



# LMCST NEWS

Lourdes Matha College of Science and Technology

(An ISO 9001:2015 Certified Institution)

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

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## DIRECTOR'S MESSAGE



The world heaves a sigh of relief of having surpassed the peak of one of the worst pandemics, the perseverance and strength of the human spirit triumphs. The nation is scurrying to return to what is called the 'new normal'. LMCST is also taking cautious steps and in the process of meticulous planning to welcome its students back to campus

while ensuring a safe environment for academic activities. The concerted efforts of faculty and staff to motivate the students in their pursuit of academic excellence is appreciated. It is highly satisfying to know the release of the newsletter highlighting all the major activities of our campus both within and outside the campus. I congratulate the vibrant editorial team for their hard work and dedication in bringing out this edition of the newsletter.

**Dr. Tomy Joseph Padinjareveetil**

## PRINCIPAL'S MESSAGE



As we look forward to our state festival of Onam that symbolizes honesty, fairness, unity and hope, I wish each one of you and your families health and prosperity all year long. LMCST had a very active first half of the year having accomplished some major milestones including successful completion of audit, faculty enablement sessions,

webinars, student projects, placements, exams, lab sessions etc. In this newsletter we articulate the major achievements and events in this duration. It is a very important medium to disseminate pertinent information relevant to us. The dedication of faculty and support staff is appreciated. Online classes using modern tools have matured enough. I congratulate the newsletter team and all who have contributed for compiling this edition.

**Dr. P. P. Mohanlal**

## GENERAL

### NATIONAL SCIENCE DAY

On 25th February, the Women's Cell of Lourdes Matha College of Science and Technology celebrated the National Science Day by organizing a program along with YWCA India, an international organization working for the welfare and development of women. The program focused on "Safetipin" an app that can be used to create safe public spaces. Science and Technology has enabled women to advance in life. "Safetipin" is an app that adds value to the quality and safety of women. The General Secretary of YWCA Ms. Kalpana David, spoke about YWCA and its initiatives. She talked about the new course being launched by YWCA about sexual harassment and safety of women at work places. Rev. Fr. Dr. Tomy Joseph, Director addressed the participants on the importance of women, their safety and the role of science in women's advancement. Dr. P P Mohanlal, Principal addressed the participants appreciating the collaboration of the Women's Cell and YWCA. Ms. Dhiya, National Administrator at YWCA elaborated on the app, its usage, the method of audit etc. She clarified the doubts students had about the app. It was a wonderful learning experience for all participants.

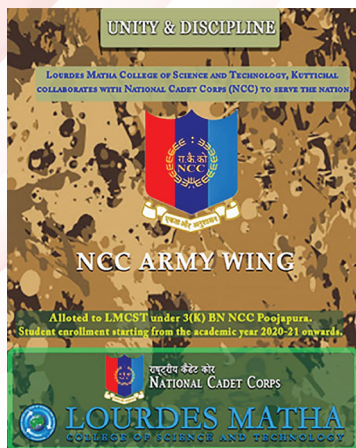
### NCC ARMY WING

Lourdes Matha College of Science and Technology, Kuttichal has been allotted NCC Army Wing under 3 (K) BN NCC, Poojapura.



Enrolment of students started from the academic year 2020-21 onwards. The NCC aims at developing character, comradeship, discipline, a secular outlook, the spirit of adventure and ideals of selfless service amongst young citizens. Further, it aims at creating a pool of organized, trained and motivated youth with leadership qualities in all walks of life, who will serve the Nation regardless of which career they choose. Students on completion of three years in NCC and acquiring NCC 'C' certificate, will get excellent job benefits.

- A Poster making/Drawing competition was organised for higher secondary students by NCC unit of LMCST to commemorate World Environment Day on 05th June 2021. The theme of the competition was "Save Earth to Save Life". The event was conducted by Prof. Jobin Jose, Caretaker/Associate NCC Officer.
- NCC Army Wing of Lourdes Matha College of Science and Technology, Trivandrum observed World Environment Day on June 5, 2021. Under this pandemic situation NCC Cadets planted tree saplings at their homes.



- 3 (K) BN NCC unit of LMCST organized a webinar on SEVEN HABITS OF HIGHLY EFFECTIVE PEOPLE on June 14 at 4 PM. The session was handled by Dr. Mercia Selva Malar Justin, Dean, Lourdes Matha Institute of Management Studies. The event was conducted by Prof. Jobin Jose, Caretaker/Associate NCC Officer and the student coordinators were Subhijith S R and Nakshathra P Suresh.

## GLOBAL LOMAA MEET 2021





Annual LOMAA (Lourdes Matha Alumni Association) Meet for the period 2020-2021, Global LOMAA Meet-2021 was conducted on 13th March 2021(Saturday) at Lourdes Matha College of Science and Technology, Kuttikal adhering to the Covid-19 protocol, in a hybrid mode which provided the opportunity for LOMAA members across the globe to attend the meeting LIVE through Zoom, Facebook, and YouTube. Mar Joseph Perumthottam, Archbishop of Changanacherry delivered the benedictory address. Mar Thomas Tharayil, Auxiliary Bishop of Archdiocese of Changanacherry presided the function and delivered the presidential address. Very Rev. Dr. Thomas Padiyath, Vicar General & President LMCES blessed the function. Rev. Dr. Tomy Joseph Padinjareveetil, Manager & Director LMCST welcomed the gathering. Dr. Kuncheria P. Isaac, former Vice-Chancellor KTU inaugurated the function. Mr. Gilroy Mathew, Vice President, UST Global delivered the keynote address. Rev. Dr. Sony Mundunadackal, Executive Director, LMCST, Rev. Fr. Avies Edachethra, Bursar, LMCST, and Rev. Fr. Varghese Nambimadam, Boy's hostel warden have felicitated the gathering. The Principal of LMCST, Dr. P. P. Mohanlal, (President LOMAA) presented the annual report for the year 2020-21. Five faculty members who received Ph.D. degrees were honoured during the event. The ever-rolling trophy and cash prize sponsored by LOMAA was given to the B-Tech first-year topper (2020). About two hundred alumni members attended the meeting at the college and online through Zoom. New office bearers were elected by the general body. Alumni shared their experience and presented cultural activities through offline and online modes. The meeting concluded with a vote of thanks by Mr. Jibu, Executive committee member, and buffet with college musical band performance.

## WOMEN'S DAY CELEBRATION

LMCST celebrated Women's Day by organizing a talk by Mrs. Bincy Baby, Director and Chief General Manager, ERAM Scientific Solutions Pvt. Ltd. on 8th March 2021 at 3.00 PM through online mode. The programme was conducted by Women Empowerment Cell, LMCST.

## IEDC CELL ACTIVITIES

Lourdes Matha College of Science and Technology, Kuttikal, Trivandrum had a great event on April 7th, 2021. It was a Turning Point event, as Prof. Sherin Sam Jose addressed the faculty team. His career life as a faculty member of Amal Jyothi College of Engineering is remarkable proof that if we commit ourselves to the profession sincerely, wholeheartedly, we will be rewarded multi-fold in unexpected channels and aspects of life. He is the HOD of the Mechanical Department at Amal Jyothi, and the CEO of the Startup Valley there. He has 5 skill development centres attached to his department. In his

amazing growth journey, he has touched the lives of many students by injecting entrepreneurial spirit and innovation thirst in them. He has planted million-dollar dreams in his students. A full day of speaking about his willingness to carry other institutions forward in their Entrepreneurship journey didn't get interrupted by time or energy. Even the audience were eager to listen and to learn more when it was time to close. The experience shared by Prof. Sherin Sam Jose was really motivating and benefitted a lot to the entrepreneurial activities of LMCST.



