

MARIAN MOMENTS

An Annual Bulletin of Marian Engineering College, Kazhakkottam



Engg. College Code
MCE



Arch. College Code
MCR

ISO 9001:2008 Certified

A Trivandrum Latin Archdiocesan Institution

August 2018

VISION OF THE INSTITUTE

“To be an institution offering quality technical education and promoting research with strong ethical values for public good.”

MISSION OF THE INSTITUTE

“To mould the young men and women into technologically up to date, socially conscious and morally sound individuals by providing an inspiring environment of learning for the welfare of the society.”

MESSAGE FROM THE MANAGER

Dear Friends,

REV. MSGR. WILFRED .E
MANAGER



“Every day is a chance to begin again.

Don't focus on the failures of yesterday, start today with positive thoughts and expectations”. At the start of the new semester, I wish and pray that our younger generations may always hold the lamp of love, peace, harmony and above all responsibility. When you start this new venture never forget the following points of life ‘You are here for reason’, ‘Follow your passion but beware of hobbies’, ‘Learn to quit for the right reasons’, ‘Be a seed and produce harvest that will benefit others and change the world’, ‘Learn from every job and experience and don't rush your future’. With these points in mind I believe from the core of my heart that my staff would always be the Light of Knowledge and spread this Light to make our students from who they are, to their best. God bless one and all and Wish you all the Best!



4th Rank ECE



Mohammed Ali S7 M2
Pooja Hari S7 T2

MARIAN'S HEARTY CONDOLENCES

MISS YOU DEAREST AROMAL (2015-2019 ECE) AND TONY (2016-2020 ME)

*I wish I
could ask
God why the
good die
young.*



AROMAL S.R TONY VIMALAN



Marian 'ALUMNI MEET' held on 23rd Decemeber, 2017



◀ Quirio 2017

Marian Engineering College in association with Metro Manorama, conducted a State Level Quiz Competition “Quirio 2017” on 25th November, 2017 for higher secondary students of all streams. The Chief Guest of the day was Shri K.R.Jyothilal (Secretary, Department of Transport and Revenue) and Quiz Master was the all time famous Mr. Abraham Joseph.



TECH VIBES 2017-Project Exhibition on 11th October, 2017 presented for the various school students

MARIAN CAREER GUIDANCE & PLACEMENT CELL (CGPU)

PLACED STUDENTS OF 2014-2018 BATCH

DEPARTMENT OF MECHANICAL ENGINEERING

Harikrishna A	Infosys
Harikrishnan V S	Infosys
Jithin Raj	Infosys
Sharook Mohammed S	Infosys
AdarshBiju	Evobi Automations
Ashwin RV	Evobi Automations
Sibikrishna A M	Axis Bank
Arjun R Mohan	Axis Bank
Sanoop S	Axis Bank
Rohit S Pillai	Evobi Automations

DEPT. OF ELECTRONICS & COMMUNICATION ENGG.

Ansi A	Infosys
MeeraVinod	Infosys
SusmithaDharman	Infosys
Midhun C	Infosys
PavithraSukumar	Infosys
AshiqueShajahan	Evobi Automations
Sreehari S	Evobi Automations
MydhiliVikram	Evobi Automations
Nikhitha R Nixon	Techmahindra
JUJO JOSPEH	UST
AMRUTHA S	UST
Athira	H&R Block
Sreelekshmy S R	Axis Bank
MALAVIKA.R.AJITH	Axis Bank
PoojaHari	Axis Bank
Megha.M	Axis Bank
Sruthi S	Axis Bank
Vishnu Priya .R.C	Axis Bank
Anupama Dinesh	InApp Technologies
Nikhitha R Nair	Accenta Education
Soumiya M S	Accenta Education
Rahul A	Evobi Automations
Ananthan	Speridian

DEPT. OF COMPUTER SCIENCE & ENGINEERING

Anuja K	Infosys, Inforich Technologies
Caroline Shelly John	Infosys
GaurishankarSushil	Infosys
Amritha Jacob	Infosys
AdithyaGopikrishnan	Infosys
Safar Junaid	Infosys
NishadNajimudeen	Infosys
JidhyMol J.U	Techmahindra
Kashyap B	Inforich Technologies
NishadNajimudeen	Inforich Technologies
Mithun V R	Inforich Technologies
Adithya Raj	Inforich Technologies
Ram R Sankar	Inforich Technologies
Kashyap B	Axis Bank

DEPARTMENT OF CIVIL ENGINEERING

Carren Mathew	Infosys
GayatriGopal	Infosys
PreethiLekha	Infosys
SonaNahas	Infosys
Lekshmi Nair	Techmahindra
SajnaSuhur	Techmahindra
ReshmaRajan	Techmahindra & Agile Business Solutions
ARAVIND C	Axis Bank
Fathima.S	Axis Bank
Amina P.M	Axis Bank
Anjana S A	Axis Bank
Jelsa V	Axis Bank
Sanjana S G	HDFC Life
Akhil A	HDFC Life
Anjana B J	HDFC Life
Gadhahal	HDFC Life
Divya B	HDFC Life

DEPT. OF ELECTRICAL & ELECTRONICS ENGG.

ARUN A NAIR	UST
MUHAMAD FARHAN	UST
AKHIL DEV	UST
Brijesh B R	Accenta Education
Kevin Dcosta	Accenta Education

PLACEMENT PARTNERS 2017-18



Visit of Senior Manager from Infosys



H&R Block Team with selected students

IEEE ACTIVITIES

IEEE is the world's largest technical professional society. The IEEE Student branch (IEEE SB MCE) at Marian Engineering College imparts knowledge to the students by conducting workshops, talk by high delegates etc. The following events were organized by IEEE SB MCE during this academic year.

- "ENIGMA 1.0" workshops on 3D printing and Arduino were conducted on 19th March, 2017.
- IEEE Kerala Power & Energy Society (PES) organized a one day workshop on 'Design of an Electrical System of Multi Storey Building Complex'; conducted on 29th July, 2017 at Marian Engineering college Kazhakuttom.
- IEEE Students Chapter conducted a workshop on Go-kart build and delivered sessions on 13th and 14th January 2018 Marian Engineering College, motorized luggage cart develop and build section
- IEEE conducted a workshop on 3DS Max in association with CAAD Centre on 25th February 2018.



Workshop on Go-kart Build



Workshop on 3DS Max



IEEE Web Development & Python workshop on 15th October 2017

- As part of IEEE day celebrations on October 3rd 2018, IEEE PES Kerala Chapter was organized a quiz contest for first year engineering students of all the engineering colleges in Kerala. From Marian Engineering College 384 students participated in this Quiz contest. Among them 68 participants were from CS department.
- IEEE Students Chapter conducted a workshop on Go-kart build and delivered sessions on 13th and 14th January 2018 Marian Engineering College, motorized luggage cart develop and build section



Workshop on Game Development held on 25th February 2018

- One rupee Challenge was organized exclusively for Students of Marian Engineering College and the specialty of the event is that registration fee is Rs.1. The winner of each challenge was given an opportunity for free participation of any one workshop conducted by IEEE SB MCE. It is a regularly held event throughout the year 2018 on every Friday's from 1.00 PM to 1.30 PM conducting at IEEE room.

