



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
(AUTONOMOUS)

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dt., Andhra Pradesh

**1.1.2 Approved Minutes of BoS and Academic Council meetings highlighting the syllabus revisions for 2015-16, 2016-17, 2017-18, 2018-19 and 2019-20.**

## Index

S. No.	Approved Minutes of BoS and Academic Council meetings for <b>2015-16, 2016-17, 2017-18, 2018-19 and 2019-20.</b>	Page No.
1	BOS Minutes of B. Tech Aerospace Engineering	2-13
2	BOS Minutes of B. Tech Civil Engineering	14-24
3	BOS Minutes of B. Tech Computer Science & Engineering	25-36
4	BOS Minutes of B. Tech Electrical & Electronics Engineering	37-56
5	BOS Minutes of B. Tech Electronics & Communication Engineering	57-78
6	BOS Minutes of B. Tech Electronics & Instrumentation Engineering	79-93
7	BOS Minutes of B. Tech Information Technology	94-117
8	BOS Minutes of B. Tech Mechanical Engineering	118-160
9	BOS Minutes of Master of Business Administration	161-183
10	BOS Minutes of Master of Computer Applications	184-188
11	BOS Minutes of M. Tech Power Electronics & Drives	189-201
12	BOS Minutes of M. Tech VLSI & Embedded Systems	202-214
13	BOS Minutes of M. Tech Thermal Engineering	215-224
14	BOS Minutes of M. Tech Computer Science & Engineering	225-229
15	<b>Academic Council Minutes</b>	230-283

*g. nvd*  
Principal

**PRINCIPAL**  
Lakireddy Bali Reddy College of Engg.  
MYLAVARAM 521 230.

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
**L.B.REDDY NAGAR MYLAVARAM 521320, KRISHNA (DT)**  
**Department of Aerospace Engineering**

The Board of Studies meeting is scheduled on 04-03-2017 in the Department of Aerospace Engineering.

**The Agenda of the Meeting**

- i) Course structure for R-17 Regulations
- ii) Electives to be offered under PE & OE
- iii) Add-on courses
- iv) Audit & Mandatory courses

**Members Present**

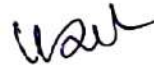
**Chairman BOS**

Dr. P. Lovaraju  
Head, Department of Aerospace Engineering,  
LBRCE, Mylavaram.



**University Nominee**

Dr. V.V. Subbarao,  
Professor  
Dept. of Mechanical Engineering,  
College of Engineering, JNTUK, Kakinada.



**Subject Expert (Academic)**

Dr. S. Thanigaiarasu,  
Associate Professor,  
Aerospace Engineering Department,  
Madras Institute of Technology,  
Anna University, Chennai 600 044



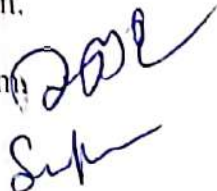
**Subject Expert (Industry)**

Mr. A.V Raghupathy,  
Scientist E, AFV, Assy,  
Combat Vehicle Research and Development Establishments (CVRDE),  
DRDO, Avadi, Chennai



**Internal Members**

1. Dr. B. Eswara Kumar, Professor, Dept. of Aerospace Engineering, LBRCE, Mylavaram.
2. Mr. S. Indrasena Reddy, Asst. Professor, Dept. of Aerospace Engineering, LBRCE, Mylavaram.
3. Mr. I. Dakshina Murthy, Asst. Professor, Dept. of Aerospace Engineering, LBRCE, Mylavaram.
4. Mr. P. Sudheer Babu, Asst. Professor, Dept. of Aerospace Engineering, LBRCE, Mylavaram.



## Minutes of the meeting.

- ① Sheet Metal Trade has to be included either in Engineering workshop or Basic Mechanical Engineering Lab
- ② Computer Based Engineering Drawing is to be renamed as Engineering Drawing & CAD Lab
- ③ Engineering fluid mechanics is to be renamed as fluid mechanics & Machinery and also Friction Lab is to be renamed as fluid mechanics & Machinery Lab.
- ④ In the Manufacturing Technology Course Emphasize the content on Electron beam welding & Laser welding.
- ⑤ In the Instrumentation, measurement & Experiments in fluids course, incorporate sensor's information.

## Overall comments of BOS member

The Course structure for the Aeronautical degree is very well framed and it covers equally all the topics of Aeronautics.

~~Dr. S. Thanigaisan~~  
Dr. S. Thanigaisan  
Subject expert Academie  
Asso. Prof. Dept. of  
Aerospace Engg.  
MIT Campus, Anna University

Reviewed the course structure thoroughly and finalized.

The course structure is well balanced and latest courses are being included which serves the needs of a Industry. Also the course structure is prepared based on the ~~ABE~~ outcome based Educat and choice based credit system is well considered. Internal Marks Component should be low, otherwise it may lead to some other complications in the system. I recommend it to be (30+70) Use

DVV, Subba Rao

Prof of IIT,  
University Nominee

JNTU Kakinada,  
4/4/17

Reviewed the course structure elaborately and finalized the syllabus with balanced and considering the latest trends in the Aero space sector.

I have given some value additions in some some subjects which may be implemented.

Overall the syllabus framed is very good meeting all the expectations of the new generation.

A. V. S. 'set's'  
(A. V. S. 'set's')  
Aeros, Aero,  
Subject Expert.  
Industry.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram - 521230, Krishna District, Andhra Pradesh, India  
Department of Aerospace Engineering

Website: <http://www.lbrce.ac.in> Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in) Phone: 08659-222933 Ext: 513/515

Date: 03-02-2018

### Minutes of Board of Studies (BOS) Meeting

- The BOS Chairman welcomed the external members of Board of Studies and introduced internal members.
- BOS Chairman has given brief introduction about the minutes of previous BOS meeting held on 04/03/2017. The Chairman mentioned that, R-17 course structure and detailed syllabus for the courses of I to IV semester were finalized based on inputs from BOS members.
- BOS chairman presented the agenda of this meeting and mentioned that the major agenda point is to discuss on the detailed syllabus for the courses of V to VIII Semester.
- The chairman requested all the members to go through the syllabus and requested their views and suggestions.
- The members suggested some modifications for few courses and the modifications are incorporated as mentioned below.

**Propulsion - I:** The content has been reduced based on its scope. Some topics are like 3-D analysis, compressor blade design, centrifugal and axial compressor performance characteristics and matching of turbine with compressor are not within the scope of undergraduation

**UAV System Design:** Power plant selection may be included by limiting the Avionics content.

**Propulsion - II:** Propulsion Fuel system may be given importance

**Combustion in Aerospace Vehicles:** Content in fundamental concepts may be made simple.

**Experimental Stress Analysis:** A text book of "Stress Analysis and Experimental Techniques: An introduction" by J Srinivas may be considered as text book.

**Industrial Aerodynamics:** Syllabus has to be prepared based on the application (Non-Aerospace) such as Building, Automobile, Wind Turbine, Bird Aerodynamics and Sports Aerodynamics.

**Computational Fluid Dynamics:** A text book on "Computational Fluid Dynamics and Heat Transfer" by Dr.S Thanigaiarasu may be considered as text book.

**Hypersonic Aerodynamics:** Topic on shock wave boundary layer interaction may be introduced.


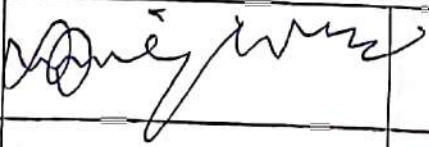
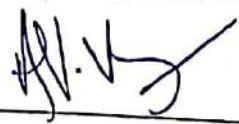
**Propellant Technology:** All the units may be reconstructed as the following: 1.Solid Propellant, 2. Liquid Propellant, 3. Hybrid Propellant, 4. Cryogenic Propellant, 5. Preparation and Testing of Propellant.

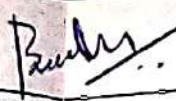


Detailed discussion on CO statements and CO-PO mapping took place.

Employability Enhancement skills I may be pertaining to quantitative aptitude and Employability Enhancement Skills II may be pertaining to verbal and Non verbal ability

AICTE model curriculum has been discussed and care should be taken while selecting the program core courses.

BOS members approved the list of external examiners.

	Not Present		
Dr.P.Lovaraju Chairman Head of the Department Dept. of Aerospace Engineering LBRCE	Dr.V.V.Subbarao University Nominee Professor Dept. of Mechanical Engineering JNTUK, Kakinada	Dr.S.Thanigaiarasu Subject Expert, Academic Associate Professor Dept. of Aerospace Engineering MIT, Anna University, Chennai	Mr.A.V.Ragupathy Subject Expert, Industry Scientist E, AFV, Assy, CVRDE DRDO, Avadi, Chennai

		
Dr.B.Eswara Kumar Professor LBRCE	Dr.S.R.Dhinesh Kuamr Associate Professor LBRCE	Mr.L.Prabhu Sr.Assistant Professor LBRCE



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram - 521230, Krishna District, Andhra Pradesh, India  
Department of Aerospace Engineering

Website: <http://www.lbrce.ac.in> Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in) Phone: 08659-222933 Ext: 513/515

Date: 09-06-2018

## Minutes of Board of Studies (BOS) Meeting

- BOS chairman presented the agenda of this meeting and mentioned that the major agenda point is to discuss on AICTE Model Curriculum to implement forthcoming R19 Regulations (WEF:2019-20).
- The BOS members recommended the Equivalent/Substitute courses as listed below for students readmitting into R14 to R17 regulations.