## INDUSTRY ACADEMIA CONSULTANCY MEET - 2021

An interactive session of Experts from various industry segments with the management and staff of LMCST has been conducted on 11th April 2021 at 5.00 pm through Online platform. The Session was chaired by His Excellency, Mar Thomas Tharayil, Auxiliary Bishop, Archdiocese of Changanassery. Rev. Dr. Thomas Padiath, Vicar General, Archdiocese of Changanassery and President of LMCES and Rev. Dr. Tomy Joseph Padinjareveetil, Director, Lourdes Matha Group of Institutions addressed the gathering. Dr. P P Mohanlal, Principal, Lourdes Matha College of Science and Technology presented the Report Summary of Meet 2019. Rev. Dr. Sony Mundunadackal, Rev. Fr. Avies Edachethra and Rev. Fr. Varghese Nambimadam were present on the occasion. 23 eminent dignitaries from various companies such as Infosys, UST Global, IBS, Nissan Digital, Cetronics Technologies, SE-Mentor, Softnotions Technologies, Eram Scientific Solutions, Trenser Technology Solutions, Vinvish Technologies, Speridian Technologies, Somnoware Health Systems, Allianz, H&R Block, Airport Authority of India, Govt. Irrigation Dept etc participated in the session. The Session was well received with fruitful

discussions and several beneficial suggestions for the improvement of the institution.

## NATURE CLUB ACTIVITIES

Nature Club of Lourdes Matha College of Science and Technology, Kuttichal, Thiruvananthapuram organized a Webinar on the topic “Constitutional Remedies for Environmental Protection in India”. The Speaker was Prof. Roy K Varghese (Dept. of Applied Sciences, LMCST). The event was conducted on 8th May 2021 at 10am through Google meet.

## ARTS CLUB ACTIVITIES

Arts Club of LMCST organized a Drawing Competition on 5th June 2021 as part of World Environment Day. Faculty coordinators of the event were Prof. Sreekala Devi K, Prof. Lekshmi Surendran and Prof. Ranjit Thomas. Student Coordinators were Malavika J P and Sivakami P B.

## ANTI-NARCOTICS CELL ACTIVITIES

The Anti-Narcotics Cell of LMCST organized an awareness talk on “Spread awareness and avoid drugs” as part of ANTI-TOBACCO DAY on 31st May 2021 at 3.00 PM through Google Meet. The Speaker was Shri. Mohanan Nair S, Excise Circle Inspector, Kottayam. Faculty coordinators were Prof. Sreelekshmi R C and student coordinators were Ananda Krishna A S and Akhil B S.

## NSS ACTIVITIES

### ○ Webinar on Health and Happiness

NSS Technical Cell LMCST organised a webinar on the topic ‘Health and Happiness’ on 29th June 2021 at 11:30 pm. Mr. Krishna Prasad, Consultant Executive at Speridian Technologies and active volunteer at Art of Living Organization, interacted with volunteers via Google meet. NSS volunteers actively participated in the webinar.

### ○ World Environment Day

NSS TECHNICAL CELL of LMCST Unit no. 525 and 529 celebrated WORLD ENVIRONMENT DAY on 5th June 2021. NSS volunteers planted tree saplings at their homes as a tribute to make our environment green and to improve their mental and physical environment.

## ISTE STUDENT CHAPTER ACTIVITIES

- A 5-day Internship programme in association with ISTE Student Chapter on “Scientific computing with Python” by Mr. Vishnu P.N, Department of CSE was organised by the Department of Computer Science and Engineering in association with ISTE on 29th May, 5th June, 12th, 19th, 26th June, 2021. The internship programme aimed to give the opportunity to students

to learn, develop and execute Python programs using Python IDE or Visual Studio IDE or online Python interpreter online GDB. E-Certificates were provided to all the participants.

- A Quiz Competition on the theme “Environmental Sustainability” was organised by Department of Computer Science and Engineering & Civil Engineering in association with ISTE on 1st June 2021. The programme aimed at providing students an awareness of environmental protection and each individual’s responsibility to nurture the environment, for passing a resourceful environment to future generations to come. Cash prizes were awarded to the winners.
- A drawing competition was conducted by the Arts club of LMCST, in association with ISTE Student Chapter on 5th June 2021. A total of 81 students participated. Cash prizes were awarded to the winners.
- A Tech-Talk on “History of Space Exploration-An overview” was organised by the Department of Electronics and Communication Engineering in association with ISTE Student Chapter on 12th June, 2021. The speaker was Prof. Franklin Joshua, Former Director of Structured Dynamics & Design and Analysis group, ISRO. E-Certificates were provided to all the participants.
- A poster making competition was conducted by the Department of Mechanical engineering in association with ISTE in connection with Anti-Drug Day on 26th June, 2021 with an aim to spread awareness about the global drug problem and eliminate drug misuse. Cash prizes were awarded to the winners.
- A one-day webinar on “Basic structure Theory of the Constitution of India” was organised by the ISTE Student Chapter on 3rd July, 2021 through Google Meet. The speaker was Prof. Roy K Varghese, Professor, Department of Applied Science and Humanities, LMCST. 75 participants including students and faculty members from LMCST attended the webinar and E-Certificates were provided to all the participants.





# DEPARTMENTAL *News*

## DEPARTMENT OF MANAGEMENT STUDIES

### MABIND PROGRAM

Lourdes Matha Institute of Management Studies (LMIMS) organized an online induction Program on 28th & 29th January 2021 at 8:30 pm. The theme of the program was “How to challenge our own barriers in life”. The Resource persons were Ms. Bindu Anil, Mr. Tanzeel Habeebula & Dr. Chandra Vadhana. The guest was introduced by Dr. Mercia Selva Malar (Dean, LMIMS). After that, the session was taken over by guests. They spoke on various topics like How to push ourselves in life, how to challenge our own barriers, career goals etc. The session was very effective and energetic. Parvathy B (S1 MBA) concluded the session with Vote of Thanks.

### WEBINAR ON THE TOPIC “ONLINE EMOTIONAL AWARENESS AND SELF CARE SESSION1”

Lourdes Matha Institute of Management Studies (LMIMS) organized an online webinar on 30th January 2021, Saturday at 8:30 am – 10:30am. The meeting platform was Zoom Meet. 56 participants were present for the session. The theme was “about discovering yourself, understand and manage what stresses you”. The session was conducted by YWCA India in collaboration with Connecting Trust and Lourdes Matha Institute of Management Studies. The program started with a welcome speech by Dr. Mercia Selva Malar, Associate Professor & Dean, LMIMS. After that, the session was taken over by YWCA Team members. They spoke on the importance of stress management where they explained the few ways of stress management such as Exercise, Proper diet, Sleep, laugh therapy, talk therapy etc. The session was very interactive, motivating and astonishing for students as they got the clarity and awareness about discovering and understanding yourself. Dr. Mercia Selva Malar concluded the session with Vote of Thanks.

### WEBINAR ON THE TOPIC “ONLINE EMOTIONAL AWARENESS AND SELF CARE SESSION2”

Lourdes Matha Institute of Management Studies (LMIMS) organized an online webinar on 6th February 2021, Saturday at 8:30 am – 10:30am. The meeting

platform was Zoom Meet. 47 participants were present for the session. The theme was “Detailed Discussion on Depression and Anxiety”. The session was conducted by YWCA India in collaboration with Connecting Trust and Lourdes Matha Institute of Management Studies.

The program started with a welcome speech by Dr. Mercia Selva Malar, Associate Professor & Dean, LMIMS. After that, the session was taken over by YWCA and Connecting Trust team. They started the session with the introduction of Connecting Trust introduction and their Volunteer based listening services such as create awareness about for those feeling distressed and/or suicidal, reduce the stigma associated with mental health and suicides and build support groups in the community that are trained to respond to mental health issues. Session 2 under the topic Online Emotional Awareness and Self Care was a great interactive session with great understanding and learning regarding the theme. Dr. Mercia Selva Malar concluded the session with Vote of Thanks.

### WEBINAR ON THE TOPIC “IMPORTANCE OF FINANCIAL MANAGEMENT”

Lourdes Matha Institute of Management Studies (LMIMS) organized an online webinar on 27th May 2021 at 12:40 pm. The theme of the webinar was “Importance of Financial Management”. The Resource person was Mr. A. John Moris (CA, A John Moris & Co).

The program started with introduction of Guest by Dr. Mercia Selva Malar (Dean, LMIMS). After that, the session was taken over by Mr. A. John Moris. He spoke on How to manage Finance. The session was very effective and informative. Vishnu S (S1 MBA) concluded the session with Vote of Thanks.

### WEBINAR ON THE TOPIC “MUTUAL FUNDS”

Lourdes Matha Institute of Management Studies (LMIMS) organized an online webinar on 28th May 2021, at 9:30 am. The meeting platform was google meet. 52 participants were present for the session. The theme was “Mutual Funds”. The Resource person was Dr. Virendra V. Tatake.

