

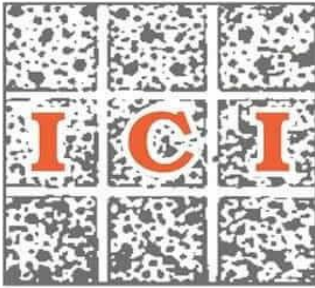


# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

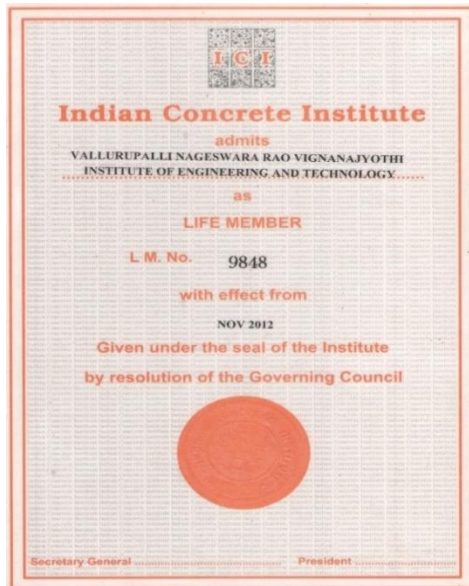
## Indian Concrete Institute (ICI) Student Chapter

- VNR VJIET provides an opportunity for the students to enhance the overall education experience through a wide range of Extracurricular and Co-curricular Activities including social, cultural, intellectual, recreational, and professional student chapters. Such activities enrich students' lives and help them fulfill their potential.

### Indian Concrete Institute (ICI) Student Chapter:



### Indian Concrete Institute



- Indian Concrete Institute (ICI) student chapter was established in the year 2012 and is a part of the ICI.
- Indian Concrete Institute (ICI) is one of the leading professional bodies in India, catering to the professional needs of individuals and organizations involved in Concrete.
- ICI is a not-for-profit organization dedicated to the cause of disseminating knowledge on concrete, promoting concrete technology and construction, and addressing the research needs of concrete.
- **Impact:** The students benefitted through the technical lectures and events organized by the ICI student chapter and 12 students received internships and placements in the Core company ACC Ltd., and many more

### Objectives of professional society/chapter (ICI):

- The ICI professional student chapter is owned and managed by the representatives of students and the faculty in-charge.
- This professional student chapter is very active in organizing various engineering events and guest lectures by professional Engineers from the Industry to bridge the gap between the theory and the practice in the field. Student involvement in ICI activities helps them to shape



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themselves to face the challenges in the field when they come out of the Institution and enhance their employability. The activities include

- To disseminate knowledge to the students in the frontier areas of concrete.
  - To identify R&D problems of practical relevance and the same problems shall be taken as academic projects at UG & PG level.
  - To arrange periodical seminars and exhibitions in the concrete domain.
  - To arrange guest lectures on selected topics of relevance to concrete.
  - To collaborate with the industry to better understand concrete.
  - Regularly conducting awareness campaigns about the Importance of concrete and Advancements in Concrete Technology.
- The ICI professional society/students chapter strives to create awareness among the student community of the latest trends and technologies related to the field of civil engineering and the construction industry.
- The ICI student chapter organizes lectures by eminent personalities in the field of concrete technology and the latest construction practices and creates interest among the student community in the area of concrete research.

### **Activities of professional society/students chapter:**

- The student's chapter (ICI) is very active and conducts frequently various engineering activities and events for the benefit of the student community.
- Few of the activities include
- **Institutional Activities:**
  - Guest lectures from the Industry personnel / professional members of ICI.
  - Technical symposiums
    - Student volunteers conducted “HORIZON” (A one Day Technical Symposium) in association with the ICI Student chapter
    - Regularly conducting awareness campaigns about the Importance of concrete and Advancements in Concrete Technology through Site Visits, Guest Lectures, and Seminars.
  - Participation of Student chapter members at international events.



## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



Unveiling of THE BLUE PRINT by Er. P. Surya Prakash, Managing Director, M/s. SatyaVani Projects & Consultants Ltd., along with Dr. C.D. Naidu, Principal, Dr. B. Chennakesava Rao, Director, Dr. A. Mallika, Head-CED, Dr. S. Rakesh, Faculty Coordinator, CEA-ICI-IGBC student chapters and Mr. Md. Muzafer Hussain, General Secretary, CEA-ICI-IGBC student chapters during the Inaugural of HORIZON 2019.

- THE BLUE PRINT is the Annual Technical Magazine containing the department and its stake holders information along with technical articles by the faculty and students.
- THE BLUE PRINT is being published from the year 2016-17 and is currently in its 6<sup>th</sup> Volume i.e. 2021-22.
- This annual technical magazine is being published with a motive to showcase the department's achievements and information to its stake holders.
- The magazine is being circulated to all the alumni, students, and their parents, faculty and the industry personnel.
- The following are the various categories in THE BLUE PRINT:
  - **Department News:**
    - Achievements
    - New Facilities created
    - Best Practices
    - MoU's



## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

- Guest Lectures
- **Faculty Corner:**
  - International Journal / Conference Publications
  - National Journal / Conference Publications
  - Faculty Sponsored for Conferences / Seminars / FDPs / STTPs
  - Faculty Achievements / Recognitions
  - Faculty as Reviewers for Journals / Books / Conferences
- **Student Corner:**
  - Student Industrial Visits
  - Student Achievements
  - Professional Society Activities (CEA-ICI-IGBC)
- **Distinguished Alumni:**
  - Alumni Stories
  - Alumni Achievements



Students and Faculty along with Er. P. Surya Prakash, Managing Director, M/s. SatyaVani Projects & Consultants Ltd. during HORIZON 2019





# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



Ms. Meena Sri receiving award (1<sup>st</sup> Prize) in the event “Tensegrity Structures” conducted during HORIZON 2019



Faculty Evaluating the structure modeled by the student in the event “Tensegrity Structure” as part of HORIZON 2019

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epaper.eenadu.net



Date : 24/03/2019 EditionName : TELANGANA (HYDERABAD, QUTHBULLAPUR ) PageNo : Page 01

Media Coverage of the HORIZON 2019 Event in the Regional NEWS Paper “EENADU” on 24<sup>th</sup> March 2019

Guest lectures organised by the ICI student chapter:



## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



Er. P. Surya Prakash, Director M/s. Satyavani Projects & Consultants Ltd., delivering a Guest lecture on “Civil Engineering – As a Challenging Career”



Er. Srinivasa Reddy, President of ICI Hyderabad Chapter delivering lecture on “Unconventional Careers in Civil Engineering”



I M.Tech. (Structural Engineering) students at the construction of Railway under Bridge along with the faculty of CED, VNRVJIE on 24.12.2020



# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY



Students at Durgam Cheruvu Bridge along with the faculty of CED, VNRVJIET on 22.02.2020

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI  
INSTITUTE OF ENGINEERING AND TECHNOLOGY


An Autonomous Institute, NAAC Accredited with 'A++', NBA Accredited for  
CE, EEE, ME, CSE, OSE, IIT & Tech Courses and listed by AICTE. Affiliated to VJTIU,  
Hyderabad as a College with potential for Excellence by JGC, ISO 9001:2015 Certified

Department of Civil Engineering  
In association with  
ICI & UltraTech Cement Limited  
presents Webinar on

**'NEXT GENERATION  
CONCRETE'**

Date: 15<sup>th</sup> May 2020, Friday  
Time: 12 Noon IST

*Speaker*



**Er. N. Srinivas Rao**  
Regional Head (Technical) Telangana,  
UltraTech Cement Limited

Join the webinar in Zoom via

<https://tinyurl.com/nextgenerationconcrete> Meeting ID: 975 8282 3851  
Password: concrete

