



Department of Civil Engineering,  
Gayatri Vidya Parishad College of Engineering (Autonomous),  
Madhurawada, Visakhapatnam – 530 048

### **RESEARCH FACILITIES AVAILABLE IN THE DEPARTMENT**

S. No.	Equipment / Software	Name of the Lab
1	100T Capacity Loading Frame with PLC unit facility	Structural Engineering Lab
2		
3	Tilting Flume / Adjustable Channel	Fluid Mechanics Lab
4	Accelerated Curing Tank	Concrete Technology Lab
5	Vibrating Table	Vibration & Condition Monitoring Lab
6	Skid Resistance Tester	Transportation Engg. Lab
7	Concrete Permeability Apparatus, Three cell model	Concrete Technology Lab
8	De-mountable Mechanical Strain Gauge	Concrete Technology Lab
9	MATLAB	Computer Lab
10	VISSIM 8	Computer Lab
11	MIDAS Civil	Computer Lab
12	STRAP	Computer Lab
13	STAAD Pro	Computer Lab

### **CONSULTANCY WORKS/RESEARCH PROJECTS DURING ACADEMIC YEAR 2016-17**

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount in Lakhs	Duration
Prof.P.Veerabhadra rao	Providing prestressed model toilets to schools under CSP Swatch Bharat Scheme	Consultancy	Visakhapatnam Port Trust	91.24	1Year
Prof.P.Veerabhadra rao	Community toilets to Commissioner office of Police	Consultancy	Visakhapatnam Port Trust	13.42	6Months
Prof.P.Veerabhadra rao	Design Of Louvers	Consultancy	NHAI	5.00	3Months
Prof.P.Veerabhadra rao & Dr.G.Papa Rao	Design of Sewage Treatment plant at Srisailam	Consultancy	IGIAT	3.00	3Months

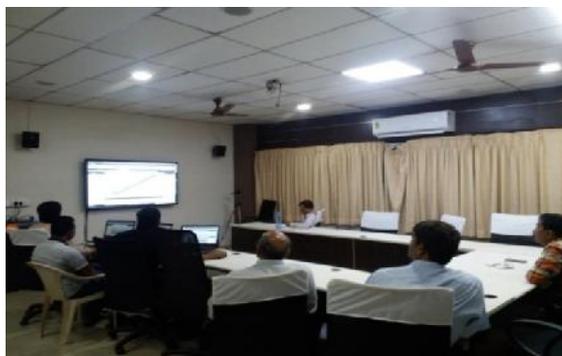
Prof.P.S.Rao& Dr.G.Papa Rao	Deign of additional mooring Facility for Visakhapatnam Port Trust	Consultancy	VCTPL	5.75	4Months
Prof.P.Veerabhadrarao & Dr.G.Papa Rao	Design of Self supported Warehouse for augmentation of Sick line facilities	Consultancy	East Coast Railways	1.97	1Month
Dr.Ch.Ramesh Naidu	Asset Mapping at Panchayat levelusing Bhuvan-Panchayat Mobile application	Consultancy	National Remote sensing centre, ISRO, Hyderabad	8.00	3Months
Dr.G.Papa rao	Design Mix for PIU Works	Consultancy	Panchayatraj department-Bheemunipatnam, Visakhapatnam	0.26	1 Month
Dr.M.Srinivas	Soil Testing	Consultancy	Geomarine dynamics, SS Builders, RK Constructions	0.22	1Month
Dr.V.S.N.Rao Tatavarti	Feasibility studies on photonic systems for environmental Monitoring	Research	Castle Advanced Technologies & Systems (CATS)	20.00	1 Year
Dr.V.S.N.Rao Tatavarti	Feasibility demonstration of design and development of sensor for blade tip clearance measurements	Research	GTRE, Bangalore	9.99	6Months

**INDUSTRY/INSTITUTE INTERACTION WITH A SPECIAL FOCUS ON M.TECH DISSERTATION WORKS**

S.No.	Academic year	Name of the Industry	Title of Dissertation Work
1.	2014-15	CSIR-SERC, Chennai	Experimental and Analytical Studies on Pre-Damaged RC Beams Strengthened with UHSCC Overlay
2.	2015-16	CSIR-SERC, Chennai	Fatigue behavior of pre-damaged RC beams strengthened with UHSCC overlay.
3.		Visakhapatnam Port Trust	Structural system evaluation of jetties
4.	2016-17	CSIR-SERC, Chennai	Characterization of Ternary blended geo polymers.

## **TRAINING PROGRAMMES CONDUCTED:**

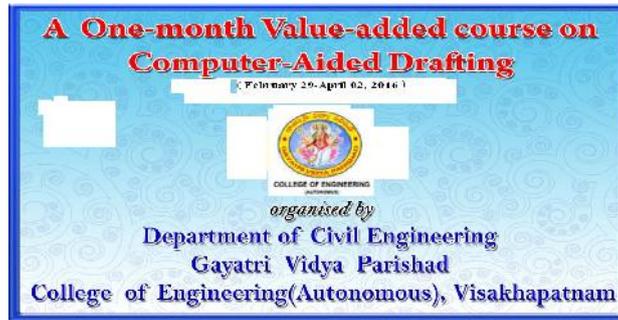
<b>S.No.</b>	<b>Title of the Conferences / Symposia</b>	<b>Date(s) of organization</b>	<b>Organized by</b>	<b>Participants details (Faculty, Students, Industry, etc.)</b>
1	Three day Training program on "MIDAS Civil Software"	22, 23 & 27 <sup>th</sup> February, 2017	Civil Engineering	Faculty, Students
2	Machine Foundation Design with hands on practice	26-09-2016 to 01-10-2016	Civil & Mechanical Engg	Faculty, Students
3	Computer Aided Drafting	29 <sup>th</sup> February 2016 to 2 <sup>nd</sup> April, 2016	Civil Engineering	Faculty, Students, Industry
4	Topographic surveying	3 <sup>rd</sup> -4 <sup>th</sup> October, 2015	Civil Engineering	Faculty, Students,
5	Analysis & design of high rise structures using ETABS software	3 <sup>rd</sup> -8 <sup>th</sup> , December 2014.	Civil Engineering	Faculty, Students,
6	National Conference on "New Trends in Civil Engineering"	18 <sup>th</sup> -19 <sup>th</sup> July, 2014.	Civil Engineering	Faculty, Students,



