



DEPARTMENT OF CIVIL ENGINEERING  
SREE VIDYANIKETHAN ENGINEERING COLLEGE (AUTONOMOUS)  
Sree Sainath Nagar, Tirupati – 517 102, A.P.

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**One Day Workshop for B.Tech. 8<sup>th</sup> Semester Students on  
PRECAST CONSTRUCTION TECHNOLOGY AT BRIGADE ORCHARDS,  
BENGALURU  
17<sup>th</sup> December 2016**

The Department of Civil Engineering of Sree Vidyanikethan Engineering College has arranged a One Day Workshop for B.Tech. 8<sup>th</sup> Semester Students on “**Precast Construction Technology**” at **Brigade Orchards, Devanahalli, Bangalore on 17<sup>th</sup> December 2016**, sponsored and organized by **BCV Precast, BCV Developers Pvt. Ltd., Brigade Group, Bangalore**. The objective of this program is to impart the practical knowledge of precast construction which is an emerging technology in the field of civil engineering. This program helps the students to understand the technicalities of this field and making them aware of the advancements in fast track construction therein.

20 Students from 8<sup>th</sup> Semester of B.Tech. Civil Engineering participated in the workshop along with three faculty members: Mr. D. V. Purushotham, Mr. M. Gokulnath and Ms. K. Dhivya, Assistant Professors of Department of Civil Engineering, Sree Vidyanikethan Engineering College.

Eminent engineers from BCV Precast, BCV Developers Pvt. Ltd., Brigade Group, Bangalore: Mr. M.G. Ganapati, Vice President; Mr. Loganathan, Safety and Quality Control Engineer; Mr. Karthik, Planning and Design Engineer; Mr. Anoop, Sales and Marketing; and Mr. Venkatesh, Site Engineer were part of the workshop.

The inaugural of workshop started with Morning Prayer and pledge which is the custom of Brigade Group. Mr. Venkatesh, Site Engineer, delivered the introduction of Brigade Orchards, a residential project of Brigade Group; Mr. Loganathan delivered the Safety and Quality Control Procedures followed in the site; Mr. Karthik, Planning and Design Engineer, explained about the design, planning and production of precast units in Brigade Orchards.

The various process involved in precast construction like fabrication of moulds based on design drawings, binding of reinforcement, casting of elements with MEP services, application of curing compound, stocking, transportation to site, erection of wall panels, alignment and grouting, erection of slab and finishing was explained by Mr. Venkatesh, Site Engineer, Mr. Gowda, Fabrication Incharge and Mr. Patil, Site Engineer during the precast plant visit and site visit.

Mr. M. G. Ganapati, Vice President gave a presentation on the importance of Precast Construction Technology and interacted with the students to know about their understanding and awareness acquired during the workshop. All the students were issued certificates and those who gave smart ideas during the talk were encouraged with prizes from BCV Precast.

On the whole, the one day work shop has proved successful. Purpose of the workshop is fulfilled and all the participated students and faculty are benefitted.

Photographs of various stages of the workshop are as follows.

Mr. D. V. Purushotham  
Coordinator  
Assistant Professor

Dr. O. Eswara Reddy  
Convener  
Professor & BOS Chairman

Dr. M. V. Subba Reddy  
Head of the Department



Inaugural of the workshop with prayer and pledge at Brigade Orchards, Bengaluru



Mr. Loganathan, Safety and Quality Control Engineer delivering a presentation on Safety and Quality Control Procedures followed in Brigade Orchards



Mr. Karthik, Planning and Design Engineer delivering a presentation on Design, Planning and Production of Precast Elements followed in Brigade Orchards



Mr. Venkatesh, Site Engineer explains the Binding of Reinforcements with MEP Provision in Precast Panel at Precast Yard



Mr. Venkatesh, Site Engineer and Mr. Patil, Site Engineer, Explains The Erection Procedure of Precast Panels and Connections in Juniper Block at Brigade Orchards



Mr. M. G. Ganapati, Vice President, BCV Precast talks about Precast Construction Techniques followed in Brigade Orchards



A team of faculty on behalf of Department of Civil Engineering, Sree Vidyanikethan Engineering College receiving a memento from Mr. M. G. Ganapati, Vice President, BCV Precast



Group Photo of participants with Brigade Team at Brigade Orchards, Bengaluru