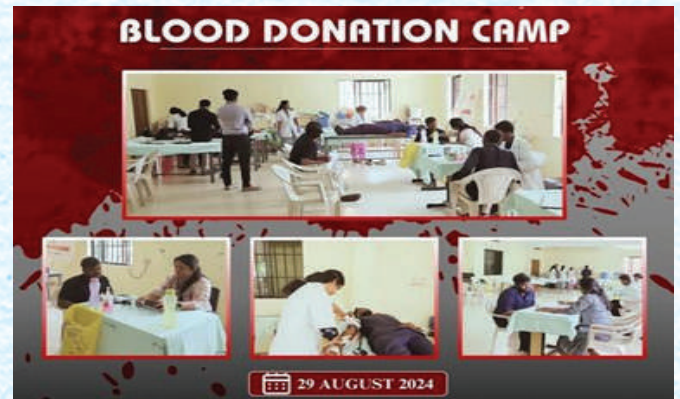
Sammohanam 2024

The Course Completion Ceremony, Sammohanam 2024 was conducted at LMCST Campus on 24th August 2024. The Chief Guest of the event was Dr. M Abdul Rahman, Director of LBS, Former Pro-VC of APJAKTU and Former Director of AICTE.



NSS (National Service Scheme)

- NSS unit of LMCST organized a Blood Donation Camp on 29th August 2024 at LMCST Campus for the Blood Bank of SCT Trivandrum.
- NSS unit of LMCST organized an orientation on Rudhirasena, a flagship event of APJAKTU on 30th August 2024. The speaker of the event was Mr. Athul Ram, Rudhirasena Regional Coordinator, Thiruvananthapuram. The unit coordinators were Ajay S and Nayana S P.



- NSS LMCST Unit participated in the Swachhata Hi Seva Campaign from 17th September 2024 to 2nd October 2024 which included human chain, Swachhata competition, cleanliness drives and waste management seminar organized by the Central Government, Indian Railways and Kerala Suchitwa Mission.



- LMCST hosted MANN KI BAAT Quiz Competition – Season 4 conducted by Nehru Yuva Kendra, Trivandrum, Ministry of Youth & Sports (Govt. of India) in association with NSS Unit on 28th October 2024.



Research Awards 2024

- LMCST Research Awards were received by Dr. Reeba Rex S, HOD, Dept of ECE, Dr. Syamnath R S, HOD, Dept of MBA, Ms. Jeny R J, Assistant Professor, Dept of MBA, Ms. Indu Rajan, Assistant Professor, Dept. of CE and Ms. Sini S L, Lab Instructor, Dept of ECE.



IEDC (Innovation and Entrepreneurship Development Cell)



- The IEDC of LMCST (InnovateX) has conducted an orientation session for the first-year students organized on 12/9/2024 at Arts Seminar Hall. A total of 130 students attended the session. Ms. Sreethu L Kumar (Nodal Officer, IEDC LMCST) briefed the importance of IEDC in College, Mr. Akshay Krishna A, Student Lead 1(S7 CSE) elaborated more about the activities conducted under IEDC, the opportunities and challenges.



- The IEDC of LMCST (InnovateX) in association with Mulearn conducted a Bridge course for the first-year students on "Importance of Career & Life Planning" on 7th August 2024 from 9.30 am to 3.45 pm at Arts Seminar Hall. Mr. Bijo Abraham (Career Life coach and Talent Acquisition Expert, Founder of Select HR Solutions) handled the session by providing the insights of the topic.



- As part of Udhyaama 1.0 pre-conclave, a 3-day seminar has been organized in our college under IEDC which focuses on different sustainability aspects. Each session was handled by different resource persons based on their area of expertise. The seminar was structured in 5 sessions from Sep 9 to Sep 11, 2024. 3 sessions were handled by the faculty members of LMCST and 2 sessions were handled by external resource persons. "Solar Energy, Technologies, Challenges and its Possibilities" by Dr. Johnson V, Postdoctoral Fellow in Technology Management, University of Kerala and "Role of Clean Energy on Sustainable Development" by Dr. Aruna N S, Jal Urja Mitra Skill Development Energy Management Centre.



- The IEDC of LMCST (InnovateX) has conducted Smart India Hackathon (SIH) in our college on 27/09/2024 from 12.30pm onwards at IEDC Room, LMCST. A total of 4 teams registered for the Internal Hackathon. 3 problem statements from hardware category and 1 problem statement from software category. During the Internal Hackathon, improvements were suggested to students. It was jointly decided to nominate all 33 teams for SIH with modifications in the ppts wherever applicable. Ms. Asha Chandran (AP, CSE), Ms. Betty P Justin (AP, CSE), Mr. Sreejith S J (AP, ME) were the judges.





EUREKA 2024

- Lourdes Matha Group of Institutions organized MAR JOSEPH POWATHIL MEMORIAL INTER-SCHOOL QUIZ COMPETITION EUREKA 2024 south zone on 30th November 2024. 1st prize (Cash award ₹5000 & Trophy) was received by Navaneeth Krishna M, St. Joseph HSS, Thiruvananthapuram. 2nd prize (Cash award ₹3000 & Trophy) was received by Saugandh V J, P R William School Kattakada and 3rd prize (Cash award ₹2000 & Trophy) was received by P R Karthik, St. Shantal English Medium School, Malamugal.



KENOSIS 2024

LMCST conducted Christmas celebrations KENOSIS 2024 on 20th December 2024. The competition events were Christmas Carol Competition (Joyeux Noel), Christmas Dance Competition (Tinsel Bells) and Christmas Crib Competition (Buon Natale). A Christmas Quiz by Christmas Father was also coordinated by the Dept. of MBA. Cakes were distributed to all the Staff and Students.



Staff Club Christmas Celebrations

Staff members of LMCST celebrated Christmas titled 'Jingle & Mingle' on 20th December 2024. The event started with a Carol song by LMCST staff members followed by the Christmas message by Rev. Dr. Bejoy Arackal, Director, LMCST. The main highlight of the event was gift exchange by all staff members of LMCST to their Christmas friends. The event ended with a grand lunch for all the staff members.

ISTE (Indian Society for Technical Education)

- The Department of CSE conducted Sessions on "Indian Space Mission and Chandrayaan-3" on 9th August 2024 in association with ISTE LMCST as part of National Space Day. The resource persons were Mr. Aseem K S (Technical Officer D, Liquid Propulsion System Centre, Valiamala, ISRO), Ms. Anjumol K S (Scientist/Engineer SC, Liquid Propulsion System Centre, Valiamala, ISRO) and Ms. Anumol P G (Sr. Technical Assistant A, Liquid Propulsion System Centre, Valiamala, ISRO). Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE). A total of 160 students from S3 and S7 CSE participated in the seminar.

