

Webinar on 'Implementation of New Education Policy' – Organized by Institution Innovation Council (IIC) In Association with Department of Civil Engineering

Speaker: Prof Natarajan, Former Chairman, AICTE

Date: 12-11-2020



The banner features a blue header with the Velagapudi Ramakrishna Siddhartha Engineering College logo and name, along with accreditation details from AICTE and JNTUK. The main title 'Prof Natarajan will speak on 'Implementation of New Education Policy'' is in large purple font. Below it, the date and time '10.30am-12.00noon, 12th November 2020' are shown. A Zoom meeting ID and passcode are provided in a white box. On the right, a portrait of Dr. R. Natarajan is displayed with his name and title. The bottom left corner includes the Institution's Innovation Council logo and the organizing department.

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(Sponsored by Siddhartha Academy of General & Technical Education)

An Autonomous Institute
Approved by AICTE, New Delhi
Affiliated to JNTUK, Kakinada
ISO 9001:2015 Certified

**Prof Natarajan will speak on
'Implementation of
New Education Policy'**

10.30am-12.00noon, 12th November 2020

Meeting ID: 968 5773 3533
Passcode: 137639

Dr R Natarajan
Former Chairman
AICTE

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

**Organized by
Institution Innovation Council (IIC)
in association with
Department of Civil Engineering**

In this lecture Dr. R. Natarajan has briefly introduced to faculty regarding the Implementation of New Education Policy, where the UG program might be 3 or 4 years with multiple break out options and institution should produce certificate based on period of completion and other points related to Higher education.

Re-Survey software Training Program for Employees of Survey & Land Records Department – Organized by Department of Civil Engineering and Survey & Land Records, Government of Andhra Pradesh

Resource Persons: Faculty from APSTA, GeoVista and VRSEC

As Government of Andhra Pradesh decided to re-survey, land surveyors are trained in this regard by experts from VRSEC, APSTA and GeoVista

Date: 16-11-2020 to 25-11-2020



Sri. CH. V.S.N. Kumar, Presenting Certificate to Smt. N. Malathi, Assistant Professor, VRSEC



Land Surveyors who got trained during the program



Valedictory speech by G. Yaswanth, Assistant Professor, VRSEC

Lecture Series CE4703/5: Forensics in Structural Engineering

Speaker: AlokBhowmick, FNAE, International Professional Engineer (India),
Managing Director, B&S Engineering Consultants Pvt. Ltd.

Lecture 1: Broad Overview on Forensic Structural Engineering

A Bit of Ancient History on Failures; what is forensic structural engineering?
What is a structural failure? What are the origin of failures; source of Errors and
cause of failures; Failure Education for students and practitioners

Dt: 20-11-2020

Lecture 2: Collapse of I-35W Highway Bridge, Minneapolis, USA

Importance of quality control procedures for designing and proof checking of
bridges, importance of need to review any change proposed in bridge after it is in
service so that there is no overloading; Importance of safety guidance with regard to
the placement of construction loads on bridges during repair or maintenance
activities; Need for inclusion of gusset plates in bridge load rating guidance.

Dt: 25-11-2020

Lecture 3: Collapse of Hartford Civic Centre Coliseum:

Over reliance on Computer Analysis not a good practice. There is no
substitute to approximate hand calculation methods in checking. Qualified and
competent structural engineer should be there at site during construction to co-
ordinate between designer and contractor. Engineer on record at site must take
responsibility to ensure that design intent is reflected in executed structure.

Dt: 28-11-2020

Lecture 4: Collapse of Thruway Bridge over Schoharie Creek:

Correct prediction of Scour in case of river bridges is as important as the
design of bridge structural component. Foundations must be protected against scour.

It is also important to regularly Inspect the extent of scour in a bridge to detect any untoward pattern of scouring in a bridge.

Dt: 30-11-2020