



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

Vol 11 | Issue 01 | January - June 2019

Archdiocese of Changanacherry has taken over the management of Lourdes Matha College of Science and Technology, Kuttichal with effect from 19th March 2019.



Patron
Mar Joseph Perumthottam
Archbishop of
Changanacherry



Mar Thomas Tharayil
Auxiliary Bishop of Changanacherry



Mar Joseph Powathil
Archbishop Emeritus Changanacherry



Manager & Director
Rev. Dr. Tomy Joseph Padinjareveetil



President, LMCS
Rev. Fr. Jose Viruppel
Vicar, Lourdes Forane Church



Executive Director
Rev. Dr. Sony Mundunadakkal



Bursar
Rev. Fr. Avies Edachethra



Warden
Rev. Fr. Varghese Nambimadom

Our Flag Bearers

Director's Message



LMCST is making remarkable strides in academic, co-curricular and extracurricular activities of the students and well-nourished academic ecosystem for the faculty and students. The concerted efforts of faculty and staff to motivate and empower the students in their pursuit of academic excellence is appreciated. In addition, inculcating good moral values is of paramount importance in the all-round development apart from the academic excellence of the students. In this context, it is highly satisfying to know the release of the newsletter portraying all the activities of our campus which is the primary medium to disseminate our achievements and progress to both within and outside the campus. The newsletter would be beneficial to the LMCST family for the continuous evaluation and improvement for the bright future. I congratulate the vibrant editorial team for their untiring hard work and dedication in the preparation of this edition of the newsletter. My best wishes for the students, faculty and staff.

Rev. Dr. Tomy Joseph Padinjareveetil

Principal's Message



The newsletter of an academic institution is a collate of academic and co-curricular achievements mirroring milestones, activities, experiences and enables to look backwards in time to evaluate critically through events for continuous evaluation and improvement. In this sense, it is a very important medium to chronicle and disseminate pertinent information relevant to us. The divine recovery and progress in all spheres in which the Archdiocese of Changanacherry played the key role to ensure prosperity in terms of targeting excellence in teaching-learning process, improved knowledge dissemination, skill and personality development for students in addition to charity and extension activities to the society at large are significant. The dedication of faculty and support staff is praiseworthy. The resourceful students molded by LMCST are the asset to transform our country a developed nation in all dimensions. I congratulate the newsletter team and all those who have contributed for the same. My best wishes for the students, faculty and staff.

Dr. P.P. Mohanlal

LMCST Collaborates with XIME

The Management Programme (LMIMS) of Lourdes Matha College of Science and Technology has entered into an academic collaboration with XIME, Bangalore, rated among the top 1% Business Schools in the country. XIME Bangalore was established in 1991 by the XLRI & Harvard educated Prof. J. Philip, former Director, IIM Bangalore and former Dean, XLRI. Prof. Philip is credited with being a cofounder of the MBA programme at XLRI and also a recipient of the AIMA's prestigious National Award for Academic Leadership in Management Education. Prof. Philip, recognized as the Doyen of Management Education in Karnataka by 'The Hindu', has been instrumental in taking the institution to greater heights over the 28 years of its existence and today its illustrious alumni occupy leadership positions in organizations like Infosys, TCS, Wipro, KPMG, JP Morgan etc.

Prof. J. Philip will be the Academic Mentor to LMIMS and will also teach at LMIMS. A number of faculty from XIME will be involved in taking courses at LMIMS and the entire program will be managed by the leadership from XIME. Dr. J. Alexander, IAS (Retd.), former Chief Secretary and Cabinet Minister of Karnataka state, is the Chairman of LMIMS and will be the driving force behind this initiative.



The Dean of LMIMS, Prof. Alok K, a PGDM holder from TAPMI and an FDP alumnus of IIM Ahmedabad, is again from XIME and will be involved with the operational aspects of program delivery apart from being a full-time mentor to the students. This collaboration brings with it enhanced program delivery apart from a new focus on soft skills to make the students employable. It will leverage XIME Bangalore's corporate connect to bring in better industry linkage and placement opportunities to LMIMS graduates.

LMIMS aims to be the leading Business School in Kerala providing quality management education and be the first choice for recruiters of management graduates.

EQUINOX 2019

"The new leadership of the Changanacherry Archdiocese will lead Lourdes Matha educational institutions to the top spot in the education sector", said Deputy Speaker V. Sasi. "The Archdiocese of Changanacherry has always held great importance in the field of education. This is sure to be the case with the Lourdes Matha educational institutions". He was speaking at the inauguration of the Intercollegiate Fest "Equinox 2019" held at Kanakakkunnu. The Managing Director, Rev. Dr. Tomy

Joseph Padinjareveetil presided over the function. Mr. Ranjith Pillai, LMIHMCT Principal, Mr. Philip John, Secretary, Dr. P.P. Mohanlal, LMCST Principal, Fr. Avies Edachethra, Bursar, Rev. Dr. Sony Mundunadakkal, Executive Director, Prof. P. M. Hormese, Former Director and Sharon Mohan, Chairman, LMCST College Union addressed the gathering. Students from various colleges participated in various competitions including dance and music.



Career Guidance



Career guidance class organized by Lourdes Matha group of Institutions at St Mary's Church Ithithanam in association with Yuva deepthi Ithithanam. The class was taken by Mr. Joseph Antony.