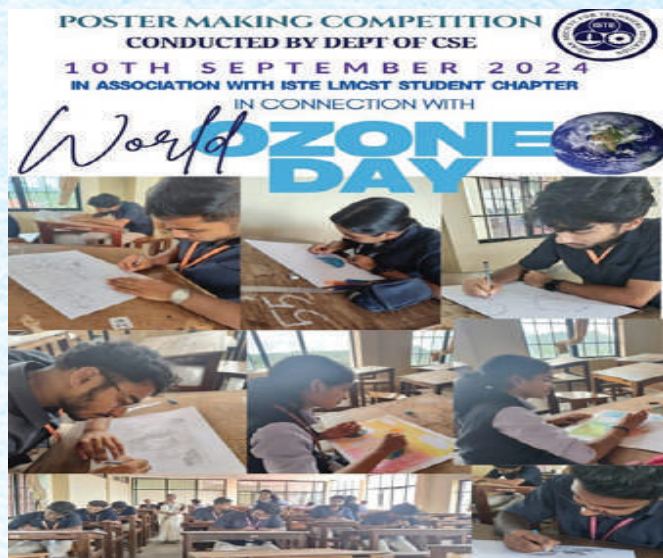


- The Department of CSE in association with ISTE LMCST Student Chapter conducted GK Quiz as part of Engineers Day in India on 10th September 2024. Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE). A total of 28 students participated in the quiz. The First Prize winners were Jans Jossy-S5 CSE, Binjo B Achothil-S5 CSE. The Second Prize winners were John Roy-S5 CSE, Surya Narayanan G-S5 CSE. The Third prize winner was Jais Thomas - S5 CSE.



- The Department of CSE in association with ISTE LMCST Student Chapter conducted a Poster Making Competition as part of World Ozone Day on 10th September 2024. Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE). A

total of 17 students participated in the poster making competition. The First Prize winner was Namitha Manoj -S7 CSE, The Second Prize winner was Jince M Cherian – S5 CSE, and the Third Prize winners were Akshaye K S – S5 CSE and Jais Thomas – S5 CSE.



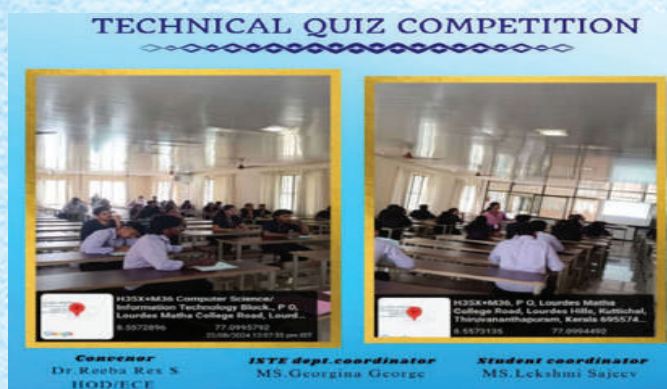
- Department of Electrical and Electronics Engineering in association with ISTE Student Chapter organized an Essay Writing Competition as part of Gandhi Jayanti on 4th October 2024. 16 students participated in the competition.



- Department of Electrical and Electronics Engineering in association with ISTE Student Chapter organized a Quiz Competition as part of Independence Day on 16th August 2024. 35 students participated in the quiz.



- The Electronics and Communication Engineering department in association with ISTE student Chapter organized a 'BHARAT KI ATMA' Quiz on 22-08-2024.



FIRST PRIZE winners were 1. Megha S. - S3 ECE 2. Anjana V Kumar - S7 ECE

SECOND PRIZE winner was Aishwarya L P – S3 ECE

THIRD PRIZE winners were 1. Sneha S – S3 ECE 2. Gowry J S – S3 ECE

• ESSAY WRITING COMPETITION

As part of Independence Day celebration, department of Civil Engineering in association with ISTE student chapter conducted a essay competition about Vikasit Bharat – role of

students on 16th August 2024 (11.00 am – 1200 pm) at CE drawing hall . 13 students participated in the competition. Aleena Ann Antony, S5 CE and Midhun Krishna M S, S7 CE coordinated the event and results are shown below.

Position	Name	Class
First	Namitha P J	S7 CE
Second	Jesika B	S7 CE

Sanjana K Chandran, Assistant Professor, Department of English, Lourdes Matha College of Arts and Science evaluated the essays.

• 3D Printing & Additive Manufacturing Workshop

The Department of Mechanical Engineering, in association with the ISTE Student Chapter, organized a 3D Printing & Additive Manufacturing Workshop for Mechanical Engineering students of Lourdes Matha College of Science and Technology on 10th September 2024. The workshop was held at DH 1 hall and was led by Assistant Professor Mr. Dijin J. S, who served as the resource person.

Workshop Overview

The workshop aimed to provide students with a comprehensive understanding of 3D printing and additive manufacturing technologies, which are revolutionizing the manufacturing industry. The session covered various aspects of the technology, including its principles, applications, materials, and future trends.

The workshop provided students with valuable insights into the latest advancements in additive manufacturing. It enhanced their technical knowledge, problem-solving skills, and innovation mindset. The hands-on demonstration helped students understand the practical aspects of 3D printing, making the session highly engaging and informative.

The 3D Printing & Additive Manufacturing Workshop was a great success, equipping students with essential knowledge about emerging manufacturing technologies. The Department of Mechanical Engineering and the ISTE Student Chapter expressed their gratitude to Mr. Dijin J. S for his valuable contribution. The workshop concluded with an interactive Q&A session, where students clarified their doubts and discussed potential career opportunities in additive manufacturing.



DEPARTMENT OF MANAGEMENT STUDIES

DEPARTMENT EVENTS

LIFE OF AN AMAZONIAN

An interactive session on the topic- “Life of an Amazonian” was handled by Mr. Pradeesh Vijayan Kurisingal, Learning Coordinator, Amazon, Canada for MBA students on 11th September 2024, Wednesday at LOMAA Hall between 11.30 a.m and 12.30 p.m. The resource person briefed the candidates on the various activities done at Amazon warehouse before the final product reaches the customer. A video presentation of the various tasks carried out by warehouse workers was also shown which helped the students to get an understanding of the warehouse environment of Amazon. The resource person also mentioned that Amazon follows 16 principles in all its work and narrated the importance of customer obsession by quoting an example. The students were advised to work hard, have fun, and make history in a better way by taking a leaf out of the book written by Jeff Bezos, CEO of Amazon. The session was very inspiring and fruitful.

REPORT ON DISTRIBUTION OF POTHICHORU

As per curriculum and social commitment exposure, distribution of pothichoru was conducted. The event was organized on 30/08/2024 Friday by S3 MBA students headed by Mr. Rinshad Mohammed and animated by Mrs. Athira Rani, staff coordinator. The pothichoru was brought by students and staff from their home and was collected in the morning. By 11 am Rinshad Mohammed, Jomy Joseph, Akshai Robin, Noel Jacob and Alan Mathew, the representatives of students left the campus to distribute the food in General Hospital at Neyyattinkara. The pothichoru was distributed among patients and bystanders in the hospital. There the Pothichoru was completely distributed. After the distribution of food, students returned back to the college by 2 PM.



Onam Function

Onam, the vibrant and traditional festival of Kerala, was celebrated with great enthusiasm and joy on 13th September 2024 at our institution (LMIMS). The event successfully brought together students, staff, and faculty, creating a festive atmosphere filled with cultural pride and unity. The event featured a variety of programs and activities that embraced the traditional and festive spirit of Onam.