For queries contact: Mr. G AVS Sandeep Phone: 91777 87937 Dr. S Rakesh Phone: 90004 82223 \*No Registration fee required

Er. N. Srinivas Rao, Regional Head of UltraTech Cement Limited (Telangana), delivering a lecture on “NEXT GENERATION CONCRETE”





# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Civil Engineering  
in association with  
Indian Concrete Institute and  
Indian Green Building Council  
presents Webinar on

## 'CAREER OPPORTUNITIES IN CIVIL ENGINEERING'

Date: 11<sup>th</sup> July 2020, Saturday,  
Time: 6 PM IST

**Speaker**



**Er. Girish Sridaran**  
Structural Design Engineer,  
LA, California

Er. Girish Sridaran is currently working as Structural Engineer in LA, California. He has completed B.Tech in Civil Engineering from NIT Tiruchirappalli in 2016 and MS in Structural Engineering and Geo-Mechanics from Stanford University in 2018. During his B.Tech., He worked as Research Assistant in Concordia University, Canada.

Join the webinar in Zoom via  
<https://tinyurl.com/career-opportunities-in-ce> Meeting ID: 962 1859 2981  
Password: career

For queries contact: Mr. G AVS Sandeep Phone: 91777 87787 Dr. S Rakesh Phone: 90054 52223 \*No Registration fee required

Er. Girish Sridaran, Structural Design Engineer in California, delivering a lecture on “CAREER OPPORTUNITIES IN CIVIL ENGINEERING”

## ➤ ICI Initiatives @ VNR VJIEET

VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI  
INSTITUTE OF ENGINEERING AND TECHNOLOGY

### Construction of Road Using 100% C & D Waste

**General Details:**

- Length : 90 m
- Avg. Width : 5.30 m
- Avg. Thickness of GSB Layer : 75 mm
- Avg. Thickness of M30 Grade Concrete Layer : 100 mm
- Cost of Project : Rs. 6.00 Lakhs
- C & D Material Supplied by Hyderabad C & D Waste Pvt. Ltd.

**Specifications:**

- GSB conforming to Grade-VI as per MoRTH Specifications
- M30 Grade Concrete Designed as per IS : 10262

Students conducting Field Density Test and Concrete Workability Test

**Concrete Ingredients (kg/m<sup>3</sup>)**

Cement	1100
Coarse Aggregate	400
Fine Aggregate	670

**Economics**

**Cost Savings (%)**

Cost using 100 % Natural Aggregate	100
Cost using 100 % C & D Waste Aggregate	75

**Sustainability**

**Total CO<sub>2</sub> Emissions (kg)**

GSB & Concrete from 100% Natural Aggregate	1824
GSB & Concrete from 100% C & D Waste Aggregate	1368

Students at M/s. Hyderabad C & D Waste Pvt. Ltd. Plant, Jeelimeetha

Road using 100% C & D waste

## ➤ Goals of Indian Concrete Institute (ICI)

- Promote the growth of concrete construction and its sub-specialization
- To disseminate information and train personnel
- Training programs for Fellow Members / Students





## VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

- Collaborate with National / International Agencies
- Identify R & D problems of practical relevance
- Arrange National and International Workshops, Conferences, Seminars & Exhibitions

### ICI Student Chapter @ VNRVJIET

<b>Patron</b>	<b>:</b>	<b>Dr. C.D. Naidu, Principal, VNRVJIET</b>
<b>Chairman</b>	<b>:</b>	<b>Dr. A. Mallika, Professor &amp; Head, Civil Engineering Department</b>
<b>Faculty Co-ordinators</b>	<b>:</b>	<b>Dr. S. Rakesh, Assistant Professor, CED Dr. R. Durga Prasad, Assistant Professor, CED Dr. B. Murali Krishna, Assistant Professor, CED</b>