Career Guidance class organized by Lourdes Matha Group of institutions at Mar Sleeva Church Purakkad in association with Forane Yuva Deepthi Alappuzha. The class was taken by Prof. Dr. PC Aniyankunju



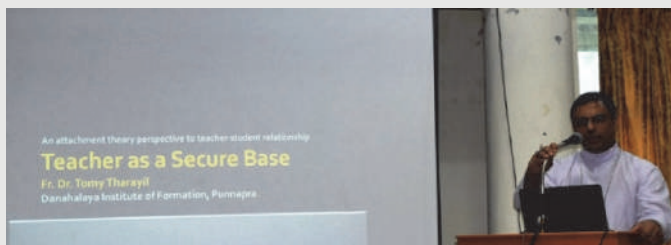
Career Guidance class organized by Lourdes Matha Group of institutions at St. George Church Edathua. The class was taken by Rev. Fr. Avies Edachethra

Talk on various national level projects training programs taken up by CDAC

An insight on various national level projects and training programs taken up by CDAC was given to B.Tech CSE, ECE and MCA students by Dr.C P Johnson, Associate Director, CDAC Mumbai, Sri V K Bhadran, Senior Director, C-DAC Tvm and Sri. Hiron Bose, Principal Engineer, CDAC, Tvm on 03.05.2019 at LMCST.



VISION 2025 @ LMCST- a learning Centre of excellence



The project 'VISION 2025' aimed at modernizing teaching-learning process in professional education was inaugurated by Mar Thomas Tharayil, Auxiliary Bishop of Changanacherry at Lourdes Matha College of Science and Technology (LMCST), Kuttichal, Thiruvananthapuram on 24th May 2019. The first guiding lecture was also delivered by Mar Thomas Tharayil. The programme was attended by all the faculty members of Lourdes Matha Group of Institutions. The detailed plan of action for achieving excellence in engineering education was charted out through brain storming group discussions among faculty. Follow up programmes of VISION 2025 would continue to transform LMCST a learning Centre of excellence.



World Environment day Celebration and Activities @ LMCST

IITBombay Remote Centre

A one day workshop on Python was conducted by IIT Bombay at Lourdes Matha College of Science and Technology on 22.06.19.



National Technology Day Celebrations

National Technology Day was organized on 11.05.2019 in association with KSCSTE at Lourdes Matha College of Science and Technology, Kuttichal. LMCST Principal Dr. P P Mohanlal presided over the function. Dr. Umesh Kadane, Associate Professor & Head, IIST, Rev. Fr. Varghese Edachethra, Bursar, Prof. Selma Joseph, Head, MCA Dept. inaugurated the function.

In the course of the lecture series, Dr. Umesh Kadane, Dr. Sam K. Zacharia, Professor, Dept. of Avionics, IIST and Dr. Chin Moy Saha, Professor, Dept. of Avionics, IIST gave the keynote address.



Specialist lectures arranged were 'Quantum Direction of Space Technology' by Dr. Umesh R Kadhane, Associate Professor & HOD, Department of Physics, IIST, "Industry 4.0" by Dr. B.S Manoj, Professor & HOD, Department of Avionics, IIST and "Autonomous Humanoid Robot: Mechanisms and Control" by Prof. Sam K Zachariah, Adjunct Professor, Department of Avionics, IIST.

PLACEMENT CELL



Details of Placement (On campus, off campus, Company Referral) for the year 2018-2019

Sl. No	Name of the student	Branch and Year	Details of Organization
1	Irine H	2019, CSE	Wipro
2	Neeraja Radhakrishnan	2019, CSE	Wipro
3	Neeraja Radhakrishnan	2019, CSE	Experion Technologies
4	Lakshmi L	2019, CSE	Experion Technologies
5	Amritha G	2019, CSE	Poornam infotech
6	Aarathi B	2019, CSE	Trenser technology
7	Ashna M Paul	2019, CSE	Trenser technology
8	Sreelakshmi G Bhatt	2019, CSE	Attinad Software
9	Reshma S . V	2019,EEE	Quest Global Technologies
10	Nadiya Rajendran	2019, MCA	E J Gates.
11	Vishalini M L	2019,ECE	E J Gates.
12	Surya B S	2019,ECE	E J Gates
13	Abhay H Kumar	2019,ME	Agile Consultancy
14	Sreehari S Nair	2019,CE	Agile Consultancy
15	Neeraja Radhakrishnan	2019, CSE	Hexaware
16	Abhijith	2019, EEE	Philips Engineering Services pvt Ltd.
17	Abhijith A S	2019,ME	Philips Engineering Services pvt Ltd.
18	Akash U	2019,ME	Philips Engineering Services pvt Ltd.
19	Akhil Kumar S	2019,ME	Philips Engineering Services pvt Ltd.
20	Anand Sagar	2019,ME	Philips Engineering Services pvt Ltd.
21	Aravind B	2019,ME	Philips Engineering Services pvt Ltd.
22	Firoz Muhammed R	2019,ME	Philips Engineering Services pvt Ltd.
23	Sharan Mohan	2019,ME	Philips Engineering Services pvt Ltd.
25	Harikrishnan	2019,CSE	Navigant
26	Mariamamma	2019,CSE	Navigant

