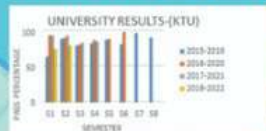


DEPARTMENT PROFILE

Department of civil engineering has been in existence since the inception of MITS. Over the years, department has grown tremendously by developing strong link with buildings, construction industries, academic and research units. The department has 13 dedicated and well qualified faculty members pioneered by Mrs. Mary Lissy P N. The course overtunes well equipped laboratories and modern machines, promising all civil engineering aspirants, an opportunity to excel in the very field.

ACADEMIC PERFORMANCE



TOPPERS



Lakshmi S Nair (S4)
Sreelekshmi Sajeev (S6)
Gopika V (S4)
Meera Krishnan (S2)

STUDENT ACHIEVEMENTS

Smart India Hackathon 2019

A Team of 6 students from S4 CE qualified for second round of Smart India Hackathon 2019 (Hardware edition) under the theme of Sustainable Environment.

Project Expo 2019

A team of three students from S6 CE under the guidance of Mr. Dhileep M was awarded 2nd position in the final year Project Exhibition organized by MITS on May 10th 2019.

TCS EngiNx

A team of 4 students from S6 CE qualified for second round under the theme Engineering Design Contest conducted by TCS.

Pantheon 2018

Ganga.S of S3 CE won the first position for the event 'Best Engineer' in Pantheon'18, a tech fest hosted by CET Trivandrum on 27th november 2018.

Azure 2018

Anand Mathew and Kunchako Sunny of S5 CE won the third prize for the event 'EUREKA', a paper presentation competition hosted by Amal Jyothi College of Engineering, Kanjirapally on 10th november 2018.

VISION

To be a centre of excellence in the field of Civil Engineering and serve the society through continuing education and research.

MISSION

- To identify real-life problems in civil engineering domain and propose solutions through effective teaching-learning process.
- To refine the technical skills, knowledge and ethical values of the students for the sustainable development of the society.
- To facilitate collaborated research projects, offering opportunities for long term interaction with industries.
- To ignite The spark of entrepreneurship in students in leading them to start their own ventures.

PLACEMENT (2015-19)

Company	Students
Infosys	Anjana M Nair, Bhasa Benny, Isabel Mariya Bino, Niniya Babu, Megha P Rajan, Bhasa Sajja, Sreelekshmi I
ults	Megha Mariyam Sibi, Gopika U Shaji, Meera Sojan, Anitha Thambiy, Sandra Mariya Abin, Lakshmi S Nair
wipro	Delhin Benny, Ashan Paul Kurukoor, Muhammed Adam PN, Uya Shaji, Govind Parameshwaran
artha	Eldhose Sojan, ARJUN V S
mitsogo	Aleasha shaji Joseph, Reshma leahy

NEW FACES TO THE DEPARTMENT



Eldhose Cherian



Jayalekshmi B



Sohamol Jacob

•Designation: Assistant Professor
•Educational Qualification:
B.Tech - Mar Athanasius College of Engineering, Kothamangalam - 2012
M.Tech - Mar Athanasius College of Engineering, Kothamangalam - 2014
•Specialization: Structural Engineering

•Designation: Assistant Professor
•Educational Qualification:
B.Tech - Sree Buddha College of Engineering, Pattor, Kerala University (2010)
M.Tech - National Institute of Technology Karnataka, Surathkal (2019)
•Specialization: Structural Engineering

•Designation: Assistant Professor
•Educational Qualification:
B.Tech - TCC H Institute of Science and Technology, Arakkunnam - 2017
M.Tech - MGM College of Engineering and Technology, Pampakuda - 2019
•Specialization: Structural Engineering and Construction Management

EDITORS : JAYALEKSHMI B (ASST. PROF.), ATHUL A S (S5)
GANGA S (S5), NASNI P N (S3), MOHAMMED MUKTHAR M M (S3)

ETERNIA'19
The everlasting rex in Civil Engineering

**DEPARTMENT OF
CIVIL ENGINEERING**



**Mudhoor
Institute of Technology & Science**



ASSOCIATION ACTIVITY INAUGURATION 2018-2019

The Department of Civil Engineering of Muthoot Institute of Technology and Science celebrated the inaugural function of Civil Engineering Association (ETERNIA) on 8th August 2018. The function was inaugurated by Ms. Shikha Surendran, Civil Service Topper, Mrs. Mary Lissy P N, Head of Civil Engineering Department delivered the welcome address and Principal Dr. S. Ramkumar delivered the presidential address. The newly elected office bearers for ETERNIA 2018-2019 were also introduced in the function.



