



Engg. College Code
MCE



Arch. College Code
MCR

MARIAN MOMENTS

ISO 9001:2008 Certified

A Biannual bulletin of Marian Engineering College

Vol.2

No.7

October 2017

A Trivandrum Latin Archdiocesan Institution

MARIAN

Welcomes

Our New Manager, Director & Principal



REV. MSGR. WILFRED .E
MANAGER



PROF. TOMY MICHAEL
DIRECTOR



DR. RUBY ABRAHAM
PRINCIPAL



MARIAN ONAM CELEBRATIONS

31ST AUGUST 2017

happy-onam



16th Annual Sports Meet of Marian Engineering College on the 03rd and 4th March 2017. Mrs. K.C. Lekha the former world Boxing Champion graced the occasion as the Chief Guest.



Inauguration of new batch 2017-2020 by Dr.Divya Iyer,IAS, District Sub-Collector on 31st July 2017



Deputy Speaker Sri V. Sasi ,MLA inaugurating GREEN FEST 2017 on 17th & 18th February, 2017



Alumni Meet on 11th February, 2017



On 3rd March, 2017 the Placed Candidates of batch 2013-2017 were honoured by Dr.Babu Paul IAS, in the presence of Most Rev.Dr.M.Soosaipakiam and were titled as 'STARS OF MARIAN'.

ACTIVITIES

@ CAREER GUIDANCE & PLACEMENT UNIT

Placement Partners (2016-2017)



PLACED STUDENTS OF 2013-2017 BATCH

DEPARTMENT OF MECHANICAL ENGINEERING

Abhiram V S	INFOSYS
Abraham Mathew	INFOSYS
Akhil Shanmugham S	INFOSYS
Akshay K	INFOSYS
Ashiq S Wahab	INFOSYS
Jose Michael J	INFOSYS
Nanda Kishore A S	INFOSYS
Prabodh C S	INFOSYS
Selbin Kurian K Tom	INFOSYS
Thomas T George	INFOSYS
Vishnu Divakar	INFOSYS
Akhil Babu	IBS
Akshai K K	IBS
Rishi Mohan	IBS
Gokul Ram	Speridian
Aravind A J	Speridian
Padmanabhan Thampi S	Speridian
Anandhu V	AllSec Technologies
Arun G Raj	AllSec Technologies & Sutherland
Vishnu Chandran	AllSec Technologies
Akhil Sreeram	Oppo Mobiles
Abhijit A S	Oppo Mobiles
Aabin Gazal Jose	Oppo Mobiles
Arjun M J	Oppo Mobiles
Robin Antony	Oppo Mobiles
Amal V Nair	Oppo Mobiles
Achuth H	Oppo Mobiles
Asif Khan S S	Oppo Mobiles
Arun Kumar M	Oppo Mobiles
Akshay Sivan	Oppo Mobiles
Hari Sankar R	Oppo Mobiles
Rabin Jacob	Oppo Mobiles
Prince V	Evobi
Athul Govind P	INFOSYS
Aravind Pavithran	Oppo Mobiles

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Aparna Suresh Kalarikkal	INFOSYS
Archana P	INFOSYS
Aswathy Anilkumar	INFOSYS
Poojith Cherukattil	INFOSYS
Lekshmi A L	IBS
Unnikrishnan S	IBS
Manjima D	IBS
Noel D John	IBS
Lekshmi I	Speridian
Sreelekshmi M B	Speridian
Aswathy	AllSec Technologies & Sutherland
Vimaldas	Oppo Mobiles
Neethu Raj S	Oppo Mobiles
Arun S B	Oppo Mobiles
Divya Sebastian	Oppo Mobiles
Neethu Soman	Kaay Labs
Divya Gomathi	Kingster Education
Mridul Varghese Koshy	INFOSYS
Neelima S	INFOSYS
Neena Sharon B	INFOSYS
Neeta Joy	INFOSYS
Divya Mary Terry	INFOSYS
Gokul C	INFOSYS
Gopika Anil	INFOSYS
Joma Tharish	INFOSYS

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Priya Kailas	INFOSYS
Reema Jokkin Salet	INFOSYS
Vincy Pereira	IBS
Shebha Mol	Speridian
Sneha Sebastian	Speridian
Sangeetha C S	Speridian
Vrinda	SLK
Nithin	AllSec Technologies
Ashly	Sutherland
Reshma	AllSec Technologies
Abhinav M P	Oppo Mobiles
Sidharth Sivan	Oppo Mobiles
Tina Treesius A	Oppo Mobiles
Rithu Mathew	Oppo Mobiles
Abhijith Mohan	Kingster Education
Arya Vijayan	Kingster Education
Athira Mohan	Kingster Education

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Parvathy Suresh	INFOSYS
R Gokul Ramanan	INFOSYS
Shilpa Ramesh	IBS
Swathy	Sutherland
Rohith Krishna V S	Oppo Mobiles
Saranjith	Oppo Mobiles
Aravind A	Oppo Mobiles
Jerin Sam	Oppo Mobiles
Sreemon J	Oppo Mobiles
Elza Vimita Vincent	Oppo Mobiles
Vishnu M R	Oppo Mobiles
Athulya V	Evobi