“Financial education for young citizens”

A 2-day Session for batch 20 students of Lourdes Matha Institute of Management Studies and B.com students of Lourdes Matha College of Arts and Science was conducted on September 25 & 26, 2024 handled by Mr. Manoj T Neelakantan, who is a Resource Person with IICA (established by Ministry of Corporate Affairs, Govt. of India) and also certified by NISM (established by SEBI, Govt. of India) in various topics including Securities Research and Investment Advisory. There were 4 sessions, 2 sessions on the first day and 2 sessions on the second day. The first session started at 10:00 am with team formation and had class on “Introduction on Securities Market and Importance of investment”. There was a pre quiz, which energized the participant’s competitive level. Second session started at 1:25 pm, took classes about the “Financial investment opportunities, E-KYC online registration and Investment in primary Market” and there was a Tower game and a Dumb charades game on the basis of accounting terms which helps the participants to boost coordination and teamwork. The first session of the second day started at 9.30 am with a stock exchange game and it described how to invest and exchange the stocks in the market.



Research Methodology Workshop

Dr Shyamnath R.S, HOD of Lourdes Matha Institute of Management Studies conducted a Session on final project report submission for batch 19 students of Lourdes Matha Institute of Management Studies on November 4, 2024. The session started at 11 am and ended at 12:30 pm. The

session was about “The variables and factors of the final project report”. The session explained how to choose topics for the research. He explained that while choosing a topic there should be a dependent and independent variable. The main intention was to give an idea about how these variables are connected to each other. He explained that while selecting an independent topic for the research there has to be at least two dependent variables which are directly connected to the research topic that can be measured. He stated that a researcher also needs to be able to explain how the independent variables are causing the dependent variables to change.



MaxEd for Geojit Company

A survey was conducted by MaxEd on behalf of Geojit Company to analyse customer perspectives regarding Geojit's services and application. The target audience comprised Geojit customers, and the survey was conducted in person. The primary aim was to gather qualitative feedback on customer service and application usability to identify areas of improvement and understand customer satisfaction levels. The survey included open-ended questions, allowing participants to share detailed opinions. It was conducted over five days, from 26th November 2024 to 30th November 2024. A total of 10 participants were selected through convenience sampling, focusing on customers willing to engage in the survey. Basic demographic information, including age, gender, and phone number, was recorded to provide a profile of the respondents.

FACULTY NEWS

ATTENDING FDP

- Dr. Syamnath R S(HOD), Dr. Ranjit Thomas (Associate Professor) and Jeny R J (Assistant Professor) Attended 2 days FDP on Education 5.0: Innovate,Educate,Elevate organized by Rajadhani Business school on 11th and 12th July 2024.

STUDENT NEWS

ACADEMIC TOPPERS

S3 MBA (2023-2024)

ANUPAMA B A,
SGPA:7.89



GOWRI NANDA
SGPA: 7.7



PLACEMENTS





DEPARTMENT OF COMPUTER APPLICATIONS

DEPARTMENT EVENTS

- Department of computer Application STARC association conducted an online poster making competition on 11th August 2024 as part of International Literacy Day.
- MCA department conducted ELEVATE 2024 (Inauguration of 20th batch of MCA) on 25th September 2024. The Chief Guest was Mr. Sunil Jose (Vice president engineering services and centre head INFOSYS Trivandrum). A token of appreciation was given to our university rank holders Arun Shankar (MCA 2023-2025 Batch) and Shyama Prasad M S (MCA 2022-2024).
- MCA 2023-2025 Batch students visited UST CAMPUS Trivandrum.



STUDENT NEWS

- Midhun R S(S3 MCA) Visited Allianz on 5th August 2024 for attending Ignite 2.0 programme.



- Midhun R S got third prize in a painting competition conducted on 9th August 2024 as part of National space day celebrations.
- Midhun R S and Arun Shankar (S3 MCA) visited EY to attend the Ignite 2.0 program on 12th August 2024. They visited for giving review feedback for the programs they conducted in our college as part of their kalalayam programs.
- MCA department Conducted a bridge course for first semester MCA students(Batch 2024-2026) from 21/08/2024 to 11/09/2024

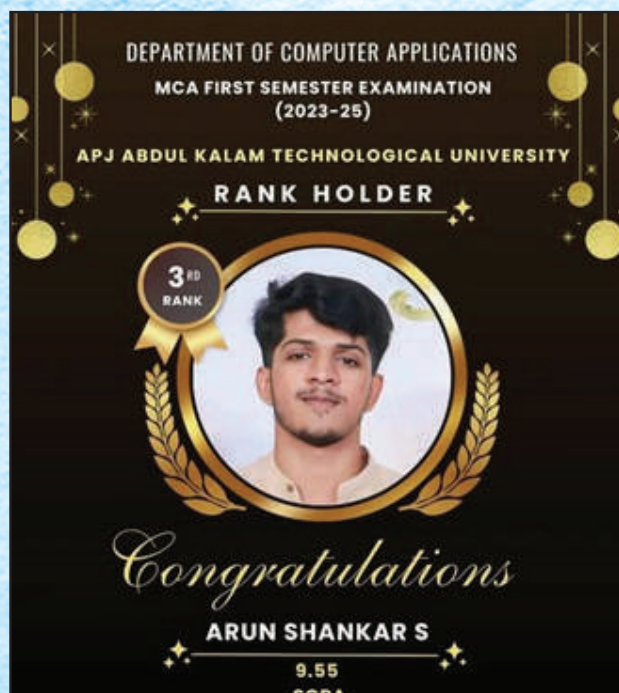


PLACEMENTS





ACADEMIC TOPPERS

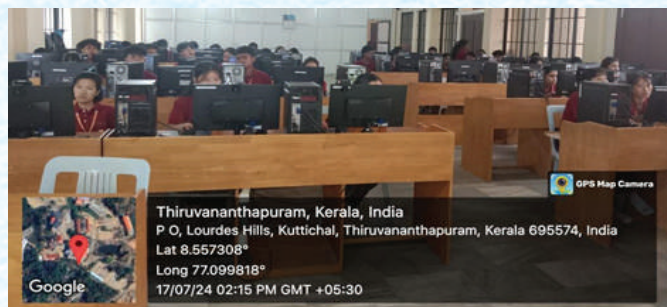


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DEPARTMENT EVENTS

- Department of CSE in association with Lourdes Matha Association of Computer Engineers (LOMACE) organized a 30 hr Add-on Course in Microsoft Office Specialist (Excel) from 2nd July 2024 to 19th July 2024. The Sessions were handled by Dr. Beshiba Wilson, Ms. Renetha J B, Ms. Asha S, Ms. Archa A T and Mr. Briju Gopinath. Ms. Asha Chandran S and Ms. Betty P Justin were the faculty coordinators of the Programme.





