



**Department of Civil Engineering**  
**Velagapudi Ramakrishna**  
**Siddhartha Engineering College**  
(Autonomous) Vijayawada 520007



# Career Launch

A Job Oriented Certificate Course

To make  
Ready to Deploy  
Civil Engineers

**Program starts from 29.03.2021**

Resource persons from  
Industry and Faculty

For registration and other details please  
contact coordinator Smt T.Sujatha

Organized by Department of Civil Engineering and  
The Institution of Engineers VRSEC Student Chapter



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Civil Engineers

**Inauguration: 2pm, 29.03.2021**



**Address by Faculty from the Department &**



DEPARTMENT OF CIVIL ENGINEERING  
R. SIDDHARTHA ENGINEERING COLLEGE (AUTONOMOUS)  
VIJAYAWADA - 520 007

## Career Launch (A Job Oriented Certificate Course) (A.Y2020-21)

Timings: 2.00 - 5.00 PM (Monday to Friday), 9.30 to 12.30AM (Saturday)

29/03/2021 Inaugural session Mr K. Babu Mahesh (JS consultants)	-----	12/04/2021 J. Naaga Raju K. NarayanaDas(NAC)
30/03/2021 Mr.P. Chakravarthy/Dr Ch.Srinivas	06/04/2021 Mr P. Chakravarthy (BASF) /Dr Ch.Srinivaas	15/04/2021 Survey field work
31/03/2021 Dr P.Polu Raju/ A D Kumar	07/04/2021 ADK/M. V Sai babu(Zuvari)	16/04/2021 Pratusha. V(Transdance)
1/04/2021 Dr P.Polu Raju/ A D Kumar	08/04/2021 Sudhakar (Ultra tech Mix design)	17/04/2021 S.Sai Kumar(Asian paints)
-----	09/04/2021 Hari Prasad(JSW)/J.Uma shankar(Fosrac)	19/04/2021 Training on Bosch power tools
3/04/2021 Mr.Sahitya (KEC fire Works)/Asiwaraya(NVNL)	10/04/2021 Survey field work M.Subba Rao(CREDAI)	20/04/2021 Valedictory session

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In-house faculty	Industry person	Topic
Dr CS(Tendering and paints)	Mr.K. BABU MAHESH (Co-partner, JS Consultants )	Construction Practices
Dr P.Polu Raju (Pre Engineered construction)	Mr M.SUBBA RAO (Badari builders)	Layout of building
ADK(Estimation and Valuation)	Mr P. CHAKARVATHY (BOŞCH pvt .ltd)	Anchors and Fixtures
Dr.GVRS/TS/SS/MTS/HA(LABS)	Mr.Sudhakar (Ultra tech pvt.ltd)	Mix design
Survey field work	Mr.Asiwraya (Nvnl, constructions)	Structural failures
Survey field work	Mr J.NAGA RAJU (NAC)	Pipe layout
Bosch Power tool Lab	Mr.Satyanarayana Das(NAC)	Electrical layout
	Smt V. PRATUSHA Transdance Structural consultancy, VIA	Design of multi storey ed buildings
	Mr. J.Uma shankar Fosrac	Construction chemicals
	S.Sahithi KEC fire works	Fire Protection

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can win it.

Name of the Industry	Name of the Industry person	Topic
Co-partner ,JS Consultants	Mr. BABU MAHESH	Construction Practices
Badari builders	Mr M.SUBBA RAO	Layout of building
BASF Chemicals	Mr.P. CHAKARVATHY	Anchors and Fixtures
Zuvari Cements	Mr J.Sai Babu	Zuvari Cements
JSW cements	Hari Prasad	JSW cements
FOSRAC	Mr J.Uma shankar	Construction chemicals
Ultra tech pvt.ltd	MrM.Sudhakar	Mix design
Nvnl constructions	Mr Aiswarya	Structural failures
National Academy of Construction	Mr.NAGA RAJU	Pipe layout
National Academy of Construction	Mr Satyanarayana Das	Electrical layout
Transcendence ,VJA	SmtV. PRATUSHA	Design of multi storey ed buildings
KEC fire works	S.Sahithya	Fire Protection
Asian Paints	S.Sai Kumar	Waterproofing agents

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Sanjivini B.