The program started with a welcome speech by Jayesh J R, followed by the introduction of Guest by Anjali Latha, S1 MBA student. After that, the session was taken over by Dr. Virendra V. Tatake. He spoke on Mutual Funds. The title was well addressed, He talked about why mutual funds are important and its benefits such as Liquidity. The session was concluded with vote of thanks by Hridhya, S1 MBA student.



## WEBINAR ON THE TOPIC “JOB INTERVIEW GUIDANCE”

Lourdes Matha Institute of Management Studies (LMIMS) organized an online webinar on 9th June 2021 at 6:00 pm. The theme of the webinar was “Job Interview Guidance”. The Resource person was Dr. J Jessie Christin.

The program started with introduction of Guest by Neenu Shijo. After that, the session was taken over by Dr. J Jessie Christin. He spoke on how to attend an interview in a professional way. The session was very effective and informative. Vumgunlal Kigpen (S1 MBA Student) concluded the session with Vote of Thanks.

## PLACEMENT DRIVE REPORT

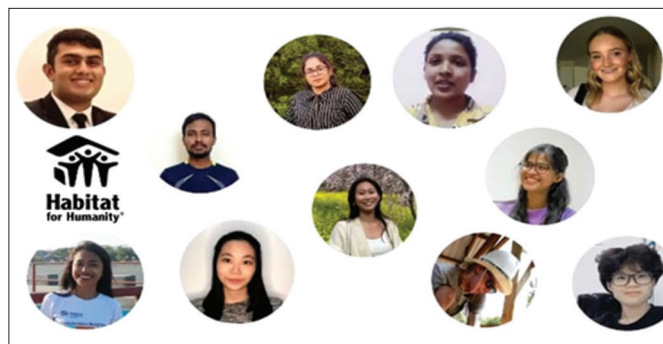
Lourdes Matha Institute of Management Studies (LMIMS) Organised a placement drive for batch 15, with the company NewAgeSys solutions on 25th June 2021. It is a professional recruitment and IT consulting service organization located in Info Park, Kochi. They conducted an online placement drive for the positions of US HR Recruiter, Inside Sales Executive (US) and Marketing Associate (US). 10 students from MBA batch 15 were participated for the online placement drive. Mr. Amith B and Mr. Amal Dominic had been selected.



## ACHIEVEMENTS OF STUDENTS FROM MBA DEPARTMENT

Sarath Antony, a student from MBA Department of Lourdes Matha College of Science and Technology, Thiruvananthapuram, Kerala has been finalized with a record titled, ‘Biggest Typographic portrait of Actor Mammooty’ under the India Book of Records. He made a beautiful portrait of actor Mammooty using 414 names of his movies on a sheet of white paper. The portrait measures 117cm in width and 182cm in height. He received an e-mail from India Book of Records on July 19, 2021 with his record confirmation and an appreciation for his efforts, skills and patience shown by him was acknowledged.

Neenu Shijo, a student from MBA Department of Lourdes Matha College of Science and Technology, Thiruvananthapuram, Kerala has been received the official endorsements from the different Habitat for Humanity offices in Asia- Pacific and been selected from India by Habitat for Humanity India as a HYL Regional Volunteer Corp of India at Habitat for Humanity International. Her role in the international office is to be the representative of a Youth Leader from India. She is working with a team of 11 youth leaders from countries like Australia, Bangladesh, Cambodia, Japan, Indonesia, Nepal, Korea, Philippines, New Zealand, Vietnam and Sri Lanka. She is receiving Youth leadership development training by Centre for Creative Leadership for 6 months starting from July 2021. She has been working with Habitat for Humanity India since December 2020 as a youth volunteer and also presented her response to the action that can be taken for housing development in the Asia – Pacific Conference of Habitat for Humanity 2021.



## DEPARTMENT OF COMPUTER APPLICATIONS

- Prof. Neethu Mohan, Associate Professor, Prof. Bismi K Charleys, Prof. Anjana J, Asst Professors, attended a Webinar on “Excellence for Empowerment” conducted by Women’s Cell of LMCST as part of Women’s Day Celebration by Ms. Bincy Baby, Director



& Chief general Manager, ERam Scientific Solutions Pvt Ltd on 8th January, 2021.

- Prof. Justin G Russel, Asst. Professor was the Chair In the CSI Weekly Talk Series on “LoRaWAN” conducted by Dr. Sabarish Kurunakaran on 14th January 2021.
- Department of Computer Applications proposed “E-Automobs”, an IOT based Battery management System for Electronic vehicles in the Kerala Start up Innovation Drive 2020 conducted by KSUM through Life Channel. It was a Major Project developed by MCA student Mr. Arun Kumar A P under the guidance of Prof. Justin G Russel, Asst. Professor, Department of Computer Applications.
- Prof. Neethu Mohan, Associate Professor attended Faculty Development Enablement Programme organized by Infosys Limited from 22nd to 24th February, 2021.
- STARC Executive Committee is reconstituted on 12th April, 2021 and events were planned for the forthcoming Academic year.
- The Department of Computer Applications (MCA) in association with STARC has observed World Earth Day 2021 on 22nd April by presenting a video by sharing importance of conserving ‘Our Mother Nature’. The theme of Earth Day 2021 “TO RESTORE OUR EARTH” and the sentimental video indubitably showcased almost all aspects of the theme. The video is concluded by planting a sapling to highlight how everyone could plant a tree for a brighter future.



- In association with STARC (MCA Association), students of Department of Computer Applications, under the guidance of Prof. Selma Joseph A, Associate Professor & HOD and Prof. Anjana J, Assistant Professor, readily took up the initiative to organize an Inter collegiate Online Paper Presentation Competition

“TECHSTARCS” on the National Technology Day’ 21 for graduate students on 11th May, 2021 through Google Meet. Out of 16 registered participants, 12 papers were selected for presentation under the theme of “Latest trends in IT “. E-certificates were provided to all the participants. Overall, the event was an academic delight to all present.

- Prof. Selma Joseph, Associate Professor & HOD attended Red Carpet Talk-2 “Artificial Intelligence in Medical Robotics” organized by Dr. Brane M Pillai, Faculty Member, Foreign Expert, Mahidol University on 2nd May, 2021.
- Prof. Neethu Mohan, Associate Professor attended One day Workshop on “Network and System Administration” conducted by Mr. Jitesh V, Manager, Network administration & Technical head, FISAT on 10th May, 2021.
- Prof. Selma Joseph, Associate Professor & HOD, Prof. Anjana J, Assistant Professor attended Faculty development Programme on “Future Trends of Data Analytics” organized by Department of Computer Science and Engineering, LMCST in association with Computer Society of India from 15th to 18th May, 2021.
- Prof. Selma Joseph, Associate Professor & HOD, Prof. Neethu Mohan, Associate Professor, Prof. Bismi K Charleys, Asst. Professor, Ms. Ramya Krishnan S, Programmer attended Three Day Hands on Workshop on “System Administration and Networking Using FOSS tools” organized by FOSS Cell College of Engineering in association with ICFOSS –International Centre for Free and Open Source Software from 17th to 19th May, 2021.
- Prof. Sherin Joseph, Asst. Professor attended Train the Trainer (TTT) program of Campus Connect at Infosys on Java Programming from 16th to 18th June, 2021.
- Prof. Bismi K Charleys and Prof. Sherin Joseph, Asst. Professors attended Faculty development Programme on “AICTE incorporating Universal Human Values in Education” (An AICTE Initiative) from 28th to 3rd July, 2021.

