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### INSTITUTE VISION

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

### INSTITUTE MISSION

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.

### DEPARTMENT VISION

To be a globally recognized Centre for civil engineering studies to mould competent, research oriented and socially responsible professionals.

### DEPARTMENT MISSION

To provide quality technical education in civil engineering for a successful career.

To equip the students with advanced skills and knowledge to take up challenges in all areas of civil engineering.

To create professionals with strong ethical values to provide service for the public and society.

### From Desk of the Head of the Department

Greetings from the department of Civil Engineering, Marian Engineering College. We are shortly starting another academic year, still remembering many of the varied achievements and activities throughout the previous year, and I thank the faculty members of the department and students who have each moment memorable in the previous year. Through this newsletter, we are communicating to you some of the key events of the previous year as we look forward to an even better year ahead, as motivated as ever

**Prof. JOISY M B**

Head of the Department



## PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- PEO 1:** Graduates will be able to establish engineering abilities, design capabilities and life-long learning for a successful civil engineering career.
- PEO 2:** Graduates will be able to establish the knowledge and skills necessary for identifying and assessing design alternative to deal effectively with the social, economic, environmental and public safety problems.
- PEO 3:** Graduates will be able to obtain professional licensure and develop entrepreneurship skills to work in multi-disciplinary environment.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

- Global Competence-** Apply technical and managerial skills necessary to enter career in planning, design, construction, operation or maintenance of the global infrastructure.
- Research and development-** Update about the latest research and development in construction technology advances in construction materials and analysis or design procedures.
- Disaster Management-** Acquires theoretical background about post disaster conditions such as rescue operations, damage assessment and retrofitting of structures.

## NEW FACULTY MEMBERS

- ❖ Dr. S. Narayanan
- ❖ Dr. P.L. Vijayakumari

## STUDENT & FACULTY ACHIEVEMENTS

- ❖ The Students of civil engineering department handed over the essential items for the flood relief camp at Pathanamthitta relief camp during September 2018.
- ❖ The following students was presented the certificate of gratitude by Dr. Vasuki IAS, District Collector, TVM for volunteering efforts during relief operations in the aftermath of the Kerala floods 2018.
 

a. B.S Amal Dev (S5 C1)	j. Kashif M. (S3 C1)
b. Gopika V.G (S3 C1)	k. Anju Sara Biju (S5 C1)
c. Rijo Varghese (S3 C2)	l. Anju Ajith A (S7 C1)
d. Gopika S.P.	m. Anju Sebastian (S7 C1)
e. Jagan (S3 C1)	n. Riya J (S7 C2)
f. Anandhu Manoj (S3 C1)	g. Gokul Sureshababu (S7 C1)
o. Lena S (S7 C2)	
p. Adharsh Sudharshanan (S7 C1)	
h. Amalu B. Suresh (S7 C1)	
- ❖ Asif Mohammed of S7 C1 was an actively participated in the flood relief committee constituted by the District Collector, TVM.
- ❖ Aparna K. S. Nair, Final year M.Tech. student (2016 batch) secured the second position for the Annual IGS AISAT award for best M. Tech. thesis organized by IGS Kochi chapter & AISAT on 22-9-2018.



- Aarya K.R. & Jishnu P.S.(S1 GT) secured first prize for the Technical quiz conducted by IGS Chapter, MEC on 3-10-2018.
- Students of S6 C2 of the department of Civil Engineering presented exhibits from their design projects as part of the state level technical project exhibition 'Chrysalis 2018' organized by Model Public School, Pallipuram on 30-11-2018.



- Gopika A.M secured the first place in women Discuss throw in the APJ Abdul Kalam Technological University Intercollegiate Athletics Championship held at University stadium, Thiruvananthapuram from 2-11-2018 to 4-11-2018.
- Lekshmi M.S, Sayana S, Rakhi Krishna, Pooja A.S secured consolation prize in paper presentation competition as part of COGNIZ 2019, Technocultural fest conducted by Bishop Jerome Institute, Kollam from February 18 to 20, 2019.
- A grant in aid of Rs.5000 was awarded by KSCSTE to Students of S6 C2: Namitha B., Nayana B., Parvathy S. Nair, & Mekhana Gopal on the project "Bamboo Coir Partition Wall" guided by Dr. HYPERLINK "<https://sites.google.com/site/bharaticemec/>" Bharati HYPERLINK "<https://sites.google.com/site/bharaticemec/>" Raj J. on 25-5-2018.
- A grant in aid of Rs.19000 was awarded by CERD to Students of S8 C1: Abhirami A. Kumar, Aiswarya J.B., Anakha M. Nair, & Benita P.J. on the project "Use of flex fibre in self-compacting Concrete" guided by Dr. HYPERLINK "<https://sites.google.com/site/bharaticemec/>" Bharati HYPERLINK "<https://sites.google.com/site/bharaticemec/>" Raj J. on 10-11-2018.
- Harshith N & Neethu of M4 GT secured the first prize for the Intercollege General Quiz competition 'Jalnix' conducted as a part of the World Water Day celebrations organized by BhoomithraSena Club, MEC on 22-3-19.
- Jishnu P.S & Aarya K.R. secured the First prize & Viswesvarayya ever-rolling Cup in the Annual Civil Engineering Quiz by the IGS Student Chapter & Department of Civil Engineering, CET on 23-2-19.
- Anciya Fazal of M4 GT secured the first prize for the paper presentation in association with the National Conference 'KETCON 2019' conducted by Govt. Engineering College, Thrissur on 15-2-19.
- Gopika A.S of M4 GT secured the first prize for the paper presentation in association with the National Conference organized by St.Thomas Institute of Science & Technology on 16-3-19.
- Gopika A.S of M4 GT secured the first prize for the paper presentation in association with the National Conference organized by Bishop Jerome Nagar Institute of Science & Technology on 19-2-19.
- Krishna B of M4 GT secured the second prize for the paper presentation in association with the National Conference organized by Bishop Jerome Nagar Institute of Science & Technology on 19-2-19.
- FathimaSulfiker, AjmiSulaiman, AmrithaB.Nair, Bharatha S. Vipin of S6 C1 secured the best paper award in the Hydraulics Engineering Stream for the project " Water Pillow" in association with the National Conference on Innovations in Civil Engineering (ICE 2019) organized by Department of Civil Engineering, MEC ON 11-4-2019.
- Feroz T.R & Eva Jane of S6 C1 secured second prize for paper presentation IDEATE 2019 organised by Rajadhani Institute of Science & Technology, Trivandrum.
- Ken Ninan Prince & Akhil Krishnan of S4 C1 secured the first prize in the Quiz competition held at Bishop Jerome Nagar Institute of Science & Technology on 18-2-19.
- R.U Dhanusree, Lekshmi V.R., Meghna S.M, Nice M. Basheer, Nabeel N.S of S6 C2 secured the third prize for Innovative project "Desalination of sea water" in association with the National Hackathon 'EDEN 2019' organized by IEDC, MEC & Kerala Startup mission.