- The Department of CSE in association with NxtWave organized a workshop on AI writes, Codes, Creates and much more on 3rd August 2024. The session was handled by Mr. Abhinav Devaguptapu, Professional Trainer at DRDO and the Indian Army Curriculum Development Manager, NxtWave.
- The Department of CSE organized a Session in association with the Computer Society of India on Tech and Full Stack Orientation on 2nd August 2024. The sessions were handled by a team from Networkz Systems. Ms. Ambily Jane was the faculty Coordinator of the Programme.
- The Department of CSE conducted Sessions on Indian Space Mission and Chandrayaan-3 on 9th August 2024 in association with ISTE LMCST as part of National Space Day. The resource persons were Mr. Aseem K S (Technical Officer D, Liquid Propulsion System Centre, Valiamala, ISRO), Ms. Anjumol K S (Scientist/Engineer SC, Liquid Propulsion System Centre, Valiamala, ISRO) and Ms. Anumol P G (Sr. Technical Assistant A, Liquid Propulsion System Centre, Valiamala, ISRO). Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE).
- The Department of CSE in association with ISTE LMCST Student Chapter conducted GK Quiz as part of Engineers Day in India on 10th September 2024. Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE).
- The Department of CSE in association with ISTE LMCST Student Chapter conducted a Poster Making Competition as part of World Ozone Day on 10th September 2024. Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE).
- The Department of CSE in association with ICFOSS conducted a Two-days Hands-On Workshop on AI/ML from 29th to 30th August 2024 for final year CSE students. The resource persons were Mr. Afzal S and Mr. Muhammed Fawzan from ICFOSS. Ms. Asha S was the

Faculty Coordinator of the programme.

- The Department of CSE conducted an Alumni Talk on 10th September 2024. The Sessions were handled by the Alumni of LMCST, CSE Dept, Mr. Harshith A S (Associate Project Manager, Polus Software Solutions Pvt Ltd) and Mr. Flemin Moses George (Software Engineer, Polus Software Solutions Pvt Ltd). Ms. Anjana Thampy S was the Faculty Coordinator of the programme.
- The Department of CSE in association with ISTE LMCST Student Chapter organized a Painting Competition as part of International Day of the Girl Child on 11th October 2024. The event was conducted on 10th October 2024. Ms. Divya Christopher was the Faculty Coordinator of the programme. The student coordinators were Shivani R Nair (S7 CSE), Melbin martin (S5 CSE), Aakshna T (S3 CSE) and Aardra P Nair (S3 CSE).
- The Department of CSE in association with LOMACE organized a session on Career Journey in a Fresher Perspective on 13th November 2024. The resource person was Mr. Ajumal T, BDO, CGP Career Avenues. Ms. Asha Chandran was the Faculty Coordinator of the programme.

FACULTY NEWS

Dr. Beshiba Wilson

- Handled a session entitled A Journey to Success - Motivational Talk on 10.07.2024 as part of the Orientation Programme of Lourdes Matha College of Arts and Science.
- Participated in the Faculty Development Programme on Innovative Teaching and Learning Pedagogy organised by Research Foundation India and Council of Academic Research and Educational organisation (RFI-CARE) from 23.07.24 to 27.07.24.
- Served as Resource Person for the 30 hour Add-on Course on 'Microsoft Office Specialist - Excel' Organized by the Department of Computer Science and Engineering, LMCST from 02.07.2024 to 19.07.2024.
- Successfully participated & completed the AICTE Training And Learning (ATAL) Academy Faculty Development Program on Generative AI and its Applications with Computer Vision at Lalbhai Dalpatbhai College of Engineering Ahmedabad from 16/12/2024 to 21/12/2024.
- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on The future of Quantum computing and High-performance computing (HPC) at P.S.V.COLLEGE OF ENGINEERING AND TECHNOLOGY from 23/12/2024 to 28/12/2024.

Dr. Smitha J C

- Served as judge for NOZIONE 2K24 held on 23rd August 2024 conducted by ED Club in association with LMCST as part of UDYAMA 1.0 Pre-Conclave activities.
- Attended a Programme Development Workshop on the IT/ITES Sector held on 21/11/2024 organized by K-DISC under the Kerala Knowledge Economy Mission (KKEM).
- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

Ms. Priya Sekhar S

- Completed the FDP on Counselling and Academic Mentoring organized by the Human Resource Development Centre(HRDC) of the University from 01.07.2024 to 05.07.2024 at Government Engineering College,Barton Hill
- Participated in a six day bootcamp on Design Thinking held from 15th July 2024 to 20th July organized by SRM Institute of Science and Technology.
- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.
- Handled a session entitled AI in Everyday Life on 10th July 2024 as part of the orientation Programme of Lourdes Matha College of Arts and Science.

Ms. Renetha J B

- served as ResourcePerson for the 30 hour Add-on Course on 'Microsoft Office Specialist -Excel' Organized by the Department of Computer Science and Engineering,LMCST from 02 July 2024 to 19 July 2024.
- Participated in five days FDP on Algorithmic thinking with python organized by Department of CSE Bishop Jerome institute from 7th to 12,th September 2024.
- Session Chair of the Recent Trends in Computing Track for the International Conference on Advance in Management, Energy, Engineering and Technology (ICAMEET 2024) organized by Lourdes Matha College of Science and Technology, Trivandrum, India during 13-14 June 2024.
- Successfully completed the Infosys Certification on Artificial Intelligence Foundation on June 30 2024.

Ms. Asha A S

- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

Ms. Lekshmi Chandran

- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

Ms. Christy Jojy

- Participated in the five-days faculty development programme on 'Engineering Entrepreneurship and IPR' organized by the Department of Electrical and Electronics Engineering in association with IEDC, IQAC and IIC from 30th October 2024 to 3rd Jan 2025.
- Successfully completed the Infosys Certification on Artificial Intelligence Foundation.
- Successfully completed the Infosys Certification on Artificial Intelligence Primer.

Ms. Divya Christopher

- Completed AICTE Training and Learning (ATAL) Academy FDP on "Cutting-edge approaches to Natural Language Processing and Large language models at Dr. J J Magdum College of Engineering from 16/12/2024 to 21/12/2024
- Actively participated in the Five-days FDP on "Algorithm Thinking with Python" organized by Department of CSE, Bishop Jerome Institute in association with Pencil Bitz from 07 Sep 2024 to 12th Sep 2024.
- Attended Five Days International Virtual FDP on "Exploring New Frontiers in Teaching Tools, AI and Data Analytics" organized by MEASI Institute of Information Technology, Royapettah, Chennai from 29-07-2024 to 02-08-2024.

Ms. Anjana Thamby

- Served as Session Chair of the Recent Trends in Computing Track for the International Conference on Advance in Management, Energy, Engineering and Technology (ICAMEET 2024) organized by Lourdes Matha College of Science and Technology, Trivandrum, India during 13-14 June 2024.
- Successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural

Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

- Participated in a six day bootcamp on Design Thinking held from 15th July 2024 to 20th July organized by SRM Institute of Science and Technology.
- Presented a Paper “Advancing Multimodal Sentiment and Emotion Detection: Exploring Text Analysis with Hybrid ALBERT - BiLSTM Model” in Hinweis International Conference on Recent Trends in Engineering and Technology (RTET) during 29 December 2024.

Ms. Asha S

- successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

Ms. Asha Chandran

- successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Cutting-Edge Approaches to Natural Language Processing and Large Language Models at DR. J.J. MAGDUM COLLEGE OF ENGINEERING from 16/12/2024 to 21/12/2024.

