

**DHIRAJLAL GANDHI COLLEGE OF TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING**



**News Letter (2014 - 2015)**

**ABOUT THE DEPARTMENT**

**Vision**

The Department of civil Engineering is equipped with the best of resources to ensure a high quality education to the students. So as to adopt the latest developments in the field of civil engineering to provide the requirement technology to the public.

**Mission**

To provide excellent education to meet the growing demands of industry, research and consultancy in all disciplines of Civil Engineering by developing a conducive teaching-learning environment and to improve the quality and social standards of human life..

- To produce competent Civil Engineers who can tackle the tasks of Civil Engineering which include multiple responsibilities of analysis, design, construction of traditional and modern structures, water resources, transport, urban planning & remote sensing, green and eco friendly concepts in construction industry.
- To establish center of excellence to enhance research with latest soft techniques tools.
- To impart education to meet the demands of changing global needs with value added programs.

## 1.0 STUDENTS ACTIVITIES

### 1.1 Symposium & Other Events :

List of students participated in paper presentation, Science projects, Posters and other events.

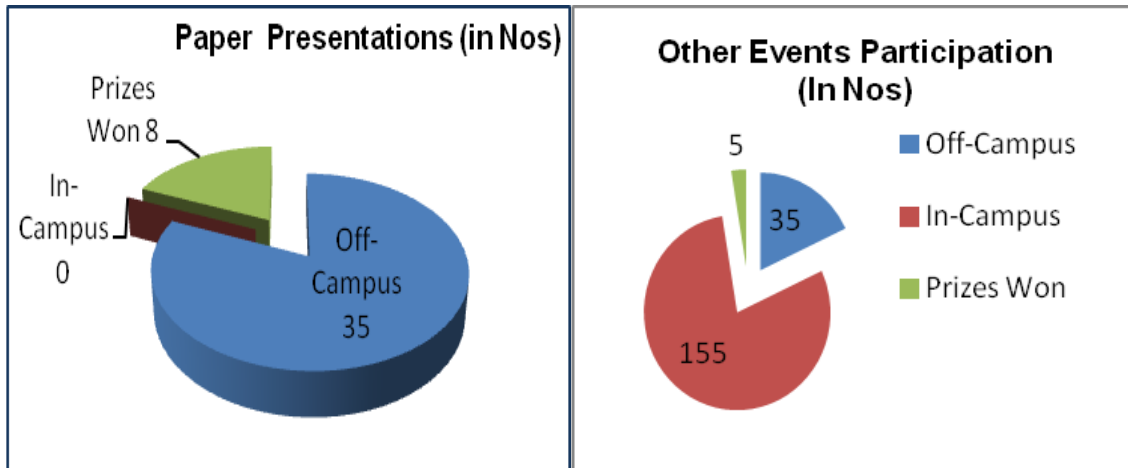
Sl.no	Date	Name of Student	Dept	Topics	Place
1	13,14 & 15/02/2015	Jagadish K R	Civil	Industrial Problem Solving	PSG College of Technology
2	13,14 & 15/02/2015	Dhivya M K	Civil	Hormigon	PSG College of Technology
3	13,14 & 15/02/2015	Monisha K	Civil	Hormigon	PSG College of Technology
4	13,14 & 15/02/2015	Dhivya M K	Civil	Industrial Problem Solving	PSG College of Technology
5	20/02/2015	Nihitha A R	Civil	Paper Presentation	Kondu Engineering College
6	23, 24/01/2015	Poorvaja R	Civil	Paper Presentation	Adhiyamman College of Engineering,Hosur
7	20/02/2015	Santhiya E	Civil	Paper Presentation	Kondu Engineering College
8	20/02/2015	PriyadharshininG	Civil	Paper Presentation	Kondu Engineering College
9	20/02/2015	Nisshitha S	Civil	Paper Presentation	Kondu Engineering College
10	20/02/2015	Siva Sankari	Civil	Paper Presentation	Kondu Engineering College
11	13,14 & 15/02/2015	Ramya N	Civil	Hormigon	PSG College of Technology
12	13,14 & 15/02/2015	Karkuzhali	Civil	Hormigon	PSG College of Technology
13	13,14 & 15/02/2015	Sujitha M	Civil	Hormigon	PSG College of Technology
14	13,14 & 15/02/2015	HareshKumar	Civil	Industrial Problem Solving	PSG College of Technology