DEPARTMENT OF CIVIL ENGINEERING

Anant S Nair	INFOSYS
Athira Sindhu Manikantan	INFOSYS
Krishna Raj R	INFOSYS
Reshma Thomas	INFOSYS
Shahanas S	INFOSYS
Noopura P A	AllSec Technologies & Sutherland
Renjima T	Sutherland
Reshma K S	Oppo Mobiles
Anand M	Oppo Mobiles
M P Pranav	Oppo Mobiles



“STARS OF MARIAN”, is a program conducted by CGPU to facilitate students who have been placed in various companies. “Stars of Marian 2017” was conducted on March 2, 2017. The chief guest of the event was Shri. Babu Paul IAS. The placed students shared their testimonial of hard work and persistence which lead them to their dream job. The event also motivated the junior students to work hard, undertake innovative projects and internships to get placed. The event was also attended by parents of students who have been placed.



Shri. Babu Paul IAS, addressing the “STARS OF MARIAN”.



STARS OF DEPARTMENT OF CIVIL ENGINEERING



STARS OF DEPARTMENT OF COMPUTER SCIENCE ENGINEERING



STARS OF DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



STARS OF DEPARTMENT OF MECHANICAL ENGINEERING



STARS OF DEPARTMENT OF ELECTRICAL ENGINEERING

DEPARTMENT OF CIVIL ENGG.

PROF. RESMI D.S
HEAD OF THE DEPARTMENT



INTERNATIONAL/NATIONAL CONFERENCE

Faculty and students of Department of Civil Engineering, Marian Engineering College attended and presented papers at the International Conference on "Geo-techniques for Infrastructure Projects" organized by Indian Geotechnical Society, Thiruvananthapuram Chapter at Mascot Hotel in association with LBS Institute of Technology for Women, Thiruvananthapuram (sponsored by TEQIP-II) on 27th and 28th February 2017.



Faculty and students at International Conference on "Geotechniques for Infrastructure Projects"

FACULTY DEVELOPMENT PROGRAMME

The Department organized Five day faculty development programme on "Analysis of Indeterminate Structures" from 3rd July 2017 to 7th July 2017.



Field visit on 7th July 2017 as part of FDP "Analysis of Indeterminate Structures"

WORKSHOP ON GEOMATICS

One day workshop on GEOMATICS was organized on 17th July 2017 in association with INDIAN SOCIETY FOR REMOTE SENSING, Thiruvananthapuram Chapter and INDIAN SOCIETY FOR GEOMATICS, Thiruvananthapuram Chapter. Workshop was inaugurated by Dr. Ruby Abraham, Principal, Marian Engineering College. First session was "Introduction to GPS" by Dr. K. K. Ramachandran, Scientist & Head, Central Geomatics Lab & Group Head, Atmospheric Processes, and National Centre for Earth Science Studies, MoES, Government of India, Thiruvananthapuram. Second session was on "GIS: a robust concept of spatial data management" by Dr. Suresh Francis, Scientist, Kerala State Remote Sensing and Environment Centre, Thiruvananthapuram. Third session was on "Remote Sensing: An Overview" by Dr. A M Ramiya, Assistant Professor, Indian Institute of Space Science and Technology, Thiruvananthapuram. Workshop ended with practical session on "DGPS" by experts from Elcome Technologies. Over 20 external participants from various engineering colleges under APJ Abdul Kalam Technological University and other colleges were benefitted by this workshop.



Inauguration of workshop on GEOMATICS by Dr. Ruby Abraham, Principal

PUBLICATIONS

- Arun A and Tara Leander (2017) Influence of quarry Dust – Lime mix on engineering properties of Kaolinite clay, International conference on geotechniques for infrastructure projects, Thiruvananthapuram
- Nikhila Raj and Soorya .S.R(2017), Effect of inorganic additives on properties of sodium bentonite ,International Conference on Geo-techniques for Infrastructure Projects ,Trivandrum
- Nikhila Raj and Soorya .S.R (2017), Effect of different additives on properties of sodium bentonite, International Journal of Engineering Research & Technology 5,32-34.
- Akhitha and S.Asathy (2017) Strength improvement of stone columns using tyre chips and aggregates, International conference on geo-techniques and infrastructure projects, Thiruvananthapuram.
- Akhitha and S.Asathy (2017) Strength improvement of geo-textile encased stone columns using tyre chips and aggregates, International journal of engineering research and technology,5,115-118
- Kavitha S Nair, Deepthy B L (2017) "Improvement of soft sub-grade using geo-grid reinforcement" International Journal of Engineering Research & Technology (IJERT),Volume 5,PP:62-64, ISSN: 2278-0181 ETCEA - 2017.
- Kavitha S Nair, Deepthy B L (2017) "Utilization of geo-grid mesh for improving the soft sub-grade layer" International Conference on Geo-techniques for Infrastructure Projects GIP-2017.
- Jain Jacob, Soorya S R, (2017), "Age variation in geotechnical properties of contaminated Kalamassery Municipality Soil" International Conference on Emerging Trends in Civil Engineering and Architecture and published in IJERT conference proceedings Pg 39-42.
- Jain Jacob, Soorya S R , (2017),"Short term study on the geotechnical properties of Kalamassery municipality soil with age" International Conference on Geo-techniques for Infrastructure Projects GIP-2017.
- Jain Jacob, Soorya S R,(2017), "Amended Laterite-Bentonite as liner for Kalamassery Municipality Landfill", Imperial Journal of Interdisciplinary Research Volume 3, Issue 3, Pg 777-779.
- Jain Jacob, Soorya S R,(2017), "Effect of Organic Acids from MSW on Geo-Material Stabilized Liner", International Journal of Engineering Science and Computing Volume 7 Issue No.4, Pg 6274-6276.
- Jain Jacob, Soorya S R,(2017), "Application of Saw Dust in Amended Liner for Municipality Landfill", Imperial Journal of Interdisciplinary Research Volume 3, Issue 4, Pg 1075-1078.
- J.S.G. Malavika and B.L. Deepthy,(2017), Electro-kinetic remediation of heavy metal contaminated soil using different electrolytes and electrodes, International Conference on Geotechniques for Infrastructure Projects,1-4
- J.S.G. Malavika and B.L. Deepthy (2017), Electro-kinetic Remediation of Lead Contaminated Soil, International Journal of Engineering Research & Technology (IJERT) ,Volume 5, Issue 8,95-98

