



STELLA MARY'S COLLEGE OF ENGINEERING



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai)
Aruthenganvilai, Kallukatti Junction Azhikal Post, Kanyakumari District-629202, Tamil Nadu, South India.

Department Of Civil Engineering

Race

Rein4z Association of Civil Engineering

Civil News Letter

Volume - I Issue -2 April 2018

VISION

To provide world class technical education with ethics and professionalism and to create civil engineer with high technical competencies who would full fill the challenges and needs of today's scenario with the help of green technology.

MISSION

- To impart quality technical education, imbibing lifelong learning and concern for environment.
- To create job o pportunities in research, industry and consultancy both nationally and internationally.
- To provide technical s kills, leadership qualities and team spirit among the students.
- To establish center of excellence in emerging areas of research to find solution to the problem faced by the society.



From the Chairman's Desk



“ The Newsletter of the Civil Engineering department is providing great space for the faculty and students to pen down their innovative ideas, imagination and perceptions to show case their creativity. So, I take the opportunity to congratulate the department of Civil Engineering and its editorial team to successful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating. ”

- Dr.NAZERATH CHARLES



From the CEO's Desk

“ I am indeed happy to know that the Civil Engineering department has taken initiative in realizing its yearly newsletter and urge faulties and students to make use of the platform to share and educate among themselves in publishing article pertaining to the emerging domain and articles of interesting. I congratulate the team of editorial commitee of Department of Civil Engineering. ”



- Mr. CAROL JUDESON

From the Director's Desk

“ It gives me immense pleasure to note that Civil Engineering Department bringing out the newsletter for the academic year 2017-18. I am sure this newsletter provides an opportunity to the student's and the faculty of the Civil Engineering department to project their talents through articles, reports of the various academic and extracurricular programmes. I congratulate the editorial Committee of the newsletter for their efforts. “



- Mr.P.RENJITHAM

From the Principal's Desk

“ It is indeed very happy to bring out newsletter by the Civil Engineering department. It is a platform provided by the Civil Engineering department for their students and faculty members where they can share the knowledge, experience and talents in terms of written articles and I would like to compliment and congratulate the department of Civil Engineering and its editorial team for the contribution in bringing out the newsletter. “



-Dr.R.SURESH PREMIL KUMAR

From the HOD's Desk



I am happy that RACE is releasing 2nd issue. I appreciate the editorial for their continuous effort in bringing out this newsletter and this time exclusively with inputs on construction companies. It gives me immense pleasure in seeing the articles by faculty and students on latest trends and the department of civil engineering seems to be pro-active in organizing many programs. I wish the newsletter should carry many more useful information and faculty and students should make use of these opportunities to express their views and to update their knowledge.

-Dr.R.VENKATAH KRISHNAIAH

ABOUT THE DEPARTMENT

A warm and affectionate welcome to the department of Civil Engineering at Stella Mary's College of Engineering. The Department emerged in the year 2014 and has endowed with quality and excellence to provide all facilities to each individual with an approved intake of 60 students. In broad sense, Civil Engineering is a combination of various fields such as Structural Engineering, Environmental Engineering, Highway Engineering, Geotechnical Engineering, Concrete Technology etc. Our Department has a team of qualified and experienced faculty members and well equipped laboratory. We are striving hard continuously to improve upon the quality of education and to maintain its position of leadership in engineering and Technology.



Program Outcomes (POs)

- 1. Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.**
- 2. Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.**
- 3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.**
- 4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.**
- 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.**
- 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.**



7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

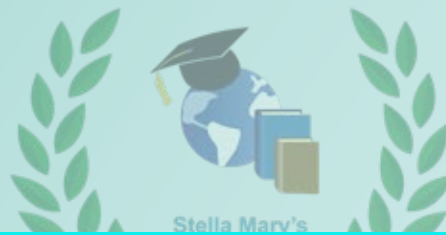


Program specific Outcomes (PSOs)

PSO 1: Applying concepts and solving problems in the branches of Civil Engineering such as Structural, Environmental, Hydraulics, Construction Management, and Geo technical Engineering.