- On 25th February 2018 as a part of Science day celebration, IEEE SB MCE organized a workshop on Game development using JavaScript and HTML.

- As a part of Women's Day (8th March 2018) Celebration, IEEE SB MCE has organized a talk on women safety and hygiene. Dr. Santhamma Mathew along with Dr. Divya was invited as the chief guest. Dr. Santhamma's talk, mainly focused on women's role influencing person's day to day life. She enlightened the students with her personal experience being a wife, mother and an influential personality. Dr. Divya, Paediatrician, Credence Hospital, Trivandrum also shared her opinions on the daily life of women. She encouraged every student for facing the challenges up ahead in life.



Inaugural Ceremony of Womens Day Celebrations by Dr. Santhamma Mathew



INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

START UP COMPANIES REGISTERED THROUGH IEDC

Company Name	CEO	Product/ Service
Artil Solutions	Harikrishnan(S6 CSE)	Service
WerelionTechnologies	NavneethGopakumar	Product
TAADZ ELECTROTECZ	Akhil(S8EEE)	Product/ Service
V4U	Akhil. V(S8 EEE)	Service

FUNDS RECEIVED BY IEDC

The following funds were received by IEDC through proposals submitted for conducting various programs.

- 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 from DST.
- Rs 25000 from Nirmithi Kendra for conducting workshop on WASTE MANAGEMENT & ZERO ENERGY-ZERO DISCHARGE BUILDINGS
- Rs 20000 for celebrating National Science Day.
- Rs 100000/- as reward from KSUM for one among the best performing IEDC in state (Was awarded to 31 IEDC's out of existing 165).

EMPANELMENTS FOR MARIAN IEDC

- Our college is empanelled as one of the Nodal Center for PMYUVA (PrathanMantri YUVA Yogana). Dr. M. Manoj(IEDC Nodal Officer) and Dr. Sheeja Augustine(Associate Professor, CSE) are trained by Ministry of HRD, Govt. of India, as faculty facilitators for the program.
- Our College has been empaneled under State Resource Center, Govt. of Kerala for continued skill improvement and technical enhancement for engineering graduates

PATENTS FILED THROUGH IEDC

Name of Student	Title	Patent Application No
Shibi Krishna(S8 ME) 2014-2018 BATCH	Fully Automated Rubber Tapping Drone	201741037689
Brijesh. B. R (S8 EEE) 2014-2018 BATCH	Automatic Tea Leaf Plucking Machine	201741037699

PARTICIPANTS OF IDEA DAY

The following students participated in Idea Day contest organized by KSUM.

Date	4/11/2017 (6th idea Day)	4/11/2017 (6th idea Day)	4/11/2017 (6th idea Day)
Name of students applied	Jasiya J S	Akhila. A	Sibi Krishna
Department/Year	ECE/ 4th	Civil/4th	Mechanical/4th

STUDENT 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.
- One project was selected for funding under INNOVATE scheme of KSCSTE. The students of this project Ms. Namitha. B., Ms. Nayana. B, Ms. Mekhna Gopal & Ms. Parvathy. S. Nair of S6 Civil represented the college in KTU Tech Fest with this project.
- Three proposals was submitted to IDEA DAY organised by KSUM.
- Four proposals was submitted to Rural Innovators Meet (RIM 2018), out of which two got selected. The two projects was
 - Low cost Roof Tiles by Gouri& Team(S8 CE)
 - Paper Manufacturing form coconut husk by Michael(S6CSE)

Participants of RIM 2018



• A team from final year Mechanical Engineering, headed by IEDC CEO, Mr. Harikrishnan won prize at “TECH To FARM” Event organised by IIT Madras. The project was “Nutmeg Harvester” & “Pepper Harvester”.

WORKSHOPS



Ar. Padmakumar R.D, Member Secretary, LBC, COSTFORD handling the session

A one day workshop on Waste management & Zero Energy – Zero Discharge Buildings was conducted for Civil Engineering Department on 10th January 2018. The program was jointly organised and funded by Kerala State NirmithiKendram. 100 participants attended the training.

National Science Day Celebrations



Manager Very, Rev. Wilfred, E, inaugurating National Science Day celebrations

National Science Day was celebrated on 28th February 2018. The theme for this year was Science and Technology for Sustainable future. The sessions were handled by Dr. P. R. Sreemahadevan Pillai, Dean, University of Calicut, Prof. Shibu Krishnan, College of Engg, Trivandrum and Mr. Baiju, Asst. Engineer, Kerala Water Authority. An exhibition was also organised based on this theme. The program was fully supported and funded by KSCSTE.

Two day Workshop on Design Thinking



Participants of Design Thinking Workshop



The Two day workshop on entrepreneurship was organized by Kerala Start Up Mission at Marian Engineering College, Trivandrum on 20th February 2018 & 21st February 2018. Mr. Sony John Bronzon was the resource person for the workshop and 30 participants attended the workshop. The event was fully funded and supported by Kerala Start Up Mission.



Dr. P. R. Sreemahadevan Pillai & Prof. Shibu Krishnan, handling the session

EDEN- 2K 18

Education & Entrepreneurship (EDEN) – 2k 18 was conducted from 25th January 2018 to 28th January 2018. It was a four day residential workshop for students across the state. 380 students participated in the event. The event was a mix of events from the following category.

1. Motivational Talks.
2. Innovation sessions.
3. Idea pitching sessions.
4. Meet the Entrepreneurs.
5. Meet the investors.
6. Govt. policies to start up's etc.



Participants of EDEN 2K 18



Goutham Yogeewar, District Industries Officer handling the session at EDEN 2k18.



Shri. N. Shyam Mohan, Group Director, VSSC during the inaugural session of EDEN 2k-18



Idea to Product & Enterprise -Dr. Lakshmi Jagannathan, CEO, EDRBI Foundation, Bangalore



Telecommunication and entrepreneurship – Dr.S.JyothiSankar ITS, (General Manager BSNL – Kerala Circle)

Why do we write 'etc' at the end in the Exam??

coz it Means
E - End of
T - Thinking
C - Capacity



Name of Entrepreneur & Organization



Ms. Reena Vivekandan, CEO, SHIPS with the students



Mr. Firoz, CEO Concept Group interacting with students

Dr. Thomas George K, Chairman, LEAD College of Management
 Tripat Preet Singh, Investor Flipkart & Big Basket

Nithin O John, CEO SUBDINE
 Dr. Arun Surendran, Strategic Officer TRINITY CET
 Balagopal IAS, Therumo Penpol Ltd.