INDUSTRIAL VISITS

Department of Civil Engineering has organized a one day visit to Cochin International Airport Ltd. on 9th February, 2017 for 2014-2018 batch S6 civil engineering students.



Industrial visit to Cochin International Airport Ltd

SURVEY CAMPS



Survey camp for the 2014-2018 Batch students at Nedumangad, on 18th and 21st of July 2017.

STUDENT ACHIEVEMENT

Ajmal Shajahan of 2015-2019 Batch Civil Engineering won first prize in photography contest at LBS Institute of Technology for Women for his work "The World I See in His Eyes".



Photograph which won first prize at LBSITW, "The World I See in His Eyes".

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.



PROF. DR. M.SASIKUMAR
HEAD OF THE DEPARTMENT

NATIONAL CONFERENCE-NCEEC'17

The Department organized National Conference on Recent Trends in Electronics, from 22nd to 24th March 2017. Chief Guest of event was Dr.K.Sivan (Distinguished Director, VSSC). The Subject Experts were Prof. Dr. Deepa P. Gopinath, Associate Professor, CET and Dr. Seena V Associate Professor, Department of Avionics IIST, TVM),



Lamp Lighting Ceremony by Chief Guest Dr. K.Sivan , Director,VSSC



Prof. Dr. Deepa P. Gopinath,
Associate Professor,CET

Dr.Seena V , Associate Professor,
Department of Avionics IIST, TVM

FACULTY DEVELOPMENT PROGRAMME

- 5 day FDP from 24th to 28th July, 2017



• Prof. R.S. Moni, Dept. of ECE, Marian Engg., being the Subject Expert on Digital Signal Processing, gave the very basic ideas of how DSP can be made simple to the students, on 24th July, 2017



• Session on DSP by ,Prof. Paul Thomas,
Mar Baselios College of Engg on 25th July



• Mr. Glastin Y.V (AP, ECE) discussed
about the advanced DSP Processors



• Mr.Arun K.V, AP, Dept. Of ME, Marian Engineering College, conveyed a very valuable session on 'Internet of Things', which will revolutionize the Electronics world in the very near future.



• Mr. Maneesh T., AP, Dept. of ME, Marian Engg.College, gave an exceptionally speculate hands-on session on 'Arduino UNO', 'Raspberry Pi' and 'Node MCU'.

DEPARTMENT ASSOCIATION INAUGURATION



Valedictory Function on 28th July, 2017
by the Principal of Marian Engg. College,
Dr. Ruby Abraham.



Electronics Association was Inaugurated on 22nd September, 2017
by Dr.K.C.Raveendranathan (PG Dean, CET)

PUBLICATIONS

- An Efficient Video Denoising using Patch-based Method, Optical Flow Estimation and Multiresolution Bilateral Filter , Dr. M.Sasikumar and Rakhi S. IJSTE - International Journal of Science Technology & Engineering | Volume 3 | Issue 10 | April 2017 ISSN (online): 2349-784X
- Surveillance Video Synopsis via Scaling Down Moving Objects, Surafi PS,Hema S Mahesh, Marian Engineering College, IJSTE, Volume : 3, Issue : 9
- Efficient Recognition of Facial Expression using Atlas Construction and Sparse Representation, Athira S Varma, Hema S Mahesh,IJSTE, Volume : 3, Issue : 9
- HUE Modification Detection and Estimation using Photo Response Non-Uniformity, Chitra R R , MinnuJayan C, MARIAN ENGINEERING COLLEGE, IJSTE, Volume : 3, Issue : 9
- Sequence to Sequence Similarity for Image Denoising ,Akhila A , MARIAN COLLEGE OF ENGINEERING; Dr. M Sasikumar , MARIAN ENGINEERING COLLEGE, IJSTE, Volume : 3, Issue : 9
- Classification of Lung Tumor from CT Images using Computer Aided Diagnosis Scheme, AmrithaVijayanMinnuJayan C, MARIAN ENGINEERING COLLEGE, IJSTE, Volume : 3, Issue : 9