## Industrial Visits

An Industrial Visit to Aruvikkara water treatment plant was conducted on 5-11-2018 (Monday) for the S7 C1 & C2 (115 students) students.



- IGS student chapter of Marian Engineering college organized a Site visit to Green Field Stadium, Karyavattom for the B.Tech.& M.Tech. students (90 members) on 9-2-2019.

## IGS STUDENTS CHAPTER

The prelims of Technical quiz of IGS student chapter was conducted on 15-9-2018 in the civil engineering department.



- An Industrial Visit to Vaigai Dam, Kodaikanal was conducted from 8-11-18 to 11-11-18 for the Mtech (48 students) organized by the IGS Student chapter, MEC.
- An Industrial Visit to Trivandrum Central Railway Station was conducted on 28-11-18 for the S7 C1, C2 (120 students) for better understanding of the basics of Railway engineering.



- The Finals of Technical quiz of IGS student chapter was conducted on 3-10-2018 in the civil engineering department.



- Student members and mentors of IGS student chapter of Marian Engineering college participated in the 3<sup>rd</sup> annual commemorative lecture in the memory of Prof. T.S. Ramanatha Ayyar & Symposium on 'Laterites and lateritic soils' by TC 107 of ISSMGE (International Society for Soil Mechanics & Geotechnical Engineering) at LBS Institute of Technology for Women, Poojappura, TVM on 8-2-2019.



- Prof. Dr. R. Shivasankar, Professor in Civil Engineering, NITK, Surathkal visited the MEC campus and interacted with IGS student chapter, MEC on 9-2-19. He also delivered a lecture on Basic & Advanced Geotechnical Engineering.
- Members of the IGS Student chapter attended and secured First & Second Positions in the Annual Civil Engineering Quiz by the IGS Student Chapter & Department of Civil Engineering, CET and retained the Viswesvarayya ever-rolling Cup on 23-2-19. The prizes were distributed by Dr. Vrinda V. Nair, Dean Research, KTU & Dr. Padmakumar G. P., Registrar, KTU.
- The New executive committee of IGS Student chapter with Mentors Ms. Rani V and Mr. Kannan K. and students of S6, S4 & M2 was consecrated on 14-5-2019 at Civil Engineering seminar hall.

## BHOOMITRA SENA CLUB

Inauguration of Bhoomithrasena club by Prof. D. Thankamani and celebration of world ozone day was conducted on 17-9-2018 co-ordinated by Mr. Danny Thomas.





- A Visit to KOLLKAL THAPOVANAM, Kayamkulam was conducted on 4-11-2018 (Sunday) for the S7 C1 & C2 (115 students) students organized by the Bhoomithra Sena club.



- As an initiative of Directorate of environment climate change, planting of seedlings Very Rev. Msgr. Wilfred E., Manager, MEC in the civil engineering department was organized by Bhoomithrasena club on 7-1-2019.



- An expert talk by Mr.Pramod P.P., IFS on 'World Forestry Day' as part of World Forestry Day celebrations organized by Bhoomithra Sena Club, MEC on 21-3-19.



- An Interschool Painting competition 'Ara Nya' was conducted as a part of the World Water Day celebrations organized by BhoomithraSena Club, MEC on 21-3-19.



## **INDUSTRY INSTITUTE INTERACTION**

An MoU was signed between Marian Engineering College & Kerala State Nirmithi Kendra on 7-3-19. Rev. Fr. Wilfred E signed on behalf of MEC and Mr. U.V Jose, IAS signed on behalf of Kerala State Nirmithi Kendra.



## PLACEMENTS

Name of the Student Placed	Name of the Employer
Aiswarya H.	Infosys
Arathi Krishna S.	COSTFORD
Archa Anil	Infosys
Aswin Anil	Infosys
Farzana S.	Infosys
NadiyaBasheer	IBM
Namitha B.	Infosys
Nayana B.	Kerala State Construction Cooperation Ltd.
Parvathy S. Nair	COSTFORD
PrasidhPrem Nair	IBM
Rahul Subash	Infosys
Riya J.	COSTFORD
Teeja J. S.	COSTFORD

## EDITORS

### Staff Editors

- ✓ Prof. Joisy M. B.
- ✓ Prof. Sanobiya B. S.

### Student Editors

- ✓ Mr. Manjunadhan Potty
- ✓ Ms. Fathima Sulfikar
- ✓ Mr. Abhijith J. B.