## STUDENT ACHIEVEMENTS

- S1, S3 and S6 MCA students attended a Webinar on “Career Placements and Internships” to provide a better insight on Employment conducted by LMCST in collaboration with Avodha on 13th February, 2021.
- S2, S4 and S6 MCA students attended SOTI recruitment drive on June, 2021.
- S6 MCA students attended the following Recruitment drives-



Allianz technologies - April - July 2021  
 Zewia Software Solutions - campus drive on 30th March, 2021  
 Turbolab Technologies -April 2021  
 Exposys Data Labs - May 2021  
 Sportshood - campus drive on 8th April 2021  
 Capgemini off campus recruitment drive - 7th May 2021  
 Digit Insurance Pvt Ltd - May 2021  
 UST - May-June 2021  
 QSpiders - 1st to 10th May 2021  
 Incubation - 7th May 2021  
 Rapid Value off campus placement drive- 21st May 2021  
 Virtusa- May-June 2021  
 AOT Technologies - June 2021  
 IBM GBS off campus diversity hiring - 5th June 2021  
 CSS CORP off campus placement drive- 12th June 2021  
 Spacelabs - June -July 2021

- S2 MCA students attended Qualifier Round of InfyTQ Certification & HackwithInfy on 2nd April, 2021.
- S2 MCA students attended Webinar on “Emerging Opportunities in Red Hat Technologies” organized by Department of Computer Science and Engineering of LMCST by Dr. Mendus Jacob, Professor and Director of MCA Programme at Marian college on 7th May, 2021.
- Ms. Fiyona Francis of S4MCA attended Virtual Internship on “Machine Learning/Artificial Intelligence” from 10th to 20th May, 2021 conducted by ICT Academy of Kerala.
- Ms. Fiyona Francis of S4MCA attended a Workshop on “AI-ML Workshop: Building AI-Enabled Face Mask Detector” conducted by Edureka on 30th May, 2021.
- Mr. Akshay D S, Ms. Sreelekshmy S S and Ms. Divya Kennedy of S6MCA attended Drawing Competition conducted by Arts Club of LMCST and sponsored by ISTE Student Chapter as part of World Environment Day on 5th June, 2021.
- Ms. Meenu V.S bagged 2nd rank in KTU with CGPA 9.55 in MCA (2018-21 Regular Batch).



- MCA 2018-21 Batch students secured 100 % results in S6 MCA Degree Examination, held at July 2021.

## TOPPERS LIST (2018-21 BATCH)



### Placement details

Following students are placed in various reputed companies

Rahul S.P-Cognizant Technologies  
 Akash M.B-UST Global  
 Liya Mathew-Lean Transition Solutions  
 Nandana R.S-IITMK (Indian Institute of Information Technology and Management of Kerala)  
 Sreena V.R-IBM



## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### DEPARTMENT NEWS

- The FOSS Club, Department of CSE in association with ICFOSS organized an Add-on course titled Machine Learning from 23rd to 27th March, 2021. The Add-on course covered the various aspects of Machine Learning, the concepts of Machine Learning and provided insights on how it is transforming the digital



world. A total of 55 students joined this course and E-certificates were distributed to the participants. The programme was coordinated by Prof. Asha S, Assistant Professor, Department of CSE.

- The Add-on course “Website Development Using WordPress” organised from 8th to 13th April 2021 provided the opportunity to express creatively on the internet. The course covered various web services, creation and customization of websites and moulded students to develop their own websites. A total of 46 students joined this course and E-certificates were distributed to the participants. Prof. Renetha J B, Associate Professor, CSE and Mr. Flemin Moses George, Front Web Developer, White space Studio and Alumnus (CSE) were the resource persons of the programme. The programme was coordinated by Prof. Asha S, Assistant Professor, Department of CSE.
- The Department of Computer Science and Engineering in association with CGP Career Avenues organized a webinar on Career Opportunities and Guidance on 16/04/2021. Mr. Rajesh P S, HR & ADMIN Manager for Kerala operations of CGP Career Avenues was the Speaker. Students of Pre-final years of all branches were the target audience for the programme. Students were given knowledge about career opportunities after Engineering. The details about the competitive exams, Government sector opportunities, all MNC details and also the tricks to face all these were covered in a detailed manner. The programme was coordinated by Prof. Anjana Thampy, Assistant Professor, CSE.
- The Hardware Club of the Department of Computer Science and Engineering organized a webinar on DISCOVER THE NEW TRENDS OF ROBOTICS on 30/04/2021. Dr. Ben Sujin B, Registrar & Head, Electrical & Electronics Engineering, University of Technology and Applied Science, Nizwa, Sultanate of Oman was the resource person. The speaker gave an overview of the Industrial Revolutions happening in the field of Robotics. He explained in detail about the 4th IR, Robotics elements functionality and the various classification of robotics were described with the video demonstration. The Speaker also demonstrated a real time project and also explained how to build that bot. The students of Second year Computer Science and Engineering were the target audience. The programme was coordinated by Prof. Anjana Thampy, Assistant Professor, CSE.
- The Summer course on Animation conducted from 10th May to 14th May 2021 aimed at bringing the knowledge of the animation field to school students from class X to XII. The course helped to create interest among students in the trending field. The highlight of the course was that the basics about both 2D and 3D animation training were provided to the students. Proper instructions regarding software installation were also given, so that students were able to practise during the hands-on session. A total of 87 students attended the course. E-certificates were distributed to the eligible participants. Prof. Renetha J B, Associate Professor, CSE and Mr. Vishnu P N, Lab Instructor, CSE were the resource persons and they also coordinated the event.
- The CSI Student Chapter, Department of CSE organised a Walk Through session for B.Tech CSE students on 05.05.2021. The event was coordinated by the CSI faculty coordinators Prof. Ashitha S S and Prof. Ambily Jane, Assistant Professors, CSE.
- The Department of Computer Science and Engineering in association with IPSR Solutions Ltd Organized an Industry Academia Interaction on “Emerging Opportunities in Red Hat Technologies” on 7th May 2021. The Speaker was Dr. Mendus Jacob and the event was coordinated by Prof. Anjana Thampy, Assistant Professor, CSE.
- The CSI Student Chapter, Department of CSE organised a webinar on “Big Data and Distributed Processing in Hadoop Ecosystem” by Dr. lakshmi J Mohan, Post-Doctoral Fellow, RMIT University, Melbourne, Australia on 17.05.2021. The programme was coordinated by CSI faculty coordinators Prof. Ashitha S S and Prof. Ambily Jane, Assistant Professors, CSE.
- The Hardware Club, Department of Computer Science and Engineering organized a webinar on Robotic Process Automation (RPA 101) on 14.05.2021. Ms. Rintu Mariyam Thomas, Software Engineer, Advanced Analytics and Intelligent Automation, Guidehouse India Pvt Ltd (Alumna, CSE) was the resource person. Students from all streams were invited to participate in the webinar. The resource person explained the basics about RPA and job opportunities in the RPA platform. She also described how to explore RPA in an online environment. The programme was coordinated by Prof. Anjana Thampy, Assistant Professor, CSE.
- The CSI Student Chapter, Department of Computer Science and Engineering organized a webinar “Connected Vehicles and more” on 19.05.2021. The webinar gave knowledge about the recent technologies. A connected vehicle is one that is capable of connecting over wireless networks to nearby devices. Connected vehicles are an important factor in the advance of IoT. A total of 77 students attended the programme and E-certificates were distributed to the participants. The event was coordinated by Prof. Priya Sekhar S., Associate Professor, CSE.



- The Department of Computer Science and Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram in association with ISTE Student Chapter organized an online internship programme titled Scientific Computing with Python on May 29th, June 5th, June 12th, June 29th, July 5th 2021 and July 7th 2021 through Google Meet. The course covered the basic concepts of Python Programming and equipped the students with coding skills in Python. A total of 200 students joined this course and E-certificates were distributed to eligible participants. Mr. Vishnu P.N, Lab Instructor, CSE was the Resource person. The programme was coordinated by ISTE faculty coordinator, Prof. Divya Christopher, Assistant Professor, CSE.
- The Department of Computer Science and Engineering and the Department of Civil Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram in association with the ISTE Student Chapter organized an online quiz competition titled Environmental Sustainability as part of World Environment Day on 01.06.2021. The competition aimed at giving general awareness to students regarding environmental protection for preserving nature to the next generations. The first prize winner was Arya Nanda S J, S2 CE and second prize winner was Sidhiq N S, S2 CSE. A total of 100 students attended the competition and E-certificates were distributed to the participants. The programme was coordinated by Prof. Divya Christopher, Assistant Professor, CSE and Prof. Anuja Sankar, Assistant Professor, CE.
- The Department of Computer Science and Engineering provided an online session for Professional Ethics and Human Values for first year B.Tech Computer Science and Engineering as part of the UHV development programme on 01.06.2021. Mr. Banarji Bhaskaran, Corporate Trainer, Business Consultant and Counselling Psychologist was the resource person. The event was coordinated by Prof. Anjana Thampy, Assistant Professor, CSE.
- The Department of Computer Science and Engineering in association with the Computer Society of India organized an online Faculty Development Program on “Future Trends of Data Analytics” from 15th to 18th June 2021. The FDP had four Sessions by eminent speakers. The first session on Edge Analytics and Impact of IoT was handled by Dr. Sreejith V Nair, Postdoctoral Research Fellow, Research Institute for Autonomous Systems, University of North Dakota, USA. The second session on Data Analytics Using Python was handled by Dr. Deepthi P S, Assistant Professor, Department of CSE, LBS Institute of Technology for Women, Trivandrum. The third

session on Systems for Data Analytics Hardware Perspective was handled by Dr. Geeta Amol Patil, Associate Professor, Department of ISE, BMS Institute of Technology, Bengaluru. The fourth session on Introduction to Machine Learning and Applications was handled by Dr. Rudresh Shirwaikar, Assistant Professor, Department of ISE, BMSIT&M, Bengaluru. More than 70 faculty members from different institutions inside and outside Kerala attended the Programme and E-certificates were given to the faculty members who successfully completed all the sessions. The FDP was coordinated by Prof. Priya Sekhar S., Associate Professor, CSE and Prof. Anjana Thampy, Assistant Professor, CSE.