Readmitting into III Semester	No Substitute courses are required
Readmitting into IV Semester	Environmental Studies course is offered in III semester of R14 regulations. However the same course is offered in IV semester of R17 regulations. He/she has to register for Professional Ethics and Human values.
Readmitting into V Semester	Theory of Machines is offered in IV semester of R14 regulations. But in R17 it is listed in Program Elective I courses in V semester. So, he/she should opt for other than this course in Program Elective I.
Readmitting into VI Semester	Aircraft Structures II is offered in V semester of R14 regulations. But in R17 it is offered in VI semester. So, he/she may be offered Engineering Economics and Accountancy. He/she has studied Aircraft Performance in V semester of R14 regulations, he/she may offered Aircraft Stability and Control in the VI semester of R17 regulations instead of Flight Dynamics.
Readmitting into VII Semester	Mechanics of Composites is offered in VI semester of R14 regulations. But in R17 it is offered in VII semester. So, he/she may be offered Aerospace Materials.
Readmitting into VIII Semester	Since only program elective courses are offered in VIII semester of R17 regulations, he/she has to choose the electives accordingly.




➤ The following number of courses are identified by considering total credits as per the AICTE model curriculum, January 2018.




**Program Core Courses:** Engineering Fluid Mechanics, Engineering Thermodynamics, Strength of Materials, Elements of Aerospace Engineering, Aerodynamics I, Aircraft Structures, Manufacturing Technology, Elements of Heat Transfer, Aerodynamics II, Aircraft Propulsion, Aircraft Systems and Instruments, Flight Dynamics, Instrumentation, Measurements, and Experiments in Fluids.

**Program Core Laboratory Courses:** Fluid Mechanics & Hydraulic Machinery, Strength of Materials, Applied Thermodynamics, Manufacturing Technology, Heat Transfer, Aerodynamics, Propulsion, Aircraft Structures, Aircraft Component Modeling and Analysis, Aircraft Design.

**Program Elective Courses:** Theory of Machines, CAD/CAM, Non-Destructive Testing, UAV System Design, Advanced Structural Analysis, Computational Fluid Dynamics, Finite Element Methods in Engineering, Mechanics of Composites, Rocket Propulsion, Aerodynamics of Missiles and Launch vehicles, Combustion in Aerospace Vehicles, Experimental Stress Analysis, Space Mechanics, Applied Gas Dynamics, Introduction to Space Technology, Theory of Elasticity, Introduction to Smart Structures, Boundary Layer Theory, Advanced Propulsion Systems, Theory of Plates and Shells, Aero Engine Repair and Maintenance, Helicopter Engineering, Wind Engineering, Cryogenics, Aero Elasticity.

- All the major course outcomes were reviewed and approved with minor modifications.
- A certification program on Hypermesh was suggested in the department calendar of events for the AY 2018-19.
- The BOS members have made suggestions on applying for sponsored research projects.
- BOS members approved the list of external examiners for the AY 2018-19.
- Suggested some methodologies in teaching and learning process.
- It has been advised to prepare a separate self-appraisal form as per the cadre (Assistant Professor, Associate Professor and Professor).

	<i>Not Attended</i>		
Dr.P.Lovaraju Chairman Head of the Department Dept. of Aerospace Engineering LBRCE	Dr.V.V.Subbarao University Nominee Professor Dept. of Mechanical Engineering JNTUK, Kakinada	Dr.S.Thanigalarasu Subject Expert, Academic Associate Professor Dept. of Aerospace Engineering MIT, Anna University, Chennai	Mr.A.V.Ragupathy Subject Expert, Industry Scientist E, AFV, Assy, CVRDE DRDO, Avadi, Chennai

		
Dr.B.Eswara Kumar Professor LBRCE	Dr.S.R.DhineshKuamr Associate Professor LBRCE	Mr.L.Prabhu Sr.Assistant Professor LBRCE





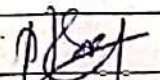
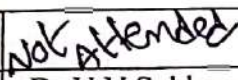
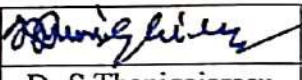
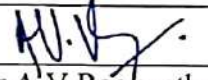
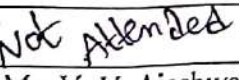
**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
(AUTONOMOUS)

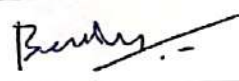

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram - 521230, Krishna District, Andhra Pradesh, India  
Department of Aerospace Engineering  
Website: <http://www.lbrce.ac.in> Email: [lbrce@lbrce.ac.in](mailto:lbrce@lbrce.ac.in) Phone: 08659-222933 Ext: 513 515

Date: 15<sup>th</sup> Dec 2018

**Minutes of Board of Studies (BOS) Meeting**

- Chairman of BOS welcomed the members and presented the agenda of the meeting.
- Course Outcomes of all core courses were discussed and approved without any changes. Program Specific Outcome 2 is slightly modified and approved by the members of BOS.
- Course Outcomes and Program Outcomes mappings of core courses were discussed and approved with minor changes (modifications are included in mappings).
- Course Outcomes and Program Outcomes attainment process were explained to members and it was approved without any modification.
- The feedback given by stakeholders on the curriculum was shown and discussed. The implementation of feedback in the curriculum was found to be effective.
- Members of BOS advised us to take feedback from every stakeholder to frame the effective curriculum for the upcoming regulation.
- Teaching methodologies and evaluation techniques practiced in the department were discussed. Expert members suggested to impart more practical learning methodology.
- The list of external examiners was approved by the members.
- The end semester examination results of III and V semester for the academic year 2018-2019 were shown to the members. The expert members asked to concentrate on "Engineering Fluid Mechanics" course which has more number of failures.
  - i. BOS chairman explained the reason for more number of failures and action taken against it.
  - ii. Results of V semester was found to be promising.
- Course Outcomes and Program Outcomes attainment level of 2014-2018 batch students were discussed. Members suggested to increase and decrease the Course outcomes target level of particular courses (Annexure-I).
- Distribution of course components of R17 found to be in-line with AICTE model curriculum.


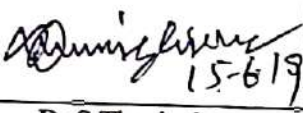

 Dr.P.Lovaraju Chairman Head of the Department Dept. of Aerospace Engineering LBRCE	 Not Attended Dr.V.V.Subbarao University Nominee Professor Dept. of Mechanical Engineering JNTUK, Kakinada	 Dr.S.Thanigaiarasu Subject Expert, Academic Professor Dept. of Aerospace Engineering MIT, Anna University, Chennai	 Mr.A.V.Ragupathy Subject Expert, Industry Scientist E, AFV, Assy, CVRDE DRDO, Avadi, Chennai	 Not Attended Mr. V. V. Ajeshwar NDT Engineer, GMR Aerotechnic Ltd, RGI Airport, Samshabad, Hyderabad, Telangana-500108.
--	--	--	---	--



 Dr.B.Eswara Kumar Professor LBRCE	 Dr.L.Prabhu Associate Professor LBRCE
--	--

Date: 15-06-2019

Minutes of Board of Studies (BOS) Meeting

- The BOS Chairman welcomed the external members of Board of Studies and introduced internal members.
- BOS Chairman has given brief introduction about the minutes of previous BOS meeting held on 15/12/2018.
- BOS chairman presented the agenda of this meeting and mentioned that the major agenda point is to discuss on AICTE Model Curriculum to implement forthcoming R 20 Regulations.
- The chairman requested all the members to go through the R17 course structure, requested to suggest modifications in program core courses that are to be implemented in R20 regulations as per the requirements of AICTE model curriculum.
- Expert members suggested that one program elective course can be exempted if students undergo 6 weeks' internship in reputed institutions.
- Expert members insisted to increase Credit for Project work to 12 which is equivalent to four three-credit course instead of 11 credits.
- Members suggested to remove the word dissertation from R20 course structure in VIII semester.
- Expert Members suggested to split the Aircraft Structures course to Aircraft Structures I and Aircraft Structures II in professional core.
- Calendar of the events for the AY: 2018-2019 was shown to the BOS members.
- Research activities carried out in the department were discussed with members and expert members were extremely happy with the activities.
- Even semester end exam results for AY: 2018-2019 were shown to the members. They found the results were promising.
- Expert members advised to use ICT and technology enabled learning (TEL) to make effective teaching.
  - BOS chairman explained them that LBRCE is using MOODLE platform to enhance the teaching learning method.
- The list of external examiners was approved by the members.
- COs and POs attainment levels for AY: 2019-2020 were discussed and members suggested to modify the attainment target level of particular courses.

