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LMCST NEWS



LOURDES MATHA COLLEGE OF SCIENCE & TECHNOLOGY

(An ISO 9001:2008 Certified Institution)

Approved by AICTE & Affiliated of Kerala University & APJ Abdul Kalam Technology University

DIRECTOR'S *Message*



I am extremely happy to know that we are going to bring out our College NEWSLETTER during January-June 2018. In addition to the numerous achievements of our College this is yet another milestone in our curricular and co-curricular activities

I hope the Newsletter will highlight creative talents of the students and other activities of the College.

The college Newsletter is a forum which could aptly be used for recording events and all other information. I am sure that this newsletter will be informative and resourceful.

I congratulate the entire editorial team for their hard work and dedication resulted in the publication of this issue of the College Newsletter.

Prof.P.M. Hormese

PRINCIPAL'S *Message*



Academic Institutions hold a Pivotal role in building the society by supplying employable human resources. This has got much emphasis for a Professional Institution. The shaping of employable engineer's is not only a task which is not simply based on the academic activities taking place in the class room but it is also based on the extra and co-curricular activities happening within and outside the campus. Being a professional Institution LMCST is giving adequate care and attention in all these aspects. Newsletter is an aid to disseminate the activities happening in the Institution. This issue of newsletter also reveals the emphasis given by us for properly moulding the students. I am happy in releasing this issue of magazine with all good wishes.

Dr. V. SyamPrakash

GENERAL NEWS

- An interaction of LMCES Management members and LMCST faculty with Dr. Kuncheria P. Isaac, Former Vice Chancellor, KTU was held on 8th January at LMCST.



- EQUINOX 2K18 promotion event (website launch and revealing first look of poster for EQUINOX 2K18) was conducted along with promotion of the movie Queen on 10th January at LMCST.



- **'EQUINOX 2K18'**: The annual inter collegiate techno cultural fest EQUINOX 2K18 is one of the most astounding events of LMCST. It was held at Tagore Theatre, Trivandrum on 16th and 17th March. The fest was inaugurated by Smt. R. Sreelekha IPS, DGP – Prisons and Correctional Services. Very Rev. Fr. Jose Viruppel, President, LMCES, Prof. P. M. Hormese, Director, Dr. V. Syam Prakash, Principal, Mr. Philip John, Secretary, LMCES and various other dignitaries graced the occasion. The theme for EQUINOX 2K18 was “Empowering Divyang” -qualifying the ‘limb’ with divinity, instead of the term ‘Viklang’ which was used for persons with disability. The events on both days were wrapped up with ProShows. The music performance on 16th March by Mr. Niranj Suresh, Ms. Gowri Lekshmi and water drum performance by Mr. Sonu Sebastian and Mr. Ricky Brown attracted the audience. The DJ by Ms. Candice Redding on 17th March was exhilarating for the students.



It was a tight race with super talented students from colleges all over the state participating in various events like Voice of EQUINOX, Maschera, ABCD, Spot De Choreo, Octaves, Kill the Beat, Fascino and Dubsmash. All the cultural events gripped the audience with some knock-out performances. Students were also able to showcase their technical skills through various technical fests conducted by individual Departments.



TECHNICAL FESTS

Colossus-2K18 –CE Department

The technical fest of EQUINOX 2K18 from CE Dept., “Colossus2K18“ was conducted on 15th March. The fest was organized by FECTA, the CE association of LMCST and turned out be a colorful and successful one with the participation of students from our college and from other colleges.

The various events were:

- CIVIL MAESTRO- Best Civil Engineer
- TRUSS ME- Truss Making Competition
- DREDGE- Quiz Competition
- VIRTUOSITY- Paper presentation
- MAQUILAJE-Face-Painting-Competition
- TREASURE HUNT
- REMANAN-Online Troll Competition
- MUSICALLY- Online Contest For Best Music-Video

Two online events and six technical events were conducted. The treasure hunt contest was conducted in the LMCST campus on 15th March, while all the other events were conducted on 16th March at Tagore Theatre. The winners of various events were given attractive cash awards and certificates and the participants were given participation certificates.

CORRIDA 2K18- CSE Department

The Department of CSE conducted an Intercollegiate Technical Fest “Corrida 2K18” in association with the inter-collegiate techno-cultural fest ‘EQUINOX 2K18’. The events conducted include Code Debugging, Techni- Escape from the maze, FIFA (game), NFS (game), Mini Militia(game), Temple Run(game), Counter Strike (game) and Chain Reaction(game). The prize money for the Tech Fest was Rs. 11,000/-.

ADHARVA-2K18-ECE Department

There were nine technical events organized by ECE Department:

- **Line follower:** -The challenge of the competition was to make a robot that can move on black lines on a white background and reach the finishing line as soon as possible.
- **Turbo 2.0 :** -Turbo was basically a drone flying completion where your gaming skill and hand coordination skills were tested.
- **Debug:** - The fastest person to debug an analog circuit emerged as the winner.
- **Danger of failure:** - Failure won't kill you but your fear to fail just may keep you away from success.
- **Beat the time:** - Beat the time was an

event which scrutinized the Ohm, Farad and Henry within the participants and hallmarked them as the king of circuits.

- **Pitch fest:-** Do you have a startup idea. Think you have what it takes? Apply to our mock start up presentation contest for a chance to pitch on stage and know where you stand.
- **Fifth level:-** Five levels of tech games which must be completed in particular time period.
- **Bulls and Bears:-** Bulls and bears will tested the marketing skills on the way. The best person to market was found out through 3 stages.
- **Hot Pursuit:** - Hot Pursuit was basically a toy car racing event.