## FACULTY ACHIEVEMENTS

Dr. Beshiba Wilson, Associate Professor and HoD & Dr. Smitha J C, Associate Professor, who received doctorates were honoured during the global LOMAA Meet 2021 on 13.03.2021.



### Dr. Beshiba Wilson, Associate Professor and HoD attended

- the National webinar on “NAAC Related Quality Initiatives & proper documentation” organized by IQAC, Government College, Mandleshwar, Khargone, Madhya Pradesh on 27.01.2021.
- the six-day TEQIP-II sponsored online FDP on “Applications of Artificial Intelligence and IoT in Engineering” organised by Dept. of CSE, College of



Engineering, Perumon, Kollam from 01.02.2021 to 06.02.2021.

- the awareness webinar on “Outcome Based Education and Accreditation” conducted jointly by APJ Abdul Kalam Technological University and National Board of Accreditation on 09.03.2021.
- the international webinar on “Improving Research Ethics and Academic Integrity using Turnitin Software” organized by Rajagiri College of Social Sciences and Rajagiri School in association with Turnitin on 09.04.2021.
- the webinar on “Program Design Concepts -NAAC and NEP 2020” organized by InPods Ed-tech on 19.05.2021.
- the project walkthrough session regarding the development of the AAC device for NISH, facilitated by KTU on 28.05.2021.
- the four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15.06.2021 to 18.06.2021.
- the two-day National workshop on “Transformation through NAAC Accreditation Process, for Higher Educational Institutions held on 21.06.2021 and 22.06.2021 conducted by the Institute for Academic Excellence, Hyderabad in collaboration with Collegiate Education and Technical Education Department, Telangana State.

#### **Dr. Smitha J C, Associate Professor**

- was the resource person for the webinar on “Graph Theory and its Applications” organized by the Department of Information Technology, Viswajyothi College of Engineering and Technology, Muvattupuzha, Ernakulam on 11/06/2021.
- Attended a four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15.06.2021 to 18.06.2021.

#### **Prof. Priya Sekhar S, Assistant Professor attended**

- the four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15.06.2021 to 18.06.2021.

**Prof. Renetha J B, Assistant Professor** successfully completed the AWS Certification examination and became “AWS Certified Cloud Practitioner” on 23rd January 2021.

#### **Prof. Renetha J B, Assistant Professor attended**

- online Short-Term Training Programme on “Recent Advances and Research Domains in Machine Learning” organized by LBS Institute for women Trivandrum from 31st December 2020 to 4th January 2021.

- TEQIP-II sponsored Six Days Online Faculty Development Program on “Applications of Artificial Intelligence and IoT in Engineering” organized by the Department of Computer Science and Engineering, College of Engineering Perumon, from 1st to 6th February, 2021.

- the awareness webinar on “Outcome Based Education and Accreditation” conducted jointly by APJ Abdul Kalam Technological University and National Board of Accreditation on 09.03.2021.

- an international webinar on “Data Management Ecosystems and Opportunities” organized by Dept of IT, University College Of Engineering, Kariavattom on 13th June 2021.

- an online four days FDP on “Future Trends of Data Analytics” organized by the Department of Computer Science and Engineering from 15th to 18th June 2021.

#### **Prof. Asha A S, Associate Professor Attended**

- the six-day FDP programme on “Applications of Artificial Intelligence and IoT in Engineering” organized by College of Engg., Perumon from 1st to 6th February 2021.
- 5-day FDP on the theme “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education (AICTE) from 17 May, 2021 to 21 May, 2021.
- 3- day FDP on “Train The Trainer Program on Java Programming” from 16th June to 18th June 2021, Conducted by Infosys.

**Prof. Christy Jojy** and Abhijith M S published a paper on “A Review on Automated Attendance Management Systems” in International Journal of Scientific Research and Engineering Trends, Volume 07, Issue 03, May-June 2021, page 1847-1849.

#### **Prof. Christy Jojy, Assistant Professor, attended**

- the six-day FDP programme on “Applications of Artificial Intelligence and IoT in Engineering” organized by College of Engg., Perumon from 1st to 6th February 2021.
- a Faculty Development Enablement Program that was conducted on 22-24 Feb 2021 conducted by Infosys Ltd as part of Campus Connect Programme.
- a four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15th June to 18th June 2021.

#### **Prof. Ambily Jane, Assistant Professor, attended**

- a 3-day FDP on “Train The Trainer Program on Java Programming” from 16th June to 18th June 2021, Conducted by Infosys.



**Prof. Divya Christopher, Assistant Professor in CSE attended**

- the Four-day Faculty Development Program on “Future Trends of Data Analytics” organized by Dept. of Computer Science and Engineering, Lourdes Matha College of Science and Technology in association with Computer Society of India held from 15th June to 18th June 2021.
- the webinar on Big Data and Distributed Processing in Hadoop EcoSystem organized by the Department of Computer Science and Engineering in association with CSI Student Chapter on 17th May 2021.
- the two-day workshop on “Artificial Intelligence Creating the Future” and “Exploring Machine Learning techniques in Data Mining” organized by Department of Computer Science and Engineering, Baselios Mathews II College of Engineering, Sasthamcotta on 20th and 21st May 2021.
- the Six Days International webinar on “Artificial Intelligence and its Global Applications” organized by the Department of Computer Science, University of Kerala, from 15-03-2021 to 20-03-2021.
- the online Faculty Development Program on “Constitution of India” sponsored by TEQIP – phase II, organised by Department of Electronics & Communication Engineering from 15-03-2021 to 20-03-2021.
- One-week Online Faculty Development Programme on “Machine Learning with its Mathematical Foundations” organized by Department of Computer Science and Engineering in association with Computer Society of India (CSI) from 2nd March 2021 to 6th March 2021.

**Prof. Anjana Thampy, Assistant Professor attended**

- an FDP on Tech FOSS organized by ICFOSS from 19th April 2021 to 23rd April 2021.
- a four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15th June to 18th June 2021.

**Prof. Sheeja Beevi S, Assistant Professor, participated**

- in the four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15th June to 18th June 2021.

**Prof. Nisha O S, Assistant Professor, CSE attended**

- the four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15.06.2021 to 18.06.2021.

**Prof. Asha Chandran, Assistant Professor, attended**

- four-day FDP on “Future Trends of Data Analytics” organized by Department of CSE, LMCST from 15th June to 18th June 2021.
- KTU Sponsored 3-day FDP on “DATA ANALYTICS USING R”, Dept. of CSE, TKMIT, Kollam from 23.06.21 to 25.06.21.
- Attended CSI-sponsored One Week Online FDP on MACHINE LEARNING WITH ITS MATHEMATICAL FOUNDATIONS from March 2nd, 2021 to March 6th, 2021.
- TEQIP II Sponsored Online FDP on “Applications of Artificial Intelligence and IoT in Engineering” to be held from 01st February 2021 to 06th February 2021.

**Prof. Asha S, Assistant Professor, attended**

- the FDP on Tech FOSS organized by ICFOSS from 19th April 2021 to 23rd April 2021.