PSO 2 :Assess the environmental impact of various projects and take required measures to curb environmental deterioration

PSO3:Able to use latest softwares pertaining to various streams of Civil Engineering.



Program Educational Objectives (PEOs)

●PEO1: Graduates will have a successful career in the field of Civil Engineering by meeting the needs of industries or will become entrepreneurs.

●PEO2: Graduates will have a sound foundation in engineering fundamentals which is necessary to analyse engineering problems and the ability to persue higher studies.

●PEO3: Graduates will work collaboratively on multi-disciplinary projects by engaging in life-long learning process throughout their professional life.

Faculty Profile

Teaching Faculty

Name: Dr. R.Venkatah Krishnaiah
Designation: Head, Associate Professor
Qualification: M.E, Ph.D

Name: Mr. T.Ragin
Designation: Assistant Professor
Qualification: M.Tech

Name: Mr.J.Prakash Arul Jose
Designation: Associate Professor
Qualification: M.E

Name: Mrs.Sworna K.Jancy Bai
Designation: Assistant Professor
Qualification: M.E

Name: Mr.P.Prasanth
Designation: Assistant Professor
Qualification: M.E

Name: Mrs.H.B.Sumithra
Designation: Assistant Professor
Qualification: M.E

Name: Mrs.C.Shibani
Designation: Assistant Professor
Qualification: M.E



Name: Mr.T.Vijayan
Designation: Assistant Professor
Qualification: M.E

Name: Mrs. N. Agnes Flora
Designation: Assistant Professor
Qualification: M.E

Name: Mr.C.M.Sunil
Designation: Assistant Professor
Qualification: M.E

Name: Mrs. S. Indira
Designation: Assistant Professor
Qualification: M.E

Name: Mrs.V.L.Boby
Designation: Assistant Professor
Qualification: M.E

Name: Mrs. M.Ashni
Designation: Assistant Professor
Qualification: M.Tech

Non -Teaching Faculty

Name: Mr.Satheesh
Designation: Lab Instructor
Qualification: B.E

Name: Ms.Muthulekshmi
Designation: Lab Assistant
Qualification: DCE



In House Events organised

Guest Lectures

Guest Lectures were conducted in various topics to bridge the gap in the curriculum and to meet the needs of the industries. Resource persons from various institutions and industries were invited to deliver the lectures of current importance.



Seminars

Seminars were conducted in the topics of current trends in order to impart technical and practical knowledge in students. Resource from various industries were invited to share their knowledge with faculty and students.



Industrial Visit

Industrial visit is an opportunity for the students to gain the practical knowledge on the functioning of various industries and it also paves a way to interact with the experienced persons working in the industry. The Students will also be exposed to the materials and machines involved in the production and manufacturing units. They also will understand the importance of teamwork while interacting with the employees.



Pongal Celebration



Pongal is a harvesting festival or it can be considered as the 'thanksgiving' festival celebrated in the Indian state TamilNadu, was celebrated on 14th January in our college by our faculties and students.



PTA



PTA is actively involved in aiding smooth functioning of the college. The executive committee chaired by the HoD coordinates the activities of the PTA. Its efforts are oriented towards improving facilities in the college. It also aims in improving the personality and learning skills of their wards.