Traction 2K18-ME Department

As a part of EQUINOX 2K18, the Department of Mechanical Engineering conducted the Technical Fest, titled “Traction 2K18” on 16th March. It showcased a lot of modified vehicles including superbikes and luxury cars. The exhibition ground was reviving with excitement, both of the vehicles and the spectators. A lot of contests were also conducted like Tyre flip, Bike Assembly, Pit Stop, Slow Bullet Race, Master Drive, Engine Assembly, Auto Quiz, Auto Expo and Custom Show amongst which Tyre Flip was the most popular one. Students from various colleges participated in the events.

INFLICT - MCA Department

The students of MCA organized the gaming event ‘INFLICT, Counter Strike’ as technical event conducted as a part of EQUINOX 2K18. It was a very interesting game and there was a team of four members in the game. All the

participant teams played with full enthusiasm and a cash prize of Rs.3000/- was awarded to the winner team.

- Under the leadership of ‘SUKRUTHA’, the charity club of LMCST, 400 food packets were distributed for the patients of district hospital, Nedumangad on 4th April.
- International Conference on Technology Innovation in Mechatronics, Energy Management, and Intelligent Communication-2K18 was conducted by Electronics and Communication Engineering Department in association with Mechanical Engineering Department on 26th & 27th April. The programme was inaugurated by Chief Guest Sri. S. Somanath, Director, VSSC. Special Address by Guest of Honour Dr. Mohd. S. Sharawi, Professor, King Fahd University of Petroleum and Minerals (KFUPM) and Dr. A.Haiter Lenin, Professor, Kombolcha Institute of Technology, Wollo University, Ethiopia. There were 54 participants presented papers in Mechatronics and related areas.



- Technical/ Financial Sponsorship from Energy Management Center, Kerala State Council for Science, Technology &

Environment, IEEE APS Society Kerala chapter, AICTE.

SESSION 1: “Antenna Design for 5G Wireless Standards: Current Status and Future Prospects” was handled by Dr. Mohammad S. Sharawi, Professor, King Fahd University of Petroleum and Minerals, Saudi Arabia.

SESSION 2: “Designing robotic systems - Challenges, Skills and Nuances” handled by Er. Kesava Prasad, Technical Director, HIM Robotics Pune, Maharashtra, India.

SESSION 3: “Schemes and Programmes of KSCSTE” handled by Er. Sherin, KSCSTE Pattom, Thiruvananthapuram, Kerala, India.

SESSION 4: “Latest trends in automobile and alternative fuels” handled by Dr. A. Haiter Lenin, Professor, Kombolcha Institute of Technology, Wollo University, Ethiopia.

SESSION5: “Fifth Fueling for protecting mother Earth” handled by Dr. P.M.C. Nair, Professor, SIST. Vellanadu, TVPM, Kerala, India.

SESSION 6: “Artificial Intelligence! -What is it?” handled by Dr. Sukumaran Nair C. G., Professor, Department of Computer Science and Engineering, LMCST.

delivered a seminar on “Space Technology”. Dr. Achuthsankar S. Nair, Head, Dept. of Computational Biology and Bioinformatics, Kerala University delivered a talk on “Recent trends in Technology”. A visit to FAB lab was arranged on 14th May in connection with National Technology day celebrations.



- Hand Set Training Course under **PMKVY Scheme** by ECE Department is scheduled from 21st March to 4th July under the guidance and training of Mr. Chandran K.K at LMCST.
- In line with the continuous improvement of the **Quality Management System**, LMCST has passed successfully the external audit conducted on 23rd May for the upgradation to the latest version of the certificate “ISO 9001:2015”.
- Mr. Vaisakh Anand (B.Tech ECE 2013-17 batch) successfully implemented the T-slide project - Ergonomic mouse for differently abled people and was appreciated by Hon. Chief Minister, Shri. Pinarayi Vijayan
- The Karunya Varsham Scholarship (KVS)

National Technology Day Celebrations 2K18 at LMCST: The National Technology day 2K18 celebrations was sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) and the function was inaugurated by Ms. Annie Philip, Group Director, Quality Management and Productionization Group, VSSC on 11th May at LMCST. Ms. Annie Philip

examination for educationally competent students to study engineering in LMCST was conducted on 12th May.



- An eight – day intensive Lateral Entry Test (LET) Coaching 2K18 for Polytechnic students was conducted at LMCST from 23rd May to 4th June.
- **LMCST celebrated World Environment day** on 5th June. The theme of the World Environment Day-2018 is 'beat plastic pollution'. To observe World Environment day in unique manner, LMCST organized a series of activities. To promote eco-friendly paper pen and paper bag, an exhibition cum sale of eco-friendly things was arranged. Mr. Aji Kumar S.V, a differently abled person from Poovachal demonstrated 'how to make a paper pen'. Prof. P.M. Hormese, Director emphasized on contributions towards the protection of the environment. Dr. V.Syam Prakash, Principal urged to make changes in our everyday lives to reduce the heavy burden

of plastic pollution on our natural places. Activities such as planting saplings and discussions on environmental issues were held.



- **LMCST observed International day against drug abuse and illicit trafficking** on 26th June. Mr.Hari Kumar, Inspector of Excise, Nedumangad delivered an awareness talk on Anti-Narcotics to students. Prof. P.M. Hormese, Director and Mr. Philip John, Secretary, LMCES felicitated the gathering. A pencil drawing competition on the theme "Say no to drugs" was conducted and nearly 120 school students and college students actively participated in the competition.



Innovation & Entrepreneurship Development Cell (IEDC)

- A workshop on “**Entrepreneurship vs Intrapreneurship**” was conducted by IEDC for the students on 25th January. The session was handled by Ms. Jancy Jose, Managing Director and CEO, Strava Technologies, Trivandrum.



