

CONTENTS

1. Vision
2. Mission
3. From HOD's Desk
4. Welcome to new faculty members
5. Student and Faculty achievements
6. Industrial Visit
7. Survey Camp
8. Placement Activities

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

The past year for our department has been really vibrant, students having enjoyed their time here through various academic and other activities throughout the year. This newsletter intends to communicate some of the key events during the course of the previous year. I would like to thank all my colleagues for their tireless efforts to help the department progress in this period. The students have also been actively involved in all the activities in the department and outside, bringing glory to us and making us proud in being part of the Marian family.

Prof. RESHMY D S

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. Ruby Abraham
- ✓ Dr. Bharathi Raj
- ✓ Kannan K.
- ✓ Riya Roy
- ✓ Danny Thomas

STUDENT & FACULTY ACHIEVEMENTS

- Department of Civil Engineering has organized a Five day faculty development programme on “Analysis of Indeterminate Structures” from 3rd July 2017 to 7th July 2017
- AjmalShajahan of fourth semester B. Tech 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”
- 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 geotechniques 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 & Technology5,32-34.
- Akhitha and S. Aswathy (2017) Strength improvement of stone columns using tyre chips and aggregates, International conference on geotechniques and infrastructure projects, Thiruvananthapuram.



- Akhitha and S. Aswathy (2017) Strength improvement of geotextile 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 subgrade using geogrid 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 geogrid mesh for improving the soft subgrade layer" International Conference on Geotechniques 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 Geotechniques 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),Electrokinetic 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), Electrokinetic Remediation of Lead Contaminated Soil, International Journal of Engineering Research & Technology (IJERT) ,Volume 5,Issue 8,95-98
- Nihila A. and Deepthy B. L. attended Six days short term course on "Recent Advances in Project Planning and Management held during 9 -14 Jan 2017 at TKM College of Engineering
- 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. Over 20 external participants from various engineering colleges under Kerala Technological University and other colleges were benefitted by the workshop.

INDUSTRIAL VISIT

One day visit to Cochin International Airport Ltd. was organized on 9th February, 2017 for B.Tech sixth semester civil engineering students accompanied by Professor Deepthy B.L



SURVEY CAMP

Survey camp for seventh semester students was held on 18th and 21st of July 2017 at Nedumangad.

PLACEMENTS

Name of the Student Placed	Name of the Employer
Bevolin S. Russel	Reserve Bank of India
Gopika G.	Canara - HSBC
Libin B. S.	KITCO Ltd.
Noopura P. A.	ESSO-NCESS
R. Krishna Raj	Allianz
Renjima T.	Airport Authority of India

EDITORS

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