The Newsletter of

DEPARTMENT OF CIVIL ENGINEERING

Vision:

To educate the new generation civil engineers to meet the future technological needs by imparting sound technical knowledge and to improve professional leadership and management quality in public service.

Mission:

- ✓ To enhance and enrich the technical knowledge in civil engineering through teaching-learning process.

- ✓ To educate the student's about the significance of professional and ethical practices.

- ✓ To facilitate the understanding and implementation of innovative ideas through research and development.

- ✓ To develop personal competence among students which will improve their entrepreneurial and managerial skills.

DEPARTMENT ACTIVITIES

FACULTY PUBLICATIONS

1. C. Heltin Genitha, **M. Indhumathi**, "Comparison of Per-Pixel, Sub Pixel and Super Resolution Mapping Techniques to Estimate the Water Spread Area and Capacity of Reservoirs in Chennai City Using Satellite Images", Recent Advances in Earth and Atmospheric Monitoring from Space, Feb 2017.

2. C. Heltin Genitha, **M. Indhumathi**, "Techniques to estimate the reservoir water spread area and Volume using satellite images – a study", Recent Advances in Earth and Atmospheric Monitoring from Space, Feb 2017.

3. C. Heltin Genitha, S. Shanmuga Priyaa, **M. Indhumathi**, S. Sanjeevi, "Super Resolution Mapping of Satellite Images for Reservoir Studies", National Workshop on Reservoir Sedimentation Studies, Trends and Techniques of Measurement and Analysis, pp. 61-73, Feb 2017.

4. **S Sivasankar**, S Preeta Rani, T Bharathy ,K Vedanayaki & MC Sundarraja, 2016, 'Experimental Investigation of CFRP Strengthened HSS Tubes under Axial Compression' International Journal of Earth Sciences and Engineering, Cafet- Innova Technical Society, vol. 09, no.01, pp. 72-75, ISSN 0974-5904

FACULTY DEVELOPMENT ACTIVITIES

1. **Mr. S.P. Senthil Kumar** attended One day National workshop on Introduction to Geopolymer Composite Technology, Organized by Indian Concrete Institute-Chennai Centre, Chennai, on   17-02-2017.

2. **Ms. M. Indhumathi** attended Faculty Development Training Program on Water Resources and Irrigation Engineering, Organized by Jerusalem College of Engineering-Chennai, from 09.05.2017 to 13.05.2017.

CONQUISTA 2017

DISTRIBUTION OF 1472 PLACEMENT ORDERS TO THE PLACED STUDENTS

CONQUISTA'17 – the word that makes us well with pride of our achievement. CONQUISTA is the ceremony of issuing the offer letters to the students recruited through campus placement. It was held on April 8th, 2017 with grandeur. The function was presided by Mr. Singaravelu, Senior Vice President from Cognizant and Mr. Suryanarayanan, Associate Vice President, Infosys Limited who handed over the offer letters to the students in the presence of Dr. B. Babu Manoharan, Chairman & Managing Director, Mrs. B. Jessie Priya & Mr. B. Shashi Sekar, Directors and Dr. Vaddi Seshagiri Rao & Dr. P. Ravichandran, Principals of St Joseph's group of Institutions. Human resources - Campus Hiring from Cognizant and Infosys were also present as 'special invitees'. We are proud to inform that we have achieved a placement record of 1472 so far in this year. It is indeed a golden feather in the cap of St. Joseph's Group of Institutions.

STUDENT ACTIVITIES

To bring out the inherent talent and to overcome the inhibitions of our students, our department encourages students to participate in the technical meets organized by other institutions by presenting papers, participating in technical quizand other competitions.

CIVIL: III YEAR

Name of the Student	Name of the Event	ORGANISER	PLACE
Gokul Vasan M.E.	Model Making	Jerusalem College of Engineering	II
Lavanya N.	Model Making	Jerusalem College of Engineering	II
Madumathi T.	Model Making	Jerusalem College of Engineering	II
Sathyalakshmi G.	Model Making	Jerusalem College of Engineering	II
	Paper Presentation	Jaya Engineering College	III
Sathya Narayanan G.	Technical Quiz	Meenakshi Sundararajan Engineering College	I
Lakshmanan B.	Technical Quiz	Meenakshi Sundararajan Engineering College	I
Bharath D.	Minimilitia	Jaya Engineering College	I
	Room Cricket	Jaya Engineering College	II
Nirmal K.N	Minimilitia	Jaya Engineering College	I
	Room Cricket	Jaya Engineering College	II
	Paper Presentation	Jaya Engineering College	III
Asaam Saatwick Reddy	Minimilitia	Jaya Engineering College	I
Priyanka K.	Paper Presentation	Jaya Engineering College	III
Praveen R.	Room Cricket	Jaya Engineering College	II
Rahul M.	Start up Weekend	College of Engineering (Google)	III

VALUE ADDED COURSES

Value Added Courses are provided to students with an aim to teach and train in programming skills. The goal is to accelerate the programming capability needed for solving scientific and real time problems demanded by the corporate world. Students have options to choose the courses according to their desire and inclination. It is great boon to our students, in expertise various Value Added Courses which enables them to face the formidable challenges.

Year	Value Added Course	Organization / Institute Training the Students	Number of Students Benefited	Date	Significance of the Course
II	E-BOX Training in C Programming	E-Box	43	02.03.2017 to 04.03.2017	Active Learning and assessment platform in C programming.
II	Career Guidance and Motivation Program	Strides Consulting Inc, Chennai	32	02.03.2017 to 04.03.2017	Developing self-motivation and skills for successful career.
III	E-BOX Training in C Programming	E-Box	47	21.01.2017 to 24.01.2017	Active Learning and assessment platform in C programming.
III	Career Guidance and Motivation Program	Strides Consulting Inc, Chennai	25	21.01.2017 to 24.01.2017	Developing self-motivation and skills for successful career.
III	STAAD PRO Software	Estaar Max technologies Pvt. Ltd	68	27.02.2017 to 01.03.2017	To Design any type of structure and share your synchronized model data with confidence among your entire design team using STAAD.Pro.