**Mr. Vishnu P N**

- Attended a six days certification course on “Web Design and Development” conducted from 19-06-2021 to 24-06-2021 by Liz Intelligent Solutions Pvt. Ltd organized by the Department of Computer Science and Engineering, St. Thomas Institute of Science and Technology, Thiruvananthapuram.
- was the resource person for the Add-on course on “Introduction to Coding” organized by the Department of Electronics and Communication Engineering, Lourdes Matha College of Science and Technology, Thiruvananthapuram from 28th April to 3rd May, 2021.

**STUDENT ACHIEVEMENTS**

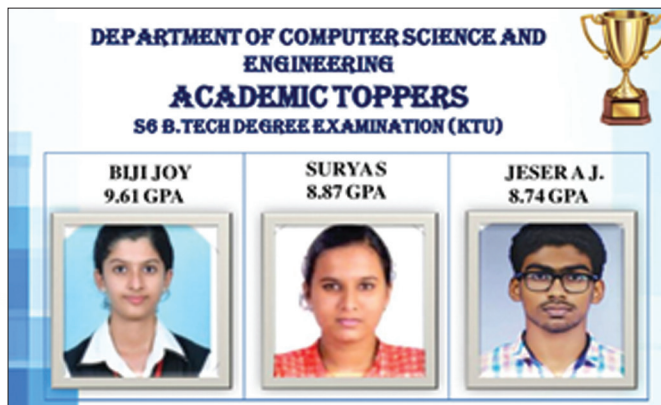
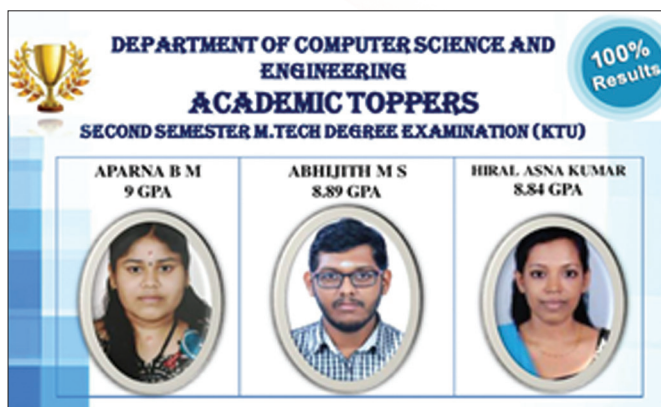
- Sneha Ramesh, S4 B.Tech CSE delivered a talk on “Augmented reality vs Virtual reality” in the National Student Tech Talk Series (session 02) on 11.02.2021 organised by the CSI Trivandrum Chapter in association with APJ Abdul Kalam Technological University.
- Rosmin Rose Binoy of S2 CSE participated in the Patriotic Quiz on Republic Day 2021 organized by the Ministry of Defence, Ministry of Education and MyGov.
- Rosmin Rose Binoy of S2 CSE participated in the Nari Shakti Quiz on International Women’s Day organized by the Ministry of Women and Child Development and MyGov.
- Rosmin Rose Binoy of S2 CSE participated in the Computer on Office Automation Quiz organized by Arive Aatral YouTube channel.



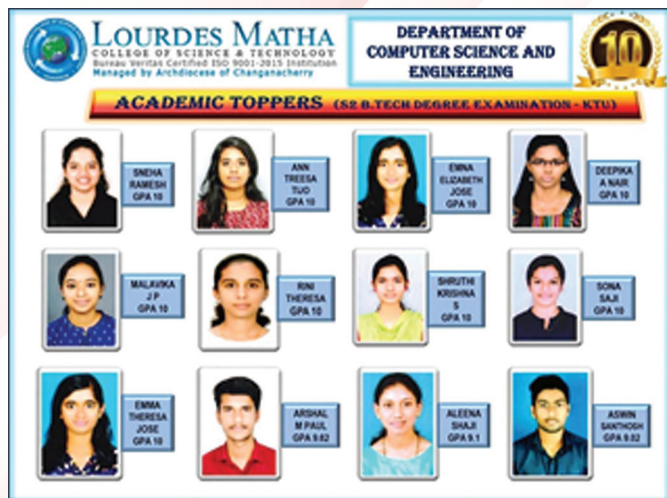
- Rosmin Rose Binoy, Soorya S Suresh, Lokitha P L of S2 CSE participated in the International Webinar on "Journey as a Scientist of ISRO" organized by TEAM 2020 Helpers on 29/05/2021.
- Joshu Joseph, Lokitha P L, Soorya S Suresh, Rosmin Rose Binoy of S2 CSE completed a 7-day Python and Machine Learning Bootcamp with ShapeAI, Microsoft Learn and AWS Students club.
- Josephina Benny of S2 CSE participated in Yoga Quiz on International Yoga Day organized by the Ministry of AYUSH and MyGov.
- Joshu Joseph of S2 CSE completed a course on Introduction to Intel Distribution of OpenVINO toolkit for computer vision application. Course authorized by Intel and offered through Coursera.
- Sidhiq N S, S2 B.Tech CSE secured second prize in the Quiz competition on World Environment Day organized by the department of CSE and CE in association with the ISTE Student Chapter on 01.06.2021.
- Nandana V S of S2 B.Tech CSE secured the first prize in the Drawing Competition on World Environment Day organized by the ISTE Student Chapter on 01.06.2021.
- Nandana V S of S2 B.Tech CSE Secured first prize in Poster Making Competition on Anti-Drug Day organized by Department of Mechanical Engineering in association with ISTE Student Chapter on 26/06/2021.
- Karthik Nandan K Y of S2 B.Tech CSE Secured second prize in Poster Making Competition on Anti-Drug Day organized by Department of Mechanical Engineering in association with ISTE Student Chapter on 26/06/2021.
- Biji Joy of S8CSE successfully completed NPTEL MOOC course on "Introduction to Machine Learning" January-April 2021
- Sona Saji, Sona Krishna R S, Sneha Ramesh, Sandra Alex, Jith Abraham, Joe Toney, Malavika J P, Paulwin S R, Rilu M Renchi, Rini Theresa and Roopak Roshan of S4 CSE B Batch qualified for Spoken Tutorial Project at IIT Bombay training completion Certificate in Python 3.4.3, conducted remotely from IIT Bombay on 22 June 2021.
- Joe Toney and Rini Theresa of S4 CSE B Batch have successfully completed the Problem Solving and Programming Logic Development certification course conducted by ACM Kollam Chapter during 14.02.2021 to 20.02.2021.
- Sreeranjini R S of S4 CSE, has secured 2nd position in the TECH QUIZ conducted by the Department of

Electronics and Communication on May 11, 2021.

- Malavika J P of S4 CSE coordinated the Drawing Competition by Arts Club LMCST, on World Environment Day in association with ISTE Student Chapter on 01.06.2021.
- 23 students from S6 CSE (2018- 2022) have successfully completed Spoken Tutorial Project in HTML, conducted remotely from IIT Bombay on 17 June 2021.
- 28 students from S6 CSE (2018- 2022) batch have successfully completed the AWS foundation course (20 hrs) coordinated by ASAP. Session was handled by AWS certified cloud practitioner Prof. Renetha J B.
- 5 students from S6 CSE (2018- 2022) batch have successfully completed Google Cloud training on Architecting with Google Compute Engine".







## DEPARTMENT OF CIVIL ENGINEERING

### DEPARTMENT NEWS & ACTIVITIES

- FECTA, the Civil Engineering Association of LMCST conducted an online technical talk on 'Career opportunities for Civil Engineers' on 7th February 2021 for the students of CE department. Prof. Aswin Chandran, Director, CGP Career Avenues was the resource person. Prof. Mohan S, HOD Civil Engineering Dept. presided over the program. FECTA Staff coordinator Prof. Indu Rajan, faculty members of CE dept. and around 40 civil engineering students participated in the programme.
- FECTA, the Civil Engineering Association of LMCST conducted a webinar on "Career openings for Civil Engineers in Public Sector" in association with Civilianz on 25th May 2021. Mrs. Pavithra V, manager of Corporate Relations, Civilianz was the speaker. Prof. Neethu S S coordinated the webinar. Prof. Mohan S, HOD Civil Engineering Dept. presided over the program. Around 70 students attended the program.
- FECTA, the Civil Engineering Association of LMCST conducted a webinar on "Static & Dynamic Analysis of Skyscraper Buildings using E tabs. Technology for a better World" in association with CADD CENTRE on

29th May 2021. Prof. Indu Rajan and Prof. Divya Jose coordinated the event in which Shri. Sajju, Trainer CADD Centre Trivandrum was the resource person. Around 40 students participated in the webinar.