15	13,14 & 15/02/2015	Ramya N	Civil	Industrial Problem Solving	PSG College of Technology
16	13,14 & 15/02/2015	Ananda Geethan	Civil	Hormigon	PSG College of Technology
17	20/02/2015	Priya Gayathri	Civil	Paper Presentation	Kondu Engineering College
18	20/02/2015	Anitha S	Civil	Paper Presentation	Kondu Engineering College
19	20/02/2015	Madhumitha R	Civil	Paper Presentation	Kondu Engineering College
20	20/02/2015	Suguna R	Civil	Paper Presentation	Kondu Engineering College
21	20/02/2015	Bogaur Prithiviraj	Civil	Paper Presentation	Kondu Engineering College
22	20/02/2015	Dwarakanath N	Civil	Paper Presentation	Kondu Engineering College
23	20/02/2015	Keerthi Vasam K	Civil	Paper Presentation	Kondu Engineering College
24	13,14 & 15/02/2015	Anjana	Civil	Hormigon	PSG College of Technology
25	13,14 & 15/02/2015	Meivizhi	Civil	Hormigon	PSG College of Technology
26	13,14 & 15/02/2015	Sujitha M	Civil	Hormigon	PSG College of Technology
27	13,14 & 15/02/2015	Dwaralamatj	Civil	Hormigon	PSG College of Technology
28	13,14 & 15/02/2015	Harieshkumar	Civil	Hormigon	PSG College of Technology
29	13,14 & 15/02/2015	Jagadish K R	Civil	Industrial Problem Solving	PSG College of Technology
30	13,14 & 15/02/2015	Sureshkumar	Civil	Hormigon	PSG College of Technology
31	03 & 04/02/2015	Karkuzhali S	Civil	Biofilm Kinetics Treatment in Wasterwater Treatment Process	K.S. Rangasamy College of Technology, Tiruchengode
32	03 & 04/02/2015	Buvaneshan G	Civil	Biofilm Kinetics Treatment in	K.S. Rangasamy College of Technology, Tiruchengode

				Wasterwater Treatment Process	
33	03 & 04/02/2015	Anjana R	Civil	Biofilm Kinetics Treatment in Wasterwater Treatment Process	K.S. Rangasamy College of Technology, Tiruchengode
34	03 & 04/02/2015	Seersha E K	Civil	Biofilm Kinetics Treatment in Wasterwater Treatment Process	K.S. Rangasamy College of Technology, Tiruchengode
35	03 & 04/02/2015	Manjusha K T	Civil	Biofilm Kinetics Treatment in Wasterwater Treatment Process	K.S. Rangasamy College of Technology, Tiruchengode
36	03 & 04/02/2015	Harishkumar V	Civil	Biofilm Kinetics Treatment in Wasterwater Treatment Process	K.S. Rangasamy College of Technology, Tiruchengode
37	05/02/2015	Avin Prakash	Civil	Paper Presentation	AVS Engineering College
38	05/02/2015	Anees Deen	Civil	Paper Presentation	AVS Engineering College
39	12/01/2015	Rohini M P	Civil	Paper Presentation	AVS Engineering College
40	12/01/2015	Obliraj V V	Civil	Paper Presentation	AVS Engineering College
41	02/04/2014	Monisha K	Civil	Paper Presentation	Pannari College of Technology
42	23 & 24/01/2015	Santhiya E	Civil	Paper Presentation	Adhiyamman College of Engineering, Hosur
43	23 & 24/01/2015	Nihitha A R	Civil	Paper Presentation	Adhiyamman College of Engineering, Hosur
44	10 & 13/12/2014	Jenifar Monica	Civil	Non-linear Bending Study of Shear Deformable functionally Graded Plates Using Efficient Finite Element Method	ICCMS
45	12 & 13/11/2014	Vivek Anand M	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology, Salem

46	12 & 13/11/2014	Anandhageethan S	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
47	12 & 13/11/2014	Saravanakumar S	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
48	12 & 13/11/2014	Sangavi S	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
49	12 & 13/11/2014	Yasmin N	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
50	12 & 13/11/2014	Kesavan K	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
51	12 & 13/11/2014	Arunraj R	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
52	12 & 13/11/2014	Jayahari	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
53	12 & 13/11/2014	Sruti Saraswarthi	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
54	12 & 13/11/2014	Shomika	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
55	12 & 13/11/2014	Shinu S	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
56	12 & 13/11/2014	Suwetha E	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
57	12 & 13/11/2014	Indhumathi R	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
58	12 & 13/11/2014	Elamathi V	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
59	12 & 13/11/2014	Poorvaja R	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
60	12 & 13/11/2014	Latha S	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
61	12 & 13/11/2014	Praveen M	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
62	12 & 13/11/2014	Anitha N	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem
63	12 & 13/11/2014	Prasanth M	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology,Salem

