



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. Reddy Nagar, Mylavaram-521 230. Andhra Pradesh, INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

NAAC Accredited with "B++" grade, New Delhi & Certified by ISO 9001:2015,

### DEPARTMENT OF CIVIL ENGINEERING

<http://www.lbrce.ac.in>, [hodcivil@lbrce.ac.in](mailto:hodcivil@lbrce.ac.in) Ph: 08659-222933, Fax: 08659-222931

#### MINUTES OF THE BOS MEET ORGANIZED ON 12.06.2019

The Board of Studies meeting is organized in the Civil Engineering Department on 12.06.2019. The following issues are discussed and approved.

#### A. Approval of-


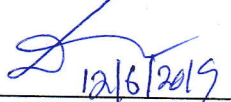
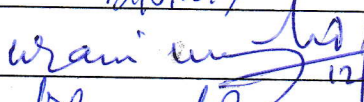
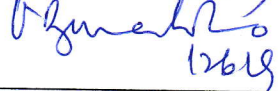
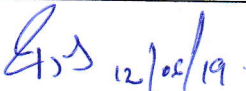


- Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch
- PO/PSO attainment targets for 2015 batch
- Stakeholders feedback
- Additional appointment of examiners and evaluators

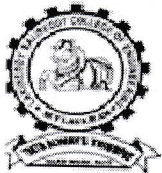
#### B. Review of current status and suggestions for improvement of-

- Result analysis
- Innovative teaching methodologies and evaluation techniques
- Research activities
- Advanced laboratory equipment
- Quality of student projects
- IE student chapter activities
- Co-curricular activities
- Consultancy activities
- Campus placements
- Industry oriented technical skills of students

#### C. Suggestions for proposed next regulations (R20) with regard to modifications in existing curriculum aspects

#### Signatures of members

1	<b>Dr K. Purnanandam</b> Professor, Civil Engineering Department JNTUK	<b>External member</b> <i>JNTUK Nominee.</i>	 12/6/19
2	<b>Dr D. Ramaseshu</b> Professor, Civil Engineering Department NIT-Warangal	<b>External Member</b> <i>Academician</i>	 12/6/2019
3	<b>Executive Engineer</b> R&B Division, Mylavaram	<b>External Member</b> <i>Industry</i>	 12/6/19
4	<b>Dr V. Ramakrishna</b> Professor & Head Civil Engineering Department, LBRCE	<b>Internal Member</b> <i>Chairman</i>	 12/6/19
5	<b>Sri J. Rangaiah</b> Assoc Professor, Civil Engineering Department, LBRCE	<b>Internal Member</b>	 12/06/19
6	<b>Sri B. Ramakrishna</b> Asst Professor Civil Engineering Department, LBRCE	<b>Internal Member</b>	
7	<b>Sri B. Narasimha Rao</b> Asst Professor Civil Engineering Department, LBRCE	<b>Internal Member</b>	 12/6/19



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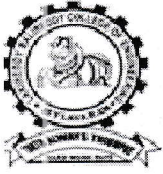
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#### MINUTES AND SUGGESTIONS DURING BOS MEET ON 12.06.2019

BOS meet was organized in Civil Engineering Department on 12.06.2019. The following items were approved and the suggestions were given as follows:

- A. Approval of-**
- Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch*  
Approved.
  - PO/PSO attainment for 2014 batch and targets for 2015 batch*
    - For fixing the targets, systematic approach based on average and standard deviation (SD) method is suggested.  
Target =  $X_{avg} + K (SD)$ , where K is statistical constant based on confidence interval (99%, 95% etc) of result.  
For conservative estimates, 90% confidence interval values can be considered.
  - Stakeholders feedback*  
Approved.
  - Additional appointment of examiners and evaluators*
    - If possible, introducing NIT-AP and IIIT-Nuzvidu faculty members in the list.
- B. Review of current status and suggestions for improvement of-**
- Result analysis*
    - Effective utilization of Remedial classes is needed for clearing failure students.
    - Advised to motivate the students for self study.
    - Introducing seminars on selected topics for weak students.
  - Research activities*
    - Try for collaborative research activities for funding projects.
    - Plan the student projects for society related problems and their solutions.
    - More papers to be published in quality journals.
  - Advanced laboratory equipment*
    - Equipment such as GPS, Speed gun, Total station, Pan evaporation equipment, Pulse velocity equipment for NDT testing, ArcGIS etc planned for effective usage in student projects such as PAL, PBL, Mini and major projects, Regular labs, and Funding projects.
  - Quality of student projects*
    - Encourage paper publication or attending conferences based on project related topics.
  - IE student chapter activities*
    - Identify appropriate resource persons for delivering guest lectures or conducting workshops based on the modern developments taking place in the subject such as Primavera, TE or GTE related software, Skill development activities.
  - Co-curricular activities*
    - No suggestions.
  - Consultancy activities*
    - Circulation of brochure to the possible major clients.





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- Bringing awareness among the nearby locals about importance of cube test or SBC test for their constructions.
  - Introducing Consultancy services as CSR policy.
- h. Campus placements*
- Preparing brochures and contacting the major industries/firms who have requirement for their project needs in the near-by areas.
  - Inviting key personnel of Industry to Institute or Department and improving interaction.
  - Conduct technical training classes for the students before they face the core companies.
- i. Industry oriented technical skills of students*
- Conducting GATE mock test or special technical training classes.
  - Encouragement or Incentives based on GATE results.
- j. Innovative teaching methodologies and evaluation techniques*
- Technology enabled learning practices through MOODLES should be encouraged.
  - Teaching based on practical approach through lab models, field visits.
  - Encouraging merit students based on their continuous progress of SGPA.
- C. Suggestions for proposed next regulations (R20) with regard to modifications in existing curriculum aspects*
- Tentative course structure for R20 is prepared with 14 PC subjects, 11 labs and 5 PEs with focus on GATE syllabus content.
  - Syllabus should be fine tuned to meet the number of classes available and the syllabus for competitive exams such as GATE, UPSC etc.
  - If needed, few subjects should be merged deleting obsolete topics.
  - Lab syllabus also should be modified to include only necessary experiments as per the available classes in the semester and provision may be given for 1 or 2 additional experiments depending on availability, which can be even demonstrative in nature.
  - It is advised that CE students should plan for IT related career through the concerned Open electives offered by the respective departments.

HOD-Civil