



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 - 1

Dec 2017



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 opportunities in research, industry and consultancy both nationally and internationally.
- To provide technical skills, 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 suucessful release of this issue. I am sure that students and faculty will find the content of this edition very interesting and educating. “

- Dr.NAZARETH CHARLES

Stella Mary's
College of Engineering

From the CEO's Desk

“ I am indeed happy to know that the Civil Engineering department has taken initiative in releasing its monthly newsletter and urge faculties and students to make use of the platfoem to share and educate among themselves in publishing article pertaining to the emerging domain and articles of interest. I congratulate the team of editorial community and 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 2018-2019. 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 various academic and extracurricular programmes. I congratulate the editorial committee of the newsletter for their efforts. “

- Mr.P.RENJITHAM

Stella Mary's
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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 very happy to bring out the of the Departmental newsletter. This newsletter outlines various activities that have taken during the period July-December 2018 and the achievements of faculty and students. It is great to find a considerable number of articles, poems and art that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent. Sincerely congratulate the Chairman, Principal, Administrative Officer and editorial team of the department for their unrelenting efforts in compiling this Newsletter. "

- 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

PSO 3 :Able to use latest soft wares 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.I.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



- Jenish.M.P

3rd Semester

C	-	Construction	-	கட்டடம்
I	-	Investigation	-	புலனாய்வு
V	-	Variation	-	வேறுபாடு
I	-	Information	-	தகவல்
L	-	Levelling	-	மட்டஅளவிடுதல்
E	-	Excellent	-	சிறந்த
N	-	Novelty	-	புதுமை
G	-	Genius	-	நுண்ணறிவு
I	-	Intelligence	-	புத்திசாலித்தனம்
N	-	Necessity	-	அவசியம்
E	-	Environment	-	கூழல்
E	-	Eagerness	-	ஆர்வம்
R	-	Rank	-	தரம்
I	-	Infrastructure	-	உட்கட்டமைப்பு
N	-	Nature	-	இயற்கை
G	-	Gratitude	-	நன்றி

- Irin Sweeta.M
5th Semester

In House Events Organised

The Inaugural of Civil Engineering Association, RACE(Rein4z Association of Civil engineering) was conducted on 15.09.2017 which was preside by principal Dr.Suresh Premil Kumar along with our Director Mr.P.Renjitham, HOD Dr.Venkatahkrishnaiah, Chiefguest Er.J.Jeyaraj, all department HOD's, faculty members and civil department students.



The civil engineering association has been started in RACE in order to explore the knowledge of students and faculty members in the state of the art in the field of civil engineering and to help the society and to our college.

The committee members of civil engineering association have been nominated by Dr.R.Venkatahkrishnaiah, Head, Department of Civil Engineering.

The civil engineering association members have been honored by our principal and the pledge taken by them doing with other civil students. Chief guest Er.J.Jeyaraj delivered a valuable speech about current trends and job opportunities in civil engineering field and shared his experience in building construction, methodology in India and in other countries. Our Director Mr.P.Renjitham, Principal Dr.R.Suresh Premil Kumar all department HOD's have greeted the departmental activity.



As part of the inauguration event of Civil Engineering Association, RACE the paper presentation, model making, Quiz, competition was organized on the same day. The model was displayed in the entrance and their working process has been explained by the students, it was a very fine day to explore their model working skill and communication ability to the college, The winners have been selected by our principal and advisor.

Certificates have been distributed to the winners on Engineer's day celebration.

Faculty Coordinator' : T.Ragin

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



Orientation program were conducted for newly joined students in order to improve their skills in communication, basic civil engineering, basic mathematics and various soft skills.

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Value added course/certification course was offered to the students to improve their technical and employability skills. Courses on recent softwares were introduced to equip them to meet the current industrial trends.



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.

Independence day

Independence day was celebrated with a special function. Director hosted the national flag on the day and delivered message on the occasion.



Onam Celebration

Onam is an annual harvest festival celebrated in the Indian state of Kerala, was celebrated on 6th september 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.



Industrial Visit



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Experience Excellence

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.

Student Participation

S.NO	Name	Event	Venue	Date
1.	Sahaya Antony	Paper Presentation	Stella Mary's College Of Engineering	22-08-2017
2.	M.Irin Sweeta	Paper Presentation	Stella Mary's College Of Engineering	22-08-2017
3.	K.Kohila	Paper Presentation	Stella Mary's College Of Engineering	22-08-2017
4.	K.Kohila	Technical Quiz	Stella Mary's College Of Engineering	22-08-2017
5.	A.Abinesh Roy	Quiz	Cadd Centre	10-12-2017
6.	S.Winfred	Quiz	Cadd Centre	10-12-2017
7.	M.Pavithra	Quiz	Cadd Centre	10-12-2017
8.	A.Bency	Quiz	Cadd Centre	10-12-2017
9.	K.Kohila	Quiz	Cadd Centre	10-12-2017
10.	R.T.Priya Dharshini	Quiz	Cadd Centre	10-12-2017

S.NO	Name	Event	Venue	Date
11.	M.Kavitha	Quiz	Cadd Centre	10-12-2017
12.	S.Abinesh	Quiz	Cadd Centre	10-12-2017
13.	J.Sahaya Antony	Quiz	Cadd Centre	10-12-2017
14.	B.Sam Berffin	Quiz	Cadd Centre	10-12-2017
15.	P.Prathap	Quiz	Cadd Centre	10-12-2017

Sports Activities

Year	Name Of the Award/medal	National /International	Sports/ Cultural	Name of the Student
1.	Table Tennis	Zonal	Sports	M.Pazhani Rahul S.Udaya Guru
2.	Badminton	Zonal	Sports	Vigneshwar.A P.Prathap G.Vignesh S.Gokul Karthick R.Reslin K.Sujin M.Krishna Thananth

Editorial Board



Chief Editor : Mr.T.Ragin
Assistant Proffessor



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



Abinesh Roy.A
7th Semester



Jenish.M.P
5th Semester

Arul Jothi.P
7th Semester



Irin Sweeta.M
5th Semester



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