



**V R SIDDHARTHA ENGINEERING COLLEGE**  
(Autonomous)  
**Department of Civil Engineering**



Dt: 21.10.2020

**Circular**

This is to inform all the students who are the members of Indian Concrete Institute (ICI) student Chapter of this college that the details of the student Executive Council formed after scrutiny are as under:

**Details of Student Executive Council, ICI-VRSEC-Student Chapter:**

S.No.	Name & Roll. No	Year of Study & Section	Position in Student Executive Council
1	K. JaswanthSai (178W1A0125)	IV/IV Sec-A	President
2	NallanChakravarthiSreeMahathi (178W1A0196)	IV/IV Sec-B	Vice President
3	KolukulaNavya (178W1A0183)	IV/IV Sec-B	Secretary-1
4	DonepudiJyothisnaSree (178W1A0175)	IV/IV Sec-B	Secretary-2
5	Md. Raashid Hussain (188W1A0196)	III/IV Sec-B	Joint Secretary-1
6	YaminiAthota (188W1A0158)	III/IV Sec-A	Joint Secretary-2
7	Jaya Chandra Sai Prakash Yerra(188W1A0117)	III/IV Sec-A	Treasurer-1
8	M. Anil Kumar (188W1A01E9)	III/IV Sec-C	Treasurer-1
9	GodaTejaswini (188W1A0113)	III/IV Sec-A	Student-Coordinator
10	AtlaGeethika (188W1A0103)	III/IV Sec-A	Student-Coordinator
11	DasariGeethika (188W1A0108)	III/IV Sec-A	Student-Coordinator
12	KonalaKathyayani (188W1A0124)	III/IV Sec-A	Student-Coordinator
13	Anguluri Devi Aneesha (188W1A0102)	III/IV Sec-A	Student-Coordinator
14	DivvelaDivyaPrincitha (198W5A0101)	III/IV Sec-A	Student-Coordinator
15	VemulapalliSweasithaSree (188W1A0155)	III/IV Sec-A	Student-Coordinator
16	Savarapu Nikhil Roshan (188W1A0146)	III/IV Sec-A	Student-Coordinator

The above committee members are requested to meet the faculty coordinators (Dr. P.Poluraju and Dr.K.Hanuma) for further proceedings.

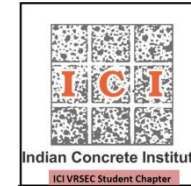
(Dr.Ch. Srinivas)  
Prof. & Head, CE Dept.

CC: To

1. N.B
2. To be read in all CE Classes
3. ICI File



**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**



**Indian Concrete Institute (ICI)-Student Chapter-VRSEC -Activities AY 2020-2021**

S.No	Professional Chapter	Type of Event	Date	Event Name	Participants	International/ National/State	Outcome/Impact
1	ICI-VRSEC	Faculty Development Programme	17/07/2020 – 21/07/2020	“Advances in Building Designs: Pre Engineered Design Methodology and Limit State Design Applications”	70	National	To gain the knowledge of Pre-Engineered Building design calculation with relevant Indian Standards. <ul style="list-style-type: none"> <li>• After completion of the courses the students will gain knowledge of Pre-Engineered design calculation with relevant Indian Standards</li> <li>• Students will develop skill of converting client’s requirement to structural drawing by using ETABS.</li> </ul>
2	ICI-VRSEC	Webinar	19/02/2021	“REINVENT ”	80	State	Sooner or later, all businesses, even the most successful, run out of room to grow. Faced with this unpleasant reality, they are compelled to reinvent themselves periodically. The ability to pull off this difficult feat, to jump from the

							maturity stage of one business to the growth stage of the next, is what separates high performers from those whose time at the top is all too brief.
3	ICI-VRSEC	Guest lecture	29/01/2021	"In Search of Humanistic Built Environment"	50	State	Humanism stresses the importance of human values and dignity. It proposes that people can resolve problems through the use of science and reason. Rather than looking to religious traditions, humanism instead focuses on helping people live well, achieve personal growth, and make the world a better place.
4	ICI-VRSEC	Guest lecture	14/06/2021	"Sustainable Structural Concrete"	150	State	Engineers must apply forethought into direct and meaningful action throughout our development practices. Sustainable designs must be used as alternatives and as better approaches to traditional designs. The impacts of every design choice on the natural and cultural resources of the local, regional, and global environments must be recognized in the new design approaches developed and used by the cement and concrete industries.