MEET THE ENTREPRENEUR SESSIONS

Success and failure stories of entrepreneurs are attracting interest of budding entrepreneurs. They can learn, share, and even be mentored from them. Focusing on this, IEDC organised a lot of Meet the Entrepreneurs. The following events were conducted under this head.

TECHNICAL WORKSHOPS ORGANISED FOR STUDENTS

Workshop on Blender Software on 21st & 22nd October, 2017 (60 Participants)



Workshop on Rivet on 24th March, 2018 (84 Participants)



Workshop on Machine Vision , 27th January, 2018 (40 Participants)



Ionic Workshop on 27th January, 2018 (30 Participants)



OUT- CAMPUS EVENTS PARTICIPATED



Team IEDC participated in IEDC SUMMIT Organised by KSUM at Angamally on 18/08/2017



Team IEDC participated in YES CAN 2018 organised by KSIDC on 12th September 2017 at Cochin.



Delegation team of IEDC, which includes 30 students and two faculty visited TIMed, the incubation center of SCTIMST on 5th October 2017.



A three member faculty delegation went to DERBI Foundation, the private incubator in Bangalore.

IEDC TO SCHOOLS

In continuation with the suggestion form KSUM, Marian IEDC extended its operation to the nearby schools by offering programs to High School students. The program was formulated as a three hour session, which focused on general awareness about innovation & Entrepreneurship Development. Soft Skill development was conducted by Artil Solutions, the Start Up which was registered in IEDC. The program was conducted at Pallithura High School on 2nd January 2018 and at JyothiNilayaam School at 5th January 2018.



Marian IEDC event at JyothiNilayaam School

MARIAN CENTER FOR CONTINUING EDUCATION (MCCE)

Marian Centre for Continuing Education (MCCE) was established on 31st October 2017. The main aim of MCCE is to conduct Continuing technical education courses, Testing and consultancy services and Maintenance and repair services with the help of various departments of Marian Engineering College.

As part of ongoing activity MCCE :

- Signed a memorandum of understanding with continuing education cell of Govt. Engineering College Barton Hill for conducting "The Bosch Joint Certification Program" in association with BOSCH unit of Govt. Engineering College Barton Hill.
- MCCE is also coordinating a consultancy work in the Department of Civil Engineering
- As part of activity for getting training courses, MCCE invited Mr. KuruvillaJose ,Group Head – Powertrain Control, TATA Elxsi and Mr. Anurag , TATA Elxsi for providing simple projects based on microcontroller and its application on 02/02/2018. They will support MCCE if students submit the projects.

QUIRIO '17

Marian Engineering College in association with Metro Manorama, conducted a State Level Quiz Competition "Qurio 2017" on 25th November, 2017 for higher secondary students of all streams. The Chief Guest of the day was Shri K.R.Jyothilal (Secretary, Department of Transport and Revenue) and Quiz Master was the all time famous Mr. Abraham Joseph. The First Prize winners were awarded cash of Rs 25,000/-, 2nd Prize of Rs 15,000/- and 3rd Prize of Rs 10,000/-. Rahul Rajeev & Aswin Nair from Arya Central School won the First Prize. V.R. Devi Prasad & S.Vimal from Marygiri School, Kudappanakkunnu bagged the 2nd Prize and Nandhana S.Balaji, A.S.Amina from Holy Angels Nanthancode won the 3rd place.



MATHRUBHUMI QUIZ

With regard to "Mathrubhumi International Festival of Letters", which was a 3 day carnival of Literature, Arts and Ideas from 2nd to 4th February 2018, a Campus Literary Quiz was conducted at Marian Engineering College on 22nd January.



COLLEGE DAY CELEBRATIONS & INTERCOLLEGE FEST INFINIX 2018

@ 9TH AND 10TH MARCH, 2018



SPORTS DAY @ 20TH JANUARY, 2018

STUDENT ACHIEVEMENTS

- In October 2017, Akhil A of Civil Engineering department has participated in Kerala University Inter-collegiate Aquatics championship, in the event of 1500 mts freestyle, and has secured fourth position.
- Lal Krishnan of Mechanical Engineering department secured fourth place in the event of Best Physic, under 60 Kg category, organized by Kerala University.
- Aasiya of Computer Science department reached the quarter finals of Chess tournament organized by APJKTU held at College of Engineering Trivandrum.
- Marian cricket team entered the semi finals in the intercollegiate cricket championship held at Vellayani Agricultural College organized by KTU.
- Marian Volleyball team had entered the quarterfinals of KTU intercollegiate tournament in 2017-18.
- For the first time, a women's team for Netball is participating in intercollegiate tournaments organized by Kerala University to be held at Mar. Baselios Engineering College, Trivandrum.
- Aravind Chandrasekhara of Civil Engineering department bagged gold medal in two events, Weight lifting and Power lifting championship, of Kerala university held at St. Cyrils College, Adoor in the month of November 2017. Previous year, he seized silver medal in Kerala State Championship and Gold medal in Trivandrum District Championship



- Carren Elza Mathew of Civil Engineering department bagged silver medal and Bronze medal in the event of Weight lifting and Power lifting respectively, organized by Kerala university and held at St. Cyrils College, Adoor in the month of November 2017.
- Marian Engineering College football team has competed in the inter-collegiate football competition organized by APJKTU and held at Mar Baselios Engineering College and became the Champions of "A" Zone. Furthermore, our college football team became champions in the football tournament held at St. Thomas Engineering College and won the trophy and cash prize of Rs. 5000.



Fouzia Sorab and Aadya Anand of Civil Engineering Department competed in the Squash inter collegiate tournament organized by Kerala University and secured Second and Third place respectively. They have selected to represent Kerala University and represented Kerala University in the All India Inter University Squash Championship held at Mumbai in the year 2017-18.

- Ashik Antony of Mechanical Engineering Department represented Kerala University in All India Inter University Football Championship held at Calicut in the year 2017-18. Nolan Charles of Mechanical Engineering Department also represented Kerala Technical University in All India Inter University Football Championship held at Calicut in the year 2017-18.



- Anand Prasad, Aswin R V, Benson Gipson, Bibin Benance and Githin Gilbert of S8 published a paper in the International Journal of Emerging Technology and Advanced Engineering Conference held at Lourdes Matha College of Engineering, Trivandrum.
- Akhil Suresh of S8, represented Kerala University and secured third prize for skit and participated in mime at the Inter University youth festival.
- Ashik Antony of S8 achieved third prize in Inter University South Zone Football championship.
- Inhaz Mohammed of S6 participated in Kick Boxing in the Rural National Games conducted on September 2017.
- Subin Thomas, Nolan Charles, Godwin John Fernandes, Al Ameen S and Sibi of S4 were the members of Marian Football team which emerged as champions in the Intercollege Football Championship conducted by KTU and Godwin John Fernandes, Al Ameen S and Sibi were selected in KTU Football Team.
- Sneha Tomy of S6 got selection and appreciation for new energy resources paper presentation competition at Ketcon.
- Gayathri Devan and Abhinanth J of S4 Mechanical won the First prize for Mathrubhumi International Literary Quiz competition conducted at MEC.
- Mohammed Shebin, Rahul A and Winston Francis Babu of S6 Mechanical won the second prize in Mechatronics conducted by NIT Calicut.