Department of Civil Engineering  
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# Certificate

This certificate is awarded to  
Mr/Ms.....**Vikaram Patibandla**.....

on successful completion of  
“CAREER LAUNCH”

a job oriented certificate course conducted  
during the period  
29.03.2021 - 20.04.2021 by  
Department of Civil Engineering  
and The Institution of Engineers (India)  
VRSEC Student Chapter

Resource persons from:



*T. Sujatha*

Smt T.Sujatha  
Coordinator

*Chava Srinivas*

Dr Chava Srinivas  
Professor and Head

*AV Ratnaprasad*

Dr AV Ratnaprasad  
Principal



Estd. 1977

# VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE

(AUTONOMOUS)

KANURU, VIJAYAWADA - 520 007

(Sponsors : Siddhartha Academy of General & Technical Education)

Affiliated to Jawaharlal Nehru Technological University, Kakinada

Approved by AICTE, Accredited by NAAC with 'A' grade

An ISO 9001 : 2008 Certified Institution

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**DEPARTMENT OF CIVIL ENGINEERING**

Website : [www.vrsiddhartha.ac.in](http://www.vrsiddhartha.ac.in)

To  
C.Mahesh,  
Structural Consulting Engineer,  
Vijayawada

Sir this is Dr.Chava Srinivas, Prof and Head, Department of Civil Engineering, V R Siddhartha Engineering College, Vijayawada. To make our graduates, industry ready, we are conducting 'Career launch a Job Oriented Certificate Course' for final year Civil Engineering students. As part of this course, we are inviting you. You are cordially invited to give a lecture or presentation or Interaction with students on 'Industry expectations from graduate Civil Engineers' in the Department of CE, V R Siddhartha Engineering College.

We request you to discuss with students, what is expected from them like their roles and responsibilities (once they join as site engineers) in the site, and skills they must acquire (before they join the job) etc. For this specialized course, the curriculum was designed in such a way that the students can be absorbed immediately after their graduation. We request you to cover the following topics in your presentation.

(1) Air Distribution System

- Classification Of Air-Conditioning System
- Lay out of A/c ducting

(2) Fire protection (Awareness)

- Fire safety management and prevention
- Principles of fire
- Fire extinguishers
- Structural response to fire
- smoke alarms are installation to provide early detection and warning

**Dr. Chava Srinivas**  
**Prof. of Civil Engineering;**  
**V.R.Siddhartha Engineering College**  
**VIJAYAWADA-520 007.**



Estd. 1977

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Dt: 09.04.2021

To

Sri G.Hari Prasada Rao,  
South India Zonal Head,  
JSW Cement Ltd,  
Hyderabad.

Sub: Letter of Appreciation – reg

Dear Sir,

Thank you very much for delivering an informative & thought provacating lecture as Resource Person on “Alternative materials and sustainable Construction” held on 9<sup>th</sup> April 2021 at Civil Engineering Department of Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada, Andhra Pradesh.

It was really a wonderful presentation which exposed our students to the field practices.

All registered students of Job Oriented Certificate Course got benefitted from your views on the subject.

Looking forward for your co-operation for the promotion of professional education in future as well.

Yours Sincerely,

Dr.Chava Srinivas

Professor & Head

Professor & Head  
Dept. of Civil Engineering  
V.R. Siddhartha Engineering College  
VIJAYAWADA-520 007.