- A Workshop on Electrical infrastructure design was organized for the students of Electrical and Electronics Department on 20th February by Er. Hareendralal, Chair, IEEE Kerala Section.
- Robotics Workshop was conducted for the students on 23rd and 24th February by M/s Ricardio Technix.



- The PMYUVA chapter in LMCST was inaugurated on 21st March by Dr. V. Syam Prakash, Principal, LMCST.



- A workshop on Free and Open Source software was conducted by the FOSS Club in association with IEDC on 4th May.

NATIONAL SERVICE SCHEME

- ‘SAVE WATER’ campaign was conducted during 1st week of March.
- Under the leadership of NSS a blood donation camp was held at our campus on 4th April.
- **Suchitva Harthal:** NSS volunteers actively participated in the SUCHITVA HARTHAL organized by Kuttichal Grama Panchayath on 30th May. The programme was inaugurated by Mr. G Manikandan, President, Kuttichal Grama Panchayath. Dr. Joy, Medical Officer, PHC Paruthipally and Mr. Sudheer Kumar, Standing Committee Chairman felicitated the function. Prof. Sajith Krishnan R, Programme Officer addressed the gathering. Prof. Ashitha S. S., Associate Programme Officer gave necessary instructions to the volunteers.



- **International Yoga day** was observed at Lourdes Matha College of Science and Technology on 21st June. Prof. Susanth S. G, Programme officer described NSS volunteers about the relevance of yoga practice and benefits of yoga. The NSS volunteers practiced THADASAN, ARTHAKADI CHAKRASAN and SURYANAMASKARAM, demonstrated by Volunteer Secretary Mr. Adarsh R. Nair.



PLACEMENT CELL

Ten students attended Pivot Systems placement drive at Marian Engineering College on 8th January.

- Eleven students attended HR Block placement drive at Marian Engineering College on 10th January.
- Thirty students attended Byjus Learning App placement drive at Mohandas College of Engineering and Technology on 11th January. Mr. Tariq Nahas of S8 EC got placed as Business Development Executive in the firm.
- **Placement Training:** Placement training for S1,S4,S6 and S8 B. Tech students was conducted during 4th to 20th January. The training was focused on Communication and Presentation skills, Soft skills, Basics of Aptitude/Reasoning, Basics of GD, Interview and Resume Preparation.
- Prof. Jayaram V. has been appointed as the new TPO (Training and Placement Officer)

- Four candidates were shortlisted for WS technologies.
- Four candidates were shortlisted for Yarab Technologies.
- Ms. Nandana G.S. (S8 CSE) got placed in Yarab Technologies.

DEPARTMENT NEWS

DEPARTMENT OF COMPUTER APPLICATIONS

Department News &Activities

- Prof.Anjana.J, Asst. Professor participated in a Hands-on Workshop on 'GIT Technology'conducted by CET,Trivandrum on 6th January.
- Prof. Anjana J, Asst. Professor participated in the Faculty Development Programme on 'Enhancing Softskills for Effective Teaching' sponsored by APJ Abdul Kalam Technological University organized by Department of Electrical and Electronics Engineering held at LMCST from 8th January to 12th January.
- Prof. Bismi K.Charleys and Prof. AnjanaJ.,Asst Professors have attended Faculty Development Programme on 'Effective Course Delivery Using Moodle', conducted by ICT Academy of Kerala from 16th to 17th February.
- Prof. Selma Joseph, Associate Professor & HOD, MCA, Prof. Sherin Joseph, Prof. Anjana J, Asst. Professors participated in the Faculty Development Programme on 'Free and Open Source Software organized by FOSS Club, Department of Computer Science and Engineering in association with IEDC and ICFOSS held at Lourdes Matha College of Science and Technology on 3rd and 4th May.

- Department of Computer Applications conducted a three-day Workshop on “Internet Of things” jointly sponsored by Kerala State Council for Science, Technology and Environment(KSCSTE) for faculty members and students from 19th to 21st June.



Student Activities

- S2, S4 MCA and S5 MCA students attended a placement training by SMART Training Resources on ‘Soft skills and Aptitude’ from 8th, 10th, 11th and 13th January respectively.
- Twenty Students of S5 MCA and fourteen students of S4 MCA participated in DRISHTI’18–Techfest conducted by CET, Trivandrum. Shaheer S.S. and Nikhil Prakash of S4 MCA are the Level toppers in Web Designing and Debugging respectively in DCOD 2.0 on 18th and 19th January.
- Eleven students of S4 MCA participated in Debugging, Treasure Hunt and coding Competitions held as a part of Megabit-Techfest, conducted by Mar Baselios Institute of Technology, Anchal and Ms. Sikha N. of S4 MCA secured first prize in Rubik’s Cube competition on 31st January.
- S4 MCA students attended a talk by Dr. Sukesh Kumar on ‘Research Oriented Project Development and Ethics on research’ conducted by Research and Consultancy Committee, LMCST on 27th February.

STUDENT ACHIEVEMENTS

- LMCST bagged First Position in S4 MCA Kerala University with 91.2 % pass percentage and two University ranksheld in December 2017. S2 MCA secured 100% result in S1 MCA KTU Degree Examination held in December 2017. Ms. Chaithanya P. of S2 MCA secured O grade in five subjects out of seven subjects with 9.45 SGPA. Ms. Sivakami T. of S4 MCA secured SGPA of 9 in S3 MCA KTU Degree Examination, held in December 2017.

University Rank Holders

Ms. Vinitha V.V. of S4 MCA and Ms. Haseena S.H. of S4 MCA bagged 1st rank and 4th rank in the university examination respectively.