CLUBS / PROFESSIONAL SOCIETIES ACTIVITIES

Automotive club of Marian Engineering college was inaugurated by Er. Sivakumar, Senior Design Engineer, Rolls Royce on 22nd August 2017. His words took students to the technologically advanced world of Rolls Royce. The club provides internships opportunities to students in KSRTC Central Works. The club also conducted quiz competitions to encourage and expand their automotive knowledge and also conduct overhauling workshop.

WORKSHOPS & FDP'S

- Prof. Arun J was invited for delivering an expert talk during Faculty Development Program on "Design and Engineering" conducted from 18th to 22nd December 2017, sponsored by APJ Abdul Kalam Technological University and conducted by Department of Mechanical Engineering, College of Engineering Trivandrum.
- One day FDP on "Introduction to Feasibility" was conducted on 18/4/2018. The sessions were handled by Mr. Raj Thilak, Scientist, VSSC and Mr. Vishakh G S Application Engineer, Intercad Systems.
- A five day FDP on "Fundamentals of Mechanical Engineering" was conducted from 3rd July to 7th July 2017. The classes were taken by Mr. Arun J. on Material science. Discussion on Green Engineering by Mr. Ullas Innocent Raj, Sustainable Development and Biomimicking by Dr. Rag, Fundamental of Numerical Methods by Mr. Hareesh R followed by an industrial visit to VSSC Thumba. Paper bag manufacturing is also included in the section.
- Prof. Hareesh R participated a five day workshop on "Finite Element Methods for Researchers" organized by KTU and one week QIP short term course during May-June 2017 conducted by IIT Bombay.
- Prof. Arun J and Prof. Sandeep E, participated in STTP on Optimization Techniques for Engineering Application organized by Dept. of Mechanical Engineering, Mar Baselios College of Engg and Technology, during 17th July to 21st July 2017.
- Prof. Joseph K M, Dr. Berlin Selva Rex, Prof. Madhavan and Prof. Sandeep participated FDP programme on "Trends and advancement in Cryogenic Engineering" sponsored by DTE Kerala organized by Department of Mechanical Engineering, CET from 4th December to 8th December 2017.
- Prof. Sonia S Raj and Prof. Amjith L R participated in a workshop on "Research Methodology for Ph.D Scholars" conducted by research, development and consultancy (BRDC), Noorul Islam centre for higher education from 11th to 20th December 2017.

- Prof. Vinod M.S and Prof. Maneesh participated in a short term training programme titled "Multi Body Dynamics" organized by Department of Mechanical Engineering Government Engineering College, Bartonhill from 18th December to 22nd December 2017.

PAPER PRESENTATIONS & PUBLICATIONS

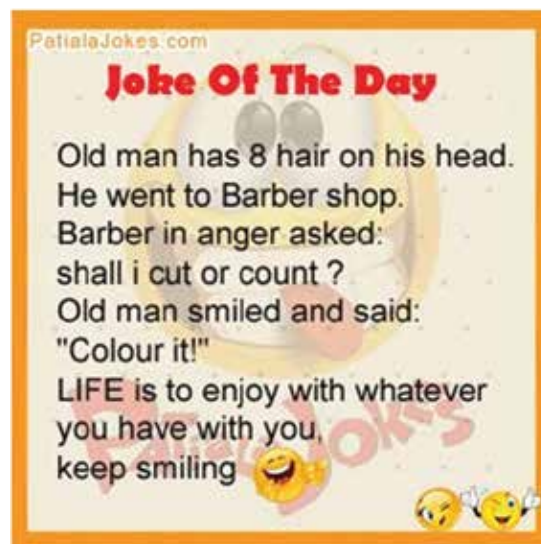
- Prof. Sonia S. Raj presented a paper entitled "Parameter Optimization of Fiber Reinforced Polymer Composite by RSM Design Matrix" in the 3rd International conference on Advanced Manufacturing & Automation held on 5th & 6th April 2018 at Kalasalingam Academy of Research & Education, Krishnankoil, Tamil Nadu.
- Prof. Sonia S. Raj presented a paper entitled "Enhancing the Flexural Properties of Concrete using waste PET bottle Fibers for the Reinforcement" in the international conference on Technology Innovation in Mechatronics, Energy Management & Intelligent Communication 2018, held on 26th & 27th April 2018 at Lourdes Matha College of Science & Technology, Kuttichal, Trivandrum.

VISITING FACULTIES

- A technical talk on "Challenges in Space Technology", was taken by Shri. G. Ayyappan, Program Director ISRO. This activity was on 27th February 2018 to all mechanical engineering students.
- An expert talk on "Propulsion Engineering" was conducted on 4th April 2018 by Shri. Fazzil Muhammed, Scientist ISRO. This program was for final year mechanical engineering students.
- A motivational talk on "Scope and prospects of Mechanical Engineering" was delivered by Dr. P Mohanachandran Nair, Rtd. Dy. General Manager, HLL, TVM. On 4th Jan 2018 This program was for first year mechanical engineering students.
- An Expert talk "What after B.Tech" was conducted on 16th Feb 2018 by Mr. Rajesh P S, Manager, Career Avenues, Trivandrum.

RESEARCH ACTIVITIES

- Prof. Rajaneesh R Chandran and Prof. Hareesh R registered for PhD at APJ Abdul Kalam Technological University in 2017.
- Prof. Sonia S Raj and Prof. Amjith L R registered for PhD at Noorul Islam University in 2017.
- Mr. Arun Kumar V published a paper titled "Evaporation of a liquid droplet in the form of nanoparticle" in Journal of Heat Transfer 140(5), 054501-2018.
- Mr. Abhiroop V M published a paper titled "Numerical investigation on the pressure drop characteristics for steady and pulse flow along a compact regenerator" in Indian Journal of Cryogenics 5958/2349-2120.2018.00019.5 Vol. 43, 2018.