64	12 & 13/11/2014	Raghuraman P	Civil	Science & Technology Project	Dhirajlal Gandhi College of Technology, Salem
65	12 & 13/11/2014	Jayashiri R	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
66	12 & 13/11/2014	Indhumath R	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
67	12 & 13/11/2014	Archana J	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
68	12 & 13/11/2014	Indhumathi R	Civil	Building Using Recycled waser Materials	Dhirajlal Gandhi College of Technology, Salem
69	12 & 13/11/2014	Avinprakash	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
70	12 & 13/11/2014	Prem Raj K S	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
71	12 & 13/11/2014	Nazitha N	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
72	12 & 13/11/2014	Hariharan M	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
73	12 & 13/11/2014	Jayachitra N	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
74	12 & 13/11/2014	Jeevitha	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
75	12 & 13/11/2014	Keerthivasan K	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
76	12 & 13/11/2014	Priya Gayathri	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem
77	12 & 13/11/2014	Tamiiarasan K	Civil	Science & Technology Model	Dhirajlal Gandhi College of Technology, Salem



## 2.0 ASSOCIATION ACTIVITIES

- 5 Programmes were conducted during the Academic Year 2014-2015.
- 73 Models were displayed at Science Exhibition and Engineer's Day celebrations.
- Models, Projects And Posters Were Guided To Match Practical Applications

## 3.0 PROJECT WORK

### 3.1 UG Projects

#### PHASE I ( DESIGN PROJECT)

- Projects were selected based on real time applications and involved all stages of construction.
- Methodology adopted by identifying location, basic survey, Design of Sub-structure to suit site conditions, Super structure Planning, Analysis and design of various structural components.

#### PHASE II ( EXPERIMENTAL PROJECT)

- Projects done in Phase I were insisted to continue in all stages of construction Methodology, adopting innovative construction methods with Quality control aspects.

SI.No	Guide Name	Batch Members	Project Title
1.	Dr.M.N.A. Gulshan taj	D. SivaKumar, S. Radhavasana, M.Satheesh Kumar, R.Raj Kumar.	Study on replacement of coarse aggregate by waste rubber tyers
2	Mr. B. Prabu	M. Kishore Kumar, S. Keerthana, A. Srinath	Investigation on strength properties of Rice Husk Ash Based Geo-polymer concrete

3 .	Mr. B. Prabu	J.S. Kishore Kumar, R.Sharmila, K. Gunasekaran,	Performance Evaluation Of Fiber Rein Forced Geo-polymer concrete
4.	Mrs.M.Nithya	A.Boobalan, L.Mohan Raj, S.Thenmozhi, R.Vasanth.	Experimental investigation on mechanical properties of concrete with different types of curing
5.	Mrs.M.Nithya	V. Vijay M.R. Priyadharshini G. Priyanga, S.Soundammal,	Experimental investigation on mechanical properties of fly ash, GGBS replaced concrete with marble powder.
6.	Mr.N.Harish kumar	K.Dhanaraj, R. Balakrishnan, R. Sruthi, G.Suganya,	Experimental investigation on high performance concrete using silica fume, fly ash and super-plasticizer
7.	Ms.P.Jayajothi	E. Devendiran, B.Nithiya, K.Sakthivel, M. Sounder,	Experimental study on strength characteristics of self-curing concrete
8.	Ms.G.Mahalakshmi	R. Shankar A. Mohan Raj N. Vijayaragavan P. Pasupathy	An Experimental investigation on replacement of cement using egg shell and fly ash in concrete.
9.	Ms.G.Mahalakshmi	S. Brindha M. Karthi S. Parthiban A.Sowmiya	An experimental work on partial replacement of coarse aggregate by using rubber tyers in concrete
10	Mr.V.Hariharan	O. Obulakshmi, S. Ashraf Ali Ahamed,	<b>Strengthening of flexural member using GFRP by retrofitting technique.</b>