HOUSING PROJECT FOR FLOOD AFFECTED PEOPLE

A team from Department of Civil Engineering, MITS, Varikoli comprising of Dr. Babu Kurian, Dhileep M and Sandeep M. S. volunteered to undertake the planning, design and execution of low-cost housing project for the benefit of the people who were homeless due to Kerala flood. The constructions of seven houses are successfully completed by the team from the Department of Civil Engineering, MITS, Varikoli well within the stipulated time. The houses withstood the 2019 flood successfully.



ARICE'19

Civil Engineering Department of MITS hosted a National Conference on Advanced Research and Innovations in Civil Engineering (ARICE 2019) on 13th and 14th June 2019. Dr. Rao Martand Singh, Department of Civil and Environmental Engineering, University of Surrey and Dr. Devdas Menon, Structural Engineering, IIT Madras were the chief guests for the occasion. ARICE aims to enlighten the technical fraternity about the latest developments and challenges in Civil Engineering.



MoU WITH SFS HOMES, KOCHI

The department of civil engineering is proud to have signed an MoU with Skyline Foundation and Structures Pvt Limited, Kochi on 29th June 2019. As a part of this industrial collaboration, our students will be able to undertake short term internship programme to make industrial visits to construction sites of SFS homes etc. It is also proposed to promote research and development activities through mutual interaction.



CONSTRUCTION 4.0 - CIVIL ENGINEERING PERSPECTIVE

On 4th April 2019 ICI student chapter of MITS organized a technical summit on the topic "Construction 4.0- Civil Engineering Perspective". Our esteemed panelists were, Er. S Sathipalan (Retd, Executive Engineer, Kerala PWD/NH Division and leading structural consultant in Kerala, Er. Reji Zachariah (Chief Executive Officer, SBR Consultants, Kochi) and Prof. Nidhi M B (Professor, Mar Baselios College of Engineering and Technology, Trivandrum, National Executive council member of ISTE and Joint Secretary of IIIE - Indian Institution of Industrial Engineers, Kerala Chapter).

INDUSTRIAL VISITS

THYKODAM METRO SITE
SEMESTER: S6
DATE OF VISIT: 31.09.2019
FACULTY IN CHARGE: Nishida A (Asst. Prof.) and Mr. Narayanan C R (Lab staff, CE).



**CHAMBAKKARA ARCH
BRIDGE CONSTRUCTION**

SEMESTER: S8
DATE OF VISIT: 31.01.2019
FACULTY IN CHARGE: Basil Mathai (Asst. prof.).



**AASHIYANA CONSTRUCTION
PROJECT, KUMARAKOM**

SEMESTER: S4, S6 and S8
DATE OF VISIT: 27-03-2019 (S4 and S8) and 29-03-2019 (S6).



**MUTHOOT COOPERATE OFFICE
PALARIVATTOM**

SEMESTER: S4
DATE OF VISIT: 30-01-2019
FACULTY IN CHARGE: Sunith John David (Asst. Prof.) and Mr. Narayanan C R (Lab staff, CE).

TEKON & KETCON (State Level Competition)

The students of Civil Engineering Department of MITS, Nimra Babu, Sona Kunjumon, Sreelakshmi Sajeev and Vishnu Priya Subash under the expert guidance of Mrs. Mary Lissy P.N, HOD, Civil Engineering Department had exhibited the innovation titled "Smog Purifier" in the TEKON & KETCON contest organized by KTU & KSCSTE during 15-17 February 2019 hosted at GEC Thrissur & St.Gits Kottayam.



IGBC INTERNATIONAL CONGRESS, HYDERABAD

16th edition of IGBC's flagship event 'Green Building Congress 2018' was held at HICC, Hyderabad, Telangana between 31st October - 3rd November 2018. Midhun Elizabeth Varghese (Asst. Prof.), Sandra Maria Abin, Reenu Saju, Muhammed Aslam P.S, Elsa Chemmanur, Ashika Thankachan, Anna John of S8 CE attended the same.