- Department of CE and CSE of LMCST in association with the ISTE students chapter organized an online quiz on "Environmental Sustainability" on 1st June 2021 as part of the World Environment Day.
- FECTA, the Civil Engineering Association of LMCST made an Environmental awareness video as part of the World Environment Day celebrations 2021.
- FECTA, the Civil Engineering Association of LMCST organized a webinar on 'Air pollution due to industrial activities on 5th June 2021. Shri. Narayanan K, CEO, EN Tech Consultants Chennai was the resource person. Prof. Mohan S, HOD, CE Dept. presided over the program. Prof. Indu Rajan coordinated the webinar. Faculty members of the department and around 65 students participated in the webinar.
- FECTA, the Civil Engineering Association of LMCST organized a technical seminar on "Concrete-An Enigmatic Construction Material" on 19th June 2021 in association with DH Academy Cochin. Er. Shyju Nair, CEO, DH Academy Cochin was the resource person. Prof. Indu Rajan coordinated the technical seminar which was attended by around 45 students of the CE department.

### FACULTY ACHIEVEMENTS

- Prof. Indu Rajan Participated in the live webinar on 'Wetlands and Water' on 4th February 2021 organized by the Environmental and Water Resources Engineering division of CE dept. and Nature club of Mar Baselios College of Engineering & Technology, Trivandrum.
- Prof. Neethu S S attended the webinar on "Excellence for Empowerment" conducted as part of the Women's Day Celebration of LMCST on 8th March 2021.
- Prof. Indu Rajan Participated in the DTE sponsored online training programme on 'Climate Change Challenges-Mitigation and Adaptation' from 15th to 20th March 2021 organized by the College of Engineering Trivandrum.
- Prof. Indu Rajan Successfully completed the COP+26 2021 International Climate Action Course organized by ICUN based on United Nations COP26,2021, UK supported by Raman Science Centre on 31st March 2021.
- Prof. Neethu S S, Prof. Anuja Sankar and Prof. Amal Cyriac Jose attended the 5-day online FDP on the theme "Inculcating Universal Human Values in



Technical Education” organized by All India Council for Technical Education (AICTE) from 17th May to 21st May 2021.

- Prof. Neethu S S conducted and participated in a webinar on “Career openings for Civil Engineers in Public Sector” conducted by FECTA, CE Department, LMCST in association with Civilianz on 25th May 2021.
- Prof. Sumitha Rani P R, Prof. Indu Rajan, Prof. Anupama P L, Prof. Sheeba Kumari J S and Prof. Neethu S S attended the technical talk on “Air Pollution Due to Industrial Activities” on 5th June, 2021, organized by FECTA, Department of Civil Engineering, LMCST, Trivandrum.
- Prof. Sneha S B participated in the five-day online FDP on “RECENT ADVANCES IN SEISMIC AND WIND LOAD ANALYSIS OF STRUCTURES” organized by Department of Civil Engineering, Mar Baselios College of Engineering and Technology, Thiruvananthapuram from 7th to 11th June, 2021.
- Prof. Indu Rajan participated in the 2-day online workshop on “Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions” conducted by “Institute for Academic Excellence, Hyderabad” in collaboration with “Collegiate Education & Technical Education Department, Telangana State” on 21-22 June 2021.

## STUDENT ACHIEVEMENTS AND ACTIVITIES

- Gokul GT of 2017-21 batch CE was elected as the Arts and Literary club secretary and Sonu Shabir of 2019-23 Batch CE was elected as Lady Representative in the Student council office bearers for 2021-22 election held on 5th February 2021.
- Jithin T Abraham of S8 CE (2017-21 batch CE), secured 1st position in the Online painting competition jointly organized by Department of Electronics and Communication LMCST and Vivarthana club on 1st May, 2021.
- Arya Nanda of S2 CE (2020-24 batch CE) secured first prize in the online quiz on “Environmental Sustainability” organized by the Department of CE and CSE with ISTE students’ chapter on 1st June 2021 as part of the World Environment Day.
- Akhil S J, Anand Sekhar, Beegum Mariyam Haleef and Sonu Shabir of S4 CE (2019-23 Batch CE) made an Environmental awareness video as part of the World Environment Day celebrations 2021.
- Devadath A G and Anishma A S of S8 CE won the first and third prize respectively in the Tech Quiz

competition conducted by ECE department of LMCST on 11th May 2021.

## STUDENTS ACADEMIC ACHIEVEMENTS

- Two students of S4 CE (2018-22 batch CE) scored SGPA of 10.0 in the KTU S4 B.Tech degree examination held in April/May 2020. Pass percentage of the 2018-22 batch CE was 100 %.



**ASHNA S S**  
SGPA: 10.0



**KALIDASAN S S**  
SGPA: 10.0



**HARISHANKAR T P**  
SGPA: 9.57

- Two students of S6 CE (2017-21 batch CE) scored SGPA of 10.0 in the KTU S6 B.Tech degree examination held in April/May 2020. Pass percentage of the 2017-21 batch CE was 87.2%.



**GRACE SOPHIA S**  
GPA: 10.0



**SRUTHI AS**  
SGPA: 10.0



**MEENAKSHI S**  
SGPA: 9.17

- Two students of S2 CE (2019-23 batch CE) scored SGPA of 10.0 in the KTU S2 B.Tech degree examination held in April/May 2020. Pass percentage of the 2019-22 batch CE was 97.3%.



**ANUJA B S**  
GPA: 10.0



**SONU SHABIR**  
SGPA: 10.0



**ANASWARA SIMON**  
SGPA: 9.86

- The pass percentage of S7 CE (2017-21 batch CE) in the KTU S7 B.Tech degree examination held in Dec 2020 was 44.7%. Three students had SGPA more than 9.0.





**MEENAKSHI S**  
SGPA : 9.45



**SRUTHI AS**  
SGPA : 9.36



**GRACE SOPHIA S**  
GPA : 9.32

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### DEPARTMENT NEWS

- Department of ECE conducted a workshop on: "Introduction to coding" from April 28th to 3rd May 2021.
- Department of ECE conducted a "Online Painting Competition" on May 1st 2021.
- Department of ECE conducted a webinar on "Career Options and opportunities for Electronics Graduates" on 27th April 2021.
- Department of ECE conducted a Tech Quiz on National Technological day May 11th 2021.
- Department of ECE conducted a Tech Talk on 12th June 2021 in association with ISTE student chapter.

### STUDENT ACADEMIC ACHIEVEMENTS

- ECE Department got 100 % result in S6 B.Tech degree examination held in December 2020 for 2017-2021 batch.
- ECE department got 100 % result in S4 B.Tech degree examination held in December 2020 for 2018-2022 batch.
- ECE department got 94.4 % result in S2 B.Tech degree examination held in January 2021 for 2019-2023 batch.

### ACADEMIC TOPPERS

#### Dept. of ECE (Academic Toppers)



**Shibina Shajahan**



**Lekshmi R**



**Adhithya**



**Josemon S S**

### FACULTY ACHIEVEMENTS

- Prof. Jinju Joy attended a webinar on "Door steps for Electronics Engineers" conducted by Heera College of Engineering and Technology on 22nd May 2021.
- Prof. Jinju Joy has participated and successfully completed 5 days online FDP "Student Induction on UHV" conducted on 17th May to 21st May 2021.
- Prof. Sajitha P attended National Level 5-days workshop on "Transformation through NAAC Assessment and Accreditation process" on June 2021.