27	Adith Gopal	2019,CE	Election
28	Arjun S D	2019,CE	Election
29	Claudious Neol Manuel	2019, MCA	Polus Technologies
30	Ashish Joseph	2019, CSE	Polus Technologies
31	Harshith A S	2019, CSE	Polus Technologies
32	Jobin Sebastian	2019, CSE	Polus Technologies
33	Keerthi Krishnana	2019, ECE	E J Gates
34	Arathy G K Nair	2019, CSE	UST Global
35	Kaveri V S	2019, CSE	UST Global
36	Amritha M S	2019, CSE	UST Global
37	Gowri R Nair	2019, CSE	UST Global
38	Abhijesh Chandran	2019, CSE	UST Global
39	Reshma S V	2019, EEE	Quest Global
40	Shivakami	2019, MCA	UST Global
41	Chaithanya Ganesh	2019, MCA	UST Global
42	Vimal viswambharan	2019, EEE	UST Global
43	Shivakami	2019,MCA	Hexaware
44	AMIRTHA M S	2019, CSE	E J Gates
45	MARIAMMA KURIAKOSE	2019, CSE	E J Gates
46	SATHYA MURUGESAN	2019, CSE	E J Gates
47	ANJANA SHAJI	2019, CSE	E J Gates
48	IRINE H VARGHESE	2019, CSE	E J Gates
49	MIDHUN V NATH	2019, CSE	E J Gates
50	AKHIL KRISHNAN G	2019, CSE	E J Gates
51	NADIYA RAJENDRAN	2019, MCA	E J Gates
52	SURYA B S	2019, ECE	E J Gates
53	GOVIND S KUMAR	2019, CSE	E J Gates
54	ABHISHEK SHANKER	2019, CSE	E J Gates
55	ARATHY G K NAIR	2019, CSE	E J Gates
56	CILU SUSAN THOMAS	2019, CSE	E J Gates
57	KAVERI V S	2019, CSE	E J Gates
58	AMRITHA G	2019, CSE	E J Gates

59	SHEETHAL R NAIR	2019, CSE	E J Gates
60	ASHNA M PAUL	2019, CSE	E J Gates
61	DARSANA P	2019, CSE	E J Gates
62	OMAR SHERIF S	2019, CSE	E J Gates
63	ARYA CHANDRAN	2019, CSE	E J Gates
64	NEENU SREEKUMAR	2019, CSE	E J Gates
65	VISHALINI M L	2019, ECE	E J Gates
66	KEERTHI KRISHNAN S	2019, ECE	E J Gates
67	VISHALINI M L	2019, ECE	MYSLATE
68	JASER	2019, CSE	MYSLATE
69	SHINI	2019, CSE	MYSLATE
70	MIDHUN	2019, CSE	MYSLATE
71	AKHIL KRISHNAN	2019, CSE	MYSLATE
72	SUMI	2019, CSE	MYSLATE
73	OMAR	2019, CSE	MYSLATE
74	ANAND U K	2019, CSE	MYSLATE
75	ANN	2019, CSE	MYSLATE
76	AMRITHA	2019, CSE	MYSLATE

77	NADIYA	2019,MCA	MYSLATE
78	EMILI	2019,MCA	MYSLATE
79	RESMI	2019,CS	MYSLATE
80	NIKHIL P S	2019,ECE	MYSLATE
81	NIKHIL SABESTIAN	2019,ME	MYSLATE
82	KEERTHI KRISHNAN	2019,EC	MYSLATE
83	THASLIMA	2019,CS	MYSLATE
84	ARSHA	2019,MBA	TRAVEL SPOC
85	JAYASANKAR	2019,MBA	THROUGH FLOW CERTIFICATION
86	KARTHIK S NAIR	2019,MBA	MONT NERO
87	MEERA	2019,MBA	ENVESTNET
88	AKSHAY S B	2019,MBA	ENVESTNET
89	ASWATHY SYAM	2019,MBA	ACCESS NEXT OUTSOURCING
90	RESHMA GEORGE	2019,MCA	TAHSEEL DUBAI
91	VISHNU S	2019,MCA	E HEALTH KERALA
92	JISHNU	2019,MCA	E HEALTH KERALA

International Yoga Day

As a part of International Day of Yoga, it was decided to observe the same at Lourdes Matha College of Science and Technology on 21/06/2019. NSS programme officers Prof. Susanth S.G., Prof. Sajith Krishnan R and NSS programme Director Dr. Retnakumari Amma briefed the students about the importance of performing Yoga on a daily basis. The NSS volunteers practiced THADASAN, ARTHAKADI CHAKRASAN and SURYA NAMASKARAM demonstrated by volunteer secretary Mr. Aswin R S.



NSS Technical Cell

A socio economic survey was conducted at Kuravankonam on 3/3/19 covering more than 280 houses, Nandencode on 10/3/19 covering more than 250 houses, Kowdiar on 16/3/19 covering more than 250 houses, Sasthamangalam



on 24/3/19 for Trivandrum corporation and State planning board covering more than 261 houses.

World No Tobacco Day

World notobacco day was observed at Lourdes Matha College of Science and Technology on 31/05/2019. College director Rev. Dr. Tomy Joseph Padinjareveettil, Executive Director Rev. Dr. Sony Mundunadackal, Bursar Rev. Fr.