DEPARTMENT OF CIVIL ENGINEERING

FACULTY ACHIEVEMENTS

- Dr. Bharati Raj J. and Ms. Renju C. M. coordinated Faculty Development Programme on "Analysis of Indeterminate Structures" from 4th to 7th July 2017 at Marian Engineering College.
- Prof. K. P. Narayanan was resource person for Faculty Development Programme on "Analysis of Indeterminate Structures" from 4th to 7th July 2017 at Marian Engineering College.
- Dr. Bharati Raj J. and Ms. Renju C. M. coordinated Faculty Development Programme on "Design of Reinforced Concrete Structures" from 18th to 22nd December 2017 at Marian Engineering College.
- Prof. K. P. Narayanan was resource person for Faculty Development Programme on "Design of Reinforced Concrete Structures" from 18th to 22nd December 2017 at Marian Engineering College.
- Ms. Rani V., Associate Professor (CE) got elected as the joint secretary of IGS Thiruvananthapuram Chapter.
- Ms. Rani V., Associate Professor (CE) chaired a technical session on the Third International conference on Emerging Trends in Civil Engineering and Architecture, ETCEA 2018 on 13th March 2018 at Trinity College of Engineering, TVM.
- Prof. Joisy M. B. attended the state level inauguration of Aspirations 2018- A Kerala police anti-drug campaign to create "Drug free educational institutions" in the state on 27th February 2018 at Jimmy George Indoor Stadium, Vellayambalam, Thiruvananthapuram. Inauguration was done by Sri. Pinarayi Vijayan, Honorable Chief Minister of Kerala.

STUDENT ACHIEVEMENTS

- Sona N. of S8C2 has won the Regional level of "Engineeria", The Global Engineering Quiz competition, conducted by CADD centre and received a cash prize of Rs. 5000/-.
- Aravind C. of S8 C1 has won gold medal in Kerala University power lifting and weight lifting competition in the year 2017 – 2018.
- Carren Elsa Mathew of S8 C1 has won silver medal in Kerala University weight lifting competition and bronze medal in power lifting competition in the year 2017- 2018.
- AadyaAnand G. S. and FouziaSorab of S8 C1 represented Kerala in the National Level Squash championship held at Mumbai in the year 2017 -18.

18 JOURNAL PUBLICATION BY STAFF & STUDENTS

36 CONFERENCE PUBLICATION BY STAFF & STUDENTS

FDP ORGANIZED

Five day faculty development programme on "Analysis of Indeterminate Structures" was organized from 3rd July 2017 to 7th July 2017. Prof. K. P. Narayanan and Dr. Bharati Raj were the resource persons. Coordinators of the programme were Dr. Bharati Raj J. and Ms. Renju C.M.



Inauguration of FDP on "Analysis of Indeterminate Structures"

- Five Day Faculty Development Programme on "Design of Reinforced Concrete Structures" was organized by the Department of Civil Engineering from 18th to 22nd December 2017. Prof. K. P. Narayanan of Civil Engineering Department was the resource person. The FDP was coordinated by Dr. Bharati Raj J. & Ms. Renju C. M.



Inauguration of FDP on Design of Reinforced Concrete Structures by Very Rev. Msgr. Wilfred E., Manager, MEC

FDP'S PARTICIPATED

- Dr. Bharati Raj J. attended Faculty Development Programme on "Self Awareness & Integral Education" organized by TPLC, Govt. Engineering College, Barton Hill, Thiruvananthapuram, from 22nd to 25th November 2017.
- Dr. Bharati Raj J. attended QIP sponsored Faculty Development Programme on "Research Avenues in Geoenvironmental Engineering" held at TKM College of Engineering, Kollam, from 4th to 9th December 2017.
- Mr. Abhijith R. P. and Mr. N. Sasidharan attended AICTE sponsored short term course under QIP on "Technological Advancements in Materials for Construction" organized by Department of Civil Engineering, TKM College of Engineering, Kollam from 8th to 13th January 2018.
- Mr. Danny Thomas attended a short term training programme on "Advances in design, construction & rehabilitation of concrete structures" organized by department of civil engineering, Sree Buddha Engineering College, Alappuzha from 21st to 26th May 2018.

WORKSHOPS ORGANIZED & PARTICIPATED

- A three day workshop was conducted for the M. Tech. Geotechnical Engineering students on "Latec" software from 4th to 7th January 2018. Mr. Kannan K. and Ms. Jeena Sulaikha were the coordinators of the programme.
- An orientation programme was conducted for the first year civil engineering students on 5th January 2018. Resource person was Dr. Suja R., Associate Professor, Department of Civil Engineering, Government Engineering College, Barton Hill, TVM.
- StaaD pro training by Inter CAD Systems was organized for faculty members on 11th and 12th January 2018.
- Primavera training by Inter CAD Systems was organized for faculty members on 2nd February 2018.
- Ms. Sanobiya B. S., Ms. Deepthy B. L., Ms. Twinkle Vinu Mohandas, Ms. Greeshma T., Ms. Rani V., Ms. Renju C. M., Ms. AswathySasikumar, Ms. Greeshma T., Mr. Kannan K. and Mr. Danny Thomas participated in the two day workshop on "Significance of Research & Development and New Age Recruitment Trends", jointly organized by IEDC and CGPU of Marian Engineering College from 19th to 20th July 2017.
- Ms. Deepthy B. L., Dr. Bharati Raj J and Ms. Rani V. participated in one day workshop on "Mentoring Smart Skills for becoming Engineering Professionals as a Mentor" organized by The Institution of Engineers (India), Kerala State Centre on 17th August 2017.
- Ms. AswathySasikumar and Ms. Linda J. participated in the Kerala Renewable Energy congress organized by the Agency for Non- conventional Energy and Rural Technology in association with Centre for Environment and Development on 26th and 27th February 2018.
- Ms. JeenaSulaikha, Dr. Bharati Raj J., Ms. JijiSasikumar, Ms. Riya Roy, Ms. Soorya S. R., Ms. Deepthy B. L., Ms. AshaDavood Z., Ms. Linda J. and Mr. Kannan K. attended one day workshop on "Finite Element Analysis of Structures (FEAST)" jointly organized by INTERCAD systems and ISRO at Marian Engineering College on 11th April 2018.
- Prof. Joisy M. B., Dr. Bharati Raj J., Mr. N. Sasidharan, Mr. Danny Thomas and 15 B. Tech. students of Department of Civil Engineering attended state wide inauguration of National Technology Day - 2018 celebrations with the theme "Advances in Technologies for Sustainable Development" on 11th May 2018 organized by KSCSTE at SasthraBhavan, Trivandrum.
- Dr. Bharati Raj J. attended KSCSTE Rural Innovator's Meet 2018 from 14th to 16th May 2018 at Kalpetta, Wayanad.

CONFERENCE ORGANIZED

- A National Conference on "Emerging Trends in Civil Engineering" was conducted by Department of Civil Engineering on 10th and 11th August 2017. Conference was inaugurated by Padma Shri. G. Shankar, Founder and Chief Architect, Habitat Technology group.
- Two day National Conference on INNOVATIONS IN CIVIL ENGINEERING 2018 in association with IGS Thiruvananthapuram chapter was conducted on 16th and 17th March 2018. Conference was inaugurated by Dr. T. M. George, Retired Professor of Civil Engineering, College of Engineering, Trivandrum. It was followed by a keynote address by Dr. SatheeshGopi, Deputy Chief Hydrographer of Ports Department of Govt. of Kerala.