Vinitha.V.V
S4-86%

Rank 1



Haseena.S.H
S4-84%

Rank 4

DEPARTMENT OF MANAGEMENT STUDIES

Department News & Activities

- Department of Management Studies organized Faculty Development Programme



“FINANCIAL PLANNING AND INVESTMENT SOLUTIONS” on 29th to 31st January. Dr. Biju Jacob, Chief Controller, VSSC inaugurated the programme. Sri. Murugan, Chairman of PRS group addressed the participants. The sessions were handled by Sri. Mathew Manalil (Chartered Accountant, Stock broker), Sri. N. Subramonia Sarma (Chartered Accountant), Sri. Prasad Chemben (Dy. Vice President, Muthoot Fincorp), Sri. Bineesh Nirmalan (Br. Head, Aditya Birla mutual fund), Sri. Vishaljith (Br. head, ICICI MF), Sri. Azad & Sri. AbinNaik (SBIMF).



- An interactive session on “The future of world business and disruptive technologies” by Dr. JebaMalai, Former Principal Adviser to the Director General, United Nations Industrial Development Organization was conducted by Department of Management Studies jointly with Trivandrum Management Association on 4th April.

- As part of the Industrial Institution Interaction programme, T6 MBA students visited the Eastern Condiments Pvt. Ltd. Adimaly and Tea factories located at Munnar hill station from 19th to 21st April. The students also got ample opportunity to discuss with the officials of concerned institution and gained knowledge in their study area. The faculty members Mr. Ranjit Thomas (Assistant Professor, LMCST), Dr. Anuja J.A. (Assistant Professor, LMCST) accompanied the students.

DEPARTMENT OF APPLIED SCIENCE & HUMANITIES

Department News & Activities

- National Science day was celebrated in association with Kerala State Science Technology and Environment on 27th February. Expert talk on climate change and sustainability challenges by two resource persons, Elocution competition, Poster presentation etc.were conducted.



- Prof. Roy K. Varghese attended a QIP short term programme on single crystal X ray diffraction, theory and practice during 19th to 23rd February at Centre for continuing education, IISC, Bengaluru.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Department News & Activities

- A two-day faculty development programme (FDP) on “Effective Course Delivery using MOODLE” was conducted by ICT Academy on 16th and 17th February at LMCST.
- Prof. Ambily Jane, Prof. Nisha O. S., Prof. Christy Jojoy, Prof. Greeshma R. G., Prof. Divya Christopher, Prof. Sheeja Beevi, Prof. Ashitha, Assistant Professors have attended the FDP. Mr. Riji N. Das from ICT Academy handled the sessions.



- The FOSS Club of department of CSE organized a two-day faculty development programme on “Free and Open Source Software” from 3rd to 4th May in association with IEDC and sponsored by ICFOSS at LMCST.



- The Department of CSE organized a five-day internship training programme on “Advance Java Programming” from 14th to

18th May for the pre-final year students of Computer Engineering, Govt. Polytechnic College, Nedumangad at LMCST.



- The Department of Computer Science and Engineering organized a six-day internship programme on “Logic development using C programming” for first year students of Computer Engineering of Govt. Polytechnic College, Nedumangad scheduled from 21st to 28th May at LMCST.



- The farewell programme for final year students of B.Tech CSE was arranged on 5th April. Prof. P.M. Hormese, Director presided over the function. Dr. V. Syam Prakash, Principal appreciated and wished students for their future. HOD and Faculty members addressed the gathering and shared their experiences. Many activities were conducted for students.





Faculty Achievements

- Prof. Divya Christopher attended a three day KTU sponsored FDP on “Financial Planning and Investment Solutions” organized by Department of Management Studies from 29th to 31st January at LMCST.
- Prof. Chithira Rakshmi G. and Prof. Smitha J.C., Asst. Professors attended one week KTU sponsored FDP on “Enhancing Soft Skills for Effective Teaching” organized by Department of Electrical and Electronics Engineering from 8th to 12th January at LMCST.
- Prof. Smitha J. C., Assistant Professor, Department of Computer Science and Engineering participated in a one-day Workshop organized by AICTE & Clarivate Analytics on Aiming for Excellence: Pathways to Institutional Advancement through Research on 15th March at Oxford College Science, HSR Layout, Bengaluru.
- Prof. Renetha J.B, Associate Professor received the certificate for Silver Partner under Inspire- Campus Connect of Infosys on 24th March.



- Prof. Nisha O.S, Asst. Professor, published a paper entitled “Survey on Sensible Fault Model and TestMechanisms for configurable Embedded SRAM Memory” in International Journal of Emerging Technology and AdvancedEngineering.
- Prof. Nisha O.S, Asst. Professor presented a paper entitled “Survey on Sensible Fault Model and TestMechanisms for configurable Embedded SRAM Memory” in International Conference on Technology innovation in Mechatronics, Energy management and Intelligent Communication-2K18 at LMCST.
- Prof. Renetha J.B, Associate Professor and Prof. Nisha O.S, Asst. Professor of CSE are selected as Mentor of Change for Atal Tinkering Labs an initiative of National Institution for Transforming India (NITI Aayog), Government of India.
- Prof. Renetha J.B., Associate Professor, CSE published a paper on “Application of Pattern detection techniques in Space Vehicle design phase” in ISRO Seminar on Computer and Information Technology 2018 (ISCIT 2K18) from 4th to 5th May. This paper has been selected as the best paper in ISCIT 2K18.
- Prof. Anjana Thampy S. and Prof. Sunu Thomas, Assistant Professors, CSE attended one week Faculty Training Program on “Programming with PL/SQL” jointly conducted by Oracle Academy & ICT Academy of Kerala from 7th to 11th May.
- Prof. Renetha J.B., Associate Professor, CSE is nominated as the nodal officer for the Skill Delivery Platform of Kerala (SDPK) - a Govt. of Kerala Project.