Varghese Edachethra and programme officer Prof. Susanth S G gave message to Students and NSS volunteers. The theme of this years World no tobacco day at LMCST was "No to tobacco, Yes to sports".

IEDC

◆ The Innovation and Entrepreneurship Development Cell of LMCST organized an orientation session for the first year students on 26th February 2019. The session was handled by Ms. Aardra Chandramouli, Founder and CEO, Aeka Biochemicals Pvt. Ltd.

◆ Seven students from LMCST were nominated and sponsored by IEDC to participate in the training 'Software Engineering using Agile Methodology' organized by ICT Academy at Marian engineering College on 14th and 15th Feb 2019.

◆ Five students from LMCST were nominated and sponsored by IEDC to participate in the training 'Product design and development' organized by ICT Academy at Sree Chitra Thirunal College of Engineering, Pappanamcode on 14th and 15th Feb 2019.

◆ Seven students from LMCST were nominated and sponsored by IEDC to participate in the Workshop 'IoT Application Development' organized by ICT Academy at Barton Hill College of Engineering, on 9th and 10th

March 2019.

◆ An Ideation Workshop was conducted for the first year students on 18th March 2019. The session was handled by Ms. Cibumol B. Babu, Nodal Officer, IEDC LMCST.

◆ Five students from LMCST were nominated and sponsored by IEDC to participate in the training 'Mobile Application development' organized by ICT Academy at Trinity College of Engineering, on 9th and 10th April 2019.

◆ IEDC in association with the Department of EEE organized a Two day Competency Improvement Program in Electric and Hybrid Vehicles Engineering on 27th and 28th April 2019.

◆ IEDC in association with the Department of EC organized 'Robotrix', a Two day hands on training on Arduino based Robo Designs on 9th and 10th May 2019.

◆ The Department of CS in association with IEDC organized a one week summer course on Animation and Web designing from 27th May to 31st May 2019.

Internal Quality Assurance Cell (IQAC) Activities

A one day workshop on "Revised Accreditation Framework of NAAC" by Dr. Gabriel Simon Thattil, IQAC Director and Professor (Dept. of Commerce), Kerala University was organized by the Internal Quality Assurance Cell (IQAC) of Lourdes Matha College of Science and Technology on 28.06.2019.



Infosys Campus Connect



An industrial visit to Infosys Ltd., Trivandrum was arranged for B.Tech CSE, ECE and MCA students on 27.03.2019 as part of Infosys Campus Connect Programme.



Annual NSS Camp

Lourdes Matha College of Science and technology, 2018-19 NSS technical cell has organised a 7 day camp from 23/03/2019 to 29/03/2019 at Palaikonam village in Villa Nazerath English Medium School. 57 students have actively participated from unit no. 525 and 529 for the camp. Kuttichal Panchayath President G. Manikantan inaugurated the camp. NSS volunteers conducted an online socio economic survey at Sasthamangalam, Kuravankonam, Nanthencode, Mudavanmugal and Kowdiar ward for Thiruvananthapuram Corporation and Kerala State Planning Board, surveying more than 1300 houses. NSS volunteers also conducted a socio economic survey at Kottoor tribal colony.

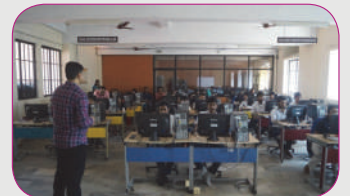


DEPARTMENTAL NEWS

Department of Computer Science and Engineering

DEPARTMENT ACTIVITIES

- A four day workshop on “Introduction to Machine Learning” was organized by the FOSS Club of department of Computer Science and Engineering in association with IEDC from 02.04.19 to 05.04.19 for S6 and S8 B.Tech CSE students. The workshop was technically sponsored by International Centre for Free and Open Source Software (ICFOSS), Govt. of Kerala.



- Five days summer course on “Animation and Web Designing” organized by department of Computer Science and Engineering in association with IEDC for school students was conducted from 27.05.19 to 31.05.2019 at LMCST. Rev.Fr.Aviés Edachethra, Bursar presided the function. Shri.Ayyapan Asokan, Co-Founder and CEO of Enfin Technologies India Pvt. Ltd & Alumnus of LMCST inaugurated the function. Dr.Mohanlal P.P., Principal felicitated the gathering. The sessions were handled by Prof.Renetha J.B. and Mr.Vishnu P.N.



FACULTY ACTIVITIES

- Prof.Beshiba Wilson attended the one day workshop on “Art of Thesis Writing” conducted on 19.01.2019 at Loyola School of Social Sciences, Trivandrum.
- Prof.Renetha J B, Associate Professor, handled an expert session on “Relational Algebra -DBMS” organized by Department of CS/IT, College of Engineering Perumon Kollam on 13.02.2019.
- Prof.Beshiba Wilson attended the one day Coordinator’s workshop on “Python” conducted by IIT Bombay on 25.05.2019 at Lourdes Matha College of Science and Technology.
- All faculty members of CSE department participated in the one day workshop on Python conducted by IIT Bombay at Lourdes Matha College of Science and Technology on 22.06.19.

STUDENT ACTIVITIES

- Mr.Ashish Joseph V.B. of S8 CSE secured 84.34 percentile and Mr.Omar Sherif S. of S8 CSE secured 83.47 percentile in the GATE 2019 examination.
- The ISTE Student Chapter conducted an essay writing competition (Prelims) on the topic “Love



in Life and family” for S6 B.Tech CSE on 13.02.2019 as part of Valentine’s day celebrations. 10 students participated in the competition.