	NOT Attended	 15-6-19		Not Attended
Dr.P.Lovaraju Chairman Head of the Department Dept. of Aerospace Engineering LBRCE	Dr.V.V.Subbarao University Nominee Professor Dept. of Mechanical Engineering JNTUK, Kakinada	Dr.S.Thanigaiarasu Subject Expert, Academic Professor Dept. of Aerospace Engineering MIT, Anna University, Chennai	Mr.A.V.Ragupathy Subject Expert, Industry Scientist E, AFV, Assy, CVRDE DRDO, Avadi, Chennai	Mr. V. V. Ajeshwar NDT Engineer, GMR Aerotechnic Ltd, RGI Airport, Samshabad, Hyderabad, Telangana- 500108.

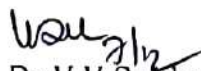
 - 15/6/19	 15/6/19
Dr.B.Eswara Kumar Professor LBRCE	Dr.L.Prabhu Associate Professor LBRCE

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DT., AP-521 230  
**DEPARTMENT OF AEROSPACE ENGINEERING**  
**Course Structure-R20**  
**Minutes of the BOS Meeting held on 7<sup>th</sup> Dec, 2019**

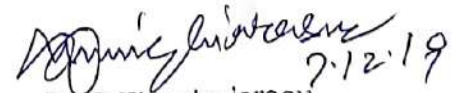
- The BOS Chairman welcomed the external members of Board of Studies and introduced internal members.
- BOS chairman presented the agenda of this meeting and mentioned that the major agenda point is to finalize R20 course structure as per AICTE Model Curriculum.
- Members insisted on courses related automated systems, Machine Learning, MATLAB, Python, C – language in the course structure
- In the course of Programming for Problem Solving with C, Data Structures must be incorporated in the syllabus.
- A project work can be executed in the Engineering Mechanics Course.
- EPICS-I ... option may be given to the student to execute this as an Engineering Mini Project.
- EPICS - II may be converted as Mini Project.
- The members felt “Essence of Indian Traditional Knowledge” course may be exempted.
- The title of Material Science and Manufacturing Technology is changed to Aerospace Materials and Manufacturing.
- Air breathing propulsion is introduced in place of Thermal Engineering course
- MATLAB Applications in Engineering Lab course may be evaluated along with a project.
- Program Elective – I Smart Structure is incorporated in place of Aerospace Materials.
- Employability Enhancement Skills – I, II need not have credits.
- Gas Turbines and Rocket Propulsion is renamed as Space Vehicle Propulsion.
- Program Elective – II Control Systems is incorporated in place of Experimental Stress Analysis.
- Program Elective – III Astronautics, and Theory of Elasticity are incorporated.
- Program Elective – V Avionics is introduced.
- Open Elective – I Java Programming, and Python Programming should not be in same semester.
- Open Elective – III Medical Image Processing course name may be renamed as Image Processing.
- Open Elective – IV There is no scope for Aerospace students to opt any course.
- Open Elective – IV Shell Programming/Networking may be offered
- Open Elective – V Thermal and Nuclear Power Plant Engineering may be opted to Aerospace Engineering.

  
07/12/19

Dr.B.Eswara Kumar

  
7/12

Dr.V.V.Subba Rao

  
7.12.19

Dr.S.Thanigaiarasu



Mr.A.V.Raghupathy

Mr.V.V.Ajeshwar

  
7/12/19

Dr.P.Lovaraju

  
7/12/19

Dr.L.prabhu



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,

Accredited by NAAC, An ISO 9001:2015 Certified Institution

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

## Department of Aerospace Engineering

Website: <http://lbrce.ac.in>

Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in)

Phone: 08659-222933 Ext: 513/515

Date: 12<sup>th</sup> July, 2020

### Minutes of Board of Studies (BOS) Meeting

- Chairman of BOS welcomed the members and presented the agenda of the meeting.
  - Discussion and finalization of modified course structure of R20 regulations
  - Discussion and finalization of syllabus and course outcomes of the semester I to IV
  - Salient features in R20 regulations
- BOS chairman presented the modified course structure of R20 regulations. The modification in structure as follows:
  - Universal Human Values is included in the place of Professional Ethics in the II semester
  - EPICS-I is placed in III semester (earlier it was in IV semester)
  - EPICS-II is placed in IV semester (earlier it was in V semester)
  - Aircraft Design (integrated Course) is converted into Aircraft design lab in VII semester
- Course structure of R20 is approved with following suggestions by BOS members:
  - The subject name Aerodynamics-II as Gas dynamics in IV semester.
  - The Engineering Physics course may be accommodated in the I semester instead of in the II semester.
  - On academic flexibility of students in VIII semester SPOC must be given as an option in addition to MOOCs to carry out the B. Tech project in MHRD / Research institutions for the complete semester.
  - In the pool of open electives, Data Analytics courses must be included.
- BOS members approved the course syllabus and course outcomes from I to IV semester with minor changes as follows:
  - In I semester Engineering Mechanics Lab – BOS members suggested to add Virtual experiment using IOT.
  - In III semester, Elements of Aerospace Engineering course – BOS members suggested to add a book “Flight without formulae” by Kermode
  - In IV semester Aerospace Materials and Manufacturing Technology course – BOS members suggested to change the course content in Unit II and to add basics of materials i.e Piezoelectric material, shape memory alloy, functional graded materials etc.,



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi,  
Accredited by NAAC, An ISO 9001:2015 Certified Institution  
L.B.Reddy Nagar, Mylavaram - 521 230, Krishna District, Andhra Pradesh, INDIA

## Department of Aerospace Engineering

Website: <http://lbrce.ac.in>

Email: [hodaero@lbrce.ac.in](mailto:hodaero@lbrce.ac.in)

Phone: 08659-222933 Ext: 513/515

- IT tool/computational usage in EPICS-I and EPICS-II is proposed by BOS members.
- In IV semester Thermal Engineering course – BOS member asked to replace the core course related to aerospace engineering by merging the Thermal Engineering syllabus with Engineering Thermodynamics course in III semester or the syllabus of Thermal Engineering need to be revised.
- BOS members asked to follow the policy and procedures prescribed by JNTUK on detention policy of students in R20.
- In any of the Mathematics course, the syllabus should be application oriented and it should be related to Aerospace applications - suggested by BOS members.
- In V semester, Internship course, BOS members asked to provide the minimum duration of 8 weeks for industrial internship.
- BOS members asked to ensure that the curriculum must be in-line with the present industry scenario i.e student must be trained with more number of IT tools in core Engineering domain.

BoS-Chairman	University Nominee	Subject Expert (Academic)	Subject Expert, (Industry)	Alumni
Dr.B.Eswara Kumar, Head of the Department Dept. of Aerospace Engineering LBRCE	Dr.V.V.Subbarao Principal, JNTU N, Narasaraopet, JNTUK, Kakinada	Dr.S.Thanigaiarasu, Professor & Head, Dept. of Aerospace Engineering MIT, Anna University, Chennai	Mr.A.V.Ragupathy Scientist F, AFV, Assy, CVRDE DRDO, Avadi, Chennai	Mr. V. V. Ajeshwar NDT Engineer, GMR Aerotechnic Ltd, RGI Airport, Samshabad, Hyderabad, Telangana-500108.

Internal Member	Internal Member
Dr. P. Lovaraju Professor-Dean Academics, Dept. of Aerospace Engineering LBRCE	Dr.L.Prabhu, Associate Professor, Dept. of Aerospace Engineering LBRCE



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.REDDY NAGAR, MYLAVARAM-521 230.A.P. INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NBA

New Delhi & Certified by ISO 9001:2008

DEPARTMENT OF CIVIL ENGINEERING (C.E Dept)

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

## MINUTES OF BOS MEETING 2016

Date: 07-05-2016

The BOS meeting is organized in Civil Engineering Department of LBRCE on 7<sup>th</sup> May 2016. The following points are discussed and finalized.

1. Approval of Department Vision, Mission, PEO: The Department Vision, Mission, PEO of Department are approved.
2. Approval of POs and PSOs: The Department Vision, Mission, PEO of Department are approved with minor modifications.
3. Approval of course content division and program division matrix: The course content division and program division matrix are approved.
4. **Modifications in R14 Regulations and syllabus:** The restructured electives in R14 Regulations are approved. Minor suggestions are given in syllabus coverage and documentation.
5. Approval of COs for R11 regulations and syllabus: The COs for R11 Regulations and syllabus are approved.
6. Approval of modified COs for R14 regulations and syllabus: The modified COs for R14 syllabus and corresponding syllabus are approved.
7. Approval of CO to PO+PSO mapping of R11 syllabus: The mapping of COs with PO+PSO for R11 Regulations is approved.
8. Approval of CO to PO+PSO mapping of R14 syllabus: The mapping of COs with PO+PSO for R14 Regulations is approved.
9. Approval of PO+PSO/CO attainment process and weights: The computation procedure for CO/PO+PSO attainment process is approved with the following weights:
  - Attainment of CO is considered for  $\geq 60\%$  of attainment for each CO
  - R-11 Regulations: Weightage for end semester and internal exams: 60% and 40% respectively
  - R-14 Regulations: Weightage for end semester, internal exams and assignments: 50%, 40% and 10% respectively
  - Correlation of CO with PO+PSO is rated on 3-point scale as follows: 3 (high correlation with 100% weight), 2 (moderate correlation with 67% weight), and 1 (low correlation with 33% weight).
10. Approval of list of Examiners: The list comprising of panel of examiners for the proposed spot valuation conducted at LBRCE and for all laboratory examinations is approved.
1. Identification of MOOCs course in 7<sup>th</sup> semester: A MOOCs course is conducted in 7<sup>th</sup> semester as per JNTUK instructions. Appropriate course within the course structure of