Student Activities

- Mr. Anish Alex Mathews (S6 CSE A), Mr. Aravind A. S. (S6 CSE A), Mr. Kurian Varghese (S4 CSE B) and Mr. Jilce Abraham (S4 CSE B) participated in the awareness programme on AICTE Smart India Hackathon 2K18 at SCMS College, Ernakulam on 9th January.
- Mr. Arun Kumar R. (S4 CSE B), Mr. Gavin Janavar Deric (S4 CSE B), Mr. Rahul J. J. (S4 CSE A), Mr. Sooraj D. S. (S4 CSE A) and Mr. Daniel C. G. (S4 CSE B) participated in the Sixth Sense Robotics workshop on 10th January at IIT Madras.



- Mr. Mohammed Khalis (S4 CSE B) attended the Startup development programme by National Employment Service (Kerala) on 19th and 20th January at Student's Centre.
- Mr. Anand S. B. (S6 CSE A) and Mr. Jazir S. (S6 CSE B) participated in the Electroneaire Quiz contest conducted as a part of Drishti'18, Techfest at CET on 20th January.
- Ms. Sethu Parvathi C. of M4 CSE published a paper entitled "An Overview on Iris Recognition Systems" in International Journal of Science Technology and Engineering in Volume 4, Issue 7, January.
- The S8 CSE students and faculty visited the

Providence home, Killy on 15th February and sponsored one-day lunch for the residents.



- A workshop on "Communicative English" was conducted on 21st February jointly organized by Department of CSE & EEE under the banner of ISTE and CSI for S4 CSE (2016 – 2020 Batch). A total of 79 students participated in the workshop comprising of 72 students from CSE. The session was handled by Dr. C.G. Sukumaran Nair, Professor of Department of Computer Science.
- Mr. Daniel S., Mr. Rakesh K., Mr. Vishnu V. and Mr. Jaseer T.J. of S8 CSE under the guidance of Prof. Renetha J. B. presented the project titled "Communication glove for Deaf" in KETCON 2018 organized by KTU and KSCSTE at Sahrdaya College of Engineering and Technology, Thrissur from 23rd to 25th February.
- Ms. Sheniya Sebastian, Ms. Nandana G.S., Ms. Vaishnavi M.L. and Ms. Devika V.S. of S8 CSE under the guidance of Prof. Anjana Thampy presented the project titled "Voice activated Pick and Place Robot" in KETCON 2018 organized by KTU and KSCSTE at Sahrdaya College of Engineering and Technology, Thrissur from 23rd to 25th February.



- Mr. Jaivin Jacob and Mr. Roshan James of S4CSA participated in Computer gaming event at RIT, Pampady on 28th February.
- Mr.Praveen B.C. and Ms. Sagara M. R. of second semester M. Tech Computer Science and Engineering attended the Certified Ethical Hacking Expert (Level 1.0)workshop during Conscientia 2018 at Indian Institute of Space Science and Technology on 4thMarch.



- Ms. Sethu Parvathi C., M4 M.Tech Computer Science and Engineering received the best outgoing M.Tech student for overall performance in college during the inaugural function of EQUINOX 2K18.
- Ms. Dona Mathew of S4 B.Tech Computer Science and Engineering received the B.Tech first year topper award sponsored by LOMAA (Lourdes Matha Alumni Association) during the inaugural function of EQUINOX 2K18.



- Ms.Rose Mathew of S8 B.Tech Computer Science and Engineering received the Rakesh U. N. Memorial Trophy sponsored by 2011-15 B.Tech CSEbatch for final year topper in CSE during the inaugural function of EQUINOX 2K18.
- Ms. Feba Mary Mathew, Ms. Swathi Suresh, Ms. Annu Jose of S8 CSE under the guidance of Prof. Beshiba Wilson, Associate Professor & HODpresented the project entitled “NFC Based Health Monitoring And Controlling System” in the second round (Video-Conference) of CSI-InApp National Student Projects Awards 2018 during 24th to 26thMarch..

Class Toppers - 2018

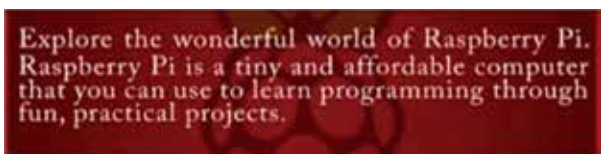
<p>S1B.TechCSE (2017 - 21 batch) Jeser A J (8.63 GPA)</p> 	<p>S3 B.Tech CSE (2016-20 batch) Dona Mathew (9.08 GPA)</p> 
<p>S5 B.Tech CSE (2015 - 19 batch) Neeraja Radhakrishnan (9.61 GPA)</p> 	<p>S7 B.Tech CSE (2014 - 18 batch) Josemin P. Chacko (8.40 GPA)</p> 
<p>M.Tech CSE (2016 -18 batch) Sethu Parvathi C. (9.58 CGPA)</p>  <p>HIGHEST POSITION IN KTU TRIVANDRUM CLUSTER</p>	

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

- As part of industrial visit S8 students visited Keltrol Ltd, Karakulam, TVM on 20th January.



- In association with VIVARTHANA and IST S8 students of ECE conducted a hands on training on 'RASPBERRY Pi' for S4 and S6 students from 23rd to 24th February.



- Dr. Dinakardas C.N. and Ms. AjimiS, PG Scholar, published a paper titled "Implementation of Microcontroller based Online Intelligent Vehicle Parking System Using IOT" in International Journal of Emerging Technology and Advanced

Engineering, (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Special Issue 4(2), April 2018).