- The ISTE Student Chapter conducted an essay writing competition (Finals) on the topic “60-aam Vayassile Valentines Day Celebration” for S6 B.Tech CSE on 14.02.2019 as part of Valentine’s day celebrations. Ms.Sukanya Sudarshanan of S6 B.Tech CSE won the Second Prize in the finals.
- Ms. Neeraja Radhakrishnan of S8 B.Tech CSE received the “Best Outgoing Student- 2019” award during EQUINOX 2019.



- Ms. Sagara M.R., M4 M.Tech and Prof. Beshiba Wilson, HOD presented the paper entitled “Active Contour Models for Fetal Health Monitoring Using Ultrasound Images” in the National Conference on Innovative Computing Science & Engineering’ 19 organized by Noorul Islam University on 02.04.2019 and received the Best Paper Award.
- Ms.Sagara M.R., M4 M.Tech and Prof.Beshiba Wilson, HOD published a paper entitled “A novel Technique for Fetal Health Analysis of Ultrasound Images” published in the journal “International Journal of Emerging Technologies and Innovative Research”, ISSN-234-5162, vol. 6, Issue 4, April 2019.
- A technical quiz was conducted for S6 B.Tech CSE students on 29.04.2019 as part of National Technology day celebrations. A total of 53 students participated in the quiz competition and Ms.Aarsha B R of S4 B.Tech CSE won the first prize.
- The innovative project “Autonomous Helmet” by Mr.Mohammed Khalis and Mr.Kurien Varghese of S6 B.Tech CSE won the First prize at Trinity College of Engg., TVM as part of MAQUINA 2019 on 29.04.2019.



Department of Electronics and Communication Engineering

- ◆ Department of ECE secured 80% of result and First position in KTU Third semester B.Tech degree Examination.
- ◆ Mr. Josemon secured 8.16 GPA in S1 B.Tech degree Examination.
- ◆ Ms. Shibina Shajahan secured 9.48 GPA in S3 B.Tech Degree Examination.
- ◆ Ms. Lekshmi R R secured 9.42 GPA in S3 B.Tech Degree Examination.
- ◆ Ms. Aleena Jolly secured 8.47 GPA in S5 B.Tech Degree Examination.
- ◆ Ms Bhagya Suresh secured 8.24 in S7 B.Tech Degree Examination.
- ◆ Vivarthana, the technical club of department of ECE, organised a talk on “Cubesats” on 2-3-19. Dr. Priyadarshan and Dr. Harsha Sinha from IIST addressed the gathering.
- ◆ Dept. of ECE conducted an extension programme on ROBOTICS for +2 students under the banner of VIVARTHANA and IEDC on 9th and 10th of May 2019. The two day hands on training enabled the students to make a line follower robot.



Faculty achievements

1. Ms. Jinju Joy published a paper titled ‘Spatial frequency discrete wavelet transform image fusion technique for remote sensing application’ in the International journal of Engineering science and Technology on January 2019
2. Dr. Dinakardas, Mr. Ramprasad Tripathy, Ms. Soorya S.R, Ms. Bincy Louis, Mr. Shammy Arun Mathew, Mr. Binu Chacko, Ms. Soumya V S, Mr. Greejith M.G, Ms. Jinju Joy, Ms. Sreelekshmi R.C, Ms. Sajitha. Participated in One day Technical seminar conducted, in association with Technology day 2019 celebrations on 11th May sponsored by KSCSTE.
3. Ms. Sajitha.P, Ms. Jinju Joy, Ms. Sreelekshmi RC, Ms. Bincy Louis participated in an FDP titled “Emerging Trends and Future applications of Microelectronics and MEMS” held during 20th to 25th June 2019 in SCT College of Engineering.
4. Ms. Soorya S.R, Ms. Soumya V.S participated in an FDP titled “Recent Trends and Innovations in Bio Medical Engineering” held during 24th to 28th June 2019 in Rajadhani Institute of Engineering and Technology.
5. Dr. Dinakardas, Mr. Ramprasad Tripathy, Ms. Soorya S.R, Ms. Bincy Louis, Mr. Shammy Arun Mathew, Mr. Binu Chacko, Ms. Soumya V S, Mr. Greejith M.G, Ms. Jinju Joy, Ms. Sreelekshmi R.C, Ms. Sajitha. P Participated in One day workshop on Revised Accrediation Framework of NAAC.

DEPARTMENT OF CIVIL ENGINEERING

Department News

- The inauguration of technical fest of CE Dept., Agora-19 organised by the Civil Engineering Association of LMCST, FECTA (Forum for Environmental and Civil related Technical Advancements) was conducted on 21/3/19 at 1.30 pm at LOMAA Hall. Managing Director of LMCST, Rev. Fr. Dr. Tomy Joseph Padinjareveetil, Executive director, Rev. Fr. Dr. Sony



Mundunadakkal, Bursar, Fr. Avies Edachethra, Principal, Dr. P P Mohanlal, HOD CE, Prof. Jessy Ann Francis and Senior Professor, D Remadevi, staff and students took part in the inaugural function.