		L. Karthi, A.S. Dinesh Kumar	
11.	Mr.V.Hariharan	S. Kalaivani, R.Nandhini, K.Manikandan T.Suthakaran,	Experimental investigation on strength of fly ash and saw dust ash as a partial replacement in cement concrete
12.	Mr.G.Silambarasan	P.MohanaPriyan, S.Anbarasan, P.Siva	<b>Development of concrete by replacing granular blast furnace slag for fine aggregate</b>
13.	Ms.K.Dhivya	S. Elakkiya R. Manoj prabhakar A. Fowziya, N. Kavin.	Experimental Study On Replacement Of Coarse Aggregate With Demolition Waste
14.	Ms.K.Dhivya	G.Kishore Kumar A. SriRamPrasath A.R. Manoj, A. Mohammed Parvesh Zubair	Experimental investigation of partial replacement of glass powder as fine aggregate in concrete
15.	Mr.G.Suresh	S. Kalaivani, S.Naveen Pon Sankar, N. Nandha Kumar, S.Vel Murugan.	Experimental investigation on M-Sand with steel fiber in concrete

### 3.2 PROJECTS APPRECIATED DURING VIVA

- Retrofitting of R C. Beams – Guided by Mr V Hariharan
- Construction of wall using interlocking blocks - Guided by Mr G Silambarasan

### 3.3 PG – PROJECTS

#### Phase I

- Students will carry out their project up to methodology thorough Literature survey have been made for all projects .
- Appreciation received for Literature survey from External examiner

## Phase II

- Projects done in Phase I were insisted to continue in all stages of construction Methodology, adopting innovative construction methods with Quality control aspects.

S.N O	NAME	PROJECT TITLE	GUIDE NAME	SOURCES
1	K.Kavipriya (610513413012)	Experimental study on mechanical and dynamic behavior of RC concrete prepared using M-sand with chemical admixtures	Dr.S.Samson	Others
2	R.K.Tharini (610513413021)	Experimental study of the mechanical and dynamic behaviors of a reinforced concrete prepared using quarry dust with mineral admixtures	Dr.S.Samson	Others
3	G.Alamelu	Mix proportions for Self compacting concrete.	Dr.M.N.A.Gulshanta j	SERC
4	J.Jenifar Monica	Steel corrosion	Dr.M.N.A.Gulshanta j	SERC
5	E.ShinyPriyanka	RC design using MAT lab	Dr.M.N.A.Gulshanta j	SERC
6	S.Shruti	Sustainable construction technologies for societal development	Dr.M.N.A.Gulshanta j	SERC
7	S.Tamilarasan 610513413020	Investigation on cold formed steel hat section-under compression	Mrs.S.Narmadha	Others

8	C.Dhineshkumar	A study on mechanical properties of rice husk ash based geopolymer concrete	Mr.B.Prabhu	Others
9	N.Hemalatha	Experimental and analytical investigation on fiber reinforced geopolymer concrete beams	Mr.B.Prabhu	Others
10	N.Lalithakamalam	Experimental and analytical investigation on fiber reinforced geopolymer concrete slab panel	Mr.B.Prabhu	Others
11	A.Arunkumar	Experimental investigation on shear behaviour by using steel and polypropylene fiber in reinforced concrete beams	Mrs.M.Nithya	Title selected from CIT(M & A selected )
12	R.Preethi	An experimental study on lightweight web sandwich panel as a floor and a wall	Mrs.M.Nithya	Others
13	R.Vikraman	Recycled glass as a partial replacement for fine aggregate in selfcompacting concrete	Mrs.M.Nithya	Others
14	R.Gokilapriyadharshini	Comparative study on different types of fibers in concrete	Ms.P.jayajothi	Others
15	R.Karthick	Investigation on self compacting concrete using self curing agents	Ms.P.jayajothi	Others
16	S.Prema	RC design using MAT lab	Ms.P.jayajothi	SERC
17	B.Dhilipkumar	Investigation of local buckling in cold	Mrs.R.Suganya	

		formed steel column		Title selected from GCT
18	R.Kalidass (610513413010)	Study on mechanical property of concrete with GGBS and GBS as partial replacement materials.	Mrs.R.Suganya	Tpoic selected from GCT
19	S.Lokesh	Comparative study on steel and glass fibers in RCC beams.	Mr.S.Suresh	Mukesh and Associates
20	S.Purushothaman	Cost deduction analysis in M60 using alternate materials .	Mr.S.Suresh	Mukesh and Associates
21	N.Gokulnath	Illustrative and experimental study on repair and rehabilitation of concrete structures.	Mr.S.Palaniappan	Mukesh and Associates
22	G.Harri	Experimental investigation of steel scraps fiber reinforced concrete.	Mr.S.Palaniappan	Mukesh and Associates

