

HIGHRISE

DEPARTMENT OF CIVIL ENGINEERING NEWS LETTER

OCTOBER-DECEMBER 2021



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

CIVIL ENGINEERING DEPARTMENT NEWS LETTER (October -December, 2022)

1. Events conducted by the Department

Guest Lectures:

- **Concerte for durability** by Er. K Venkataraman, Regional Head - Technical Customer Solutions, Ultra Tech Cements, on 25thDecember, 2021

FDP:

- **Advanced Topics in Water Resources and Environmental Engineering** by Dr.M.Chandrasekhar, Department of Civil Engineering, NIT Warangal and Dr. K. B. Chari, Scientist, GIS Labs, Hyderabad on 01stDecember to 02nd December 2021

2. Faculty Publications

- **Venkateswara Rao J, Gopi Shankar K** “*Development of Mix Design and Correlation Studies Between Mechanical Properties of Ternary Blended HighStrength Concrete*” Lecture Notes in Civil Engineering ISSN : 2366-2565/2366- 2551, Volume -1, Dec(2021), pp 978-981, (Published in Scopus Index Journal)

3. FDP Programs attended by faculty

- **Dr.V.Ramakrishna** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **Dr.J.Venkateswara Rao** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **Dr.K.V Ramana** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **J.Rangaiah** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **C.Rajamallu** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **B.Ramakrishna** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **B.Narasimharao** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **J.Eeshwar Ram** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.

- **M.Satyanarayana** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **P.Mohana Ganaga Raju** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **K.Harish Kumar** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **P.Keerthi** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **K.Jaya Rao** Attended a 2-day online FDP on “*Advanced Topics in Water Resources and Environmental Engineering*”, Organized by Lakireddy Balireddy College of Engineering (A), Mylavaram, during 01st December to 02nd December 2021.
- **B.Narasimharao** Attended a Three Weeks online FDP on “Ground Improvement NPTEL AICTE”, Organized by NPTEL, during July to October 2021.

4. Staff Colloquiums

- **Dr.V.Ramakrishna** delivering staff colloquium on “Modeling and Prediction of Traffic Noise Levels” on 17th December 2021

5. Students Placements

- **Ch.Naga Sowmy** selected in *Formonitech* with the package of 1,80,000/-
- **K.Madhu** selected in *Formonitech* with the package of 1,80,000/-
- **G. Ranjith Nayak** selected in *Formonitech* with the package of 1,80,000/-
- **C. Venkata Naga Sai Santhikala** selected in *Formonitech* with the package of 1,80,000/-

6. Students got prizes/Recognition in Extra-curricular activities

- **K.Usha Kumari, P.Anitha** got II Prize in *SRUJANA (PPT)* organised by LBRCE LAKSHYA 2K21 on 23rd December 2021
- **K.Siva Satyanarayana, B.Gurva Reddy** got I Prize in *Pragna (Poster Presentation)* organised by LBRCE LAKSHYA 2K21 on 23rd December 2021

Information in Pictures



Sri. R. Ajay Kumar, Ultra Tech Cements, A.P delivering the Lecture on various applications of cements

Major Water Quality Issues

Common issues of Surface and Ground water

- Pathogenic (Bacteriological) Pollution
- Salinity
- Toxicity (micro-pollutants and other industrial pollutants)

Surface Water

- Eutrophication
- Oxygen depletion
- Ecological health

Ground Water

- Fluoride
- Nitrate
- Arsenic
- Iron
- Sea water intrusion

Dr. M.Chandrasekhar, Professor, Department of Civil Engineering, NITW delivering the FDP on Advanced Topics in Water Resources and Environmental Engineering

- **Members** : P.Sreeja Niveditha (III Year), P.Taraka Lakshmi (III Year), V.Srilatha (III Year)
- **Editor**: M.Satyanarayana