WORKSHOPS ATTENDED BY FACULTY

- Ms .Minnu Jayan C., & Ms. Hema S.Mahesh , attended a three day workshop from 26th July to 28th July, 2017 on Product Development and Design using IOT Devices , at Mar Baselios College of Engg.
- Ms. Vinitha B.Elza, Ms.Preetha S.L & Ms. Anju Maria Martin , attended a two day workshop on 'Introduction to Robotics ' from 9th June to 10th June, 2017 at Mar Baselios College of Engg.
- Ms. Nurul Hidayah ,Ms.Simi M.S, Ms. Preetha S.L, Ms. Anju Maria Martin, Ms. Mary Sunitha, Ms. MonishaMenon, Ms. Dhanya Mathew (Asst. Professors of ECE Dept), attended FDP on LABVIEW for Teaching and Research at Lourdes Matha College of Science & Technology from 16th to 17th January 2017.
- Ms. Ramola Joy P, Ms. SubhaP.S , Ms. Sreena V.G, Ms. MinnuJayan C., Ms. Hema S. Mahesh (Asst. Professors of ECE Dept), attended FDP on 'Image and Speech Processing with Practical Applications' from 9th January to 13th January 2017 , at Mar Baselios College of Engg.

STUDENT ACHIEVEMENTS

- * 2013-2017 Archa Gopan (CGPA-9.48), UNIVERSITY 3rd RANK for S7 university Exams.
- * 2014-2018 Pooja Hari (CGPA-9.52), University 5th Rank for S4 University Exams.

DEPARTMENT OF ELECTRICAL ENGG.

PROF.DR.VIJAYALEKSHMI .S
HEAD OF THE DEPARTMENT



INTERNATIONAL/NATIONAL CONFERENCE

•A five day FDP on "Embedded systems and hands on training on Keil and Arduino ID" was conducted from 3rd to 7th July 2017. The Resource persons were, Prof. Anas (IIT Guwahati and Muthoot Institute of Science & Technology), Mr. Aneesh Anas (Scientist, C-DAC, TVPM), and Prof. Sajini Nirmal (Marian Engineering College).

•"CAD Workshop" was conducted on 10th & 11th February, 2017 for S4EEE by 'GLOBAL TECHNOLOGIES Ltd'.

•An industrial visit was conducted for the faculty members of EEE department to 110 KV substation Paruthipara and Gas Insulated substation on 20th January 2017. All the faculty members attended the same.



FDP on "Embedded systems and hands on training on Keil and Arduino ID"



Dr. Shibulal, co-founder of Infosys

PROJECT EXHIBITIONS



STUDENT ACHIEVEMENTS

* Ashique Mohammed, Akhil Dev and Lekshmi S of batch 2014-2018 had attended a one-day workshop on 'Mentoring Smart skills for becoming Professionals' and even participated in the exhibition conducted by The Institute of Engineers on 17th August, 2017.

* Charity works were conducted by 2013-2017 batch EEE students on February 14, 2017.

* Ms. Nikhila B Money of 2013 - 2017 Batch Secured second prize in KSEB seminar series 2017 on "Power System Harmonics", conducted at Trinity College.

* Mr. R Gokul Ramanan of 2013-2017 Batch had participated in an interactive session with Dr. Shibulal, co-founder of Infosys at Appolo Dimora on 19-01-2017.

WORKSHOPS ATTENDED BY FACULTY

- Ms. Mary Suja Antony attended an FDP on Design Engineering Project at MBCET, 26th -29th July, 2017.
- Ms. Valsa Basil, Ms. Remya Madhavan, & Ms. Reethu Dhanya participated in the NPTEL workshop conducted on 22nd July, 2017 by IIT Madras at TKM College of Engineering, Kollam.
- Mr. Sujith Kumar attended an FDP "Ekalevya" on Electric Power Systems at Mohandas College of Engineering & Technology (Remote Centre) from 10th to 15th July 2017 conducted by IIT Kharagpur as part of National Mission on Education through Information and Communication Technology.
- Ms Valsa Basil, Ms Thanga Tamarai NGS, Ms Remya Madhavan U, attended Short Term course on "Documentation using LaTeX", by Dept of EEE, CET from 10th July to 15th July 2017.
- Mr. Deepu R S, Ms. Renu John, Ms. Sumitra Kumari attended the Short-term training programme on 'Advancements in Power Electronics, Drives for Grid connected Renewable Energy Systems', 19th to 23rd June 2017 at Mar Baselious College of Engineering, Trivandrum.
- Ms. Reethu Dhanya and Ms. Renu John attended a Sequential FDP on Electrical System Design, by Dept of EEE, MBCET during 28th Jan 2017 to 8th April, 2017.
- Ms. Sheeja Joseph, Ms. Reethu Dhanya, Ms. Nikitha Gomez, Ms Renu John & Ms Sumitra Kumari attended a session on 'Design thinking' by Mr. Abraham MV at Ernst & Young High Tech Campus - KINFRA held on 24-Jan- 2017.
- Ms Reethu Dhanya attended a Workshop on "Python and R -Programming", by Dept of Computer Science, MEC from 11-16th Jan 2017.
- Ms Nikitha Gomez & Ms Sumitra Kumari participated in the Workshop entitled 'QuickAt: Creating assistive technology solutions in minutes' conducted at NISH on 7th January 2017 by Professor Therese Willkomm, Director of Assistive Technology at University of New Hampshire, USA.