### 3.4 PG – PROJECTS- PRIZE WON

- **Ms M.SHRUTHI** has won gold medal in 45<sup>th</sup> All India Design Competition which was conducted By **Naitional Design and Research Forum, Bangalore on the topic of "Tubular Structures"**. – Guide by Dr Gulshan Taj

### 4.0 Field visit

- Civil Third Year Students To Mangalapuram Full Climatic Station In Salem Dist on 20.01.2015



Er.R.Rengasamy, Executive Engineer,PWD (Ground Water Division), Salem explaining to students about different measuring equipments

## **5.0 STAFF ACTIVITIES**

### **5.1. Value added courses**

Department has been initiated the value added courses of

1. STADD PRO,
2. ADVANCED AUTOCAD
3. MS PROJECT

and conducted during evening times with the strength of 98 participants and generated the revenue of **Rs. 77,650.**

## 5.2. Workshop Conducted:



Work shop on Overview of Geo-Technical Engineering in Association with Geo-Technical Society Coimbatore Chapter on 01.02.2014  
Resource Persons: Er.D.Manoj Kumar, Managing Director, M&A,Salem  
Dr.PD Arumairaj, Professor, GCT-Cimbatore



Work shop on Overview of Geo-Technical Engineering in Association with Geo-Technical Society Coimbatore Chapter on 01.02.2014  
Resource Person: Dr.R.Guberan, Professor,DGCT accompanied with Er.D.Manoj Kumar, Managing Director, M&A,Salem

### **5.3 Inauguration of Civil Engineering Association on 19.08.2014**



Chief Guest: Mr.C.Ganesan,Project Engineer,M&A,Salem  
Topic: Technical Skills required in the Civil Engineering Projects

### 5.3.1. Valedictory Function of Civil Engineering Association on 27.03.2015



Chief Guest : Mr.Abdul Hameed, Asst.Director(Rtd),PWD-Salem.  
Topic: Water & Sustainable Development

### 5.4 Guest Lecture



Guest Lecture on Reinforced Concrete and Brick Masonry Structures on 25.09.2014  
Dr.M.Anbarasan,Assistant Professor ,GCE-Salem



## 5.5 Faculty Development Training Programme (FDP)



Anna University Sponsored  
Subject: Mechanics of Fluids from 23.06.14 to 29.06.14  
By Team of Experts from various Industries and Institutions

## 5.6 CAREER PROSPECTS IN CONSTRUCTION INDUSTRY



Guest Hosted: Mr. D. P. Das  
Deputy General Manager – HR , L&T Construction on Jan 10 ,2015



Guest Hosted: Mr. D. P. Das  
Deputy General Manager – HR , L&T Construction on Jan 10 ,2015

#### 6.0 Lab.Equipments purchased :

a. Value of equipment purchased during the year 2014-15	<b>Rs.1,86,969.00</b>
b. Value of equipment to be purchased during the year 2014-15	<b>Rs.77,159.00</b>

#### 7.0. Seminar/Workshop/Conference/Attended by the faculty

Sl. No	Name of the staff	Activity	Name of the organizer	Institution / Industry	Date
1.	Dr.M.N.A.Gulsan Taj	Workshop on Introduction to finite element method & Applications	NIT, Trichy	NIT, Trichy	23-24 Jan 2015
		Workshop on Disaster Management & Sustainable Construction	Kongunadu Engg.college, Trichy	Kongunadu Engg.college, Trichy	14 Feb 2015
		Nat. Conference on Role of biotechnology tools & techniques in waste water Management	KSR College of tech, Thiruchengode	KSR College of tech, Thiruchengode	3-4 Feb 2015