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. REDDY NAGAR, MYLAVARAM-521 230, A.P. INDIA

Affiliated to JNTUK, Kakatada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NBA

New Delhi & Certified by ISO 9001:2008

DEPARTMENT OF CIVIL ENGINEERING (C.E Dept)

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

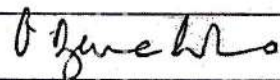
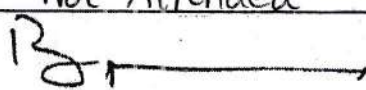
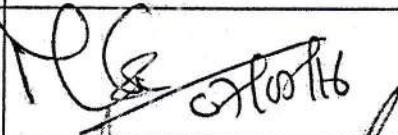
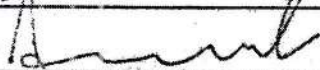
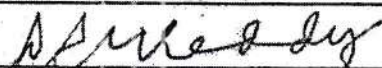
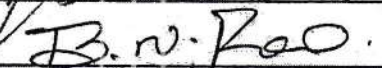

## MINUTES OF BOS MEETING 2016

R14 Regulations and based on JNTUK criteria should be identified for the purpose. In case required an additional course may be added to the course structure for the purpose.

12. Any Other: Nil

  
Chairman BOS

### Signatures of the BOS members present

1	Dr V. Ramakrishna	Chairman, BOS	
2	Dr.V.Ramana Murthy	University Nominee	Not Attended
	Dr B. NageswaraRao	Subject expert (Academic)	
	Dr ManchikantiSrinivas	Subject expert (Academic)	
	Sri. K. Devanandam	Industry	
	Dr N.R.M. Reddy	Internal Member	
	Sri B. NarasimhaRao	Internal Member	
	Sri B. Ramakrishna	Internal Member	



**LAKKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF CIVIL ENGINEERING**  
(Autonomous & Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi,  
NAAC Accredited with 'A' grade, Certified by ISO 9001: 2015)  
L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.

**BOS MEETING ON 03-02-2018 FOR R-17 REGULATIONS**

**MINUTES OF THE MEETING**

2017-18

The Board of studies meeting held on 03-02-2018 in the department of Civil Engineering discussed the following items of R-17 regulations of B. Tech.

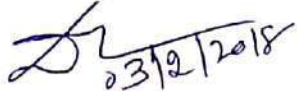


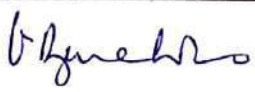
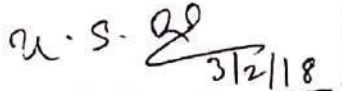
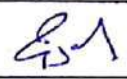

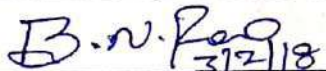
**A:** Detailed discussions on the following had been done and are approved:

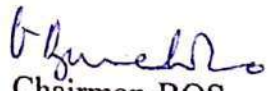
1. B. Tech 3<sup>rd</sup> and 4<sup>th</sup> year Civil Engineering Syllabus.
2. Course Outcomes for B. Tech 3<sup>rd</sup> and 4<sup>th</sup> year Civil Engineering Syllabus.
3. Panel of Examiners list for paper setters, paper valuers, Project work adjudicators, departmental laboratory courses etc.
4. Evaluation scheme and syllabus for Employability Enhancement Skills Courses.

**B:** The following items are also discussed and suggestions were given:

1. Possible implementation of AICTE model curriculum-2018 at Civil Engineering Department, LBRCE.
2. Minor modifications in the syllabus of Structural Analysis-I of 4<sup>th</sup> semester.

**Signatures of the Members**

1	<b>Dr. D. Ramaseshu</b> Professor, Civil Engg Dept, NIT-Warangal	<b>External Member</b> JNTUK Representation	 03/2/2018
2	<b>Dr A. Venuchandra</b> Assistant Professor Civil Engg Dept, IIT- Madras	<b>External Member</b> Academician	
3	<b>Sri. K. Devanandam</b> Executive Engineer R & B Division, Mylavaram	<b>External Member</b> Industry Representation	 3/2/18
4	<b>Dr. V. Ramakrishna</b> Professor and HOD, Civil Engg Dept, LBRCE	<b>Internal Member</b> Chairman	
5	<b>Dr. K. Srinivasa Reddy</b> Professor and Vice-Principal Civil Engg Dept, LBRCE	<b>Internal Member</b>	 3/2/18
6	<b>J. Rangaiah</b> Assoc. Prof., Civil Engg Dept, LBRCE	<b>Internal Member</b>	
7	<b>B. Ramakrishna</b> Asst. Prof., Civil Engg Dept, LBRCE	<b>Internal Member</b>	
8	<b>B. Narasimha Rao</b> Asst. Prof., Civil Engg Dept, LBRCE	<b>Internal Member</b>	 3/2/18

  
Chairman-BOS  
(Dr V. Ramakrishna)





**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (Autonomous)**

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
NAAC Accredited with "A" 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 15.12.2018**

The Board of Studies meeting is organized in the Civil Engineering Department on 15.12.2018. The following issues are discussed and approved.

**A. Approval of-**


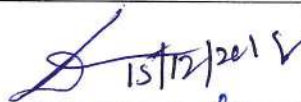
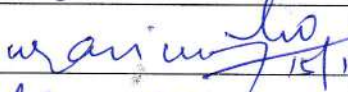
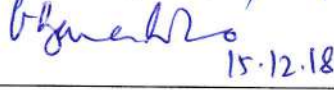

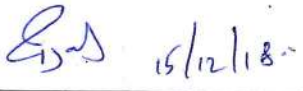
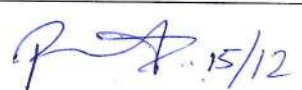
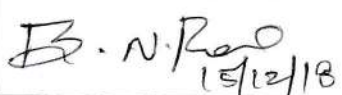
- Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch
- PO/PSO attainment for 2014 batch and targets for 2015 batch
- Stakeholders feedback
- Additional appointment of examiners and evaluators

**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>	 15.12.18
2	<b>Dr D. Ramaseshu</b> Professor, Civil Engineering Department NIT-Warangal	<b>External Member</b> <i>Academician</i>	 15/12/2018
3	<b>Executive Engineer</b> R&B Division, Mylavaram	<b>External Member</b> <i>Industry</i>	 15/12/18
4	<b>Dr V. Ramakrishna</b> Professor & Head Civil Engineering Department, LBRCE	<b>Internal Member</b> <i>Chairman</i>	 15.12.18
5	<b>Dr K. Srinivasa Reddy</b> Professor & Vice-Principal Civil Engineering Department, LBRCE	<b>Internal Member</b>	 15/12
6	<b>Sri J. Rangaiah</b> Assoc Professor, Civil Engineering Department, LBRCE	<b>Internal Member</b>	 15/12/18
7	<b>Sri B. Ramakrishna</b> Asst Professor Civil Engineering Department, LBRCE	<b>Internal Member</b>	 15/12
8	<b>Sri B. Narasimha Rao</b> Asst Professor Civil Engineering Department, LBRCE	<b>Internal Member</b>	 15/12/18



**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (Autonomous)**

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
NAAC Accredited with "A" 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 AND SUGGESTIONS DURING BOS MEET ON 15.12.2018**

BOS meet was organized in Civil Engineering Department on 15.12.2018. The following items were approved and the suggestions were given as follows:

**A. Approval of-**

a. *Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch*

Approved.

b. *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.

c. *Stakeholders feedback*

Approved.

d. *Additional appointment of examiners and evaluators*

- If possible, introducing NIT-AP and IIT-Nuzvidu faculty members in the list.

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

a. *Result analysis*

- Introducing seminars on selected topics for weak students.
- Advised to motivate the students for self study.

b. *Research activities*

- Innovative ideas such as Solar roof sheets, Demolition waste usage, Pilot studies etc are suggested for exploring possible solutions.
- Try to apply for more funding projects and procure advanced equipment. This will enable improved exposure to the staff members, students besides improving the teaching, consultancy and research abilities.

c. *Advanced laboratory equipment*

- Planning for effective usage in student projects such as PAL, PBL, Mini and major projects, Funding projects.

d. *Quality of student projects*

- Encouragement to students for best projects.

e. *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.

f. *Co-curricular activities*

- No suggestions.

g. *Consultancy activities*

- Circulation of brochure to the possible major clients.
- Bringing awareness among the nearby locals about importance of cube test or SBC test for their constructions.
- Introducing Consultancy services as CSR policy.



**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 with "A" 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

*h. Campus placements*

- Preparing brochures and contacting the major industries and also 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.

*i. Industry oriented technical skills of students*

- Conducting GATE mock test.
- Incentives based on GATE results.