Student Participation

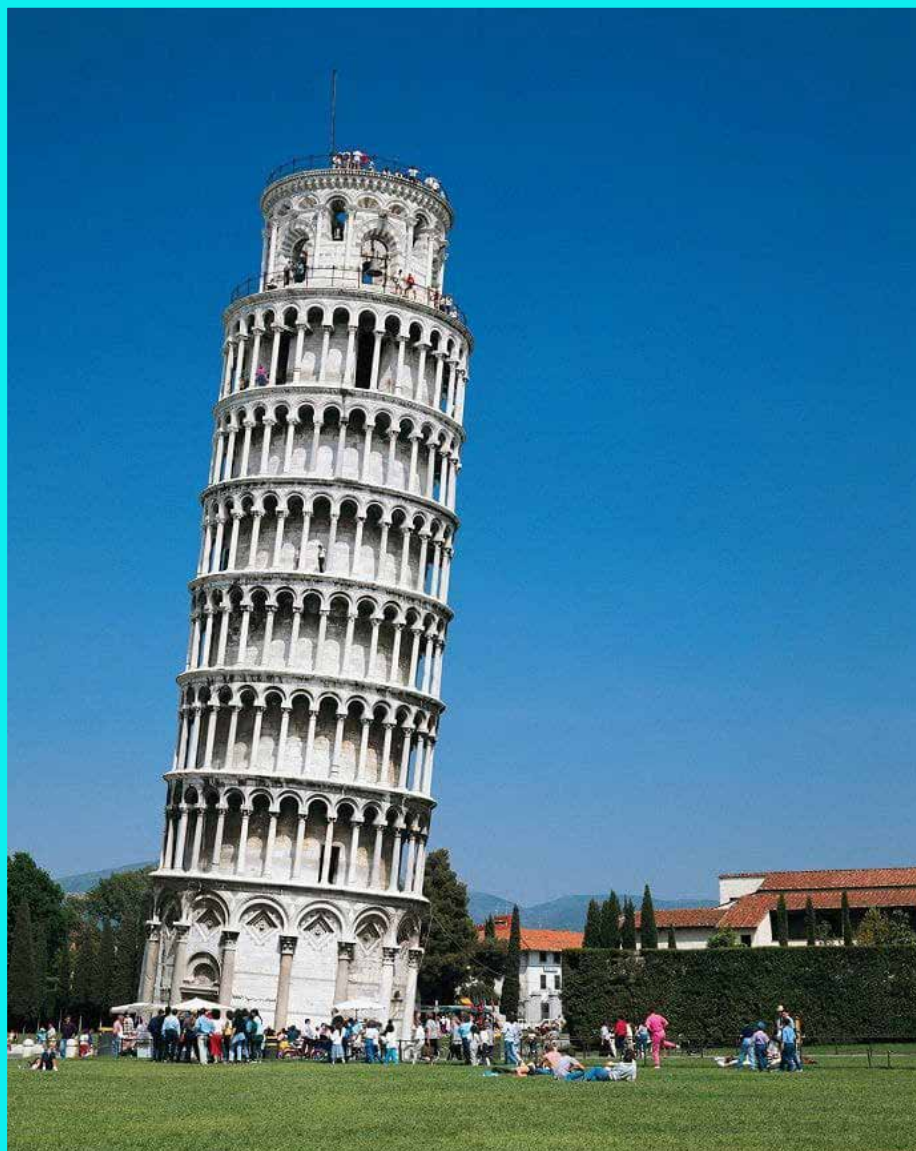
S.NO	Name	Event	Venue	Date
1.	S.Alan Anto Prakash	Paper presentation	Stella Mary's college of engineering	9-3-2018
2.	Irin Swetha	Paper presentation	Stella Mary's college of engineering	9-3-2018
3.	I.R.Nizanth	Paper presentation	Stella Mary's college of engineering	9-3-2018
4.	B.Nithish Nelson	Paper presentation	Stella Mary's college of engineering	9-3-2018
5.	K.Kokila	Paper presentation	Stella Mary's college of engineering	9-3-2018
6.	B.K.Pavithran	Paper presentation	Stella Mary's college of engineering	9-3-2018
7.	J.Sahaya Antony	Paper presentation	Stella Mary's college of engineering	9-3-2018

Sports Activities

Year	Name Of the Award/medal	National /International	Sports/ Cultural	Name of the Student
1.	Badminton	Zonal	Sports	R.Stalin E.Samuel Aaron M.S.Deva

Sports Activities

Year	Name Of the Award/medal	National /International	Sports/ Cultural	Name of the Student
2.	Ball Badminton	Zonal	Sports	S.Pooja M.Nandhini K.Marcelin M.C.Snega Priya S.J.Reshma F.Akash karthikeyan .S E.Samuel Aaron R.Stalin P.Prathap



Editorial Board

Chief Editor : Mr.T.Ragin
Assistant Professor



Co-Editor : Ms . Sorna .K. Jancy Bai
Assistant Professor

Abinesh Roy.A
8th Semester



Jenish.M.P
6th Semester

Arul Jothi.P
8th Semester



Arthi.M
6th Semester



Stella Mary's
College of Engineering

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