Ms. Archa A T

- Successfully completed infosys foundation certification on Artificial Intelligence foundation.
- Served as Resource Person for the 30 hour Add-on Course on ‘Microsoft Office Specialist -Excel’ Organized by the Department of Computer Science and Engineering, LMCST from 02 July 2024 to 19 July 2024.
- Handled a session entitled AI in Everyday Life on 10th July 2024 as part of the orientation Programme of Lourdes Matha College of Arts and Science.
- Participated in the six days FDP on “Generative AI Revolution :Navigating the opportunities and challenges” organized by the Department of Computer Applications, FISAT on 12th August to 19th August.
- Published a paper titled “A Review on Privacy Enhanced Distributed ML Against Poisoning Attacks” on International Conference on Cyber security and Communication networks, included in Lecture Notes in Networks and Systems,(LNNS volume 1032).
- Published a paper titled “SecureTransfer: A Transfer Learning Based Poison Attack Detection in ML Systems “ in Scopus and ESCI indexed journal, International Journal of Advanced Computer Science & Applications, 2024, Vol 15, Issue 7, p1451.

Ms. Betty P Justin

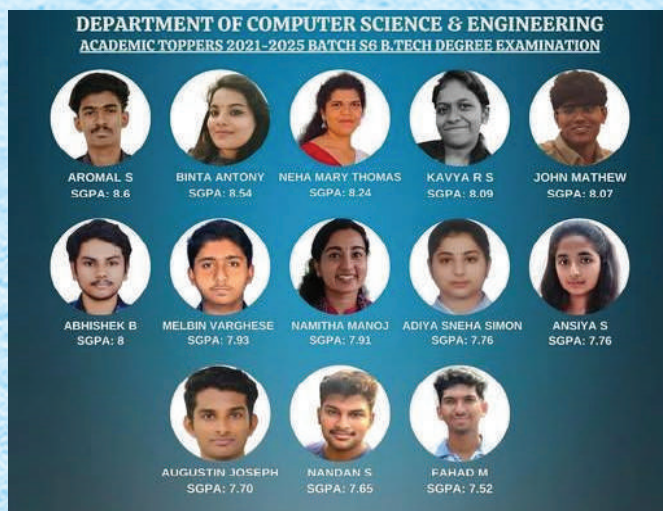
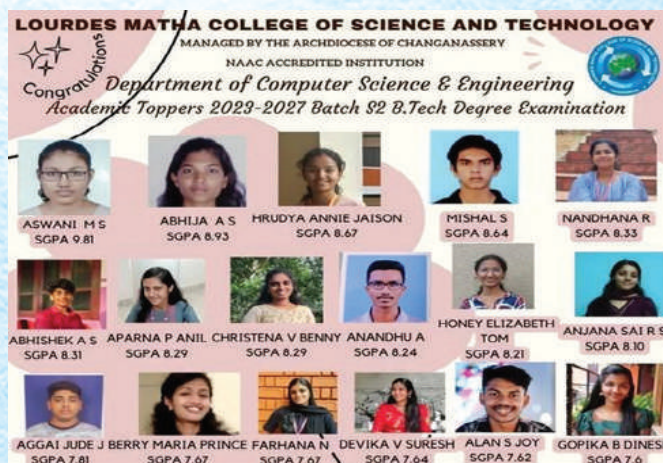
- Participated in the five-days faculty development programme on ‘Engineering Entrepreneurship and IPR’ organized by the Department of Electrical and Electronics Engineering in association with IEDC, IQAC and IIC from 30th October 2024 to 3rd Jan 2025.

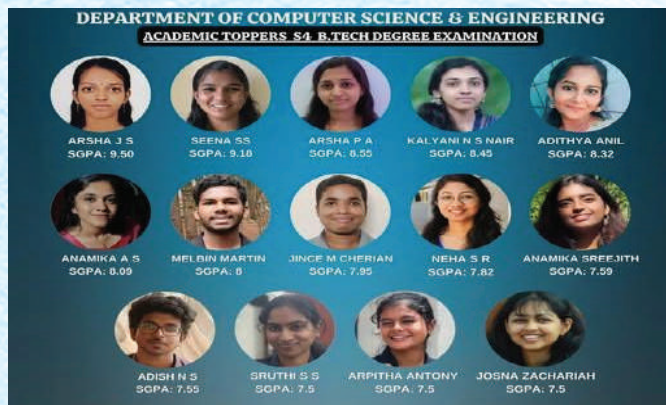
Ms. Sreethu L

- Participation in the 6-day STTP on “Introduction to Data Science and Machine Learning” organized by the Department of Internet of Things and Cyber Security of Providence College of Engineering, Chengannur from 09.09.2024 to 14.09.2024.

STUDENT NEWS

Academic Toppers





Placements



- Johaan Paul Joe and Sumitha Varghese of 2020-2024 batch got placement in Zafins.
- Algeena Shaji of 2020-2024 batch got placement in EXL.
- Josephina Benny of 2020-2024 batch got placement in IGNOSI ENTERPRISES.
- Sumitha Varghese of 2020-2024 batch got placement in G10X.
- Joshu Joseph of 2020-2024 batch got placement in Nex Info.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT EVENTS

- The ECE Department organized an “Orientation session on Tech and Full-Stack” for all ECE Students on 06/08/2024 (Tuesday) from 10 AM to 11 AM. The session was handled by Mr. Mohammed Khalid (Technical Head). Student Coordinators were Pooja(S7 ECE) and Anjana(S7 ECE). Convenor of the event was Dr.Reeba Rex S and Staff coordinator was Ms. Soorya S R.



• Essay Writing Competition (IEEE)

In celebration of National Space Day IEEE Student Branch, LMCST conducted an Essay writing Competition on August 9, 2024 to explore the fascinating world of space science. The competition saw enthusiastic participation from students across various disciplines, all eager to showcase their critical thinking and writing skills on the theme “Benefits of Space Exploration.”

A total of 64 students participated in the essay writing competition, each bringing their unique insights and perspectives on the assigned theme: “Benefits of Space Exploration.” This theme was selected to encourage students to think critically about the various advantages that space exploration offers to humanity, from technological innovation to the potential for future colonization. Co-ordinators were Dr. Reeba Rex and Akshay Krishna A.



First Place in Essay writing competition was secured by NAMITHA MANOJ of S7 CSE while at Second Place was R AALSAN JAAS of S7CSE and Third Place was bagged by AMAL SEBASTIAN of S5 CSE.

● Painting competition (IEEE)

In celebration of National Space Day on August 9, 2024, IEEE Student Branch of Lourdes Matha College of Science and Technology organized a painting competition aimed at encouraging students to explore and express their understanding of space through visual art. The event attracted a total of 84 students from various disciplines, all eager to showcase their artistic talents on the theme "Space Travel 2047." The theme was chosen to inspire participants to think about the technological advancements and possibilities that could shape space exploration over the next few decades.

The painting competition was a vibrant and successful event that allowed students to explore their creativity and deepen their understanding of space exploration. Co-ordinators were Dr. Reeba Rex and Akshay Krishna A.