*j. Innovative teaching methodologies and evaluation techniques*

- 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*

- Credits should not be changed from that of R17 regulations since it is difficult to cover syllabus based on the minimum core courses prescribed by AICTE.
- Regarding **Open Book** test, since the minimum weightage prescribed by AICTE is not known, the Open book test can be adopted for any one of the two Mid exams that are currently being conducted.

  
HOD-Civil



## 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-

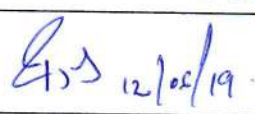
- Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch
- PO/PSO attainment targets for 2015 batch
- Stakeholders feedback
- Additional appointment of examiners and evaluators

#### 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



**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 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-**

a. *Updated COs, CO-PO/PSO mapping, justification of the same for 2017 batch*

Approved.

b. *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.

c. *Stakeholders feedback*

Approved.

d. *Additional appointment of examiners and evaluators*

- If possible, introducing NIT-AP and IIT-Nuzvidu faculty members in the list.

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

a. *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.

b. *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.

c. *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.

d. *Quality of student projects*

- Encourage paper publication or attending conferences based on project related topics.

e. *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.

f. *Co-curricular activities*

- No suggestions.

g. *Consultancy activities*

- Circulation of brochure to the possible major clients.



## 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

- 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

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DT., AP-521 230  
DEPARTMENT OF CIVIL ENGINEERING

Date: 07-12-2019

MINUTES OF BOARD OF STUDIES (BOS) MEETING

Following are the minutes of the BOS meeting held in Civil Engineering Department on 7-12-2019 in view of the proposed R20 Regulations for B.Tech Civil programme:

1. *Finalization of course structure for B. Tech Program under R 20 regulations*
  - The proposed course structure for B.Tech programme under R20 Regulations is thoroughly discussed and approved by the BOS members.
2. *Detailed discussion on course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs)*
  - The course content for I-IV semesters under R20 Regulations is discussed and approved.
  - Very few suggestions for **addition of experiments/topics**, if possible, are suggested which will be discussed in the department before finalizing the contents.
3. *Discussion and approval of Open Electives*
  - The proposed open electives and their objectives of floating to students of other departments are discussed and are approved.
  - It is suggested by the BOS members to consider the possibility of floating RS & GIS, which is a programme core course, as open elective to the other departments in future.
4. *Discussion on UG Degree with additional Minor Engineering (20 credits through MOOCs- as per AICTE Model curriculum)*
  - The BOS members opined that the best option for floating Minor degree is Choice-2, where 40% credit is given to Lab component.
  - The MOOCS subjects that are being proposed for awarding Minor degree may not fit the minimum needs of departmental requirement. Hence the options given are-
    - The list of subjects under MOOCS to be taken by the students must be approved by the Department.
    - Alternately, the department should float a list of 7 subjects to be offered for awarding Minor degree based on the technical exposure and coverage required by the student.

  
BOS-Chairman

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
**L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DT., AP-521 230**  
**DEPARTMENT OF CIVIL ENGINEERING**

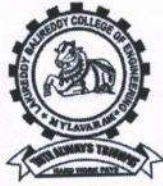
Date: 07-12-2019

Minutes of Board of Studies (BOS) Meeting

- 1) The Scheme and Syllabus has been thoroughly discussed and suitable changes have been made in tune with the AICTE guidelines S 7/12/19
- 2) The open Elective Courses were finalised keeping in view of generality and advances in the field of civil Engg.
- 3) For the integrated Courses the Evaluation Procedure discussed and it is recommended to follow the "Case-II : Procedure"
- 4) The Project works related to road safety and traffic management to be introduced. KS
- 5) Project works on building planning, designs, geometrical design of roads, Road junctions design, advanced foundations designs can be given.

S. No	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr V. Ramakrishna	<i>[Signature]</i> 7/12/19
2	University Nominee	Dr K. Purnanandam	<i>[Signature]</i> 7/12/19
3	Subject Expert (Academic)	Dr D. Ramaseshu	<i>[Signature]</i> 7/12/19
4	Subject Expert (Industry)	Executive Engineer R & B, Department, Mylavaram	<i>[Signature]</i> 7/12/19
5	Internal faculty	Dr J. Venkateswara Rao	<i>[Signature]</i> 07/12/19
6	Internal faculty	Sri J. Rangaiah	<i>[Signature]</i> 07/12/19
7	Internal faculty	Sri B. Ramakrishna	<i>[Signature]</i> 7/12
8	Internal faculty	Sri B. Narasimha Rao	<i>[Signature]</i> 7/12





## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

Approved by AICET, New Delhi. Accredited by NBA & Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, [cselbreddy@gmail.com](mailto:cselbreddy@gmail.com), Phone: 08659-222933, Fax: 08659-222931

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 07-05-2016

#### BOS MINUTES

1. Modifications of the mission and vision statement were appropriate and satisfactory
2. The program outcomes as defined by NBA and program specific outcomes as defined by the department academic committee are reflecting the objectives of the B.Tech. Computer Science Engineering in total and are approved.
3. The course outcomes incorporating all the modifications suggested by the members of the BOS are approved.
4. The modifications suggested to the syllabus of the following subjects are approved.
  - i) Big data for M.Tech. Computer Science and Engineering.
  - ii) Big data Lab for M.Tech. Computer Science and Engineering.
  - iii) **Parallel algorithms for B.Tech. Computer Science and Engineering for R14 Regulation.**

The syllabi along with the course outcomes are approved.

5. The weightage for CO attainments of R11 and R14 are also approved.
6. The CO-PO correlation weightages are according to the norms followed in reputed institutions like NITs and are approved.
7. The computation of CO-PO attainment is according to the guidelines given by the NBA and hence are approved.
8. The BOS in principle approves the proposal of appointing a committee to monitor and evaluate with quality of question paper for internal examination.

The members of the committee can be as proposed by the departmental academic committee, however the BOS feels that one coordinator for each semester needs to be appointed to ensure timely completion of this exercise.

9. The threshold value of 60% for CO attainment is reasonable and is approved.
10. The BOS approves the panel of examiner proposed by the department academic council for conducting external examination.
11. The members of BOS here by make a recommendation to the college academic council of LBRCE that the evaluation of answer scripts of the end semester examination may be done in the institution itself instead of sending answer scripts outside. The evaluation can also be carried out by the faculty members of the institution and the faculty members from other institution. What percentage of the subjects are to be evaluated by the internal faculty and what percentage of the subjects are evaluated by the external faculty may be decided by the college academic council.
12. The BOS approves the minutes of the department academic council.

**EXTERNAL MEMBERS**

S.No	Name of the Member	Designation	College Name / Industry Name	Status	Signature
1	Dr.D.V.L.N .Somayajulu	Professor of CSE	NIT, Warangal	University Nominee	ABSENT
2	Dr.N.B. Venkateswarlu	Professor of CSE	AITAM College of Engg., Tekkali.	College Nominee	N.B. Venkateswarlu
3	Dr.T.Ramesh	Professor of CSE	NIT, Warangal Director, I/C NIT-Tadepalligudem	College Nominee	ABSENT
4	Dr.P.Radha Krishna	Principal Research Scientist,	Infosys labs, Infosys ltd, Hyderabad	Industry Representative	ABSENT
5	Dr.K.P.Supreethi	Asst.Professor	JNTUH, Hyderabad	Special Invitee	Supreethi K.P
6	V. Bobby Kiran	Student	LBRCE Mylavaram	Alumni	Bobby Kiran

**INTERNAL MEMBERS**

S.No	Name of the Member	Designation	Signature
1	Dr.N.Ravi Shankar	HOD of CSE Dept. , BOS Chairman	[Signature]
2	Dr.R.Chandra Sekharam	Dean, School of Computing, Member	[Signature]
3	Dr.Ch. Venkata Narayana	Professor, Member	[Signature]
4	Mr.G.Nageswara Rao	Assoc. Professor, Member	[Signature]
5	Mr.G.V.Suresh	Assoc. Professor, Member	[Signature]
6	Mr.D.Veeraiah	Assoc. Professor, Member	[Signature]



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH) , ISO 9001:2008 Certified Institution

Date :04-03-2017

The Board of Studies meeting held on 04-03-2017 in the department of CSE discussed the following items of R-17 regulations of B.Tech./MBA/MCA.

- A) Detailed discussion on the following has been done:
- Course structure
  - Electives to be offered under PE & OE
  - Add-on courses
  - Audit & Mandatory courses
- B) The following items were also discussed and approved.
- Course structure for 4/2/3 year B.Tech/MBA/MCA course of R-17 regulations.
  - Detailed syllabus of B.Tech/MBA/MCA(I semester to IV semester) along with outcomes of each course.
  - The panel of external examiners for all department core activities, during the four A.Ys i.e. 2017-18 to 2020-21.
    - Paper setters for all department theory courses
    - Paper valuers for spot and external evaluation (department core)
    - Project work adjudication
    - All department laboratory courses

I) Signatures of external members with names:

Name	Signature
1. D. Janakiraman	D. Janakiraman
2. D. V. L. Somayajulu	D. V. L. Somayajulu
3. SHANTI PALS	SHANTI PALS

II) Signatures of internal members with names:

Name	Signature
1. R. Chandrasekharam	R. CHANDRASEKHARAM
2. D. Veeraiiah	D. Veeraiiah
3. A. RajaGopal	A. RajaGopal
4. A. S. R. Murthy	A. S. R. Murthy
5. T. Udaya Kumar	T. Udaya Kumar

Signature of BoS Chairman with name.