DEPARTMENT OF COMPUTER SCIENCE AND ENGG.



PROF. JOSE HORMESE
HEAD OF THE DEPARTMENT

FACULTY DEVELOPMENT PROGRAMME



FDP on 'Python & R Programming'

• The department organized an FDP on 'Python & R Programming' from 11/01/2017 to 16/01/2017. The resource persons for this workshop were Dr. Sheeja Agustin, Mr. Jose Hormese, Ms. Keerthi Krishnan and Ms. Reeja S L.

• Program on "Awareness on Python Programming" was conducted by Dr. Sheeja Agustin & Ms. Reeja S L for final year students on 23-01-2017.

• Five day FDP on "Theory of Computation" was conducted from 3rd July to 7th July 2017. The classes were handled by Dr. J. Ann Rose, Asso. Prof./CSE, St. Xavier's Catholic College of Engineering, Nagercoil, Mr. Praveen G L, Asst. Prof./CSE, Mar Baselios College of Engineering & Technology, Nalanchira and Ms. Nisha J R, Asst. Prof./CSE, Maraian Engineering College. Faculties from various Engineering Colleges attended this course.

FDP on "Theory of Computation"



STUDENTS ACHIEVEMENTS



Poojith Cherukattil of S8 R1 secured second position in INAE Online National Essay Competition 2017.



Gopika Anil of S8 R1 has secured second position in the event CHOREO NIGHT: STOMP THE YARD held as a part of the National Level Intercollegiate Fest of LBS Institute of Technology for Women, Poojapura on 12-03-2017 & 13-03-2017 and she also secured first & second position in AAGNEYA 17 and DAKSHA '17 conducted by Govt. Engineering College, Barton Hill and College of Engineering, Attingal.



Unni Krishnan of S8 R1 has secured second position in the event Debug of Equinox'17 Techno Cultural Fest conducted by Lourde Matha College of Science & Technology.

INDUSTRIAL VISIT

2014-2018 batch students along with Mr. Jose Hormese & Ms. Keerthi Krishnan, visited Spectrum Softtech Solutions, Kochi on 21-04-2017.



ADIEU to the 2013-2017 batch students on 18-04-2017.

ACADEMIC PROGRAMMES ATTENDED BY THE STAFF

- A Five day FDP on "Free and Open Source Software" attended by Dr. Sheeja Agustin, Ms. Sunitha S & Ms. Jyothi Johnson from 13-12-2016 to 17-12-2016 at SCT College of Engineering, Pappanamcode.
- Dr. E Babu Raj attended an FDP on "Python Programming" from 9-12-2016 to 23-12-2016 at NMITT, Nitte, Mangalore conducted by Infosys and he also attended an FDP on "Python Database Integration" from 28-06-2017 to 30-06-2017 at Sahardaya College of Engineering, Trichur conducted by Infosys.
- Dr. Sheeja Agustin was the reviewer for the National Conference on Image Processing & Machine Vision (NCIPMV) 2017 conducted by the Department of Computer Science, University of Kerala.
- Ms. Sunitha S attended an FDP on "Engineering Mathematics for CS" at Govt. Engineering College, Barton Hill from 04-01-2017 to 07-01-2017 and she also attended a four day FDP on "Free and Open Source Software" from 16-01-2017 to 19-01-2017 at ICT Academy of Kerala.
- Mr. Jose Hormese attended a National Workshop on "Transformative Leadership to meet the Challenges in Higher Education Institutions" Organized by Xavier Board of Higher Education in India Held on February 10-12, 2017 at Loyola College of Social Sciences, Thiruvananthapuram and he also attended a two day International Conference on Skills, Engineering and Technology (ICSET 2017) on the Theme "Fourth Industrial Revolution: Promises & Perils of Next Gen. Transformation" on 22nd and 23rd June 2017 at Park Center, Techno park Campus, Thiruvananthapuram.
- Ms. Merlin Shoerio & Ms. Simi Margaret attended the Train the Trainer Program on "Cloud Computing" from 29-03-2017 to 31-03-2017 at Vidya Academy of Science & Technology, Thrissur, Kerala.
- Dr. Sheeja Agustin, Ms. Shiji C G & Ms. Reeja S L attended a two day Workshop on "Effective Course Delivery using MOODLE" on 07-04-2017 & 08-04-2017 at ICT Academy of Kerala.
- Ms. Keerthi Krishnan & Dr. Sheeja Agustin attended a one day workshop on "Global Azure Bootcamp" organized by Good Methods Global Inc, Technopark on 22-04-2017
- Dr. Sheeja Agustin & Ms. Shiji attended the IEEE Kerala Section R10 Branch Counsellors Congress on 16-07-2017 at Le-Meridian, Kochi