**REPORT ON CAREER LAUNCH A JOB ORIENTED CERTIFICATE COURSE  
(A.Y 2020-21)**

**Title of the program:** Job oriented certificate course

**Organized by :** Department of civil Engineering

**Organized on :** 29.03.2021 to 20.04.2021

**Programme Co-Coordinator:** Smt T.Sujatha, Asst professor

Sri A.Dattatreya kumar ,Asst professor

Department of Civil Engineering

V R Siddhartha Engineering College ,VJA-07

**Objective of the Work shop:**

The objective of this job oriented certificate course is to impart knowledge on practical field construction methods and problems in present day construction .This training is meant for final year CE students who wish to join job after their graduation. Experts from industry are invited as resource persons, Ultratech cement, RMC division, NAC, FOSROC,KEC fire systems, Bosch power tools,BASF- Master builders,NVLN constructions,JSW cements,Zuvari cement ltd ,Asian paints and CREDAI VIJAYAWADA,etc.

**Resource persons:**

S.No	Name of the industry person	Designation	Name of the industry
1	Mr P.Chakarvathy	General Manager	BASF –Master builders pvt.Ltd
2	M.Subba Rao	Executive committee member	CREDAI, VIJAYAWADA
3	Mr Babu Mahesh	Co partner	JS consultants
4	Mr Sahitya	Managing Director	KEC fire Systems
5	Mr Sudhakar and Ajay	QA/QC incharge	Ultra tech cements Ltd
6	Mr Naga Raju	Technical Engineer(Plumbing)	National Academy Constructions
7	Mr Narayana	Technical Engineer(Electrical)	National Academy Constructions
8	Aiswarya	Structural Designer	NVLN constructions
9	Smt Pratusha	Structural team Lead	Transcendence
10	Hari Prasad	Technical Head -South India	JSW Cements Ltd
11	Sai Babu	Technical Head -South India	Zuvari Cement Ltd
12	Uma Shankar	Project manager	FOSROC
13	Sai Kumar	Project team lead	Asian Paints

**Brief Report on Work shop:**

- Mr Uma Shankar from FOSROC has explained various admixtures and innovative alternative materials used for mixing of concrete.
- Mr K.Babu Mahesh has explained about the crack resistant structures and has discussed about the common civil Engineering mistakes in the field and suggested some measures to avoid them.
- Mr P.Chakravarthy has discussed about the selection of tools and various fixing technologies required for civil engineering.
- Mr Sudhakar and Ajay addressed the participants regarding the Mix Design of Concrete
- MrNaga Raju addressed the participants regarding the alignment of pipeline and types of pipes
- Mr Narayana has explained safety measures and electrical layout in buildings.
- Mr Hari Prasad addressed the participants regarding the sustainable materials used in Constructions
- Mrs Pratusha has explained the structural designs and detailing of various structural components.
- Mr Sai Babu has explained good construction practices
- Mr M.Subbarao has explained lay out building on ground
- Mrs Aiswarya discussed the various case studies on repair and retrofitting works
- Mr Sai kumar from asian paints he explained the Damp proofing agents and various chemicals for crack filling.
- Mr Sahitya demonstrated on fire extinguishers, fire systems and fire safety.

**Targeted group:**

Participants in the job oriented course are students from VRSEC

**Number of Participants :(Total :88)**

**Workshop Outcome:**

Students gain knowledge about the various opportunities in different field of practice, failure of structures and pavements due to various reasons, innovative materials, and current techniques and also about the good construction practices.

**Feed Back:**

- Feed back is taken on the contents ,about the laboratory training , topics in the sessions and resource persons
- Feedback forms were distributed and collected at the end of the day.
- Received good feedback about the course.



Mr P.Chakravarthy (BASF)



Aiswarya (NVLN Constructions)



Mr Sahitya KEC Fire work



Mr Hari Prasad JSW Cements Ltd



Mr Sai Babu JSW Cements Ltd



Mr Uma Shankar FOSROC



Mr Narayana, National Academy of Construction



Mr Naga Raju National Academy of Construction