(Dr. N. Ravi Shankar)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH) , ISO 9001:2008 Certified Institution

Date :03-02-2018

## Minutes of the Meeting- BOS held on 03-02-2018 @ 10.00 AM

The Board of Studies meeting held on 03-02-2018 in the department of Computer Science and En discussed the following items.

- i) R 17 Syllabi of B.Tech from V Sem – VIII Sem.
- ii) AICTE model course structure and syllabi.
- iii) Panel of examiners for projects and external labs.
- iv) Employability skills I & II courses
- v) Subjects for readmitted candidates.

After lengthy discussions, the following items were approved/ suggested.

- i) Syllabi of B.Tech from V – VIII Sems of R-17 regulations have been approved by incorporating suggestions given by the experts.
- ii) The members have expressed their opinion on AICTE proposed R 18 Course structure and suggested some modifications.
- iii) The panel of examiners for projects and external labs has been approved.
- iv) The members expressed their opinion on employability skills I & II courses and they have been approved.
- v) The subjects for readmitted candidate i.e from R 14 regulations to R 17 have been approved.
- vi) The CO statements of all subjects and their mapping to POs & PSOs are approved.

S.No	Name & Designation	Role	Signature
1	Dr.D.V.L.N.Somayajulu	University Nominee	DW
2	Dr.D.Janakiram	Subject Expert	- Absent -
3	Mrs.Shanti Pais	Industry Representative	Shanti Pais
4	Ch Krishna Murthy	Alumni	- Absent -
5	Dr. R. Chandra Sekharam	Internal Member	R. Chandra Sekharam
6	Dr. KSMV Kumar	Internal Member	KSMV Kumar
7	Dr. P.M Ashok Kumar	Internal Member	P.M. Ashok Kumar
8	Dr. D. Veeraiah	Internal Member	D. Veeraiah
9	Dr. O. Ramadevi	Internal Member	O. Ramadevi
10	Dr. K.Venkateswara Rao	Internal Member	K.Venkateswara Rao
11	Mr.G.Nageswara Rao	Internal Member	G.Nageswara Rao
12	Mr.G.V.Suresh	Internal Member	G.V.Suresh
13	Mr.L.V.Krishna Rao	Internal Member	L.V.Krishna Rao

Ch. Venkateswara Rao  
Chairman, BOS

(Dr.Ch.V.Narayana)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH), ISO 9001:2008 Certified Institution

Date: 09-06-2018

## Minutes of the Meeting- BOS held on 09-06-2018 @ 2.00 PM

The Board of Studies meeting held on 09-06-2018 in the department of Computer Science and Engineering, discussed the following items.

1. Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.
2. Discussion on AICTE model curriculum to implement forthcoming R19 reg
  - To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.
  - To identify 6 Program Elective Courses with a total number of credits around 18.
3. Refinement of Course Outcomes (COs) if any
4. To discuss the Weightages for attainments of COs,POs and PSOs for R17 Regulations
5. Approval of list of examiners for the A.Y. 2018-19.
6. Discussion on Calendar of events for the A.Y. 2018-19.
7. Discussion on Research activities.
8. To suggest methodologies in innovative teaching and evaluation techniques.
9. Discussion on Faculty Self-Appraisal Form for the A.Y. 2018-19.

**After lengthy discussions, the following items were approved/ suggested.**

1. The subjects for readmitted candidate (i.e from R 14 regulations to R 17) have been approved.
2. It is resolved to design the curriculum of B.Tech CSE as per the guidelines of AICTE with total credits of 160.
  - The total course structure is to be redesigned with program core subject credits not to exceed 52.
  - The total course structure is to be redesigned with program elective subject credits not to exceed 18.
  - The BOS panel suggested to complete the draft course structure within 45 days
  - The members felt to add Artificial Intelligence and Machine Learning subject in the curriculum.
  - The BOS panel suggested to conduct academic audit for external question paper
3. The CO statements of all subjects and their mapping to POs & PSOs are approved



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH) , ISO 9001:2008 Certified Institution

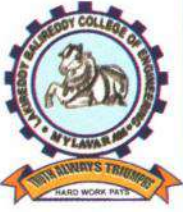
4. It is recommended to have the following weightages for COs, POs & PSOs in the implementation of OBE at LBRCE
  - Attainment of Course Outcomes(COs):40% CIE(Cumulative Internal examinations and 60% SEE(Semester End Examinations)
  - POs and PSOs Attainment:70% direct assessment (i.e. through COs)and 30% indirect assessment(10% Exit Survey+10%Employer Survey+10% Student Portfolios)
5. The BOS panel of examiners for projects and external labs has been approved.
6. The Calendar of Events for the academic year 2018-19 are noted.
7. The BOS panel suggested to conduct a workshop on Deep Learning and Machine Learning for the students.
8. The BOS panel suggested to use flipped class room approach of blended moodle platform course for Innovative teaching learning practices
9. Faculty Self-Appraisal Form for the A.Y. 2018-19 has been approved

*Ch. Venkateswaraya*

**Chairman, BOS**

**(Dr.Ch.V.Narayana)**

S.No	Name & Designation	Role	Signature
1	Dr.D.V.L.N.Somayajulu	University Nominee	<i>DLN</i>
2	Dr.D.Janakiram	Subject Expert	- ABSENT -
3	Shanti Pais	Industry Representative	- ABSENT -
4	<i>ch</i> Krishna Murthy	Alumni	- ABSENT -
5	Dr. R. Chandra Sekharam	Internal Member	<i>R.Chandra</i>
6	Dr. KSMV Kumar	Internal Member	<i>KSMV</i>
7	Dr. P.M Ashok Kumar	Internal Member	<i>P.M. Ashok</i>
8	Dr. D. Veeraiah	Internal Member	<i>D. Veeraiah</i>
9	Dr. O. Ramadevi	Internal Member	<i>Ramadevi</i>
10	Dr. K.Venkateswara Rao	Internal Member	<i>KVR</i>
11	Mr.G.Nageswara Rao	Internal Member	<i>G.Nageswara</i>
12	Mr.G.V.Suresh	Internal Member	<i>G.V.Suresh</i>
13	Mr.L.V.Krishna Rao	Internal Member	<i>L.V.Krishna</i>



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

Date: 26-01-2019

## Minutes of the Meeting- BoS held on 26-01-2019 @ 2.00 PM

The Board of Studies meeting held on 26-01-2019 in the department of Computer Science and Engineering. The following items are discussed.

1. Approval of COs modifications, mapping of COs to POs & PSOs and their justification.
2. Suggestions for next regulations of curriculum aspects according to AICTE recommended curriculum.
3. Approval of Innovative Teaching methodologies and evaluation techniques.
4. Suggestions for any additional appointment of examiners.
5. Suggestions for any research and academic activities.
6. Record of stakeholders feedback.
7. Any other matter.

**After lengthy discussions, the following items were approved/ suggested.**

1. The COs modifications, mapping of COs to POs & PSOs along with their justifications were approved. And also suggested to prepare a comparison among old and revised COs.
2. It is decided to prepare the curriculum for next regulations in line with the AICTE model curriculum subject to total number of credits being in the range 160 to 170.  
It was also suggested

- a. To maintain the core subjects as it is in present curriculum.
  - b. To divide the Automata Theory & Compiler Design course into two different courses namely Theory of Computation and Compiler Design in next regulations.
  - c. Program Electives and Open Electives courses with syllabi can be suggested in future by BoS external experts.
3. Teaching methodologies and evaluation techniques adopted by department such as MOODLE, ICT based, and Practical oriented approach were approved and suggested to have a GOOGLE classroom concept.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

4. Panel of examiners for Lab evaluation were approved and suggested to include more examiners from reputed organizations like State Universities, NITs, IIITs for project's evaluation.
5. It is suggested to conduct FDPs in house for faculty & send the faculty to NITs, IITs for attending FDPs/Workshops/Conferences, to enhance their knowledge. It was also suggested to organize workshops for students on recent technologies by Industry people.
6. Stakeholder feedback on curriculum for the academic year 2017-18 was approved.
7.
  - a. It is advised to have a committee to monitor/check the quality of external question paper before the commencement of exam and list of question paper setters.
  - b. It is suggested to conduct audit on external question paper for quality assurance

Chairman, BOS

  
(Dr.Ch.V.Narayana)





# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

Date: 26-01-2019

## DEPARTMENT OF CSE

### BoS meeting held on 26-01-2019 @ 2.00 PM

#### MEMBERS PRESENT

S.No	Name	Role	Signature
1	Dr. K.Sahadevaiah	University Nominee	
2	Dr.D.V.L.N.Somayajulu	Subject Expert	
3	Dr. P. Sreenivasa Kumar	Subject Expert	NOT PRESENT
4	Murthy KVVS	Industry Representative	
5	Y.Yaswanth	Alumni	NOT PRESENT
6	Dr. R. Chandra Sekharam	Internal Member	
7	Dr. KSMV Kumar	Internal Member	
8	Dr. P.M Ashok Kumar	Internal Member	
9	Dr. D. Veeraiah	Internal Member	
10	Dr. O. Ramadevi	Internal Member	
11	Dr. K.Venkateswara Rao	Internal Member	
12	Dr. D.Jagan Mohan Reddy	Internal Member	
13	Mr.G.Nageswara Rao	Internal Member	
14	Mr.G.V.Suresh	Internal Member	

Chairman, BOS

(Dr.Ch.V.Narayana)



Date:09-12-2019

**Minutes of Board of Studies (BOS) Meeting – 07-12-2019**

Chairman, BoS extended a warm and hearty welcome to all the Hon'ble members of BoS. He expressed sincere thanks to them for conveying their willingness to be on the Board of Studies. He conveyed regards to all the members for their valuable suggestions, advises, guidelines and concern towards overall development of the department. Further, he requested them to guide the department to reach greater academic position by their wisdom.