PAPER PUBLICATIONS

- Dr. E. Arun published a paper "An Effective Resource Management in Cloud Computing" in International Journal of Communication Networks & Distributed Systems Vol 18/ 2017 and he also published "An Augmented Routing Algorithm for Trusted Detection of Link Failures in MANETs", "Quality of Service Aware Code Dissemination in Wireless Sensor Networks in Springer & DJ Publications.
- Elizabeth J S, Dr. Sheeja Agustin, & Keerthi Krishnan, presented a paper titled "Red Lesion Detection Using Adaptive Global Maximum Clustering Algorithm for Diabetic Retinopathy Screening" in the National Conference on technology Innovation in Mechatronics, Energy Management & Intelligent Communication at Lourdes Matha College of Science & Technology, Kuttichal, TVPM held on 06-04-2017 & 07-04-2017.
- Jibi Belghese, Dr. Sheeja Agustin Published a paper titled "Brain Tumor Segmentation by Pattern Neural Networks with MRI images" in International Journal of Science & Technology and Engineering/Vol 3/Issue 9/ March 2017
- Elizabeth J S, Dr. Sheeja Agustin, & Keerthi Krishnan published a paper titled "Diabetic Retinopathy Detection Using Hough Transform and Bottom Hat Transform" in International Journal of Science, Technology & Engineering, Volume 3, Issue 10, April 2017.

DEPARTMENT ASSOCIATION INAUGURATION



The CSE Department Association was inaugurated by Mr. Anoop John, Digital Media Head, Zyware Technologies, Technopark on 30-08-2017 and Key Note Address by Ms. Sajni, Principal Engineer Language Technology Group, CDAC, TVPM.



Adithya T Raj (S6 R1) & Goutham Viswam (S6 R1) secured first & second position for Coding Competition conducted by CSE Department Association on 15-03-2017.

FAREWELL



ADIEU to the 2013-2017 batch students on 18-04-2017.

DEPARTMENT OF MECHANICAL ENGG.

PROF. T.M.MOHAN
HEAD OF THE DEPARTMENT



FACULTY DEVELOPMENT PROGRAMME

- Mr. Abhiroop V. M (AP,ME) participated in the National workshop on "Algal Technology and its application during March 17-18, 2017.,organized by department of mechanical engineering at National Institute of Technology Calicut.
- Mr. Hareesh R (AP,ME) participated in five day workshop on "Finite Element Methods for Researchers" organized by KTU from 22 to 26 May 2017.
- Mr. Hareesh R (AP,ME) participated in one week QIP short term course on May 29 –June 02, 2017 conducted by IIT Bombay.
- Mr. Arun J Associate Professor and Mr. Sandeep (AP,ME) participated in STTP on Optimization Techniques for Engineering Application organized by Dept of Mechanical Engineering, Mar Baselios College of Engg and Technology, TVM is to be conducted from 17th July to 21th July 2017.
- Prof. Rajaneesh R Chandran and Prof. Hareesh R attended course on Advanced mechanics of solids conducted by KTU from 5th to 7th and 23rd to 25th of Jan 2017.
- Prof. Ullas Innocent Raj attended the course on Handicrafts from 4th to 7th January'17.
- The Department conducted a five day FDP on "Fundamentals of Mechanical Engineering -1" from 03 to 7 July 2017. The classes were taken by Mr.Arun J (Asso.Prof, ME) on Material Science, Mr. Ullas Innocent Raj on Green Engineering, Dr. Rag on Sustainable Development and Biomimic, Mr.Hareesh R on Fundamental of Numerical Methods followed by an industrial visit to VSSC Thumba. Paper bag manufacturing was also included in the section.



Lecture by Dr.Rag on Sustainable Development and Biomimic



FDP shots from 3rd to 7th July, 2017

PAPER PRESENTATIONS

- Prof Abhiroop V M presented two papers at Saha Institute of nuclear physics, Kolkata, jointly organised by dept. of Atomic energy , Indian cryogenic council and variable energy cyclotron center on March 2017

INDUSTRIAL VISITS

- Prof. Dr. T G Ansalam Raj , Arun J and Arunkumar V visited Toyota Kirloskar Motors, Volvo Construction Equipments, Timken Engineering and research and Taegutech, ,Bengaluru , under Confederation of Indian Industries on 16th and 17th of March 2017.



VISIT TO TOYOTA

STUDENT ACHIEVEMENTS

Fourth semester Mechanical students conducted three days project exhibition from 7th to 9th of Feb'17 was conducted at St. Thomas Church, Veli under three categories, renewable energy, transmission and societal benefited projects.

PLACEMENT AWARENESS SESSION

- For the development of Final year students and to give awareness about various job opportunities, Department of Mechanical Engineering conducted Student Development Programs under the leadership of Prof Arun J.
- Awareness program on "A Career in MEP" on 24-01-2017 by ACE INDIA TRAINING AND SERVICES PVT LTD.
- Advanced diploma in Automotive Mechatronics under Govt. Engg College Barton Hill , faculty Mr Aswin was invited to deliver talk on Automotive Electrical, Automotive Opportunities and ways to achieve it. The program was conducted on 7/2/2017.
- Student Development and Motivational Program on Prime Avera was Conducted on 13/2/2017 by Ramkumar R PMP, Business Manager for Synergy SBS, Trivandrum.