- The world water day was observed at LMCST on 22.03.2019. The observance was jointly conducted by the NSS wing and Civil Engineering Department of the Institute. The director, Rev. Dr. Tomy Joseph Padinjareveetil formally inaugurated the programme by digging a rain pit. The executive director, Rev. Dr. Sony Mundunadakkal, Bursar Rev. Fr. Avies Edachethra and Rev. Fr. Varghese Nambimadam were present on the occasion.



- FECTA, the Civil Engineering Association of LMCST conducted a one day workshop on BIM (Building Information Modelling) for the civil engineering students on 27/03/19 at LOMAA Hall. The session was handled by experts from BIM Labs Trivandrum. Around 55 students participated in the workshop.



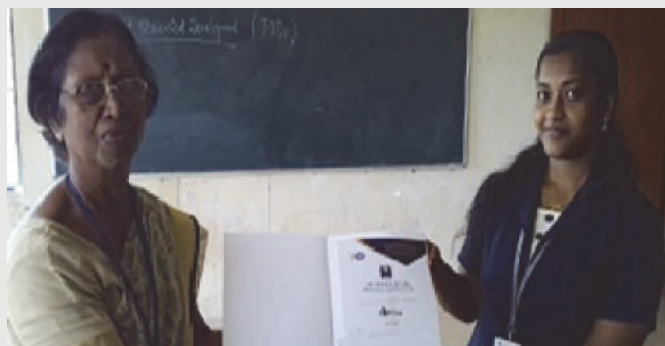
- The Civil Engineering Association of LMCST, FECTA conducted Agora-19, technical fest as part of Equinox. Various technical events were conducted on 29th March at Nishagandhi. Students from various engineering colleges participated in the fest.



Faculty Activities

- Prof. Indu Rajan, Assistant Professor, CE Dept. participated in the AICTE sponsored short term Course (QIP) on “Contemporary Technologies for Water and Waste water management” at TKM College of Engineering, Kollam from 7th-12th Jan 2019.
- Prof. Jessy Ann Francis conducted training classes for fresh engineers on “subsoil investigation with emphasis on Geophysical methods on 31st January 2019 at KERI, Thrissur.
- Prof. Jessy Ann Francis conducted training classes for fresh engineers on “Reflection Tomography on Rigid dam” on 1st February 2019 at KERI, Thrissur.
- Prof. Indu Rajan, Assistant Professor, CE Dept. participated in the two day national seminar on “Recent Trends in Environmental Engineering and Management” at UKF College of Engineering and Technology on 15th and 16th February 2019.
- Prof. Sumitha Rani P R and Prof. Anupama P L participated in technical talks conducted as

part of the National Technology Day celebration of LMCST on 11th May 2019 at LOMAA Hall.



Student Activities

- The following students topped from CE Dept. in the odd semester KTU exam.

- 1) S7 CE- Sijo S S- GPA: 8.39
- 2) S5 CE- Binsa S B- GPA: 9.13
- 3) S3 CE- Grace Sophia S- GPA: 9.42
- 4) S1 CE- Ashna S S- GPA: 9.48



SIJO S S, S7 CE



BINSA S B, S5 CE



GRACE SOPHIA, S3 CE



ASHNA S S, S1 CE



- Ms. Ayswarya Raj of S8 CE won the C-Prize exam conducted by the National Council for Technology and Training on 3rd April 2019.
- Adith Gopan and Evan G Elavungal of S8 CE won the second prize in face painting event conducted as part of 'Cult A Way', the technical fest of SCT Trivandrum on 3rd March 2019.
- Adith Gopan and Sabarikirshnan Thambi R K of S8 CE won the second prize in face painting event conducted as part of 'RAGAM', the technical fest of NIT Calicut on 23rd March 2019.
- Adith Gopan of S8 CE won the second prize in sketching event conducted as part of 'RAGAM', the technical fest of NIT Calicut on 23rd March 2019.
- Adithya M K, Arunima S S, Athira P S, Albin Antony and Manu Mohan of S8 CE won the third prize for the Fashion Show held as part of 'Aagneya 2019', the inter-collegiate arts and technical fest of Govt. Engineering College, Barton Hill Trivandrum on 7th April 2019.
- Adithya M K, Athira P S, Albin Antony and Manu Mohan of S8 CE won the first prize for the Fashion Show held as part of 'Tejaswini 2019', the inter-collegiate arts and technical fest of Marian Engineering College Trivandrum on 26th April 2019.
- Anish S U of S2 CE won the first prize for the inter class Carroms singles competition held at LMCST.
- Sidharth U P of S2 CE won the first prize for the inter class Carroms Doubles competition held at LMCST.
- Aiswarya D of S2 CE won the first prize for the inter class Carroms Singles competition held at LMCST.
- Sreejith G M of S2 CE won the third prize for the inter class Chess competition held at LMCST.
- Aswin A S of S4 CE won the first prize in the quiz competition held as part of the National Technology Day celebration of LMCST on 11th May 2019 at LOMAA Hall.
- The farewell function of S8 CE was conducted on 15th May 2019 at LOMAA Hall.

