



**S.A. ENGINEERING COLLEGE,  
CHENNAI – 600 077  
DEPARTMENT OF CIVIL ENGINEERING**

**ACADEMIC YEAR: 2014 - 2015 - NEWS LETTER**

## DEPARTMENT ACTIVITIES

### 1. Guest Lectures organized by the department

Sl. No.	TOPIC	RESOURCE PERSON	YEAR	DATE
1.	Guest Lecture Fundamentals Of Concrete Technology	Dr. K Balasubramanian, Md, Hitech Concrete Solutions Chennai Pvt. Ltd	II Year/Civil	1.4.2014
2.	Guest Lecture Of Basics Of Finite Element Method	Dr. J. Rajashankar Ph.D Head, Shock And Vibration Grop Csir- Structural Engineering Reserarch Centre , Taramani. Chennai-13	III Year/ Civil	3.04.2014
3.	Birth Of Construction	Sri Prithvi Gowtham Consultant Architects And Design	VII Sem	7.07.2014
4.	Foundation	Sri Prithvi Gowtham Consultant Architects And Design	V Sem	10.07.2014
5.	Timeless Stainless Architects And Design	Sri Prithvi Gowtham Consultant Architects And Design	VII Sem	14.10.2014
6.	Tall Structure	Sri Prithvi Gowtham Consultant Architects And Design	VI Sem	18.07.2014
7.	Organic And Green Construction	Sri Prithvi Gowtham Consultant Architects And Design	VI Sem	21.07.2014



## STAFF ACTIVITIES

### 1. Seminars / Conferences / Workshop / FDP attended by the faculty

#### FDPs attended by faculty

- Ms. D. Hemalatha attended International Conference on Green Technology for Environmental Pollution Prevention and Control (ICGTEPC 2014) Period: Sept. 27-29, 2014. Location: National Institute of Technology, Tiruchirapalli
- G. Vinoth Kanna, M. Arvind and S. Kamal Applied Hydraulic Engineering Dec. 9-16, 2014. Location: S.A. Engineering College, Chennai

### 2. FDTP Organised:

FDTP On Applied Hydraulic Engineering – Dec 9-16, 2014, Location: S.A. Engineering College, Chennai

### 2. Publications -Faculty and Students

Guiding Faculty: Prof.S.Seetharaman

S. NO	NAME OF THE CANDIDATE	TITLE OF THE WORK	PROGRESS
1	Smt. Usha Sivasankaran	Optimisation of pipe rack connections	Completed course work and research work is in progress.
2	Smt. P. Angayarkanni	Study on suitability of GFRP reinforcing bars	Completed course work. Research work to start.
3	Sri. R. Pandiarajan	Investigation on alternative materials for cement and sand replacement in concrete.	Completed course work. Research work to start.
4	Sri. R. Alagarsamy	Behaviour of shear walls under extreme loading conditions.	Completed course work. Research work to start.

#### 4. Project proposals

S.No.	Academic Year	Name Of The Faculty	Title of the Paper	Name of the Journal/Conference with vol no , issue no, page no and impact factor,Citation index, SJR, SNIP.h-index
01.	2014-15	Mrs.Hemalatha	“Anaerobic treatment of pulp and paper mill waste water using hybrid upflow anaerobic sludge blanket reactor”	“ International Journal of Innovartive Research in Science, Engineering and Technology”, ISSN (Online): 2319-8753, IJIRSET, Volume 3, Issue 6, June 2014.
02.	2014-15	Mrs.Hemalatha	“Simulated Hydrodynamic Studies of the Model Hybrid Upflow anaerobic sludge Blanket reactor	International Conference on Green Technology for Environmental Pollution Prevention and Control, National Institute of technology, Tiruchirapalli, September 27-29, 2014.
03.	2014-15	Mr.M.Arvind	“Experimental Studies On Confined Steel Concrete Composite Beams Under Pure Bending”	International Journal of research in engineering and technology Eissn:2319-1163/ Pissn :2321-7308
04.	2014-15	Dr.S.Seetharaman	“Experimental Behaviour of double Skin Circular Tubular Steel-Concrete Composite Column”	International Journal of Technology Enhancements and Emerging Engineering Research, Vol. 3, Issue 2, pp. 35-38.

#### 5. Faculty doing research-Internal and external candidates data to be given separately.

Ms. D. Hemalatha, Titled – “Advanced Waste Water Treatment”, Guided by Dr.S.Keerthinarayana and the Experimental investigation is going on.

#### 6. Funded projects and research work

Sl No	Year	Name of the Co-ordinator	Name of the Proposal	Funding Agency Name	Funding Amount	Proposal Sending Date
1	2014-15	Mrs.Hemalatha	Upflow Anaerobic Sludge Blanket Reactor Model In Treatment Of Municipal Wastewater	TNSCST	Rs.9150	28.08.14
2		Mrs.Hemalatha	Sluricks- Bricks in Partial replacement of sludge in powdered form	TNSCST	Rs.8500	28.08.14
3		Mrs.Hemalatha	Simulating The Hydrodynamic Behaviour Of Industrial Wastewater In Anaerobic Reactor	TNSCST	Rs.10,150	28.08.14
4		M.K Thangamani Bindhu	Studies on Geopolymer Concrete curing time & temperature	TNSCST	Rs. 17,000	28.08.14

## STAFF RECRUITMENT

### a) Newly Recruited Faculty

1. Dr. S.Vidhya Lakshmi, Associate Professor and Head
2. Ms. M. Binuvelam, Assistant Professor

### b) Faculty Left

1. Mr. Karthikeyan
2. Ms. Inderlekha

## STUDENT ACTIVITIES

### Placement:

	Company	Students
On campus	Tech Mahindra	Christina Jeba
Off Campus	RRP Housing Pvt Ltd	Krishna kumar.B Navin. R Karthikeyan.L Pondinesh.M.P Bhuvaneshwaran.P Kasthurangan.R

### 1. Industrial visit, educational tour

#### INDUSTRIAL VISIT:

- Department has organized Industrial visit for II year students in Institute of Hydraulics and Hydrology, Poondi , on Dec.20
- Department has organized Training at PWD Building Site work jun13-20, 2014



### 3. Extracurricular Activities –Sports

Sl.no	Academic Year	Event Name	Student name	Year/sem/dept	Level
1	2014-2015	CRICKET	03	III/V/CIVIL	INTER ZONAL
2	2014-2015	TENNIS	01	III/V/CIVIL	INTER ZONAL
3	2014-2015	BALLBADMITON	01	III/V/CIVIL	INTER ZONAL

### Extracurricular Activities-NSS/YRC

SL. NO	ACADEMIC YEAR	EVENT NAME	STUDENT NAME	YEAR/SEM/DEPT
1	2013-2014	BLOOD DONATION CAMP	13	II/IV/CIVIL
2	2013-2014	TREE PLANTATION PROGRAMME	04	II/IV/CIVIL
3	2013-2014	ONE DAY MEDICAL CAMP	03	Staff

S.N O.	DATE	NAME OF THE PROGRAMME	VENUE	ORGANIZED	BENEFICIAL
1	20-09-14	ONE DAY CANCER AWARENESS PROGRAM	Seminar Hall SAEC	NSS/ YRC OF SAEC	All I year students
2	30-10-14	HUMAN CHAIN AWARENESS ON "CLEAN INDIA"	Veeraraghavapuram to Flyover By Pass Road	NSS/ YRC OF SAEC	All I year students & Staff Member