## **A Report on One Day Workshop on “Pre-Engineered Buildings” by Civil Engineering Department on 10<sup>th</sup> January 2020@V R Siddhartha Engineering College, Vijayawada**

The Civil Engineering Department, V R Siddhartha Engineering College has organized One Day Workshop on “Pre-Engineered Buildings” on 10<sup>th</sup> January 2020 at Seminar Hall, VRSEC. In this one-day workshop around 200<sup>+</sup> students of U.G., P.G., Ph.D. scholars and Faculty were participated from V R Siddhartha Engineering College, Prasad V. Potluri Siddhartha Institute of Technology, K L Deemed to be University, Usha Rama College of Engineering and Technology, KKR and KSR Institute of Technology and Sciences and Lakki Reddy Bali Reddy College of Engineering.

- Dr. B. Panduranga Rao, Professor & Dean (Student Affairs), Department of Civil Engineering, VRSEC addressed the gathering. He talked about present scenario of Civil Engineering. Also, talked about importance of Pre-Engineered Buildings and Prefabricated Structures.

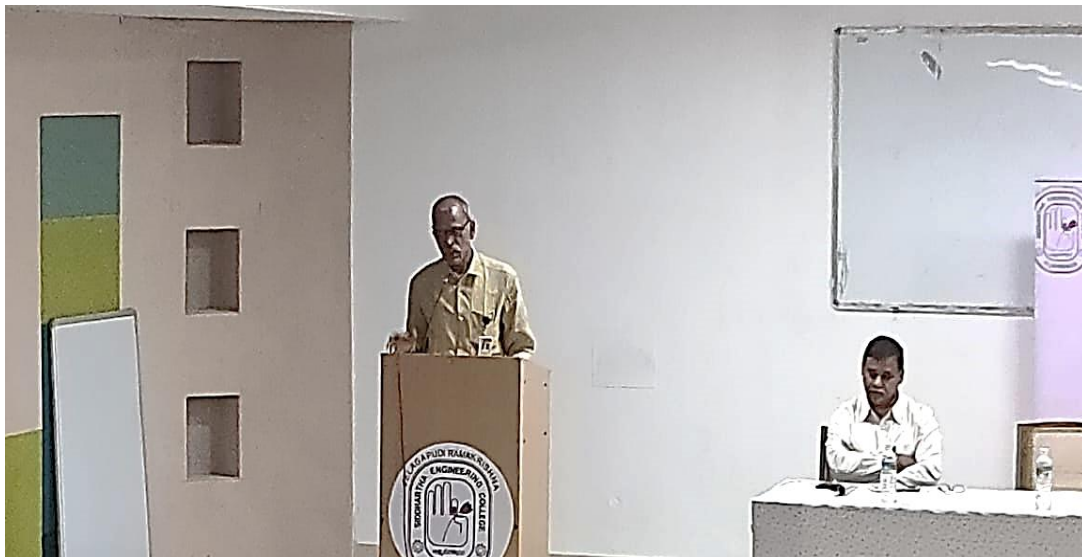


- Dr. Ch. Srinivas, HoD-CE, VRSEC addressed the gathering and welcomed the guest speaker. Also, welcomed the students and faculty participant from different colleges and universities. He talked about the importance of the workshop. How best it is

going to be useful to the participants. Also, appreciated the all student organising committee and department faculty coordinators.