A technical talk on "Geomatics and Lidar" was delivered by Dr. SatheeshGopi. On the second day Er. Harris, Chief Engineer, Kerala Water Authority delivered a talk on "Modern trends in water supply". Eighty five technical papers were presented at various venues in different streams during the conference. Dr. K. Balan, President, IGS Trivandrum Chapter and Dr. Jaya V., HOD (CE), Government Engineering College, Barton Hill, Thiruvananthapuram were the guests for the valedictory function. Ms. Rani V. and Ms. Soorya S. R. were the organizing secretaries of the conference.



Inauguration of National conference on "Emerging Trends in Civil Engineering" by Padma Shri. G. Shankar

ASSOCIATION ACTIVITIES



Dignitaries on dais - National Conference on Innovations in Civil Engineering – 2018



Prof. K. P. Narayanan presenting memento to Dr. K. Balan, President, IGS, Thiruvananthapuram Chapter at the valedictory function of National Conference on Innovations in Civil Engineering 2018



Dignitaries on dais - IGS student Chapter inauguration at Marian Engineering College



Inauguration of Civil Engineering Association by Dr. Babu Ambat



Technical talk by Dr. Jayakumar, MD & CEO, VISL

- A Technical talk by Dr. BabuAmbat, Executive Director, Centre for Environment and Development was arranged on 5th October 2017 on the topic "Challenges in waste management and water management". Over 380 students were benefitted by the technical talk.
- Civil Engineering Association organized a technical talk on "VIZHINJAM INTERNATIONAL SEAPORT PROJECT - the prime mover for sea change" by Dr. Jayakumar, Managing Director & CEO, Vizhinjam International Seaport Limited on 2nd February 2018

• Civil Engineering Association organized one day workshop on Revit in association with CADD DESK, Trivandrum on 25th March 2018 at Marian Engineering College. Seventy two students from various engineering colleges in and around Trivandrum participated in the workshop.

• IGS student Chapter of Marian Engineering College was inaugurated on 14th February 2018 by Dr. G. V. Rao, Former professor, IIT Delhi. Inauguration was followed by technical talk by Dr. G. V. Rao and Dr. M. Venkataraman. IGS student chapter at Marian Engineering College emerged as the largest student chapter in Kerala with the highest number of 285 student members and 7 faculty IGS members. The brochure of "National Conference on Innovation in Civil Engineering" was launched during this inaugural function on 14th February 2018.

INDUSTRIAL VISITS



Faculty of Civil Engineering Department visiting Vizhinjam Harbour

- Ms. Rani V., Ms. AshaDavood Z., Mr. Balu K. R. and 50 students of fifth semester B. Tech. Civil Engineering (C1) visited Coorg, Dandela and sewage treatment plant at Bangalore as part of five days industrial visit from 7th to 11th September 2017.
- Ms. Sanobiya B. S., Ms. Deepthi Dennison and 48 students of fifth semester B. Tech. Civil Engineering (C2) visited Wayanad, Coorg, Chickmangalore and sewage treatment plant at Bangalore as part of five days industrial visit from 6th to 10th September 2017.
- Ms. Deepthy B. L., Ms. Deepthi Dennison and 42 students of seventh semester B. Tech Civil Engineering (C1) visited Kodaikkal as part of two days industrial visit from 29th to 30th September 2017.
- Ms. Nihila A. and 52 students of seventh semester B. Tech Civil Engineering (C2) visited Kodaikkal as part of two days industrial visit from 29th to 30th September 2017.
- Faculty of Civil Engineering Department and Prof. Tomy Michael, Director, Marian Engineering College visited the site of proposed Harbour at Vizhinjam on 21st October 2017.

DEPARTMENT OF MECHANICAL ENGINEERING

ASSOCIATION ACTIVITIES

MAGMA- Marian Association of Growing Mechanical Aspirants.

The Mechanical Engineering Department of Marian Engineering College called as the "Evergreen Branch" has kept itself up to date with the latest developments and trends in the field and has become the mainstay of the institution. The inauguration of mechanical engineering association was on 24th October 2017. The chief guest for the function was Shri. Santhosh Kurup, Chief Executive Officer ICT Academy of Kerala.

A workshop on Aurdino Home Automation was conducted in 4th October 2017 by TRISRA Group which is one of the startups of our college. The workshop was only for the seventh semester students of mechanical engineering department.

STUDENT ACHIEVEMENTS

• Ashwin R.V, Benson Gipson and Harikrishnan V.S of S8 emerged as winners of the Tech2 Farm Hackathon competition organized by IIT Madras on 11th February 2018.



SANOOP S (2014-2018)
SECOND RANK HOLDER
FOR 6TH SEMESTER
UNIVERSITY EXAMS (KU)



**MOHAMMED ALI
OF S8 (2014-2018)** ,
SECOND RANK HOLDER
FOR 6TH SEMESTER
UNIVERSITY EXAMS (KU)



AKHIL SURESH ,
THIRD PRIZE
INTER UNIVERSITY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY ACHIEVEMENTS

- ▶ Dr. E. Baburaj delivered a keynote address on "Data hiding with Soft Computing Techniques" in the Sixth International Conference on Computer Technology and Science ICCTS 2017 held at Nanyang Technological University, Singapore on 9, December 2017.
- ▶ Mr. Jose Hormese has Co-chaired a session on 19/01/2018 as part of the 5th Biennial International Conference on Emerging trends in Engineering, Science and Technology at the Department of Computer Science and Engineering at Govt. Engineering College, Thrissur. Ms. P. V. Merlin Shoerio, Ms. Sajini Nirmal & Ms. Simi Margaret was recognized as the SILVER Partner Faculties 2017 under Inspire- The Campus Connect Faculty Partnership Model.
- ▶ Dr. Sheeja Agustin has been appointed as the technical Program Committee member and reviewer for the National Conference on Image Processing & Machine Vision (NCIPMV) 2017 conducted by the Department of Computer Science, University of Kerala
- ▶ Ms. P. V. Merlin Shoerio & Ms. Simi Margaret was recognized as the SILVER Partner Faculties 2018 under Inspire- The Campus Connect Faculty Partnership Model.

STUDENT ACHIEVEMENTS



BHARATH NARAYANAN of S7 R1 secured second place in FIFA in the Inter College Techno Cultural Fest Epoch'17 organized by ACE College of Engineering, Trivandrum from 12-10-2017 to 14-10-2017

FDP'S & CONFERENCES PARTICIPATED

Dr. E Babu Raj attended an FDP on "Python Database Integration" from 28-06-2017 to 30-06-2017 at Sahrdaya College of Engineering, Trichur conducted by Infosys

Ms. Shiji C. G. and Ms. Reeya S. L. participated in the "One day workshop on Cyber Security & privacy 2017" organized by Confederation of India Industry (CII) on 26-09-2017.

Ms. Keerthi Krishnan attended the Principal's meet organized by IIT Bombay to tell about E-Yantra Initiative in mar Baselos College of Engineering & Technology on 06-05-2017 and she also participated in NPTEL Workshop conducted on 22-07-2017 by IIT Madras at T.K.M College of Engineering, Kollam.