First prize was secured by Abhijitha U R of S7 EEE while Second Prize was bagged by Midhun R S of S3 MCA and Third prize went to Aksha AB of S3 CSE.



● Quiz Competition (ISTE)

The Electronics and Communication Engineering Department in association with ISTE student Chapter organized a Quiz Competition on 22/08/2024 [Thursday] for ECE students. The program had a participation of over 30 students. The Quiz competition named 'Bharat Ki Atma' was conducted at Mother Theresa Hall. First prize was shared between Megha S of S3 ECE and Anjana V Kumar of S7 ECE. Second prize was bagged by Aishwarya L P of S3 ECE. Third prize was shared by Sneha S of S3 ECE and Gowry J S of S3 ECE. Student coordinator was Lekshmi Sajeev, Staff coordinator was Ms. Georgina George, Assistant professor ECE Dept, LMCST and Program convenor was Dr. Reeba Rex, HOD ECE Dept, LMCST.



● Poster making Competition (ISTE)

The Electronics and Communication Engineering Department in association with ISTE student Chapter organized a poster making Competition for ECE students on 24 September 2024 in regard with Ozone Day. The program was conducted in Mother Theresa Hall and had the participation of 20 students from the department with each team having two participants. The theme selected was 'Ozone for Life'. First prize was won by S.P Pooja and Anjana V Kumar of S7 ECE. Student coordinator was Archa Krishna (S3 ECE), Staff coordinator was Ms. Georgina George, Assistant Prof., ECE and Program Convenor was Dr. Reeba Rex, H.O.D, ECE.



STUDENT NEWS

- Aishwarya L P of S3 ECE secured second prize for the Mann Ki Baat Quiz Competition Season 4 conducted on 28/10/24 by Nehru Yuva Kendra, Trivandrum.

Placements:

- Anjana V Kumar, Gokul GB and Devika Nandana S B of ECE 2021-2025 batch got placed at Schneider Electric.
- Devika Nandana S B , Navaneeth P S, Gokul G B and Anjana V Kumar of ECE 2021-2025 batch got placed at Sutherland.
- Gokul G B , Reuben V R, Anjana V Kumar and Navaneeth P S of ECE 2021-2025 batch got placed at Tech Mahindra..

FACULTY NEWS

Ms.Bincy Louis

Successfully participated and completed ATAL(AICTE Training and Learning) Academy Faculty Development Program on '5G and Beyond :Research Directions and Opportunities' which was conducted from 02/12/24 to 07/12/24 at Mar Baselios College of Engineering and Technology, Trivandrum.

Ms.Soorya S R

Successfully participated and completed ATAL(AICTE Training and Learning) Academy Faculty Development Program on '5G and Beyond: Research Directions and Opportunities' which was conducted from 02/12/24 to 07/12/24 at Mar Baselios College of Engineering and Technology, Trivandrum.

Mr.Binu Chacko

Successfully participated and completed ATAL(AICTE Training and Learning) Academy Faculty Development Program on Concepts and Applications of VLSI Design for Semiconductor Industries with hands on Training' which was conducted from 09/12/24 to 14/12/24 at College of Engineering, Perumon.

ACADEMIC TOPPERS



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

DEPARTMENT EVENTS

- The Department of Electrical & Electronics Engineering, in association with the ISTE Student Chapter, organized a Quiz Competition on 16th August 2024 as part of the Independence Day Celebrations. The competition witnessed enthusiastic participation from students across various semesters.

The winners of the competition were:

- Gowri Krishna M.V. (S3 EEE)
- Leveena Pereira (S5 EEE)
- Neelakandan M.S. (S5 EEE)
- The Department of Electrical & Electronics Engineering organized an Alumni Talk for the students of the department. The session was held to provide insights into career opportunities and industry expectations in the field of technology. The resource person for the session was Mr. Vimal Vishwambaran, an esteemed alumnus of the department and currently a Senior PL/SQL Developer at UST Global, Software Lab.
- The Department of Electrical & Electronics Engineering, in association with KSEB, organized a Power Quiz Competition on 26th September 2024. The event took place at St. Theresa's Hall and was aimed at enhancing students' knowledge in the field of power systems and energy. The competition saw enthusiastic participation from students, who showcased their technical expertise and understanding of power-related topics.

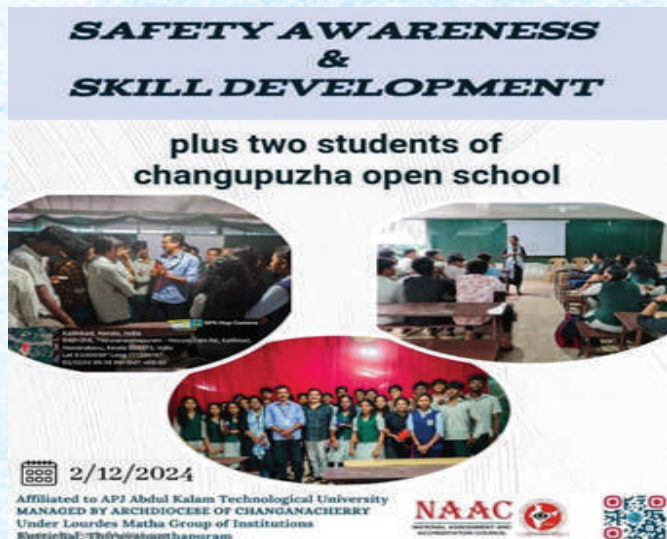


- The Department of Electrical & Electronics Engineering, in association with the ISTE Student Chapter, organized an Essay Writing Competition on 4th October 2024

as part of the Gandhi Jayanthi celebrations. The competition aimed to honor the ideals of Mahatma Gandhi by encouraging students to reflect on his values and their relevance in today's world. The winners of the competition were:

Nengneilhing (S3 EEE)
Gokul G.R. (S7 EEE)
Sarath S.P. (S7 EEE)

- The Department of EEE has organized a “Safety Awareness & Skill Development Program” for plus-two students of Changampuzha Open School on 12th December 2024.

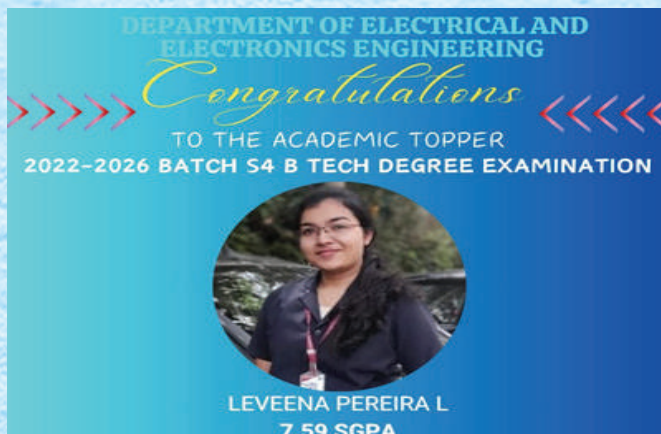


- Ms. Jean Dickson of EEE Dept. has participated in AI POWER 24, a Technical Conclave on “AI in Sustainable Energy System Development” Organized by the IEEE Student Branch (34451) and IEEE Power & Energy Society Chapter on November 7th & 8th 2024, Kalasalingam Academy of Research & Education.
- Ms. Renu V of EEE Dept. has participated in the National Level 6-day Hybrid Faculty Development Program on “Applied Research in Electric Vehicle technology And Renewable Energy Integration” organised by Department of Electrical & electronics Engineering, Adi Shankara Institute of engineering & Technology, Kalady, Kerala from 1st to 6th July 2024.
- Ms. Renu V of EEE Dept. has participated in 5 Day Online Workshop on MATLAB & SIMULINK conducted by Centre for Artificial Intelligence, TKM College of Engineering, Kollam from 14th to 18th September 2024.
- Ms. Jean Dickson of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.
- Ms. Renu V of EEE Dept. has participated in AI POWER 24, a Technical Conclave on “AI in Sustainable