DEPARTMENT OF MECHANICAL ENGINEERING

Department Activities

- Under the Ministry of Environment Forest and Climate Control Change and Ministry of Skill development and Entrepreneurship, an upskilling and certification programme (NSQF Level 4) in the field of Air Conditioning, was successfully conducted by the Department of Mechanical Engineering coordinated by Prof. Daniel C. Ribu from 02/04/2019 to 04/04/2019, for the Eighth Semester Mechanical Engineering students (a batch of 30 students) in the College Campus.

Faculty Activities

- Prof. Amal Raj B, Prof. Sajith Krishnan R, Prof. Aebys Abraham, Prof. Anadu S Kumar, Prof. Adarsh M S of Mechanical Engineering department participated in the five day Faculty Development Programme On

the topic "Two wheeler technology", organised by the Department of Automobile, Amal Jyothi College of Engineering, in association with Royal Enfield and KTU from 24th to 28th June 2019.

- Prof. Resmi V Prasad of Mechanical Engineering department participated in the five day Faculty Development Programme on the topic "Emerging Trends in IC Engine Combustion and Emission", organised by the Department of Mechanical Engineering, Marian College of Engineering, in association with KTU from 24th to 28th June 2019.
- Prof. Resmi V Prasad Attended one day Seminar on NAAC Awareness conducted at LMCST on 28th June 2019.
- Prof. Resmi V Prasad, Presented a paper entitled "Selection of Coating Material for Magnesium

Alloy using Fuzzy AHP-TOPSIS” in the International Conference on Advances in Mechanical Engineering and Research (ICAMER-2019) on 5th of April 2019 at Rohini College of Engineering and Technology, Kanyakumari.

- Prof. Resmi V Prasad, Prof. Bindu M, Prof. Franklin P Joshua, Prof. Adarsh M S Attended Expert Talks on National Technology Day, sponsored by Kerala State Council for Science, Technology and Environment, conducted at LMCST on 11th May, 2019.
- Prof. Jayaram V and Prof. Deeja Milner L participated in the five day Faculty Development Programme On the topic “Emerging Trends in IC Engine Combustion and Emission”, organised by the Department of Mechanical Engineering, Marian College of Engineering, in association with KTU from 24th to 28th June 2019.
- Prof. Bindu M V participated in an International Conference on Recent Advances in Engineering and Technology conducted by NICHE on 12th April 2019.
- Prof. Bindu MV presented a paper in the International Conference on Recent Advances in Engineering and Technology conducted by NICHE on 12th April 2019.
- Prof. Bindu M V acted as the Remote Centre coordinator and Conducted an IITB one day workshop on PYTHON on 22nd June 2019, at LMCST.
- Prof. Bindu M V attended one day workshop on AICTE NBA accreditation on 6th June 2019.

- Prof. Anandu S Kumar, Prof. Kiran S., Prof. Daniel C Ribu, have attended Expert Talks on National Technology Day, sponsored by Kerala State Council for Science, Technology and Environment, conducted at LMCST on 11th May, 2019.

Student Activities

- Mr. Anooj S J of Mechanical (2018-2022 batch) secured 9.46 GPA in the first semester university examinations conducted by APJ Abdul Kalam Technological University, Kerala.
- Mr. Ganesh of Mechanical (2017-2021 batch) secured 8.77 GPA in the third semester university examinations conducted by APJ Abdul Kalam Technological University, Kerala.
- Mr. Hari Krishnan of Mechanical (2016-2020 batch) secured 9.22 GPA in the fifth semester university examinations conducted by APJ Abdul Kalam Technological University, Kerala.
- Mr. Anand Sagar of Mechanical (2015-2019 batch) secured 8.93 GPA in the seventh semester university examinations conducted by APJ Abdul Kalam Technological University, Kerala.
- Akshay S. Kumar (S8 ME), Aswin R.S., Akhil Shajahan, Gokul Krishnan R. B. (S6 ME) attended a two-day Workshop on Product Design & Development at SCT College of Engineering, organized by ICT Academy of Kerala on 14th and 15th February 2019.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Inclusion

- Mr. Rikesh P Mathew (M Tech - Control Systems) joined the Department as Assistant Professor (Ad-hoc Faculty).

Department Activities

- A Two-Day Competency Improvement Programme in Electric and Hybrid Vehicles Engineering was organised by the Department of EEE and IEDC on 27th and 28th April 2018 at LMCST.

Students Achievements

- Ms. Sareena M of M-Tech (Control Systems) was selected as the Best Outgoing PG student for the year 2019.
- Abhijith of S6 secured first prize for quiz competition as part of National Technology day Celebration at LMCST.

Publications by Students

- [1] Sareena A, Rikesh P Mathew, “Application of PID

Controller and Non Linear Sliding Mode Control of Two Link Robotic Manipulator”, International Journal of Engineering Research and Technology, Volume 08, Issue 05, May 2019.

- [2] Greeshma Sunny, Ashima C R, “Application of Non Linear Sliding Mode Disturbance Rejection Technique and Backstepping Controller for PMSM Drives”, International Journal of Engineering Research and Technology, Volume 08, Issue 05, May 2019.
- [3] Sangeetha S A, Jean Dickson, “An Adaptive Integral Back Stepping Control Approach for UAV”, International Journal of Engineering Research and Technology, Volume 08, Issue 05, May 2019.
- [4] Ancy G Varghese, Sreekala Devi K, “Modelling and Design of UAV with LQG and H^∞ Controllers”, International Journal of Engineering Research and Technology, Volume 08, Issue 05, May 2019.