		Fifth Int. Conf on Advances in civil Engg Materials & processes	SERC, Chennai	SERC, Chennai	10-13 Dec 2014
		Int. Conference on Advances in civil Engg Materials & processes	CIT, Coimbatore	CIT, Coimbatore	7-9 Jan 2015
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
2.	Ms.P.Jayajothi	FDP on CE 6402 - Strength of Materials	Anna University, Chennai	AVS Engineering College, Salem	Dec 16 – Dec 22, 2014
		FDP on CE 6303 – Mechanics of Fluids	Anna University, Chennai	DGCT, Salem	June 23 – 29, 2014
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
3.	Ms. K.Dhivya	FDP on CE 6303 – Mechanics of Fluids	Anna University, Chennai	DGCT, Salem	June 23 – 29, 2014
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
4.	S.SivaKumar	Workshop on Green co green company rating system	Confederation of Indian Industries(CII), Salem	Hotel Ashwa park, Salem	10 Mar 2015
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
5.	S.Palaniappan	Workshop on Modern ground Improvement Techniques	GCE, Salem	GCE, Salem	14 Mar 2015
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
		FDP on CE 6502 – Foundation Engineering	Vellalar College of Engineering and Technology	Vellalar College of Engineering and Technology Thindal , Erode	June 18 – June 20
6.	T.Vasugi	Workshop on Green co green company rating system	Confederation of Indian Industries(CII), Salem	Hotel Ashwa park, Salem	10 Mar 2015

		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
7.	G.Silambarasan	FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
8.	S.Narmadha	Workshop on Modern ground Improvement Techniques	GCE, Salem	GCE, Salem	14 Mar 2015
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
9.	Mahalakshmi	FDP on CE 6402 - Strength of Materials	Anna University, Chennai	AVS Engineering College, Salem	Dec 16 – Dec 22, 2014
		FDP On Effective Teaching Methodologies	DGCT, Salem	DGCT, Salem	6 Nov 2014
10	M.Nithya	FDP on CE6205 Foundation Engineering	Vellalar College of Engineering and Technology	Thindul, Erode	June 18-June 20, 2015

## 8.0 Publication Details – Conference/Journals/Books

Sl. No	Name of the staff	Title of the Paper	National/ International	Name of Conference/ Journals/Book	Name of the organizer	Period From - To
1.	Mr.B.Prabu	Structural Behaviour of Di-Blended fiber reinforced concrete slab panel	International	JOSE, Chennai	JOSE, Chennai	Dec 13 2014
2.	Dr S Samson	Delineation Of Groundwater Recharge Potential Zones In Namakkal District, Tamilnadu, India Using Remote Sensing And Gis	International	Journal of Indian Society of Remote Sensing	Springer	Accepted - Dec 2014

3.	Ms. M.Nithya	Recycled Glass as a Partial replacement for Fine Aggregate in SCC	International	Journal of Civil Engineering and Environmental Technology	Krishi Sanskriti Publications	April 5 <sup>th</sup>
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## 9.0 Consultancy activities :

a. One Number of consultancy work undertaken and **Rs. 450** earned through consultancy.

Sl.No.	Dept	Name of the Faculty	Title of the consultancy work	Name of the Company/ Organization	Amount	Period From - To
1	Civil	NIL	Compression Test on Concrete cubes	Southern Railways Namakkal	Rs 450	28/07/2014 To 29/07/2014

## 10.0 Department of Civil Engineering has become life member in

- Institution of Engineers, INDIA
- Indian Concrete Institute
- Indian Society for Rock Mechanics

## 11.0 Proposal Sent on Last year 2014

- Seminar grant on "Effective disposal of solid wastes generated from Salem district" to Tamil Nadu State Council Science and Technology (TNSCST).
- Students project scheme on "Development of fiber reinforced composites using coconut wastes: An cost efficient and innovative housing panels" to Tamil Nadu State Council Science and Technology (TNSCST).
- Major research proposal on "Development of 3d FRP laminated sandwich panels for bridge deck applications in India" to University grants Commission (UGC).
- Symposium grant on "Future scenario of composite materials in Indian construction industry" to Department of Science and Technology (DST).
- Two days workshop on "Future scenario of advanced materials in modern construction industry" to Council of Scientific and Research Institute (CSIR).

## **12.0 PROPOSALS IN PROCESS FOR THIS ACADEMIC YEAR**

- Graphical based Health Monitoring Approach for Aircraft Structures using Fiber Bragg Grating – For Academic Research Grant By NI LABVIEW.
- Fatigue Response of Advanced Composite Materials in Space Structures – Respond By ISRO.

## **13.0 PLACEMENT TRAINING AND INTERNSHIP**

- 8 No of Final year students were sent for 15 days Internship in L & T and posted in various real time projects. They have all successfully completed training with good feed back.
- Special Training on Site Supervision has been conducted for candidates selected in M/s **Mukesh & Associates** as a part of Placement Training to cover the area related to real time tasks. Practical Lecture classes and site visits were arranged