Energy System Development” Organized by the IEEE Student Branch (34451) and IEEE Power & energy Society Chapter, Kalasalingam Academy of Research & Education, on November 7th & 8th 2024.

- Ms. Ashitha M of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.
- Mr. Rikesh P Mathew of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.
- Ms. Renu V of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.
- Ms. Anumol George of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.
- Ms. Sanija John of EEE Dept. has participated in FDP on “Engineering Through GEN AI” organized by Lourdes Matha College of Science & Technology, Kuttichal on 3rd December 2024.

ACADEMIC TOPPERS





DEPARTMENT OF CIVIL ENGINEERING

DEPARTMENT EVENTS

- Department of Civil Engineering LMCST in association with BIMLABS ENGG. SERVICES PVT LTD organised a seminar on “BIM Basics: Concepts & Terminology” for the S3 & S5 CE students on 2nd August 2024.



- Department of Civil Engineering LMCST conducted a poster making competition as part of the National Space Day Celebration on 9th August 2024. Jince M Cherian of S5 CSE B won the first prize, Stephy Ebanazer of S7 CE won the second prize and Sebastian Biju of S5 CSE B and Lijo John Singh of S5 CE won the third prize.



- Department of Civil Engineering LMCST conducted a quiz competition “INTERSTELLAR INTELLECT” as part of the National Space Day Celebration on 9th August 2024. Aiswarya C S of S3 CE and Gayathri R of S3 CE won the first and second prize.



- Department of Civil Engineering LMCST in association with FECTA conducted an online quiz competition “VIKSIT BHARAT” as part of the Independence Day

Celebration on 15th August 2024. Midhun Krishan M S of S7 CE and Sanooj S of S5 CE won the first and second prizes respectively.

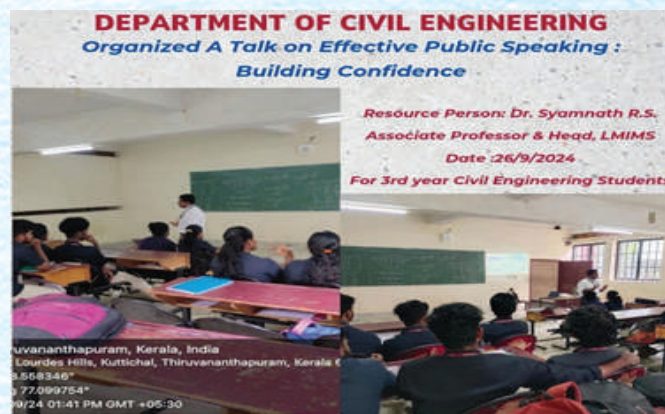
- Department of Civil Engineering LMCST conducted an Essay writing competition as part of the Independence Day Celebration on 16th August 2024. Namitha P J of S7 CE, Jesika B J of S5 CE and Sona G L of S7 CE won the first, second and third positions.



- Department of Civil Engineering LMCST conducted an Alumni talk on “Exploring Entrepreneurial Opportunities in Civil Engineering” for S1 CE students on 10th September 2024. Mr. Midhun Raj R S(2013-17 CE Batch) , Managing Director, Havitive Infra Pvt Ltd. was the speaker.
- Department of Civil Engineering in association with FECTA conducted an Essay writing competition on “The Confluence of Tradition and Technology” for CE students on 12th September 2024 as part of the Onam Celebrations.



- The Department of Civil Engineering organised a talk on “Effective Public Speaking: Building Confidence” for S5 CE students on 26th September 2024. Dr. Syamnath R S, Associate Professor and Head, LMIMS handled the session.



- Department of Civil Engineering LMCST in association with Great Skill Innovation Pvt. Ltd. organised a workshop on “Land Measurement and Area Calculation” for S5 and S7 CE students on 30th September 2024.
- Department of Civil Engineering LMCST in association with FECTA organised a poster making competition as part of Gandhi Jayanthi Celebrations on 1st October 2024 for CE students. Abhirami A B of S3 CE won the first prize. Aksha A B of S3 CE and Lijo John Singh of S5 CE won the second prize.



- Department of Civil Engineering in association with T.I.M.E. organised a talk on “Higher Studies and Career Guidance” for S5 and S7 CE students on 4th October 2024.
- Department of Civil Engineering LMCST organized a Tech talk on “Construction Practices in GCC and Career Opportunities” for S7 CE students 16th December 2024.



FACULTY NEWS

- Mr. Albin V and Ms. Ajitha D joined as Assistant Professor in the department of Civil Engineering in July 2024.

- Mr. Vishnu P B completed the 12 weeks NPTEL course on “Ground Improvement” conducted by IIT Kharagpur from July-October 2024.
- Ms. Sheeba Kumari J S completed the ATAL FDP on “Sustainable Technologies for Advancing Sustainable Development Goals(SDGs) from 16th to 21st December 2024.
- Ms. Indu Rajan completed the ATAL FDP on “Sustainable Technologies for Advancing Sustainable Development Goals(SDGs) from 16th to 21st December 2024.

STUDENT NEWS

- Students of 2020-24 batch CE-Anakha S, Gouthami D S, Jyothika R B and Nandana S guided by Mr. Vishnu PB presented their project specimen- Plastic Bricks using Pet plastic and Glass powder in the Swachhta Hi Seva Campaign 2024 on 23rd September 2024 in association with Indian Railway.



- Ashish M and S L Bhagath, S7 CE won the first prize in the Idea Presentation of Udyama 1.0 SDG-Preconclave Nozione 2k24 event.
- Aiswarya S M, Akshay B R Krishnan, S M Aswajith, Sanuksha P, Vaishnav M S Vysakh K V of S3 CE, Achu Varghese, Athul Chand, Devika V S, Joshni K Jayan, Sona J R of S5 CE and Ms. Indu Rajan, Assistant Professor, CE Department attended the state level training program on Energy Efficient Retrofits for Existing Buildings organised by Bureau of Energy Efficiency(BEE), Ministry of Power, Government of India on 26th September 2024.



CAMPUS PLACEMENTS

- Mr. Akhil S L and Ms. Nakshatra P Suresh of 2020-24 batch CE got placed in Freespace.