Dr. Sheeja Agustin, Ms. P. V. Merlin Shoerio & Ms. Simi Margaret attended a FDP on "Java Programming" at ICT Academy, Techno Park, Trivandrum from 04-12-2017 to 08-12-2017.

Ms. Jyothi Johnson attended the "Train the Trainer Programme" organized by Infosys from 06-12-2017 to 08-12-2017 at Vidya Academy, Thrissur

Ms. Jyothi Johnson, Ms. Keerthi Krishnan, Ms. Nitha L. Rozario & Ms. Nishley Elizabeth attended Faculty Development Programme on "Algorithms in Machine Learning" organized by the Department of Computer Science & Engineering, CET from 18-12-2017 to 22-12-2017 under the FSDP scheme of Directorate of Technical Education, Government of Kerala

Ms. P V Merlin Shoerio & Ms. Simi Margaret attended the Infosys Campus Connect FEP on "Internet of Things" at NMM Institute of Technology, Nitte, Mangalore from 18-12-2017 to 22-12-2017

Ms. Nisha J. R. & Ms. Meera Mathew attended a three day Faculty Development Programme on "Security & Forensics in Cyber Space" from 19-12-2017 to 21-12-2017 at ERDCI-IT organized by CDAC sponsored by KTU.

Mr. Jose Hormese 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.

Dr. Sheeja Agustin & Ms. Shiji attended the IEEE Kerala Section R10 Branch Counsellors Congress on 16-07-2017 at Le-Meridian, Kochi.

Dr. E. Baburaj, presented a paper entitled as "Optimal Parameter Selection for QR Code Based Image Steganography via Variable Step Size Firefly algorithm and Lifting Wavelet transform", in the 2017 Asia Conference on Machine Learning and Computing ACMLC 2017 held at Nan yang Technological University, Singapore on 8-10 December 2017.

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.

Dr. Sheeja Agustin attended IEEE Annual general meet at hotel Apolo Dimora, Thiruvananthapuram on 13/01/2018.

RESEARCH (FACULTY/STUDENTS)

- ◆ Dr. E. Arun, published a paper "A Novel Algorithm for Load Balancing in Mobile Cloud Networks: Multi-Objective Optimization Approach" in Wireless Personal Communications, Springer, November 2017, SCI indexed.
- ◆ 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.
- ◆ Dr. E. Baburaj (2018) "FABC-MACRD: Fuzzy and Artificial Bee Colony Based Implementation of MAC, Clustering, Routing and Data Delivery by Cross-Layer Approach in WSN", International Journal of Wireless Personal Communication, Springer.
- ◆ Dr. E. Baburaj (2018) "An Optimal Trust Aware Cluster Based Routing Protocol Using Fuzzy Based Trust Inference Model and Improved Evolutionary Particle Swarm Optimization in WBANs", International Journal of Wireless Personal Communication, Springer.
- ◆ 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.

ASSOCIATION ACTIVITIES



Department conducted an Exhibition on the various projects done by the S7, S5 & S3 students on 11-10-2017. Students from various schools in Trivandrum came to see the Exhibition.

- Gaming Competition was conducted on 03-11-2017, 06-11-2017 & 07-11-2017. Around fifty students participated in this event. Afsal A. R. of S7 R1 and Litson Thomas of S1 R1 won the first & second prize in this competition.
- Chess Competition was held on 24-10-2017 and Navnit Gopakumar of S7 R2 got the first prize. Around 32 students participated in this event.
- "Mind over Matter", Literature event was organized by computer science association on 1st Nov 2017.



ADIEU TO OUR PASS OUT DEARS (2014-2018) ON 13-4-2018



S8 students arranged a get-together for teachers & students at Park Rajadhani, Ullor on 30-04-2018.



Departmental Orientation Session was given for first year computer science students on 2nd Nov 2017. Mr. Justin George, Technical lead, Infosys took the session. Mr. Justin George is an alumnus of Marian, 2007 CSE Batch.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Prof. Dr. M.Sasikumar and Prof. Dr.R.S.Moni being Honored for the Jubilee Celebrations at CET (Completed more than 50 years of teaching)



ASSOCIATION ACTIVITIES

- The 6th semester (2015-2019) students visited Brahmos on 20th Jan, 2018.
- The final year students (2014-2018) visited TERLS, Thumba on 1st November, 2017 to view Rocket Launch and Control Room facilities.
- The department conducted Project Exhibition on 11th October, 2017 as part of Techvibes (Project Exhibition of Marian Engineering College for school students in and around the city) :



Stills of TechVibes Project Expo held on 11th October, 2017

FDP'S PARTICIPATED

- Ms. Ann Mathew & Ms. Sony S (AP, ECE) attended Online 8 weeks course from 21st August, 2017 via NPTEL Online Courses and Certification. Name of the course was "Hardware Modeling using Verilog".
- Ms. Ann Mathew, Ms. Sony S, Ms. Dhanya Mathew, Mr. Evan Kumar (AP's, ECE) attended FDP FDP On 'Introduction to Embedded Systems and Hands on Training on Keil and Arduino IDE', from 3rd to 7th July, 2017 organized by the Department of Electrical & Electronics Engineering.
- Ms. Sreena V.G., attended an AICTE /QIP sponsored short term course on 'Deep learning and applications', from 16 to 20th April 2018, at College of Engineering Trivandrum.

STUDENT ACHIEVEMENTS

- Pooja Hari of S8 Electronics (2014-2018) has secured the 5th rank for her S5 University results
- Gokul M. Anil of S6 Electronics (2015-2019) has secured 6th Prize in 'ELECTRONAIRE', on 20th Jan, 2018 at DRISHTI '18, CET Trivandrum.

RESEARCH ACTIVITIES

- On May 2nd, 2017, Dr.M.Manoj(Assoc. Professor) was awarded with Ph.d from N.I.University, Tamil Nadu, for the work "Spectral cluster and multi-textured flow classifier for tumor and lesion detection in pet image". He has 3 journal publications and has attended 2 IEEE International Conference .
- Ms. Sreena V.G (A.P,ECE) participated and presented a paper in the Ninth International Conference in Advances in Pattern Recognition (ICAPR 17) held at Indian Statistical Institute(ISI) Bangalore from 26-12-17 to 30-12-17. Paper title- ' RGB Patch Clustering for Hyperspectral Image Super-resolution using Sparse Coding. To be published in Conference Proceedings, IEEE.
- Ms. Reshmalakshmi C. (AP, ECE) completed her pre-submission and submitted thesis in April, 2018. Her publications are:
 - 1) Fuzzy Transform for Contrast Enhancement of Non-Uniform Illumination Images in IEEE Signal Processing Letters.
 - 2) Trabecular bone quality metric from X-Ray images for osteoporosis detection in ICICIT.
 - 3) Image Edge Orientation Estimation via Fuzzy Logic in Elsevier-Materials Today 4 (2).

