

# HIGHRISE

## DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

*APRIL-JUNE 2021*



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**Accredited by NAAC**  
**Approved by AICTE & Affiliated To JNTUK, Kakinada**

## CIVIL ENGINEERING DEPARTMENT NEWS LETTER (April-June, 2021)

### 1. Events conducted by the Department

- **FDP :**
  - **Online 3 Day FDP on Environmental And Water Resources Modeling And Management** by Prof. Vasan Arunachalam, Dr. M. Chandrasekhar, Dr. S. Bala Prasad on 04-06-21 to 07-06-21
- **Webinar:**
  - **Virtual Tour of India's Largest Cement Manufacturing Plant Rajashree Cement Works- Malkhed- Gulbarga** by Dr. Ram Pant, RCM-UltraTech Cement Ltd, on 09<sup>th</sup>June , 2021
  - **Retrofitting Of Structural Elements Using Wrapping Techniques** by Dr P.Poluraju, Professor, K L Deemed to be University, on 10<sup>th</sup> June , 2021
  - **Highway Materials : Bitumen Characterization** by Dr.V. Vinayak Ram, Professor, BITS-pilani, on 17<sup>th</sup> June , 2021


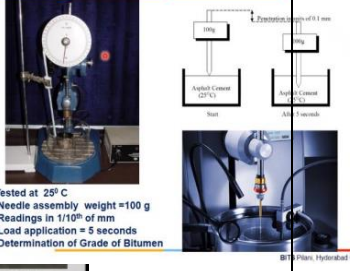
### 2. FDP's/ Short term Courses Attended by faculty members :

- **J.Eeshwar Ram** Attended Short term Course on "*Effective Engineering Teaching Practices*" during 19<sup>th</sup> April 2021 to 24<sup>th</sup> April 2021
- **B.Narasimharao** Attended Short term Course on "*Advanced Applications of Structural Concrete in Civil Engineering*" during 07<sup>th</sup>June 2021 to 12<sup>th</sup>June 2021
- **B.Narasimharao** Attended Short term Course on "*Foreground The Spectrum of Character Building in Modern Human Line*" during 25<sup>th</sup> June 2021 to 03<sup>rd</sup> July 2021
- **Dr.V.Ramakrishna** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup>June 2021.
- **J.Rangaiah** Attended a 3-day online FDP On *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.
- **M.Satyanarayana** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by LakireddyBalireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.
- **M.Manoj Kumar** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.
- **P.Mohana Ganga Raju** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.
- **B.Ramakrishna** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.
- **C.Rajamallu** Attended a 3-day online FDP on *Environmental And Water Resources Modelling And Management* Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 04-07<sup>th</sup> June 2021.

### 3. Faculty online certifications

- **Dr. Ramakrishna Vellampalli** got certified with Elite+Silver from NPTEL Online certification on “Electronic Waste Management - Issues and Challenges” during Jan & April 2021
- **Dr. J Venkateswara Rao** got certified with Elite+Silver from NPTEL Online certification on “NBA Accreditation and Teaching - Learning in Engineering (NATE)” during Jan & April 2021
- **B.Narasimha Rao** got certified with Elite from NPTEL Online certification on “NBA Accreditation and Teaching - Learning in Engineering (NATE)” during Jan & April 2021
- **K.Harish Kumar** got certified with Elite from NPTEL Online certification on “NBA Accreditation and Teaching - Learning in Engineering (NATE)” during Jan & April 2021
- **B.Ramakrishna** got certified with Elite from NPTEL Online certification on “NBA Accreditation and Teaching - Learning in Engineering (NATE)” during Jan & April 2021
- **Dr. J Venkateswara Rao** got certified with Elite from NPTEL Online certification on “Basics Construction Materials” during Jan & April 2021

## Information in Pictures

<p>APPROACHES FOR MODELLING</p> <ul style="list-style-type: none"> <li>■ Direct Approaches <ul style="list-style-type: none"> <li>■ UALs (sampling small, homogeneous land use watersheds).</li> <li>■ Land use – runoff simulation models</li> <li>■ sensitive to hydrologic, soil, and land use characteristics.</li> <li>■ Require large amount of data</li> </ul> </li> </ul>	<p>Manufacturing Line Assembly Raw Meal silo cement Mill , Pre heater Silo cement Mill and Packing Plant</p> 	<p><b>PENETRATION TEST</b></p>  <ul style="list-style-type: none"> <li>• Tested at 25° C</li> <li>• Needle assembly weight =100 g</li> <li>• Readings in 1/10<sup>th</sup> of mm</li> <li>• Load application = 5 seconds</li> <li>• Determination of Grade of Bitumen</li> </ul>
<p><b>Dr. M. Chandrasekhar</b> FDP on Environmental And Water Resources Modeling And Management</p>	<p><b>Dr. Ram Pant</b> Webinar on India's Largest Cement Manufacturing Plant</p>	<p><b>Dr.V. Vinayak Ram,</b> ITS-pilani Delivering the webinar on Highway Materials : Bitumen Characterization</p>

- **Members** : Ch.Naga Sowmya(IV Year), K.Subramanyam(IV Year) , S.Deepthi (IV Year)
- **Editor** : M.Satyanarayana