ACADEMIC TOPPERS

- Academic toppers of KTU S2 B.Tech Degree Examination, May 2024 for 2023-27 batch CE.



- Academic toppers of KTU S4 B.Tech Degree Examination, May 2024 for 2022-26 batch CE.



- Academic toppers of KTU S6 B.Tech Degree Examination, May 2024 for 2021-25 batch CE.



DEPARTMENT OF MECHANICAL ENGINEERING

DEPARTMENT EVENTS

- The Department of Mechanical Engineering, in association with the ISTE Student Chapter, organized a 3D Printing & Additive Manufacturing Workshop for Mechanical Engineering students of Lourdes Matha College of Science and Technology on 10th September 2024. The workshop was held at DH1 hall and was led by Assistant Professor Mr. Dijin J. S, who served as the resource person.
- The Department of ME in association with ISTE Student Chapter conducted a debate competition on “The Impact of Privatization on The Space and Weapon Industries”.



SPACE AWARENESS WEEK CELEBRATIONS

L-Drift, the Mechanical Engineering Association of Lourdes Matha College of Science and Technology, celebrated Space Awareness Week from August 5 to 10, 2024, as part of the National Space Day (NSpD24) festivities. The event featured a series of engaging activities and competitions aimed at fostering awareness and promoting interaction among students regarding India's achievements in space, including the successful Chandrayaan mission. Mr. Anexe Joseph, Mr. Jayakrishnan and Akshay K, final-year Mechanical Engineering students, served as the student coordinators and managed the overall celebrations and events.



Rocket Model Making Workshop with 3D Printing

Students had the opportunity to explore rocket design through hands-on experience in a workshop focused on creating rocket models using 3D printing technology. The workshop was handled by Mr. Dijin, Assistant Professor, Department of Mechanical Engineering on 09/08/2024. This activity combined creativity with engineering principles, allowing students to design and print their own rocket prototypes.



Space Quiz Competition

A competitive quiz that challenged participants' knowledge of space science, astronomy, and India's space missions, including the Chandrayaan and Mangalyaan missions. The competition was held on August 8, 2024, with the participation of 18 students. The event was coordinated by Mr. Sreejith, Assistant Professor, Mechanical Engineering Department. The quiz encouraged students to deepen their understanding of space exploration and India's role in it.

Space Poem Competition

Students were invited to express their thoughts and imaginations about 'first step in mars' through poetry. The event took place on August 6, 2024, with 13 students participating. Mrs. Deeja Milner and Mr. Sreejith, Assistant professors of Mechanical Engineering Department coordinated the event. This competition allowed participants to explore the artistic side of space science, blending creativity with factual inspiration from India's space achievements.

Seminar on Mapping Our Neighborhood with BHUVAN:

An informative seminar that introduced students to BHUVAN, the Indian Space Research Organisation's (ISRO) geo-platform for mapping and visualization. The event was conducted on August 8, 2024, and the session was led by Dr. Sreekumar V, Head of the Mechanical Engineering Department. The seminar covered general information on how BHUVAN is used for various applications, including urban planning, agriculture, and disaster management, with practical demonstrations.

Science Project Exhibition

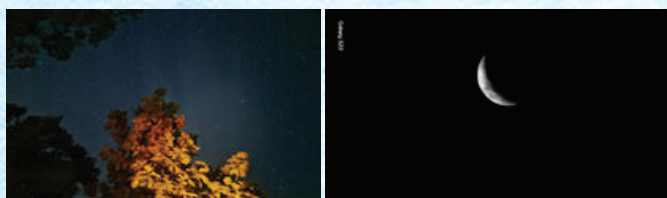
This exhibition showcased innovative science projects related to space exploration and technology, created by students. The event was conducted on August 9, 2024. The projects highlighted the application of scientific principles

to solve real-world challenges in space and brought out the creative problem-solving skills of the participants.



Astrophotography Competition

A visually stunning competition where students captured and submitted photographs of celestial objects. The competition encouraged participants to explore the night sky and experiment with techniques in astrophotography, capturing the beauty of the cosmos.



Literary Appreciation Competition

This competition encouraged participants to engage in a critical appreciation of space-themed movies. Students were tasked with the topic ‘review and relevance of a space fiction movie you watched’ by analyzing various cinematic elements such as storytelling, visual effects, and thematic depth. The event was conducted on August 8, 2024, and was coordinated by Mr. Sreejith, Mrs. Deeja Milner and Mr. Dijin, Assistant Professors in the Mechanical Engineering Department. A total of 20 students participated in the competition. They explored how these movies portray space exploration, scientific concepts, and the human spirit, offering thoughtful critiques and insights into the genre’s impact on popular culture and scientific imagination.

Space Skit Competition

This competition featured a skit presented by a single team. The performance creatively combined drama and education to highlight pivotal moments in India’s space history. The event was coordinated by Mr. Sreejith, Mr. Dijin and Mrs. Deeja Milner, Assistant Professors in the Mechanical Engineering Department. The skit illustrated significant achievements in space exploration and their impact on society, blending historical events with imaginative storytelling to engage and inform the audience.



FACULTY NEWS

International Conference

- Dr. Sreekumar V has presented a paper ‘Balancing Costs and Sustainability: An AHP-VIKOR-Based HVAC System Evaluation’ in the International Conference on Advanced Materials and Startup Ecosystem ICAMSE-2024 organized by Trivandrum Engineering Science and Technology (TrEST) Research Park held at Thiruvananthapuram Kerala during 13 – 15 December 2024.



Faculty Development Programmes

- Dr. Sreekumar V has participated in the 5 Day International Virtual FDP on Global Conversations in Mechanical Engineering: Bridging Innovation and Sustainability from 19th to 23rd February 2024, organized by the Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Andhra Pradesh, India.
- Dr. Sreekumar V has participated in the One Week online Faculty Development Program on “AI/ML Tools for Advanced Materials, Manufacturing and Thermal Systems (ATAMMTS-2024)” organized by the Department of Mechanical Engineering, Lakireddy Bali Reddy College of Engineering, Mylavaram, NTR (Dt.), Andhra Pradesh, India organized from 24/06/2024 to 28/06/2024.
- Dr. Sreekumar V has participated in the 2nd International 5-Day Faculty Development Program on “Sustainability and Research in Modern Mechanical Engineering” from 23rd to 27th September 2024, organized by the Department of Mechanical Engineering, Madanapalle Institute of Technology & Science, Andhra Pradesh, India

Seminar

- Dr. Sreekumar V has delivered a Seminar on ‘Energy Production in India – An Environmental Perspective’ as part of UDYAMA 1.0 on 09/09/2024 organized by IEDC, LMCST at Mother Teresa Hall, Lourdes Matha College of Science and Technology.

Workshop

- Dr. Sreekumar V has participated in the workshop on ‘Emerging Materials and Infrastructure’ organised by the Centre of Excellence, Rajiv Gandhi Institute of Technology, Kottayam, held on 30th and 31st August 2024.

Publications

- Dr. Bindu MV published a text book on “Renewable Energy Engineering”. The textbook is for the seventh semester KTU B.Tech students covering the topics included in the KTU syllabus.



STUDENT NEWS

ACADEMIC TOPPERS



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