- Dr. Dinakardas C.N, Associate Professor, Ms. Neethu M. J, Ms. Reshma S., Ms.Sivapriya R., Ms.Prabhila R.Kumar, UG Scholar, Electronics & Communication Department published a paper titled "Implementation of Arduino based Library Management System" in International Journal of Emerging Technology and Advanced Engineering, (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Special Issue 4(2), April 2018).
- Prof. Soorya S.R., Ms. Deepa Jose PG Scholar, Electronics & Communication Department published a paper titled "Real Time Monitoring of Environmental Parameters and Hazards Using Android Mobile Application", in International Journal of Emerging Technology and Advanced Engineering, (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Special Issue 4(2), April 2018).
- Prof. Divya Subash, Ms. Georgina George PG Scholar, Electronics & Communication Department published a paper titled "An Embedded system based cost effective Electronic Braille keypad for Human Computer Interaction" in International Journal of Emerging Technology and Advanced Engineering, (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 8, Special Issue 4(2), April 2018).

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Department News & Activities

- The Department of Electrical & Electronics, Lourdes Matha College of Science and Technology organized a 5-day Faculty Development Program on “Enhancing Soft Skills for Effective Teaching” from 8th to 12th January. The event was inaugurated by Dr. Kuncheria P. Isaac (former VC, APJ Abdul Kalam Technological University) followed by a key note address by Dr. Devdas Menon (Prof. IIT Madras). Dr. V. Syam Prakash, Principal, LMCST, Prof. P.M Hormese, Director, LMCST and Er. Philip John, Secretary, LMCES addressed the gathering. Prof. Swapna M., HOD delivered the vote of thanks.

The sessions were handled by Dr. Devdas Menon, IIT Madras, Dr. Justin Padamadan, Clinical Psychologist, Jubilee Hospital & Consultant in Family Court, Dr. S. Radhakrishnan, former Joint Director, DTE, Mr. Pradeep S., Knowledge Officer, ICT Academy, Kerala and Shri. Ignatious C. A., Retd. Deputy Director, VSSC and NLP Trainer. The participants visited Infosys Trivandrum development Centre on the afternoon of 10th January.



- The Department of Electrical & Electronics, Lourdes Matha College of Science and Technology organized an “On The Job Training programme” for the students of Olathanni Vocational Higher secondary School from 3rd to 11th and 16th to 19th January. According to VHSS curriculum, OJT was an integral part of Vocational education. As part of the OJT, various talks and lab sessions were conducted by the Department. Prizes were given to the winners of quiz competition conducted as a part of OJT. As a token of appreciation, the team of VHSS, Olathanni gave memento to the college and to the Department of EEE.





- Ms. Priyanka C. P, Asst. Prof, attended the DTE sponsored short term training programme on “Design and Hardware Implementation of Power Electronic Circuits” from 8th to 13th January at CET Trivandrum.
- Ms. Sreelekshmi R. C., Adhoc Professor participated in the KTU sponsored FDP on “Financial Planning and Investment Solutions” at LMCST from 29th to 31st January.
- Prof. Sreekala Devi K., Prof. Ammu Anna Mathew, Prof. Arya Vijayan, Prof. Sreedevi R. C., Asst. Professors and Prof. Ashima C. R., Adhoc Professor attended the two day FDP on “Effective course delivery using Moodle” conducted by ICT Academy, Kerala at LMCST on 16th and 17th February.
- Prof. Cibumol. B. Babu, Asst. Prof. attended two-day workshop on “Design Thinking” conducted by Kerala start up mission at Marian College of Engineering, Kazhakoottam from 20th to 21st February.

- The whole department, both staff and students had undergone an industrial visit at Koodamkulam Nuclear Power Plant (KKNPP) on 17th April.



Student Activities

- The students of S8 EEE had undergone an industrial visit at 110KV substation and TMR division at Thirumala, Trivandrum on 15th March.
- Mr. Aravind P. from S6 EEE won first prize for the competitions “Persona”, “Selfie Contest” and “Dubsmash” conducted as part of the technical fest “Enigma 2K18” conducted by Sarabhai Institute of Science and Technology, Vellanadu on 15th February.

DEPARTMENT OF CIVIL ENGINEERING

Department News & Activities

- Prof. Lekshmi. J. Satheesh and Prof. Tanuja Christopher D’cruz, Assistant Professors attended a Short-term course on “Technological Advancements in Materials for Construction” organized by the Dept. of Civil Engineering, TKM College of

Engineering, Kollam under the sponsorship of Quality Improvement Program, AICTE from 8th to 13th January.

- Prof. Lekshmi J. Satheesh, Ms. Prajisha J. P. Assistant Professors and Mr. Amith A. K., Lab Instructor participated in a Two-day Workshop on “Computer Aided Civil Engineering and Technology, Paripally, Kollam from 18th to 19th January.
- The project titled “Reed Bed Technology” done by Mr. Vysakh. V. S., Ms. Karthika. M. J., Mr. Ashik S.S., Mr. Abhijith. G. K., Mr. Subhi. S. and Mr. Sudharman of S8 CE under the guidance of Prof. Indu Rajan was selected in the IDEA FEST organized by Kerala Start up Mission for innovative ideas in the field of Engineering and Science. They have qualified the second level and is set to participate in the next level to be held in the month of June.
- Ms. Adhithya B. R., Ms. Femi Jose, Ms. Reshma P. S., Ms. Meera Riji and Ms. Vijila Das of under the guidance of Prof. Lekshmi J. Satheesh has presented a paper in the International Conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication- 2K18 conducted in Lourdes Matha College of Science and Technology from 26th to 27th April.
- Ms. Anjali K. V., Ms. Aswani H. V., Ms. Jijisha S. Das, Ms. Saranya L.P. and Ms. Rajakumari M. K. of under the guidance of Prof. Asika Johney has presented a paper in the International Conference on Technology Innovation in Mechatronics,

Energy Management & Intelligent Communication- 2K18 conducted in Lourdes Matha College of Science and Technology from 26th to 27th April.

