



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar, Mylavaram-521230. A.P, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

NAAC Accredited New Delhi & Certified by ISO 9001:2015

### DEPARTMENT OF CIVIL ENGINEERING

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### Summary of Stake holder feedback and analysis on syllabus during the A.Y.: 2019-20

#### Students:

- Include more concepts of GATE syllabus in the curriculum.
- Introduce advance subjects according to the society needs.
- Introduce theory component of building planning in the syllabus.

#### Teachers:

- Introduce integrated course to carry theory and laboratory together.
- Revision of syllabus should be carried out based on the needs of competitive exams.
- Inclusion of advanced laboratory in the curriculum.
- Introduce advanced software related to core subjects in the form of workshops & training programs.

#### Employees:

- Modify the syllabus according to industry needs and competitive exams.
- Introduce modern software programming techniques required in professional demand.

#### Alumni:

- Remove unnecessary topics in syllabus.
- Give more practice on fundamental subjects.
- Include civil drawing subjects in syllabus.
- Introduce advanced software such as Python, Machine learning, artificial intelligence etc to Civil engineering students to meet the professional demand.

#### Parents:

- Motivate students to do more innovative projects.
- Conduct more no of industrial visits.
- Organise more workshops to develop skills needed for employment.

#### Action taken:

- Theoretical part of the Building planning and drawing subject is included in coming R20 regulations.
- Syllabus is being modified based on fundamentals and industry needs.
- Continuous updating of syllabus is being carried out for coming R20 regulations based on GATE syllabus and professional requirements.
- Staff colloquium is being organized to share the technical updates in the domain area and converting into effective output through projects or assignments.
- Workshops are organized to introduce latest software's/applications in civil engineering domain and encouraging students to use it in the projects.
- Remedial classes are being conducted for failed students and they are monitored for their academic improvement.
- Introducing integrated course which take theory and laboratory together.
- Introduced minor / mini projects based on society needs through Engineering Projects in Community Services.
- Introducing Machine learning, artificial intelligence in Engineering.
- Advanced laboratory is introduced to bring more practical exposure to students in coming R20 regulations.
- Few courses such as building materials, Concrete technology, Strength of materials and structural Analysis are trimmed to suit the GATE Syllabus, professional needs and AICTE requirements