Three day Training program on "MIDAS Civil Software" on 22, 23 & 27th February, 2017



Machine Foundation Design with hands on practice from 26-09-2016 to 01-10-2016



Value added program on Computer Aided Drafting from 29<sup>th</sup> February 2016 to 2<sup>nd</sup> April, 2016



Value added Program on Topographic surveying on 3<sup>rd</sup> -4<sup>th</sup> October, 2015



Training Programme on “Analysis & Design of High Rise Structures Using ETABS Software” 3<sup>rd</sup> -8<sup>th</sup>, December 2014.



National Conference on “New Trends in Civil Engineering” conducted on 18<sup>th</sup> -19<sup>th</sup> July, 2014.

### **SEMINARS CONDUCTED:**

S.No.	Title of the Conferences / Symposia	Date(s) of organization	Organized by Department	Participants details (Faculty, Students, Industry, etc.)
1	One-day Seminar on “Case Histories of Latest Foundation Technologies”	March 02, 2017	Civil Engineering	Faculty, Students, Industry
1.	Integrated Storm Water modeling using SWMM(Storm Water Management Model) Software- A Case Study In Chennai	16 <sup>th</sup> December 2015	Civil Engineering	Faculty, Students, Industry
3.	Empowering passion through skill development	3 <sup>rd</sup> December 2015	Civil Engineering	Faculty, Students, Industry



One-day Seminar on “Case Histories of Latest Foundation Technologies” on March 02, 2017

### **GUEST LECTURES ORGANISED BY THE DEPARTMENT FROM INDUSTRY/INSTITUTIONS**

S.No.	Name of the faculty	Title of the Conferences / Symposia	Date(s) of organization	Organized by Department	Participants details
1.	Mr. K. Viswanath Allamraju	Structural Health monitoring & Experimental modeling	14 <sup>th</sup> – 16 <sup>th</sup> November, 2016	Civil Engg	Faculty & Students.
2.	Mr. Vinod Kulkarni	Advanced Formwork Technology	19 <sup>th</sup> October- 2016	Civil Engg	Faculty & Students.

3.	Dr Jagadish Vengala	Self-compacting concrete and Bamboo Reinforced Technology	17 <sup>th</sup> September, 2016	Civil Engg	Faculty & Students.
4.	V. Sandeep Chowdary & V. Sai Kiran	Present scenario in construction industry and career guidance	29 <sup>th</sup> August,2016	Civil Engg	Faculty & Students.
5.	Dr. A.Srinivas	Infrastructure Resilience and Sustainability with Advanced Materials	1 <sup>st</sup> August 2016	Civil Engg	Faculty & Students.
6	Prof. M.R.Madhav	Characterisation of ground by Insitu tests	21 <sup>st</sup> January, 2016.	Civil Engg	Faculty & Students.
7	Mr. M.N. Shariff	Understanding Design and its stages	05 <sup>th</sup> June, 2015	Civil Engg	Faculty & Students.



Guest Lecture by Dr. Jagadish Vengala, HOD & Associate Professor, BMS Institute of Technology, Bangalore on “Self-compacting concrete and Bamboo Reinforced Technology”



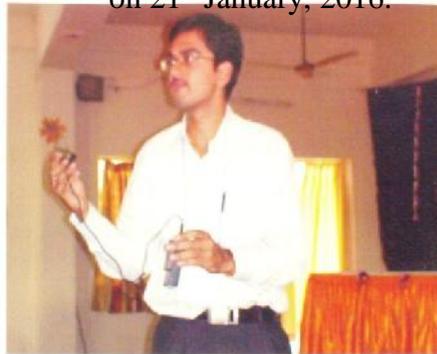
Guest Lecture on “Infrastructure Resilience and Sustainability with Advanced Materials” on 1<sup>st</sup> August 2016 by Dr. A.Srinivas, Associate professor, Civil, Washington State University, USA



Motivation lecture by Alumni students Sri V. Sandeep Chowdary & V. Sai Kiran Senior Engineers, L&T constructions, on “Present scenario in construction industry and career guidance”



A Guest lecture given by Prof. M.R.Madhav on “Characterisation of ground by Insitu tests” on 21<sup>st</sup> January, 2016.



Mr. M.N. Shariff, Design Engineer, V.M.S. Consultants Pvt. Ltd., Mumbai delivered a Guest Lecture to M.Tech students on “**Understanding Design and its stages**” on 05<sup>th</sup> June, 2015.

**Senior Faculty Members of the Department:**

[Prof.P.Veerabhadra rao](#)

[Dr.P.Krishnam Raju](#)

[Dr.G.Papa rao](#)

[Dr.L.Venkat](#)

[Sri K. Padmanabham](#)

[Prof.A.Kameswara rao](#)

Dr.Srinivas Manchikanti

[Dr.Ch. Ramesh Naidu](#)

[Sri.K.Sridhar](#)