- Mr. Aashin S.S., Mr. Aiswar S., Mr. Blesson Jain, Mr. Musammil Haq and Ms. Neethu Sam of under the guidance of Prof. Sumitha Rani P. R. has presented a paper in the International Conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication- 2K18 conducted in Lourdes Matha College of Science and Technology from 26th to 27th April.
- Prof. Arya P. S. and Prof. Sarika S., Assistant Professors of Department of Civil engineering has attended an FDP on “Trends in Design and Construction of Architectural Facades” at College of Architecture, Thiruvananthapuram from 21st to 23rd May.

Student Activities

- Mr. Anoop B. Vijay, Mr. Amal Sha M. B., Ms. Akshara P. S., Ms. Ameena K. S. and Ms. Akshaya V. R. of CE 2016-20 Batch has served as volunteer in the Children’s Fest 2K18 held at Thiruvananthapuram from 22nd to 24th January.
- Ms. Aarcha Prasad of CE 2014-18 Batch has attended a training program at DMRC, Kochi from 13th to 16th January.
- Students of CE 2014-18 batch attended an industrial visit at Idukki Dam on 19th & 20th January.

DEPARTMENT OF MECHANICAL ENGINEERING

Department News & Activities

- Prof. Bindu M. V., Associate Professor created an Open Education Resources under the Creative Commons License on a topic Flywheel in the subject Dynamics of Machinery for the 6th semester B.Tech degree students. These resources are open and can be accessed through “<https://bindumv.gnomio.com/>” with the log in credentials, user name- fdp201x, Password- Fdp@201x.
- Prof. Resmi V. Prasad, Asst. Professor attended FDP on “Recent trends in Tribology and surface characterization” at CET, Trivandrum, from 16th to 20th April
- Prof. Resmi V. Prasad, Asst. Professor attended a National seminar on 5th February, at Rohini College of Engineering, Kanyakumari.
- Prof. Bindu M. V., Associate Professor attended the International Conference on ‘ICTIMEMIC’ at LMCST from 26th to 27th April.
- Prof. Bindu M. V., Associate Professor created an Open Education Resource under the Creative Commons License on the topic “Flanged Coupling modeled in the software Solid Works”. The link for the work is “<https://www.youtube.com/watch?v=Aa6IopWZ6JM>”.
- Prof. Bindu M. V., Associate Professor

and Prof. Jayaram V. after completing the FDP101x and FDP201x successfully, is attending the FDP301x conducted by IITB on “Mentoring Educators in Educational Technology” a Pandit Madan Malaviya Mission for Teachers and Teaching from 17th May to 27th June.

DEPARTMENT OF PHYSICAL EDUCATION

- Mr. Prabhath K., S7 ME participated in All India Inter University Ball Badminton tournament held at Yogi Vemana University Andhra Pradesh on 17th January.
- LMCST Men’s Netball team secured fourth position in the Kerala University Inter-Collegiate tournament held at Mar Baselios College Nalanchira from 5th to 6th February. The participants are: Mr. Alex Baby, Mr. Don Mathew, Mr. Nijin A. Varghese, Mr. Subin B., Mr. Prince Leenaas, Mr. Kevin James, Mr. Aravind P. P., Mr. Arun P. Nair, Mr. Rahul R. Nath (S8 ME), Mr. Evan Cyril (S8 EC), Mr. Remeez Rehim (S8 CS), Mr. Nevin Ninan (S8 EEE).

Interclass Tournaments Games BOYS

- LMCST Men’s Football Inter class Tournament was conducted from 27th to 28th February and 5th & 6th March.
- First position secured by the 3rd Year Team with members Mr. Nanda Kumar, Mr.

- Avinash Santhosh, Mr. AkashU, Mr. Bibin Babu Geroge, Mr. Rohit H, Mr. Jerin, Mr. Bibin Babu, Mr. Hari Govind, Mr. Jibin Joseph, Mr. Alen Thomas, Mr. Tony Kattady.
- Second position secured by the 2nd year Team with members Mr. Birol M. Thomas, Mr. Betin Berediet, Mr. Richu Johnson, Mr. Pranoy Jose, Mr. Sobin Baby, Mr. Gokul Krishnan R. B.(MECH). Mr. Azad Sebastian (CSE), Mr. AmalSha (CIVIL), Mr. Joel Joy(EEE), Mr. GokulAnand (CSE) and Mr.BimalSabu(ECE). L M C S T Men's Cricket Inter class Tournament was conducted from 14th to 26th February.
 - First position was secured by the 4th Year A team with members Mr. Prasanth M. K., Mr. Abijith G. P., Mr. BinilRoy, Mr. G Gokul, Mr. Vishnu M. G., Mr. SubinBabu, Mr. Aravind P.P., Mr. VineethVijayan, Mr. Arjun Jayan, Mr. Saran Anil, Mr. Krishna Chandran, Mr. Anaandu Kunnath, Mr. Arunchandran, Mr. Kiran S. P., Mr. Arun P. Nair , Mr. Vineeth Vijayan (MECH).
 - Second position was secured by the 3rd Year A team with members Mr. Mohammed Riswan, Mr. Sijo S. S., Mr. Vishnu Dev, Mr. Sharon M. B., Mr. Jinit R. S., Mr. Amarnath C., Mr. AmithKuriakose, Mr. AdithJ. Gopan, Mr. AswinP, Mr. Akhil S. J., Mr. Surya Krishnan(CE), Mr. HijasAhmed N. (ME), Mr. Shane Thomas(CSE), Mr. Arun (EC), Mr. Adarsh(EC).
 - LMCST Men's Basketball Inter class Tournament conducted on 20th March.
 - First position was secured by the 1st Year B team with members Mr. Ashish S. D., Mr. AkhilKumar, Mr. Akshay Mathew, Mr. Prince, Mr. JithuPaul, Mr. Nithin Thomas, Mr. Charles Jhony, Mr. Amal Mohan, Mr. Vishnu Vijayan B., Mr. Midhun M., Mr. Justin Mathew(MECH), Mr. Adersh(CIVIL).
 - Second position was secured by the 2nd year. A Team with members Mr. Vijay Krishnan, Mr. Bestin, Mr. Birol M. Thoams, Mr. Pronoy, Mr. Nikil, Mr. Joffin Thomas(MECH), Mr. Sobin Baby(CIVIL), Mr. Bijin Joseph(CIVIL).
 - LMCST Men's Shuttle Badminton Doubles Inter class Tournament conducted on 14th March.
 - First position was secured by AnandSagar M. S. (S6 Mech) and Sijo S. S.(S6 Mech).
 - Second position was secured by Mr. Shane Thomas (S6 CSE) and Mr. Jerin Joseph (S6 CSE).
 - LMCST Men's Shuttle Badminton Singles Inter class Tournament conducted on 15th March.
 - First position was secured by Evan Cyril(S8 EC) and Second position was secured by Mr. Sijo S. S. (S6 civil).
 - LMCST Men's Table Tennis Singles Inter class Tournament conducted on 26th March.
 - First position was secured by Mr. Arun Roy (S8 M E) and Second position Nirmal (S4 Civil).
 - LMCST Men's Carrom Doubles Inter class

