



CONTOUR

HOD'S MESSAGE

It is really exhilarating to make a note that Department of Civil Engineering is coming up with yet another issue of "CONTOUR" a department newsletter. The entire department is dedicated to provide the best to our students by conducting various technical events apart from the regular academics. We believe it is our responsibility to open up different avenues of wisdom to student's fraternity. The students and faculty of our department are always proactive in taking initiatives to conduct technical, cultural and social events. This issue of contour is being brought before you thinking that this would reflect all the activities of the department conducted time to time after our last issue. I am sure that this will inspire others to do their best. I congratulate the Staff editor and Student editor along with all those contributed their energy and time to shape this newsletter.

Dr. MANOJ NALLANATHEL
HOD, DEPT. OF CE

"We shape our buildings;
thereafter they shape us."
~ Winston Churchill

ABOUT THE DEPARTMENT

The Department of Civil Engineering was started in the year 2010. The programme (B Tech in Civil Engineering) has a sanctioned intake of 60 students. The department provide students with the fundamental knowledge and problem solving skills in the field of Civil Engineering required for a fulfilling career and to create and disseminate knowledge to improve Civil Engineering research, education and practice. The department has been involved in the areas of Structures, Soil Mechanics, Transportation Engineering, Hydraulics and Environmental engineering.

VISION

The department ventures to excel in the areas of research and industry by moulding the young professionals to meet challenging situations in the field of civil engineering.

MISSION

To lend excellence in education with creative thinking and mould technically skilled, ethically responsible professionals with global standards to meet the desired socio economic needs with in realistic and environmental constraints.

EDITORIAL BOARD

STAFF EDITOR

Prof. Christina Jacob

STUDENT EDITOR

Praisya Elezabeth Varghese

GRADUATION CEREMONY

The Department of Civil Engineering of Mar Baselios Christian College of Engineering and Technology celebrated the graduation ceremony of their sixth outgoing batch of B. Tech on 27th July 2019. Forty five students of Bachelors in Technology degree in Civil Engineering were felicitated at the ceremony. Dr. Poullose Jacob, Pro-Vice Chancellor of CUSAT was the chief guest and addressed the gathering. The Chief Guest gave away the Mementos and certificates to the students. Mr. Bithin Varghese secured highest CGPA in civil engineering and Ms. Angel Elsa Simon received the best outgoing student award. The Department of Civil Engineering wishes all the graduates of MBCCET a successful career ahead.



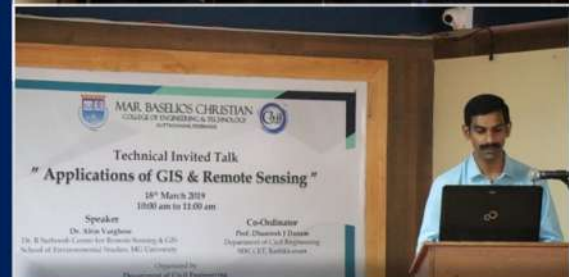
TECHNICAL INVITED TALK

Geographic Information System

A technical invited talk on “Geographic Information System” was conducted for second year and third year students of civil engineering on 18th March 2019. The resource person was Dr. Abin Varghese, Programme Coordinator, Dr. R. Sathesh Centre for Remote Sensing and GIS, MG University, Kottayam. The speaker discussed about different Geographic information systems, its origin, evolution and application in different fields of civil engineering. He also discussed in detail about different Global Navigation satellite systems and its development. Around 70 students attended the program.

Concrete Concepts

A technical talk on “Concrete Concepts” was conducted for second year and third year students of civil engineering on 19th March 2019. Around 60 students participated in the session hosted by civil department. The resource person was Er. M. A. Joseph, Regional Head, UltraTech Cements and Chairman of ICI Kochi Chapter. He discussed about the recent advancements in concrete technology and its application in Civil Engineering.



NATIONAL CONFERENCE DICE '19

National Conference on Developments and Innovations in Civil Engineering (DICE '19) was organised by Department of civil engineering MBC CET on 30th April 2019. Dr. B. Ramesh, Professor and Vice Principal, SIMATS Chennai inaugurated the conference and delivered the keynote address. Er. Roy Vairamman (Director, MBC CET) presided the function and Dr. Pradeep. C (Principal, MBC CET) addressed the gathering. Many UG/PG students, research scholars and scientists from various parts of the nation presented their research papers in the conference. Dr. G. B. Ramesh Kumar (Associate Professor, SIMATS, Chennai) and Dr.Purushothaman (Associate Professor, SRM Chennai) chaired the technical sessions.



FACULTY ACHIEVEMENTS

Dr. Manoj Nallantheel has Completed PhD in "Investigation of Mechanical & Hydrological Properties of Pervious Concrete with special focus on Inclusion of Fibres and Utilization of various Waste Materials" from SIMATS, Chennai under the supervision of Dr. Ramesh Bhaskar (Professor and Vice Principal, SIMATS)

PLACEMENTS

Kevin Alex	2015-2019 Batch	Sutherland
Suby Cherian	2015-2019 Batch	Sutherland
Ashna P. Nazar	2015-2019 Batch	Sutherland
Rijo K. George	2015-2019 Batch	Sutherland

PARTICIPATIONS

- Dr. Chithra.V. S has participated in the Zonal workshop on "Curriculum revision of APJ Abdul Kalam Kerala Technology University" 3 April 2019, Rajiv Gandhi Institute of Technology, Kottayam.

PUBLICATIONS

JOURNALS

- Manoj Nallanathel, B. Ramesh, “Pervious Concrete Construction Methods and Quality Control”, Indian journal of Environmental Protection, Volume 39(4), PP 379-383, April 2019.
- Mintu Sara George, Jissin Joy, Thasleema Asharuf, “A Miniature Working Model of Geothermal Air Conditioning System in a building” Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, PP 353-357, April 2019.
- Bobeena George, Sarath Jack Varghese,” A Review on Zero Degree Horizontal Directional Drilling” Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, PP 415-417, April 2019.
- Dr. Nivin Philip, Bobeena George, Angel Elsa Simon, Christeena P S, Jibin Thomas John, Joel John Jacob, John Koshy M, “Analytical Study on Scaling of RC Beam under Close-in Blast Loading” Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, PP 442-445, April 2019.

CONFERENCES

- Dr. Chithra V.S, Nagendra, S.M.S. “Estimation of Particle Deposition in Respiratory Tracts of School Children” International Conference on Air pollution and Monitoring (ICAM-2019), MG University, Kottayam, March 08 – 11, 2019.

*Welcome to the Civil
Engineering Department*



Prof. Serene K.T

*Wishing you much joy and happiness
as you begin a new chapter...*



Prof. Jithin P. Zachariah

UPCOMING EVENTS

- Technical talk on “Green protocols and guidelines for execution” in collaboration with Suchitwa Mission, Idukki.
- Workshop on “Remote sensing and GIS “in collaboration with MG University.
- Technical Quiz competition with the support of CADD Centre, Kottayam.
- Department Alumni meet “CIVILEA-19”.