- Sri. V. Ramesh, Associate Professor, Department of Civil Engineering, VRSEC addressed the gathering and welcomed the guest speaker. Also, welcomed the students and faculty participant from different colleges and universities. He talked about the present demand on pre-engineered buildings. Also, expressed that he wants to attend this workshop throughout the day without fail. Also, encouraged all participants to attend without fail and mentioned that, make use of this wonderful opportunity.



- Dr. P. Poluraju, ICI- Faculty Coordinator, Civil Engineering Department, VRSEC & Chairperson, ICI Vijayawada Centre & Coordinator of Workshop welcomed the

gathering and outlined the schedule of One Day Workshop on “Pre-Engineered Buildings”.



- Sri. Mohammad Rahmatulla, Sr. DGM, Pebs Pennar Limited, Kondapur, Hyderabad, Guest Speaker have delivered expert talk on “Pre-Engineered Buildings Design Methodologies” in One Day Workshop on “Pre-Engineered Buildings” on 10<sup>th</sup> January 2020 at Seminar Hall, VRSEC. Sri. Mohammad Rahmatullahas emphasized in his delivery on very good topics such as PEB design guidelines, important clauses of IS 800:2007 related to PEB design, wind loads on PEB etc.





- Dr. P. Poluraju, Sr. Assistant Professor, Department of Civil Engineering, VRSEC have delivered expert lecture on “Pre-Engineered Building System” in One Day Workshop on “Pre-Engineered Buildings” on 10<sup>th</sup> January 2020 at Seminar Hall, VRSEC. Dr. P. Poluraju, has emphasized and covered in his delivery on very good topics such as PEB design methodology, compression members design methodology, design of members subjected to bending, design of members subjected to shear, crane systems, mezzanine systems, bracing systems and STAAD Pro commands & procedure of PEB design.



## Few Glimpses of Workshop





**DEPARTMENT OF CIVIL ENGINEERING**  
**V R SIDDHARTHA ENGINEERING COLLEGE**

**Guest lecture Report**


<b>Event</b>	Guest lecture on "REINVENT"
<b>Guest speaker</b>	Shilpjit Kaur, Chief Manager, Human Resources, SIMPLEX INFRASTRUCTURES LIMITED, New Delhi
<b>Date</b>	19.02.2021
<b>Beneficiaries</b>	4/4 & 3/4 B.Tech students (152)
<b>Highlights</b>	Mrs Shilpjit Kaur addressed students regarding Reinvent themselves. She highlighted Types of hiring – campus, lateral, vertical. Illustrated differences between Invention and reinvention. Highlighted the needs of industry and explained about Trainable, Complacency and KASH (Knowledge attitude skills habit) and Skill development demonstrative learning. At the end of session students have interacted regarding industry expectations.


**VRSEC**  
VELA GAJUDI RAMAKRISHNA  
SIDDHARTHA ENGINEERING COLLEGE  
Established in 1977  
Approved by Maharashtra Academy of General & Technical Education

**DEPARTMENT OF CIVIL ENGINEERING**

**Webinar on REINVENT**

**Time: 10-11am, 19th February 2021**

 Meeting ID: 962 0362 5294  
Passcode: 118214

 Indian Concrete Institute

**Organized by**  
Department of Civil Engineering and  
ICI VRSEC Student Chapter

**Shilpjit Kaur**  
Chief Manager HR  
Simplex Infrastructures Limited



**A Report on Guest Lecture by “Ar. Ch. Anil Kumar, Associate Professor, School of Planning and architecture, Vijayawada on “In Search of Humanistic Built Environment” organised by ICI VRSEC Student Chapter, Civil Engineering Department on 29<sup>th</sup> January 2021 @ V R Siddhartha Engineering College, Vijayawada**

The Indian Concrete Institute-V R Siddhartha Engineering College Student Chapter (ICI-VRSEC Student Chapter, Civil Engineering Department, V R Siddhartha Engineering College has organized guest lecture by Ar. Ch. Anil Kumar on “In Search of Humanistic Built Environment” on 29<sup>th</sup> January 2021 at Seminar Hall, VRSEC. In this one-day workshop around 100<sup>+</sup> students of U.G., P.G., Ph.D. scholars and Faculty were participated from V R Siddhartha Engineering College.