Tournament conducted on 22nd March.

-First position was secured by Mr. Hari Krishanan (ME) and Ebin S. John (ME). Second position was secured by AmalSha (CE) and Mr. Sijin Sudhakar V. S. (CE).

- LMCST Men's Carrom Singles Inter class Tournament was conducted on 23rd March.
- First position was secured by Mr. Asif M. H. Salim (ME). Second position was secured by Mr. Hari Krishnan (ME)

Interclass Tournaments Games

GIRLS

- LMCST Women Table Tennis Singles Inter class Tournament conducted on 20th March. First position was secured by Ms. Megha M. S. (ME) and Second position was secured by Ms. Sruthy L. S. (CSE).

- LMCST Women Table Tennis Doubles Inter class Tournament conducted on 21st March.

-First position was secured by Ms. Susan Elizabeth (CSE) and Ms. Chris Susan Varghese (MCA). Second position was secured by Ms. Megha Mohan (CE) and Ms. Athira (CE).

- LMCST Women Shuttle Badminton Inter class Tournament conducted on 5th & 6th April.

-First position was secured by Ms. Chris Susan (MCA) and second position was secured by Ms. Reshma S. V. (EEE).

- LMCST Women Chess Inter class Tournament conducted on 22nd March.

-First position was secured by Ms. Dona Mathew (CSE) and Second position was secured by Ms. Resmi R. Chandran (CSE).

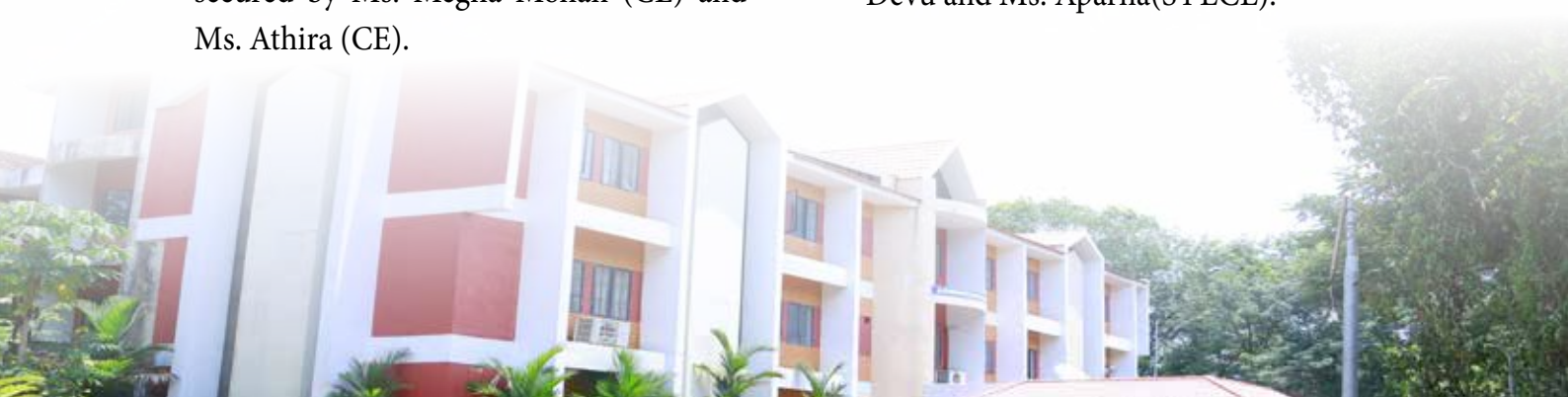
- LMCST Women Carrom Double Inter class Tournament conducted on 27th March.

- First position was secured by Ms. Anjali M. L. (MCA) and Ms. Sivakami T. (MCA). Second position was secured by Ms. Reshma N. (EEE) and Ms. Reshma S. V. (EEE).

- LMCST Women Throw ball Inter class Tournament conducted on 27th March.

- First position was secured by MCA STUDENTS and the participants are:

Ms. Anjali M. L., Ms. Sikha N., Ms. Chris Susan, Ms. Sivakami, Ms. Arya, Ms. Reshma (S4 MCA). Second position was secured by Ms. Sruthi, Ms. Shilpa, Ms. Swathi (S4 CSE), Ms. Sanshiya, Ms. Ajina James, Ms. Devu and Ms. Aparna (S4 ECE).



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