WORKSHOP ON "GEOHAZARDS- MITIGATION & PREVENTION"

ETERNIA, the Civil Engineering Association of MITS in association with Kerala State Council for Science, Technology and Environment (KSCSTE) organised a Three Day Workshop on 'Geohazards Mitigation & Prevention' from 30th July - 1st August 2018.



KEL (KERALA ELECTRICAL & ALLIED ENGG. CO. LTD, GOVERNMENT OF KERALA UNDERTAKING) EMPANELMENT

Civil department has been awarded Class B registration as consultant in the area of civil & Structural for a period of 2019-2020.

ADVANCED TRAINING PROGRAMME ON GIS AND REMOTE SENSING

A 6-day KTU sponsored faculty development programme on "ADVANCED TRAINING PROGRAMME ON REMOTE SENSING AND GIS" was held at the Department of Civil Engineering, in collaboration with Dr. R. Sathesh Centre for Remote Sensing and GIS, School of Environmental Sciences, Mahatma Gandhi University, Kottayam from 24th June to 29th June, 2019.



PAPERS PUBLISHED/ PRESENTED

- Mary Lissy P.N, Carolin Peter, Kavya Mohan, Shone Greens and Sneha George, "Energy efficient production of clay bricks using industrial waste", Heliyon, ELSEVIER, October 2018, vol. 4.
- Dyna James, Muhammed Arshad V A, Sana Salim, Shaikh Shifa Fakrudin, Midhun Elizabeth Varghese, "Dynamic Analysis of RCC Slabs Strengthened Using CFRP in the International Journal of Creative Research and Thoughts, Vol. 6, Issue 1, March 2018.
- M. Dhileep, Aresh K. Kottupillil and Babu Kurian, "Orientation and proportion in Indian traditional domestic architecture", Interdisciplinary Science Reviews, 44.1(2019), 97-109, DOI:10.1080/03080188.2018.1555078.
- Sunith John David, "A Comparative Study on Scour Depth Analysis around Bridge Piers on Different Soils", Proceedings of the Annual International Conference on Emerging Research Areas, AICERA 2019, Amal Jyothi College of Engineering, Kottayam, July 2019.
- Dhileep. M, Sunith John David, "Problems in a water distribution network-A Case Study", Proceedings of the Annual International Conference on Emerging Research Areas, AICERA 2019, Amal Jyothi College of Engineering, Kottayam, July 2019.
- M. Dhileep, P. D. Anumalai, and G. Hemalatha, "A dynamic correction for the seismic analysis of structures", Innovative Infrastructure Solutions, 4: 23 (2019), DOI: 10.1007/s41062-019-0205-4.
- Sandeep M S, "Feasibility Of ACI 318-14 Strut And-Tie Provisions For The Analysis And Design Of Rubcrete And Steel Fibre Reinforced Rubcrete Deep Beams.", IIT Madras, 14th 19th December 2018.

MOOC COURSE

The Department of Civil Engineering provides continuous encouragement to students and faculties to take up MOOC courses, by which they get access to a wide number of topics offered by renowned institutions and experts in the year 2019 four faculties and two students from the department attended MOOC courses in various fields as a part of knowledge enhancement initiative.

FACULTY DEVELOPMENT PROGRAMMES

Sunith John David
Topic: Nanomaterials in concrete (December 18-23, 2018).

Sandeep M.S
Topic: Design of advanced concrete structures (July 3-10, 2019).

Ginu S Malakeel
Topic: Research Avenues in Coastal Engineering (January 14 - 19, 2019).

Minnie Mariya James and Riya Johny
Topic: Disaster Management (January 16 - 20, 2019).

Nishida A and Minnie Mariya James
Topic: Green Energy, Environment, Engineering and technology for sustainable future (December 10 - 20, 2019).

Dhileep M
Topic: Engineering Simulations with ANSYS (July 2-7, 2018).

Midhun Elizabeth Varghese
Topic: Design of steel structure using Tekla structural designer (20-07-2018), recent advances in concrete construction and preservation (18-12-2018), design of steel structures (July 16-20, 2018).