Department of Computer Applications

DEPARTMENT ACTIVITIES

- A Student Development Programme on “Embedded Systems & IoT” was organized by Department of computer Applications in association with CDAC on 22nd March 2019. The programme was inaugurated by Mr. Sasi P., Senior Director & Centre Head, CDAC Trivandrum. Rev. Dr. Tomy Joseph Padinjareveetil presided the function. Mr. Hiron Bose, Principal Engineer and Ms. Dhanya V.S, Senior Engineer from CDAC handled the sessions. Around 70 outside college students and 32 LMCST students attended SDP.



- A Placement Training programme on “Employment Skills & Enhancement” was provided to S2 and S4 MCA students by Joel Samuel and Bindusara N. L., Head and Trainer, U.R Solutions, Bangalore at LMCST from 18th March to 20th March, 2019.

Student Activities

- S4 & S6 MCA visited FAB LAB as part of Industrial Visit in Kerala Technology Innovation Zone at Kalamasseri, Cochin on 3rd April, 2019. It aims at providing Stimulus for local Entrepreneurship and serves a platform for learning and Innovation.
- S4 MCA attended IEDC Training programme on “Mobile Application Development” at Trinity College of Engineering, Naruvamoodu, Trivandrum on 9th and 10th April, 2019
- S6 MCA attended a placement drive on Ubix Systems Marketing Pvt Limited, Trivandrum at LMCST on 12th April, 2019 and UST Global, Technopark at Mohandas College, on 24th and 25th April, 2019.

- S6 MCA attended Attinad Placement Drive at Marian Engineering College, on 7th February, 2019.
- S6 MCA attended interview sessions on Softskills conducted by Malayala Manorama in association with Proctor & Gamble held at LMCST on 8th February, 2019.
- S4 MCA attended a talk on ‘Internship for Engineering Students’ by Mr. Sreejith G, Team Lead in Verzeo Edutech, Bangalore held at LMCST on 13th February, 2019.
- S6 MCA attended an online exam conducted by Quest Global held at LMCST on 27th February, 2019.

DEPARTMENT ACTIVITIES

As part of empowering Technical Education with social commitment, Department of Computer Applications has conducted a One Week Training Programme ‘FORZA 2K19’ from 23rd May 2019 to 31st May 2019 to around 20 students of Vlavetty settlement (Kallikkad panchayat) in association with Scheduled Tribes Development Department and Kerala Forest & Wildlife Department, supported by NSS Unit. The group included 5th standard to +2 students. The course plan included Computer fundamentals and MS Office Basic Tools based on category of students. As part of social commitment activity of ISTE, a painting competition was conducted for the students and prizes were distributed as school kits. The Training Programme was very successful and students got opportunity to make use of the amenities of our college. The faculty members have given an insight to the parents about the government support, career possibilities and future oppositions in Technical Education of these students. The programme came to an end with a field visit by the faculty members to the students settlement.

STUDENT ACTIVITIES

- S2 MCA (2018-21 Batch) bagged 100% results in S1 MCA KTU Examination held in December, 2018.
- S2 and S4 MCA attended an awareness program by Dr.C P Johnson, Associate Director, CDAC Mumbai, Sri V K Bhadran, Senior Director, C-DAC Trivandrum and Sri. Hiron Bose, Principal Engineer, CDAC, Trivandrum regarding the various national level projects and training programs taken up by CDAC to enforce students to cope up with the recent trends in industry on 2nd May, 2019.
- The Non Catholic students of S2 and S4 MCA attended a value added programme at LMCST on



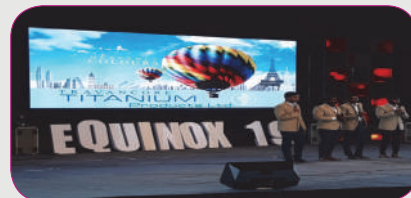
- 3rd May 2019 and the Catholic students of S2 and S4 MCA attended a retreat on the same day.
- As part of National Technology day Celebrations 2k19, a departmental quiz was conducted on 7th May, 2019 and Nandana R.S of S4 MCA got first prize.
- S2 and S4 MCA conducted a farewell party for S6 MCA on 13th May, 2019 and all faculty members joined with merriment.
- S6 MCA attended a pool recruitment drive on Polus Software Private Limited, Technopark on 7th May 2019 and MYSLATE (Six Phrase), Trivandrum held at LMCST on 16th May, 2019.
- S6 MCA presented a Project Exhibition on 21st May, 2019 as part of the 132nd Archdiocese Changanassery celebration held at LMCST.

DEPARTMENT OF MANAGEMENT STUDIES

Department Activities

1. DECERTO MARCH 28-29

- The Department of Management Studies organized a Management Fest named Decerto on 28th and 29th of March 2019. Three colleges participated in the event and CET School of Business won the prize money.



2. COLLABORATION WITH XIME - 20th MARCH 2019

The Department of Management Studies now collaborated with XIME on 20th March 2019.

Prof. Alok K took the charge as Dean of MBA department.



3. ORIENTATION DAY FOR T1 MBA 2019 – 2021 BATCH 26-06-2019

The Department of Management Studies started the orientation program for the new batch (2019 – 2021) on 26th June 2019.



132nd Archdiocese Day Changanacherry @ LMCST



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LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

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