

BRIEF REPORT
ON
One Day Technical Seminar on “**RECENT TRENDS IN CEMENT
MANUFACTURING**”
14th October 2019

Prepared By
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Associate Professor

Submitted By
The Department of Civil Engineering
School of Mechanical and Construction
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Brief Report
on
One Day Technical Seminar on “RECENT TRENDS IN CEMENT
MANUFACTURING”

Introduction:

The Vel Tech Institution is founded and nurtured to greater heights by the philanthropist couple, Col. Prof. Vel Dr. R. Rangarajan, Founder Chancellor & President and Dr. Sagunthala Rangarajan, Foundress President. The quality pedagogy which nurtures the students and excellence in Research at the Institution have been recognized and endowed with several awards.

The Institution offers programmes in Engineering, Management, Media and Law. The Institution has made distinctive progress since 1997, by adopting the unique and trending educational methodologies. Vel Tech is the first member from India to adopt CDIO (Conceive-Design-Implement-Operate), which is a worldwide framework which aims to produce the next generation engineers. Vel Tech has been ranked as First in India and 74th in the world by Times Higher Education World Young University Ranking 2016-2017 and 43rd in Asia by Times Higher Education Asia University Ranking 2017. The TBI (Technology Business Incubator) of Vel Tech is recognized as the Center of Excellence under NIDHI by the Government of India. Vel Tech International Relations has collaboration with more than 390 Institution across 30 countries and Memorandum of Understanding (MoU) with 120 Institutions for various academic and research exchange activities.

About the Seminar:

There are many factors that affect the quality of cement particularly its composition and microstructure. This effect is rather complex and depends on several factors such as the mutual ratios in clinker minerals that affect strength development. Good understanding on the composition and microstructure of cement is the key to understand the causes of many cementitious problems, and how to prevent them. In order to maintain the quality, safety, competitiveness and sustainability of the cement and construction industries, standards play an eminent role in providing the acceptable requirements, specifications, guidelines or characteristics of the product. This one-day seminar disseminate the knowledge and up-date the industry and public on the latest technology relating to testing of cement.

Resource persons:

The Resource persons who are specialist and experts in the field of Civil engineering were invited for lecture sessions. Two technical experts had presented their lectures.

Resource Person:

Mr. R. SIVARAMAKRISHNAN

Technical Manager, JK Cement Ltd, Chennai.

Mr. R. ARUNACHALAM

Zonal Head - Technical (South India),

JK Cement Ltd, Chennai.

Valedictory session:

The valedictory session took place at 4.00 pm on the same day. **Col. Prof. Dr. Vel. R. Rangarajan** Founder Chancellor & President, **Dr. Sagunthala Rangarajan** Foundress President, **PATRON Dr. V. S. S. Kumar** Vice Chancellor (Officiating) presided over the function. Dr. E. B. Perumal Pillai - Professor and Head/Civil and Dr. S. Kandasamy Assistant professor spoke on the occasion. Participants have given the oral feedback highlighting the pros and cons of the programme.

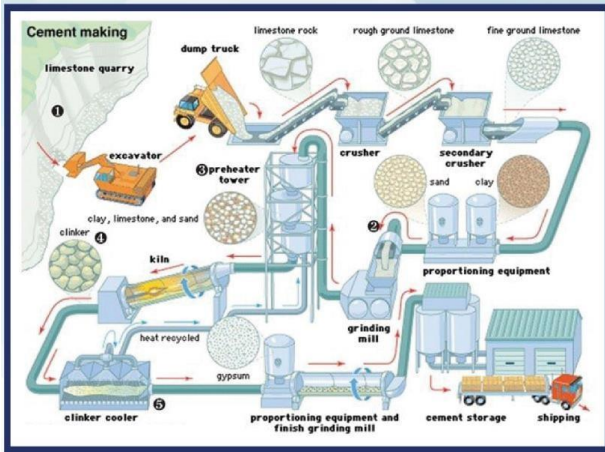
LIST OF FACULTIES

S. No	VTU No	Name of the Faculty
1.	2596	Dr. PerumalPillai E.B
2.	1992	Dr. S. Suppiah
3.	2310	Dr. S. Samson
4.	2591	Dr. A. GeethaSelvarani
5.	2306	Dr. K. R. AswinSidhaarth
6.	2420	Dr. S. Yuvaraj
7.	2677	Dr. Vinod Kumar M.
8.	2353	Dr. Kumar G
9.	2867	Dr. S. Kandasamy
10.	2576	Dr. J. Logeshwari
11.	2801	Dr. K. Tamilarasan
12.	2815	Dr. S.P. Saravanan
13.	2871	Dr. S. Selvakumar
14.	2084	Ms. S. Sivaranjani
15.	2120	Mr. R. M. Saravana Kumar
16.	2194	Mr. R. Veerakumar
17.	2203	Mr. T. Nelson PonnuDurai
18.	2215	Mr. R. Robert Singh
19.	2298	Mr. S. Baskar
20.	2318	Mr. R. Saravanakumar
21.	2327	Mr. T. Udhaya Kumar
22.	2430	Mr. M. Bharath
23.	2477	Mr. C. Balaji
24.	2547	Mr. M. Sridhar
25.	2631	Ms. G. Divya



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(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

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A Technical Seminar on Recent Trends in Cement Manufacturing

14th October 2019 | Wright Brothers Hive

Chief Guest & Resource Person

Mr. R. ARUNACHALAM
Zonal Head - Technical (South India),
JK Cement Ltd, Chennai.

Resource Person

Mr. R. SIVARAMAKRISHNAN
Technical Manager,
JK Cement Ltd, Chennai.

Organised by
The Department of Civil Engineering | School of Mechanical and Construction

P.No.: 5460

ABOUT THE INSTITUTE

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ABOUT THE DEPARTMENT

The Department of Civil Engineering was established in the year 2009 with an aim of promoting high quality education. The department currently offers B.Tech Programme in Civil Engineering (collaborated with National Ilan University, Taiwan) and four M.Tech programmes in Structural Engineering, Construction Engineering Management, Environmental Engineering and Geotechnical Engineering.

The department also offers Ph. D programmes in all areas. The department has well qualified and experienced faculty members with Ph. D. and members in various professional societies. The department engaged with many consultancy jobs and applied research work.

ABOUT THE SEMINAR

There are many factors that affect the quality of cement particularly its composition and microstructure. This effect is rather complex and depends on several factors such as the mutual ratios in clinker minerals that affect strength development. Good understanding on the composition and microstructure of cement is the key to understand the causes of many cementitious problems, and how to prevent them. In order to maintain the quality, safety, competitiveness and sustainability of the cement and construction industries, standards play an eminent role in providing the acceptable requirements, specifications, guidelines or characteristics of the product. This one-day seminar disseminate the knowledge and update the industry and public on the latest technology relating to testing of cement.

RESOURCE PERSONS

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CO-ORDINATORS

Dr. S. Kandasamy
Assistant Professor

Mr. R. Veera Kumar
Assistant Professor



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A National Seminar
On
"Recent Trends in Cement Manufacturing"



Organized by
DEPARTMENT OF CIVIL ENGINEERING
SCHOOL OF MECHANICAL AND
CONSTRUCTION

In association with



INDIAN CONCRETE INSTITUTE
VEL TECH STUDENT CHAPTER, CHENNAI

14th October, 2019
Venue: Wright Brothers Hive,
Vel Tech Chennai

Technical Session on National Seminar