JOURNALS PUBLISHED BY M.TECH STUDENTS & STAFF:

- 1) Pavithra Sukumar, Sreena V G (AP,ECE), " Classification of Hyperspectral Images Using PPI and LMM", International Journal of Advance Research, Ideas and Innovations in technology IJARIIT, May 2018.
- 2) Shahna S, MinnuJayan C.(AP,ECE), " Real Time Human Skin Color Detection using OSTU Thresholding" International Journal of Advance Research, Ideas and Innovations in technology IJARIIT, May 2018.
- 3) Dujna Nuzrak, MinnuJayan C.(AP,ECE), "Face Spoofing Detection using LBP descriptor and ensemble subspace discriminant classifier", International Journal of Advance Research, Ideas and Innovations in technology IJARIIT, May 2018.

NATIONAL CONFERENCE NCEEC'18

The Department organized National Conference on Emerging Areas in Electronics & Communication on 27th and 28th March, 2018. The function was inaugurated by the chief guest Shri. Sukumaran N.K, GM, BSNL, Trivandrum.

The welcome address was delivered by (Prof) Dr.R.S.Moni, (Professor, Department of ECE). The function was chaired by Rev. Msgr. Fr. Wilfred E. (Manager, MEC), Prof. Tomy Michael (Director), Dr. Ruby Abraham (Principal), Rev. Fr. Reny Rudolf (Bursar). The chief guest has lit the lamp and delivered the Key note address. (Prof.) Dr.M.Sasikumar concluded the inauguration function by delivering the vote of thanks.



Inaugural Ceremony by Chief Guest Shri. Sukumaran N.K, GM, BSNL, TVM.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ASSOCIATION ACTIVITIES



Inauguration of EEE Association 2017 on 28th September 2017 at IEDC seminar hall. Chief Guest: Mr. Suresh Babu B. V., Accredited Energy Auditor, Bureau of Energy Efficiency

STUDENT ACHIEVEMENTS



- Akhil Dev, Muhammed Farhan, Arun A Nair of S8EEE were selected for internship at UST Global for their project works on 26th October 2017.
- Devika C M and Karthika Bose of S4EEE presented a paper on "Automatic Plant Irrigation System" at IEEE International Conference on Circuits and Systems conducted by Circuits and Systems Society India Chapter at Mar Baselios College of Engineering & Technology on 20th and 21st December 2017.

STAFF ACHIEVEMENTS

Head of the Department (EEE)- Dr. Vijayalshmi was awarded Doctorate Degree in Electrical Engineering on the topic "Investigations on Partially Shaded Solar Arrays in a Micro Grid", by University of Kerala in February 2017. Head of the Department (EEE)- Dr. Vijayalshmi, was awarded "Corps Electrical & Mechanical Engineering Prize" instituted by Institution of Engineers at 32nd Indian Engineering Congress, Chennai on 21st December 2017.



WORKSHOPS & FDP'S



- Workshop on "Industrial Automation" by IPCS Automation, Trivandrum for S6 & S8 students of EEE Department on 22nd January 2018 at Seminar Hall, EEE Department.
- Orientation class by J & A Training Academy for EEE students on 5th January 2018 at Seminar hall, EEE Department.

Industrial Visit for S7 (2014-2018) students to KSEB 220KV substation, Pothencode on 4th September, 2017





An awareness talk by Mr. Y Shibu, Circle Inspector of Excise Department was conducted on 24th December at 3.15 pm about the topic "Drug abuse and its consequences"



A house visit to Fathimapuram was conducted jointly by NSS Marian unit and Kazhakuttom Excise Dept. to educate the locals about the consequences of drug abuse and was completed by 6 pm.



On 26/12/2017, as part of camp activity, NSS volunteers visited the victims affected by OKHI cyclone and gave monetary and material contributions.



On 25/2/2018 volunteers visited old age home, Sadhana Renewal Center, at Monvila and comforted the inmates. 28 volunteers participated in this charity activity.

THOUGHT *of the Month*

AN 87 YEAR OLD COLLEGE STUDENT NAMED ROSE

The first day of school our professor introduced himself and challenged us to get to know someone we didn't already know. I stood up to look around when a gentle hand touched my shoulder. I turned around to find a wrinkled, little old lady beaming up at me with a smile that lit up her entire being. She said, "Hi handsome. My name is Rose. I'm eighty-seven years old. Can I give you a hug?" I laughed and enthusiastically responded, "Of course you may!" and she gave me a giant squeeze. "Why are you in college at such a young, innocent age?" I asked. She jokingly replied, "I'm here to meet a rich husband, get married, and have a couple of kids..."

"No seriously," I asked. I was curious what may have motivated her to be taking on this challenge at her age. "I always dreamed of having a college education and now I'm getting one!" she told me. After class we walked to the student union building and shared a chocolate milkshake. We became instant friends. Every day for the next three months, we would leave class together and talk nonstop. I was always mesmerized listening to this "time machine" as she shared her wisdom and experience with me.

Over the course of the year, Rose became a campus icon and she easily made friends wherever she went. She loved to dress up and she reveled in the attention bestowed upon her from the other students. She was living it up.

At the end of the semester we invited Rose to speak at our football banquet. I'll never forget what she taught us. She was introduced and stepped up to the podium. As she began to deliver her prepared speech, she dropped her three by five cards on the floor. Frustrated and a little embarrassed she leaned into the microphone and simply said, "I'm sorry I'm so jittery. I gave up beer for Lent and this whiskey is killing me! I'll never get my speech back in order so let me just tell you what I know."

As we laughed she cleared her throat and began, "We do not stop playing because we are old; we grow old because we stop playing. There are only four secrets to staying young, being happy, and achieving success. You have to laugh and find humor every day. You've got to have a dream. When you lose your dreams, you die. We have so many people walking around who are dead and don't even know it! There is a huge difference between growing older and growing up. If you are nineteen years old and lie in bed for one full year and don't do one productive thing, you will turn twenty years old. If I am eighty-seven years old and stay in bed for a year and never do anything I will turn eighty-eight. Anybody can grow older. That doesn't take any talent or ability. The idea is to grow up by always finding opportunity in change. Have no regrets. The elderly usually don't have regrets for what we did, but rather for things we did not do. The only people who fear death are those with regrets." She concluded her speech by courageously singing "The Rose." She challenged each of us to study the lyrics and live them out in our daily lives.

At the year's end Rose finished the college degree she had begun all those years ago. One week after graduation Rose died peacefully in her sleep. Over two thousand college students attended her funeral in tribute to the wonderful woman who taught by example that it's never too late to be all you can possibly be. When you finish reading this, please send this peaceful word of advice to your friends and family, they'll really enjoy it! These words have been passed along in loving memory of ROSE.

REMEMBER, GROWING OLDER IS MANDATORY. GROWING UP IS OPTIONAL.



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

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