MECHANICAL STAFF TOUR



TEJASVI 2017 & COLLEGE DAY CELEBRATIONS

@ 31ST March & 1ST April, 2017

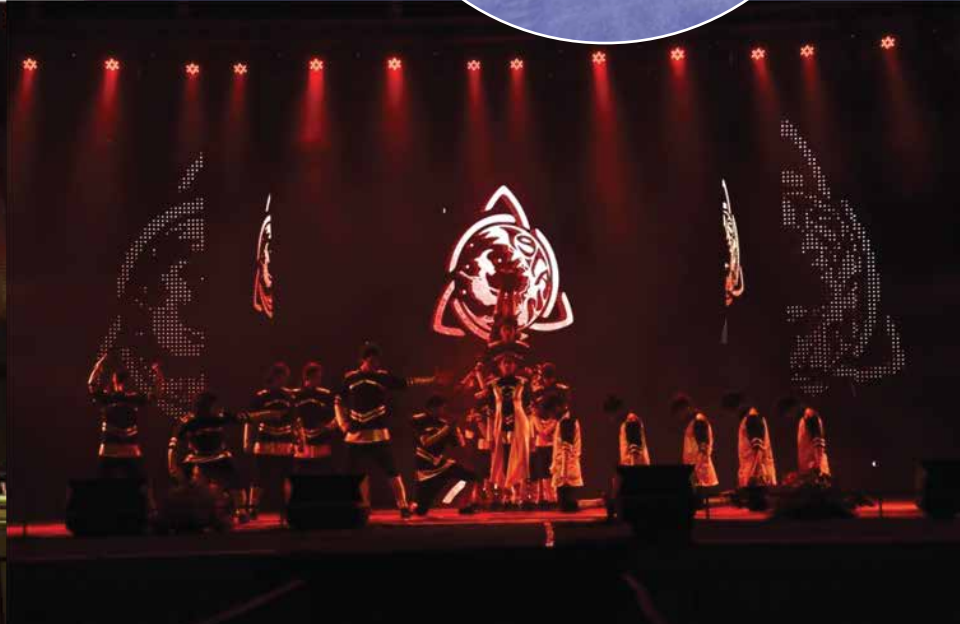


Tejasvi Promotion at Shangumukham on 19th March, 2017



Chief Guests Mr. Jyoti Sankar GM, BSNL & Mr. Sunny Wayne along with Marian Class Toppers.





TRAVANCORE HUB MEET

Travancore Hub, the south Kerala regional office of IEEE Kerala student chapter has organized its flagship event "Travancore Hub Meet", from 4th to 6th August, 2017 at Marian Engineering College, Trivandrum.

Four technical workshops, namely Home Automation, Big Data, Vehicle Overhauling and Game Development progressed in parallel. A total of 350 IEEE and non IEEE members participated for the event.

The chief guest of the day was Dr. Bibin Parukoor Thomas. (UI Designer and Brand Consultant at InApp Inc., IEEE Kerala Section Public Relation officer)



Embrace and Empower by IEEE on 8th March 2017



Clips of Competitions Conducted on 17th February



Planting Trees to enrich the GreenFest



A Curious Child Asked his Mother :
"Mommy, Why are Some of your Hairs Turning Grey?"
The Mother Tried to use This Occasion to Teach her Child :
"It is Because of You, Dear. Every Bad Action of yours Will Turn one of My Hairs Grey!"
The Child Replied innocently :
"Now I Know Why Grandmother has only Grey Hairs on her Head."

ACTIVITIES @ IEDC

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CELL

Innovation and Entrepreneurship Development Cell is formulated to promote entrepreneurial activities among students. Through IEDC students innovate, avail funds & file patents.

Events

- Orientation program to Entire Marian Students by Nodal Officer – March to April.
- Session on "How to Start a Start UP" By K. C. Chandrasekaran Nair, Founder CFO, Techno park.
- FDP on Significance of Research and Development to Faculty members.
- KSCSTE funded workshop on SP Scheme on 3rd August 2017.
- Team Marian IEDC represented College in IEDC 2017 Summit organized by KSUM.
- Team Marian IEDC represented college in Young Entrepreneur Summit organized by KSIDC.
- SajjGopinath, CEO, Kerala Start Up Mission interacted with Marian IEDC as a part of FDP organized on 19/07/2017.
- 'Meet The Entrepreneur', Dr.Balagopal IAS (Founder, Terumo Penpol) on 19th September, 2017

Start Ups Registered through Marian IEDC

TREES

Start Up by Nandakishore and team

ARTIL SOLUTIONS

Start Up by Harikrishnan. A and team

WERELION TECHNOLOGIES

Start Up by Navaneeth

Funds Received

- Rs 3.5 lakhs for proposal submitted by Dr. M. Manoj, Nodal Officer, under Science Popularization Scheme of KSCSTE, Govt. of Kerala
- Rs 1.6 lakhs for IEDC proposal for conduction of regional workshop.