He has placed the agenda of items of the meeting for consideration, suggestions, and approval to all the members of BoS. Few constructive recommendations / comments were given by Hon'ble Members. The HoD expressed his happiness for such fruitful discussions and excellent guidance being offered by all the Hon'ble members.

With reference to each agenda item, proceedings of Board of Studies meeting are given below:  
Items placed in the present meeting.

**1. Finalization of course structure for B. Tech program under R20 regulations.**

- External Members appreciated the efforts of the department & college in preparing the R20 UG course structure.
- **BoS has recommended**
  - To reduce the Open-Elective course credits (from 15 to 9) and increase the professional core course credits. These open electives are open across all the departments including host department with minimum of 30 students and maximum of 240 per course are allowed.
  - To emphasize more on practical by increasing the lab hours i.e from 2 hours to 3 hours and credits from 1.0 to 1.5 for core courses so that the students get expertise in the programming.
  - To change the some of the course names and their offering semester.
  - To pursuing any foreign language certification by students is their choice and it should not be a credit course or not even a mandatory course.
  - To add few new courses under Professional Electives.
- **With the above modifications / recommendations course structure was approved.**

## 2. Detailed discussion on UG course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs).

After a lengthy discussion on course contents, the following suggestions were given by Hon'ble members.

- i. Tools to be added to draw the flow charts such as Raptor tool and to prepare short videos in IT work shop course.
- ii. Problem statement should be added in every unit to justify the title problem solving using 'C'.
- iii. Include A to D and D to A Converters in DLD course.
- iv. Include set theory concepts in DMS course.
- v. Introduce the multicore architecture concepts in COA course.
- vi. Case study on UNIX.
- vii. Experiments in the lab syllabus should not be specific to avoid the copying.
- viii. Delete ARIES Algorithm in Unit-IV of DBMS course. Include Weak entity and relationships concepts in Unit-II. Swap Unit-IV and Unit -V.

## 3. Finalization of course structure for M. Tech Program under R20 regulation.

### • BoS has recommended

- To include Mathematical Foundation of Computer Science(MFCS) course by removing the one of the professional elective in I-Sem.
- To Swap Machine Learning course and Big Data Analytics course.
- Approved professional elective courses.
  - Advanced Database Management Systems
  - Digital Image Processing
  - Advanced Operating System
  - Advanced Computer Networks
  - Internet of Things
  - Object Oriented Software Engineering

### • With the above modifications / recommendations course structure was approved.

## 4. Discussion and approval of Open electives offered for B. Tech Programme under R20 regulations.

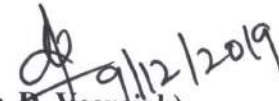
- BoS suggested to offer one core course in the open elective to give the option to the student for selection of either core or non-core course.

## 5. Discussion on Minor Degree concept for B. Tech Program under R20 regulations

- BoS felts that clear distinction is required between Open elective and Minor degree courses and will be discussed after getting approval from university.

## 6. Any other matter with permission of chair




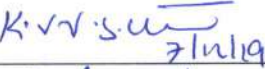





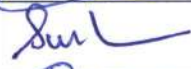

- Stake holder's feedback of A.Y:2018-19 were discussed and approved in the meeting and the changes are incorporated in R20 regulations.

  
(Dr. D. Veeraiyah)  
HoD & Chairman-BoS



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
Accredited by NAAC & NBA (Under Tier - I) and ISO 9001:2015 Certified Institution  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.  
<http://www.lbrce.ac.in>, [cse@lbrce.ac.in](mailto:cse@lbrce.ac.in), Phone: 08659-222933, Fax: 08659-222931  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Members Present:**

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1	Chairman	Dr.D. Veeraiah Professor & HoD, LBR College of Engineering Mylavaram.	 21/12/19
2	University Nominee	Dr. K. Sahadevaiah, Professor & HoD, Department of CSE, JNTUK, Kakinada.	NOT PRESENT
3	Subject Expert (Academic)	Dr.D.V.L.N. Somayajulu, Professor(HAG), Director, IIITD&M, Kurnool.	NOT PRESENT
4	Subject Expert (Academic)	Dr. P. Sreenivasa Kumar Professor, Department of CSE, IITM, Chennai.	 21/12
5	Subject Expert (Academic)	Dr.G. Rammohana Reddy, Professor(HAG)& HoD Department of IT, NITK Surathkal.	 07/12/2019
6	Subject Expert (Industry)	Murthy KVVS Associate Consultant, TCS, Hyderabad	 21/12/19
7	Alumni	Y. Yaswanth Sr.Software Engineer, FTD India	 21/12/19
8	Internal Member	Dr. R. Chandra Sekharam Professor & Dean	NOT PRESENT
9	Internal Member	Dr.Ch.V. Narayana Professor	
10	Internal Member	Dr. O. Ramadevi Professor	 21/12/19
11	Internal Member	Dr.M. Srinivasa Rao Professor	 21/12
12	Internal Member	Dr. D. Jagan Mohan Reddy Assoc. Professor	
13	Internal Member	Mr.G.V. Suresh Assoc. Professor	
14	Internal Member	Mr.L.V. Krishna Rao Sr.Asst.Professor	

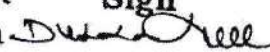
A.Y. 2015-16.


**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting held on 7<sup>th</sup> May 2016.**  
**FOR UG & PG Programs**


**Members Present:**


**External BoS Member**

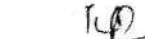
1. Dr. D.V.S.S. Siva Sarma 

2. Dr. G. Kesava Rao 

**Internal BoS Member**

1. Dr. M. Uma Vani 

2. Mr. K.R.L. Prasad 

3. Mr. J. Sivavara Prasad 

4. Mr. P. Deepak Reddy 

5. Mrs. P. Shobha Rani 

1. Prepared modified course contents for UG & PG (R-14) courses as per Outcome Based Learning
2. Suggested panel of names to the Academic Council for appointment of examiners for:
  - Setting of question papers
  - Valuation of answer scripts
  - Suggested panel of external examiners for Labs/Mini-projects/Main projects
3. Identification of subjects for MOOCS courses (R14 regulation)
4. Changes in question paper pattern for Mid and Semester end examinations, quiz, assignments and tutorials-Discussed/Suggested.
5. Ratification of the equivalent subjects for readmitted B.Tech students-Discussed/Suggested.
6. The finalized Program Specific Outcomes (PSOs) as per NBA new SAR format- Suggested details enclosed/ list below.
7. Refining of Course Outcomes and their mappings to POs + PSOs with refined weights and modify the COs and POs+PSOs assessment process - suggested/Discussed.

List Enclosed

8.

Annexure- Minutes of BOS meeting held on 7/5/2016.

3.Tech EEE

1. S301 Measurement and Instrumentation course content is to be changed with emphasis on Electronics Measurements in the subsequent regulation changes.
2. S214-Electrical Engineering Materials in V semester is placed in Programme Elective-I in place of S332- Optimisation techniques in VI semester.
3. In place of S214- Electrical Engineering Materials in V semester, S227-Elements of Signal Processing of VI semester is placed.
4. S332- Optimisation techniques is taken from Programme Elective-I in VI semester and is made compulsory course in the same semester.
5. The course content of S332- Optimisation techniques is reframed and the subject title is changed as "Optimization techniques in Engineering".
6. In VI semester "S278-Intelligent control systems" syllabus is reframed.
7. IV sem S174 -Control systems UIN-I title is changed as "Introduction-Mathematical Modelling of Control Systems"
8. In the next regulation changes for contents in the course S342-Power Generation and Utilisation, following changes are suggested:
  - include Efficient lighting systems in UNIT III and
  - add text book on Power system Analysis by Stevenson and Grainger in references list.
9. S213- ELECTRICAL DISTRIBUTION SYSTEMS-UNIT IV content is reframed after incorporating distribution automation and communication systems.
10. S346-Power system operation and control-Units IV and V contents are redefined and new Reference book (N.D.Enrique Acha, et al. "FACTS-Modelling and simulation in Power Networks", John wiley publications) on FACTS devices is added.
11. S248 - FACTS CONTROLLERS-Text book (N.D.Enrique Acha, et al. "FACTS-Modelling and simulation in Power Networks", John wiley publications) on FACTS devices is added in prescribed books.
12. Question bank quality (and repetition of question) should be maintained. Instead of 20, 5 questions from each unit may be given.