Velagapudi Ramakrishna  
Siddhartha Engineering College  
(Autonomous) Vijayawada 520007

ICI  
Indian Concrete Institute

**Welcome  
to**

Guest lecture on  
In Search of Humanistic Built Environment



**Mr Ch Anil Kumar**  
Associate Professor,  
School of Planning & Architecture  
Vijayawada

Time: 3.45 pm 29.01.2021  
Venue: CE Seminar Hall

Organized by  
Indian Concrete Institute VRSEC Student Chapter,  
Department of Civil Engineering

- Dr. Ch. Srinivas, HoD-CE, VRSEC addressed the gathering and welcomed the guest speaker. Also, welcomed the students and faculty participant from Civil Engineering Department. He talked about the importance of the guest lecture. How best it is going to be useful to the participants. Also, appreciated the all student organising committee and department faculty coordinators.
- Dr.P. Poluraju, ICI- Faculty Coordinator, Civil Engineering Department, VRSEC & Chairperson, ICI Vijayawada Centre & Coordinator of Guest Lecture, welcomed the gathering and introduced the Expert Speaker “Ar. Ch. Anil Kumar” to the all participants.
- Ar. Ch. Anil Kumar, Associate Professor, School of Planning and architecture, Vijayawada, Guest Speaker have delivered expert talk on “In Search of Humanistic Built Environment” on 29<sup>th</sup> January 2021 at Seminar Hall, VRSEC. Ar. Ch. Anil Kumar has emphasized in his delivery on very good topics such as Who are we?,



Where are we?, We are under process of time only?, Time-Space-Order & Dynamics?. Also, talked about famous Architects throughout the world and their contributions to the society, perception, eco cultural traditions, and energy. At final, he talked about few completed and ongoing architectural projects and their significance and his involvement in those projects etc.



**“Few Glimpses of Guest Lecture on 29<sup>th</sup> January 2021”**



# Guest lecture on "Sustainable Structural Concrete"

The banner features the VRSEC logo (Velagapudi Ramakrishna Siddhartha Engineering College, established 1977) and the Department of Civil Engineering. The title 'Guest Lecture on "Sustainable Structural Concrete"' is prominently displayed. The time is listed as 9.30-10.30am on 14th June 2021. Zoom meeting details include ID 943 5078 7954 and passcode 780726. The event is organized by the Department of Civil Engineering and the ICI VRSEC Student Chapter. The speaker is Dr. P. Poluraju, P.h.D. (IIT-Madras), Professor at CED-KLU and ICI Chair Person at Vijayawada Center-A.P, India. The Indian Concrete Institute (ICI) logo is also present.

## **Objective:**

Engineers must apply forethought into direct and meaningful action throughout our development practices. Sustainable designs must be used as alternatives and as better approaches to traditional designs. The impacts of every design choice on the natural and cultural resources of the local, regional, and global environments must be recognized in the new design approaches developed and used by the cement and concrete industries.

## **Outcome:**

On Successful completion of the Guest lecture on "Sustainable Structural Concrete" Students able to understand the:

Sustainability is important to the well-being of our planet, continued growth of a society, and human development. Concrete is one of the most widely used construction materials in the world. However, the production of portland cement, an essential constituent of concrete, leads to the release of significant amounts of CO<sub>2</sub>, a greenhouse gas !GHG"; production of one ton of portland cement produces about one ton of CO<sub>2</sub> and other GHGs. The environmental issues associated with GHGs, in addition to natural resources issues, will play a leading role in the sustainable development of the cement and concrete industry during this century. For example, as the supply of good-quality limestone to produce cement decreases, producing adequate amounts of portland cement for construction will become more difficult. There is a possibility that when there is no more good-quality limestone in, say, a geographical region, and thus no portland cement, all the employment associated with the concrete industry, as well as new construction projects, will be terminated. Because of limited natural resources,