Achievements

- Marian IEDC team submitted 9 proposal for Jack fruit Challenge by KTU. One team was selected in the final 20 list.
- 12 project proposals submitted under TDAP Scheme of KSCSTE and awaiting funding.



Dr. K. C. Chandrasekaran Nair, Founder CFO, Technopark, interacting with students



Inauguration of Marian Incubation facility



Prof. S. Sivasdas, Chairman, SPC, KSCSTE, inaugurating KSCSTE funded regional workshop on SPC



Team Marian IEDC at IEDC 2017 Summit, organized by Kerala StartUp Mission

Inauguration SOLAR PANEL

Solar panel in Campus inaugurated by ArchBishop Most Rev. Dr.Soosaipakayam on 31st July, 2017



SPORTS FEST 2017

16TH

ANNUAL SPORTS MEET OF MARIAN ENGINEERING COLLEGE ON 3RD AND 4TH MARCH, 2017

Sports and athletics have been an integral part of Marian Engineering College for the past 16 years. Keeping up the tradition, this year too, Marian Engineering College had organized its 16th Annual Sports Meet with the same flamboyant spirit, on 3rd and 4th of March 2017. Inaugurated by Mrs K.C. Lekha, Former World Boxing Champion.



SPORTS ACTIVITIES OF MARIAN

In the month of September 2016, cricket team of Marian Engineering College had participated in Kerala University Inter-collegiate Cricket Tournament and reached quarter finals. This is the first time when Marian cricket team had come to that position in the history of our college. Our team lost to University College, Trivandrum by a mere 10 runs. Students have also participated in Football, Kabaddi, Basketball, Table Tennis, Volleyball and Athletics.

In addition, Kerala Football Association (KFA) has conducted a coaching camp for 30 coaches from districts of Kerala as a football Development plan of "Federation of International Football Association". The candidates and instructors utilized the facilities of Marian Engineering College, such as Seminar hall for theory sessions, football field for practical sessions, hostel and canteen for 5 days from 8th April to 12th April 2016.

Moreover, Kerala Blasters Football Team of Hero Indian Super League (ISL) has used the football facilities of Marian Engineering College for their Pre-season training from 30th August to 7th September, 2017.

Arjun, who passed out from Electronics and Communication Engineering department, is employed in the Employees State Insurance Corporation (ESI) under sports quota in the game of Table Tennis.

We have organized Marian Soccer League 2017 in the month of March 2017. A total number of 16 college teams participated in this football League. Marian Engineering College became the champions beating St. Thomas Engineering College with a margin of 3-0.

Marian Basketball Tournament 2017 was organized in the month of April 2017. A total number of 8 teams participated, from various colleges, in this league. Marian Engineering College became the Runner Up team of this tournament beaten by Thangal Kunju Musliar Engineering College (TKM).

Kerala University Weight Lifting Championship was held at LNCEP Kariavattom, Trivandrum in the month of January 2017. One of our students from Civil Engineering department, Aravind Chandrasekhara of S5 C1, bagged gold medal. He holds silver medal in Kerala State Championship and Gold medal in Trivandrum District Championship.

FACULTY DEVELOPMENT PROGRAM

Clips of 'FDP on INDUSTRY EXPECTATIONS for Engineering Fresher in the New Millenium at NISH', organized by the College on 19th & 20th July, 2017



NSS Activities

Paper bag making was organised by NSS Unit of our college on August 15th, 2017 headed by Mr. Ullas Innocent Raj and NSS Volunteers.



THOUGHT of the Month



After the peasant went back to pick up his vegetables, he noticed a purse lying in the road where the boulder had been. The purse contained many gold coins and a note from the King explaining that the gold was for the person who removed the boulder from the roadway.

Moral of the story: Every obstacle we come across in life gives us an opportunity to improve our circumstances, and whilst the lazy complain, the others are creating opportunities through their kind hearts, generosity and willingness to get things done.

The Obstacle In Our Path (Opportunity)

In ancient times, a King had a boulder placed on a roadway. He then hid himself and watched to see if anyone would move the boulder out of the way. Some of the king's wealthiest merchants and courtiers came by and simply walked around it. Many people loudly blamed the King for not keeping the roads clear, but none of them did anything about getting the stone out of the way.

A peasant then came along carrying a load of vegetables. Upon approaching the boulder, the peasant laid down his burden and tried to push the stone out of the road. After much pushing and straining, he finally succeeded.

View your ward from anywhere in the world

To know the performance of students, you may visit the College website: www.marian.ac.in

Click the "TRACK A STUDENT" button and login using his/her admission number and his/her date of birth.

Kazhakuttom, Thiruvananthapuram 695582. Tel: 0471-2707111,2707222,2707333,2707444

Website: www.marian.ac.in Email: mail@marian.ac.in

Managing Editor: Rev.Fr.Reny Rudolf, Editor in Chief: Prof. Tomy Michael,
Staff Editor: Vinitha B.Elza, Student Editor: Aiswarya Suresh.