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### FACULTY ATTENDING WEBINARS AND FDP

- Prof. Jean Dickson Attended an international conference on "Power and Energy-PEC on 2021 from 1st February -3rd February 2021.
- Prof. Rikesh P Mathew, Prof. Jean Dickson, has attended an FDP ON "State of the Art Technologies in EV Control" organized by department of Electrical and Electronics, Govt. Engineering College Palakadu from 3rd March- 5th March 2021.
- Prof. Rikesh P. Mathew, Prof. Ashitha M, Dr. Johnson Y has attended a STTP on "Research trend and advances in navigation and control of unmanned Aerial Vehicles" organized by College of Engineering Trivandrum from 22/03/2021 to 27/03/2021.
- Dr. Johnson Y has attended an online Orientation training program for mentors organized from 15th March to 19th March 2021 under National Initiative for Technical Teachers Training.
- Prof. Ashima C R & Prof. Maria Mathew of department of EEE, has attended a five-day online training program on AICTE Incorporating Universal Human Values in Education (an AICTE Initiative) from 17th May 2021 - 21st May 2021.
- Prof. Maria Mathew has attended a webinar on "Adaptive super twisting sliding mode controller design for a class on non-linear elements" conducted by research cell on 29th May 2021.
- Prof. Ashima C R has attended a workshop on Transformation through NAAC assessment and accreditation process from 21 June 2021-22 June 2021.

### STUDENT PLACEMENTS (2017-2021 BATCH)

Mahesh Krishna V S has got placed in Mykademy.



## 5 MAY 2021-19 MAY 2021-ONLINE SUMMER CAMP

Department of Electrical and Electronics, LMCST has organized a two-week online summer camp for Higher secondary students from 5th May-19 May 2021. Around 113 participants has registered for the online summer camp. It helped the students to understand the basic knowledge in electrical quantities such as current, voltage, energy etc and the impact of electrical engineering in our daily lives.

## JUNE 2021- THREE DAY WORKSHOP ON BASICS OF ELECTRICAL ENGINEERING

Department of Electrical and Electronics has conducted a Three day workshop on basics of Electrical Engineering by Dr. Rajan Pullanghad(Certified Energy Auditor and Energy Manager).

## DEPARTMENT OF MECHANICAL ENGINEERING

### DEPARTMENT ACTIVITIES

- Department of Mechanical Engineering organized an Online Summer Course on “3D Printing with CAD” for Higher Secondary students from May 17 to May 20, 2021. Prof. Dr. Renjin J. Bright was the coordinator. Department faculties, Prof. Niyas Salim & Prof. Sajith Krishnan R. took the class and the lab session was handled by Mr. Chandradas.
- A webinar on “Career opportunities and higher studies in foreign countries for Mechanical Engineering graduates” was conducted on 30th April, 2021. Prof. Jobin Jose was the coordinator.

- A webinar on “Dimension- Driven solid modelers; Solid works, Catia” was conducted on 25th April, 2021 for Mechanical Students. Prof. Sajith Krishnan R. was the coordinator.
- A talk, by IVION Industrial Academy, about Placement opportunities in different industrial sectors like shipyard was organized for Final year (2017-21 batch) students on May 9th, 2021. Prof. Resmi V Prasad, coordinated the meeting.
- Cancer Treatment fund (Rs. 55,000/-) raised by the staffs and students of Mechanical Engineering was handed over to Abhilash's mother.
- Department of Mechanical Engineering conducted a Poster making competition on Anti-Drug Day on behalf of ISTE, LMCST on June 26, 2021. Mr. Abhishek Sujin and Mr. Akhil S. organized the program successfully under the guidance of Department ISTE coordinator, Prof. Resmi V Prasad.

## PLACEMENT

- Mr. S. Easwaran Namboodiri and Mr. Joyal P. Binoy got placed at mykademy.
- Mr. Joyal P. Binoy got placed in Infosys.

## FACULTY ACTIVITIES

### Prof. Resmi V Prasad, Associate Professor and HOD

- Participated in a One Week National Level Online Faculty Development Program on “Innovations in Materials and Manufacturing Processes (IMMP-2021)” organized by the Department of Mechanical engineering, Vemu Institute of technology, held from 21st to 25th June 2021.
- Participated in the webinar on “Plastic Injection Mold Design and Development” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 19-05-2021, through online pedagogy.
- Participated in the 5-day Faculty Development Program on “Accelerating innovations in material science-surface characterisation “organized by the Department of Chemistry, BMS Institute of Technology & Management, Bengaluru, held from 18th to 22nd May 2021.
- Participated in a National webinar on “Tribological challenges- Industrial Perspective”, organised by the Department of Mechanical Engineering, Easwari Engg. College, Chennai on 10th April, 2021.
- Participated in the Guest lecture on “Energy Conservation and Management”, organised by the Department of Mechanical Engineering, Arasu Engg. College, Kumbakonam on 28-04-2021.



- Participated in the International webinar on “Concept of traditional design in Mechatronics” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 21-05-2021, through online pedagogy.
- Participated in the National webinar on “Potential multifold of Additive manufacturing in India with business case study” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 24-05-2021, through online pedagogy.
- Participated in the International webinar on “Foundation of Computational Fluid Dynamics” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 25-05-2021, through online pedagogy.
- Participated in the webinar on “Advanced Engineering Materials” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 27-05-2021, through online pedagogy.
- Participated in the webinar on “Aerodynamics in Automobile” organised by the Departments of Mechanical & Automobile, Arasu Engineering College, Kumbakonam, on 01-06-2021, through online pedagogy.
- Participated in a three-day National Online FDP on “ICT tools for effective teaching-learning”, from 08-10th June, 2021 organised by OQAC, Kamala Nehru Mahavidyalaya, Nagpur.
- Participated in the 6-day Faculty Development Program on “Recent Developments in materials, manufacturing and thermal applications” organized by the Department of Mechanical Engineering, Centre for Material Science and University-Industry Interaction Centre held during 07-06-2021 to 12-06-2021 at Karpagam Academy of Higher Education, Coimbatore.

**Prof. Bindhu M V, Associate Professor,**

- Participated and presented a paper titled “A Review on Application of Nanomaterials in Heat Transfer Fluid for Parabolic Trough Concentrators” in ICMMM 2021 International Conference on Material Manufacturing and Modelling through virtual mode 19, 20 and 21 March 2021 organised by VIT Vellore.
- Published a paper titled “A review on application of nanomaterials in heat transfer fluid for parabolic trough concentrator” in Materials Today: Proceedings 46P17 (2021) pp. 7651-7660, issn: 2214-7853.

- A review paper titled Thermal Performance Improvement of Solar Parabolic Trough Collector a Review was submitted to the Elsevier Journal Renewable and Sustainable Energy Reviews with an impact factor of 12.6, was assigned with a Ref. No. RSER-D-0063.

**Prof. Dr. Renjin J Bright, Associate Professor,**

- Published an SCI Journal: Proc IMechE Part C: J Mechanical Engineering Science. (SAGE, IF- 1.762) Title: “Influence of barite particulate filler on the mechanical behaviour of carbon fiber reinforced LY556 epoxy matrix composites”. (Accepted For Publication- April 2021).
- Co-Authored two Books published in the year 2021 under the affiliation of LMCST
  1. Anup Goel, A. Jacob Moses, Dr. Renjin J Bright, “Computer Aided Design” (Gujarat Technological University), Technical Publications, ISBN- 978-93-90450-53-4.
  2. Anup Goel, A. Jacob Moses, Dr. Renjin J Bright, Subhash L. Gadhave, “Computer Integrated Manufacturing Systems” (Anna University), Technical Publications, ISBN- 978-93-90450-62-6.
- Attended an Online FDP- “TEACHING-LEARNING USING MATLAB”, Nov 24, 2020 to Nov 28, 2020, organized by GURU GHASIDAS VISHWAVIDYALAYA Bilaspur, Chhattisgarh.
- Attended an Online FDP- “Mechanical and Manufacturing Engineering”, Dec 21, 2020 to Dec 25, 2020, organized by Vishwakarma Institute of Information Technology, Pune.
- Attended a KTU Sponsored online FDP on “Composite Mechanics and Materials” during 8th to 10th July 2012, organized by College of Engineering, Muttathara,
- Attended an AICTE-ISTE Sponsored Online Refresher programme on “Scope of IOT and its application in Automotive and Agricultural Industry” organized by Government College of Engineering and Research, Awsari, Pune, during 3rd May to 8th May 2021.
- Participated in a webinar on Outcome Based Education and Accreditation conducted by KTU on 9th March 2021.
- Participated in IEI Technical Webinar on “DEVELOPMENTS IN GAS TUNGSTEN ARC WELDING (GTAW) WITH REFERENCE TO WIRE ARC ADDITIVE MANUFACTURING (WAAM)” organized by The Institution of Engineers (India) on 19 May 2021.





# Editorial Board



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