

Faculty Development Programme (Online)

on

Advances in Building Designs: Pre Engineered Design Methodology and Limit State Design Applications

17th June – 21st June 2020
(2.30 P.M – 06.00 P.M)

Under

**AICTE
MARGDARSHAN**



Organized by

**Department of Civil Engineering
V R Siddhartha Engineering College
(Autonomous)**

**In Association with
Indian Concrete Institute, VRSEC Student
Chapter**

**Workshop Chair
Prof. A.V. Ratna Prasad
Principal, VRSEC**

**Convener
Prof. Ch. Srinivas
Head of the Department, Civil Engineering**

**Coordinators
Dr. P. Poluraju, Senior Assistant Professor
Dr. K. Hanuma, Assistant Professor
Sri. Sk. Khaja Sameer, Assistant Professor**

BACKGROUND

In structural engineering, a pre-engineered building (PEB) is designed by a manufacturer to be fabricated using a pre-determined inventory of raw materials and manufacturing methods that can efficiently satisfy a wide range of structural and aesthetic design requirements. Within some geographic industry sectors these buildings are also called Pre-Engineered Metal Buildings (PEMB) or, as is becoming increasingly common due to the reduced amount of pre engineering involved in custom computer aided designs, simply, Engineered Metal Buildings (EMB). Pre-engineered steel buildings can be fitted with different structural accessories including mezzanine floors, canopies, fascias, interior partitions etc. and the building is made waterproof by use of special mastic beads, filler strips and trims. This is very versatile buildings systems and can be finished internally to serve any functions and accessorized externally to achieve attractive and unique designing styles.

OBJECTIVE

The faculty development program (FDP) aimed to organize by the Department of Civil engineering under AICTE Margdarshan. The organization of this workshop is to enlighten the participants with the Limit State analysis and design of pre-engineered building system.

WHO CAN PARTICIPATE?

This workshop is open to faculty members of V R Siddhartha Engineering College and other Margdarshan colleges, persons from academic or technical institution/Industry Professionals. This workshop also encourages undergraduate students of Civil engineering, post graduate students and research scholars in Structural Engineering to participate to obtain knowledge on Pre Engineered Buildings.

REGISTRATION FORM

Faculty Development Programme (Online)

on

Advances in Building Designs: Pre Engineered Design Methodology and Limit State Design Applications

17th June – 21st June 2020
(2.30 P.M – 06.00 P.M)

Name in full:

Designation:

Organization/Dept:

Postal address:

E-mail:

Mobile No.:

Education Qualification:

Are you a member of any ICI Chapter: **Yes/No**

Signature

Signature of the sponsoring authority
(with office seal)

Duly filled Registration form may be sent to coordinators by post or forwarded to mail ID: poluraju@vrsiddhartha.ac.in

ABOUT VRSEC

Velagapudi Ramakrishna Engineering College (VRSEC) sponsored by Siddhartha Academy of General and Technical Education was established in the year of 1977. VRSEC is ideally located in the vast expanse of 24 acres of land in the Capital Region of Andhra Pradesh. VRSEC is offering 7 UG (B.Tech) and 9 PG (M.Tech) Programs in various specializations. Out of which 6 UG and 5 PG programs were accredited by NBA in Outcome Based Education Format (OBE). In addition, the institute is offering PG programs in MBA and MCA. Annually, the student intake of the institute is 1440 and total strength of the college is 5700. VRSEC was certified with ISO 9001:2015. UGC has conferred the Autonomous status to the Institute in the year 2018 for a period of 10 years.

ABOUT CIVIL ENGINEERING DEPARTMENT

One of the oldest departments of the college offers one undergraduate and two postgraduate programs. The department is privileged to be recognized as one of the best civil engineering departments in the state. The Department is the first to introduce M.Tech in Structural Engineering in the year 1999 and the first institute in private sector in Andhra Pradesh to be accredited by NBA under Washington Accord. Later in the year 2016, M.Tech in Geotechnical engineering was introduced. The Department of Civil Engineering awarded as Best Industry-Linked Civil & Allied Engineering Institute from AICTE-CII Survey 2019. The Department has MoU with Pennar Industries Limited, Hyderabad for introducing industry oriented courses for M.Tech Structural Engineering curriculum, faculty training on Pre Engineered Buildings, internships and placements for both UG and PG students. The Department is offering consultancy services to various Government, Public and Private sectors like APPCB, NTPC, HPCL, VTPS etc. to an extent of ₹ 30 million per year. The Civil Department is well equipped such as Non

Destructive Test equipments, Shake Table, RCPT etc.



ABOUT STRUCTURAL ENGINEERING DIVISION

The structural engineering division has achieved best ranking amongst the private institutions in the Andhra Pradesh state with well qualified and experienced faculty members. Among the faculty members, 5 faculty are doctorates and 9 faculty are pursuing their Ph.D.

VENUE

The workshop is organized by the Department of Civil Engineering, V R Siddhartha Engineering College through online.

HOW TO APPLY

The interested participants may submit details through Google forms <https://forms.gle/kk9w8qYZWTbWjiaH8> with the registration fee (online payment) into the following account details:

Principal,
V R Siddhartha Engineering College
Account No: - 33672200036049
IFSC CODE: SYN0003367
Branch: VRSEC, Kanuru

REGISTRATION FEE PER PARTICIPANT

Educational Institutions:	Rs. 200/-
R&D Organizations:	Rs. 300/-
Industries:	Rs. 300/-
UG/PG Students:	Rs. 100/-

- Registration fee shall be exempted for faculty from colleges which are under AICTE MARGDARSHAN Scheme.
- The event will be completely online-based FDP, and participants take-in will on a first come first serve basis (**applicable to participants other than AICTE Margdarshan College**) since we have limited the audience participation to 250.
- Final Assessment Examination shall be conducted at the end of FDP through online. (Mandatory for all participants).

Last date for Registration: **14-06-2020**

ANY QUERIES, CONTACT

Dr. P. Poluraju
Senior Assistant Professor,
Department of Civil Engineering,
VR Siddhartha Engineering College,
Vijayawada, Andhra Pradesh
Email: poluraju@vrsiddhartha.ac.in

Mobile: 9966018814, 8555864379, 8688888118,

RESOURCE PERSONS

1. **Sri. Mohammad Rahmatulla** –Sr. DGM, Pennar Industries Limited, Hyderabad, India.
2. **Sri. Mallikarjun** - Kirby Building Systems & Structures India Pvt. Ltd., Hyderabad, India.
3. **Dr. P. Poluraju**- Sr. Assistant Professor, Department of Civil Engineering, VRSEC.

PATRON



All India Council for Technical Education
Siddhartha Academy of General and
Technical Education