13. L170 Power Systems Lab experiments must be split into two cycles as simulation and Hardware type.

M.Tech (PE&D):

1. MTW2063 Artificial Intelligent Techniques title is changed as Artificial Intelligent Techniques & Applications. In each unit include specific applications.

UNIT II: Applications: ANN based PWM controller-Selected Harmonic elimination

UNIT IV: Fuzzy based Induction motor speed control

UNIT V: GA based optimisation of controller (P-PI-PD-PID) gains

2. Add specific applications in each unit of "DSP Processors & FPGA" (MTEE203).

3. Add various electronic controllers used in industries in the course "Industrial Electronics" (MTEE1061). The PE converters for Heating & Welding process should be added in the content of Unit-V.

4. Add Power electronic contents to the course of "Reactive Power Management" (MTEE1051). Add bidirectional flow, integration issues and islanding issues. The title of course is to be changed as "Reactive power for Power Electronics".

5. The contents of Unit-I and Unit-III need to be refined with useful content for PE students in the course "Computational Mathematics" (MTEE104).

6. "Reliability Systems Engineering" is not required for Power Electronics specialization students.

7. Add power electronic converter controllers in "Control of Motor Drives-I and II" courses.

8. Add harmonic mitigation techniques in the course "Power Quality".

#### Suggestions:

- For UG and PG complete examination system is to be changed
- External Evaluation for Labs, Projects, etc. can be done by the local faculty only.
- Spot Centre-Evaluation can be double valuation by local people. If there is a difference of set value, then it can be sent for third valuation.
- Tutorial hours need not be mandatory for all courses.
- Academic schedule (Time table) should not be tight, there should be free time for students to enable self learning.
- Where ever possible industry experts may be invited to cover part of the core courses (10-20%).
- Educate students/Faculty about the library resources available in the institute.
- Student/Faculty must be encouraged to use Lab/Library facilities beyond the working hours.
- Identify the research areas of interest and form the research groups in the department and arrange monthly meeting of research groups for discussions
- Faculty should be motivated to submit research proposals to various funding agencies
- EEE department may take initiative and workout the replacement of existing lighting systems with LEDS.
- EEE department may plan for a National level Conference once in every two years.
- There should be a differentiation in credits between the Core and Elective courses.
- No. of contact hours should be based on the no. of credits.
- Department may offer more than one elective course based on student interest.

M. Challa

2016-17



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B. REDDY NAGAR, MYLAVARAM-521 230, A.P. INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NBA,

New Delhi & Certified by ISO 9001:2015

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

<http://www.lbrce.ac.in> eee.lbrce@gmail.com Phone: 08539-227933, Fax: 08539-227934

Minutes of EEE Department BOS meeting held on 4<sup>th</sup> March, 2017

The Board of Studies meeting held on 04-03-2017 in the department of EEE discussed the following items of R-17 regulations of B.Tech programme.

A) Detailed discussion on the following has been done:

- i) Course structure
- ii) Electives to be offered under PE & OE
- iii) Add-on courses
- iv) Audit & Mandatory courses

B) The following items were also discussed and approved.

- i) Course structure for 4 - Year B.Tech course of R-17 regulations.
- ii) Detailed syllabus of B.Tech I semester to IV semester along with outcomes of each course.
- iii) The panel of external examiners for all department core activities, during the four A.Y.s i.e. 2017-18 to 2020-21.
  - Paper setters for all department theory courses
  - Paper valuers for spot and external evaluation (department core)
  - Project work adjudication
  - All department laboratory courses

\*\*Details of discussions and deliberation are enclosed as Annexure

Name & signature of BoS Chairman: Dr.M.UmaVani

*M. Uma Vani*  
4/3/2017

Names & signatures of External members:

1. Dr. P.V.Ramana Rao
2. Dr. M.B.Srinivas
3. Er. Ch. Sri Prakash
4. Mr. N. Gowtham Kumar

*P. Ramana Rao*  
*MBS*  
*Ch. Sri Prakash*  
*N. Gowtham Kumar*

Names & signatures of Internal members:

1. Dr. P. Sobha Rani
2. Mr. T. Sesha Sai Babu
3. Dr. M.K.Sastry Vindky
4. Mr.J.SivavaraPrasad
5. Mr. P. Deepak Reddy

*P. Sobha Rani*  
*T. Sesha Sai Babu*  
*M.K. Sastry Vindky*  
*J. Sivavara Prasad*  
*P. Deepak Reddy*





LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

L.B.REDDY NAGAR, MYLAVARAM-521 230.A.P. INDIA

Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NBA

New Delhi & Certified by ISO 9001:2015

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

<http://www.lbrce.ac.in>, [eee.lbrce@gmail.com](mailto:eee.lbrce@gmail.com) Phone: 08659-222933, Fax: 08659-222931

### Annexure-Minutes of BOS Meeting held on 04-03-2017

After thorough discussions and deliberations, following resolutions are arrived in the proposed **R17 Course Structure**:

#### **I. Title changes for courses:**

1. (EST5)-"Basic Electronic Devices and Circuits" course title is changed as "Electronic Circuits and Devices".
2. (PCL1)-"Basic Electronic Devices and Circuits Lab" course title is changed as "Electronic Circuits and Devices Lab".
3. (PCT3 & PCT6)-"Electrical Circuits -I & II" courses titles are changed as "Network Theory -I & II" respectively.
4. (PCL2)-"Electrical Circuits Lab" course title is changed as "Electrical Networks Lab".
5. (PCT7)-"Analog Electronics" course title is changed as "Electronic Circuit Analysis".
6. (PCT9)-"Linear Digital IC Applications" course title is changed as "Linear and Digital Integrated Circuits".
7. (PCL5)-"Analog Electronics & IC Applications Lab" course title is changed as "Electronic Circuits and ICs Lab".
8. (EST6)-"Elements of Signal Processing" course title is changed as "Analog and Digital Signal Processing".

#### **II. Other changes in course Structure:**

1. "Digital Logic Circuit Design" course (in Sem -II) is swapped with "Electronic Circuits and Devices" Course (in Sem-IV).
2. "Digital Logic Circuit Design Lab" Course (in Sem-II) is swapped with "Electronic Circuits and Devices Lab" course (in Sem-IV).
3. It is suggested to remove 2 contact hours shown in the course structure for (IPL3)-"Internship" because it is only the evaluation done in Sem-VII.

#### **III. List of Program Electives (PEs):**

PE-I	PE-II
1. Optimization Techniques in Engineering	1. Digital Controllers
2. Renewable Energy Technologies	2. Embedded Systems
3. Electrical Engineering Materials	3. Data Communications and Networking

PE-III	PE-IV
1. Intelligent Control Systems	1. Energy Conservation and Audit
2. Digital Control Systems	2. PLC and Automation
3. Advanced Control Systems	3. Energy Storage Systems

PE-V	PE-VI
1. Special Electrical Machines	1. Power Quality
2. Modeling and Analysis of Electrical Machines	2. HVDC & FACTS
3. Advanced Power Converters	3. Smart and Micro Grid

**IV. List of Open Electives (OEs):**

1. Utilization of Electrical Energy
2. Energy Audit
3. Renewable Energy Sources

**V. List of Add - On Courses (AoCs):**

AOC-1	AOC-2	AOC-3
1. Sustainable Energy Systems	1. EHVAC Systems	1. Optimization Techniques in Power Systems.
2. Computer Aided Electrical Machine Design	2. Electrical Reliability Engineering	2. High Voltage Engineering
3. Electrical Safety	3. Switched Mode Power Conversion	3. Electric Vehicle Engineering

**VI. Changes in Course Content:**

**1. ESL4-Electrical Workshop**

Exp - 5: Study of different types of house wirings and conductor gauge

Exp- 7 : Study of different types of lamps (Fluorescent , LED, Sodium - Vapour, Neon, incandescent etc.)

Exp - 11: Study of electrical & electronic measuring devices (Voltmeter, Ammeter, wattmeter, multi meter, Tong tester, Lux meter, anemometer, pressure gauge, clamp meter and Meggar )

Exp - 13: Significance of Earthing and its test.

**2. PCT3-Network Theory - I**

Units are re-organized as follows:

Unit - I : Introduction to Electrical Circuits

Unit - II : Magnetic Circuits

Unit - III : Network Topology

Unit - IV : Signal phase AC circuits

Unit - V: Resonance

Unit - VI : Transient Analysis

### 3. PCT6-Network Theory – II

Units are re-organized as follows:

Unit - I : Network Theorems

Unit - II: Three-Phase balanced circuits

Unit - III: Three-Phase unbalanced circuits

Unit -IV: Two-Port Network Analysis

Unit -V: AC circuit analysis for non sinusoidal excitation

Unit -VI: Network Synthesis

### 4. PCT 5 – Power Generation and Utilization

Units – I, II, V & VI are retained without changes.

Unit – III is split into two units (III&IV) as follows:

- UNIT-III: Economical aspects of Power generation
- Unit – IV: Tariff methods &

Unit – IV original content is added in “PCT11 – Electrical Power Transmission” course of V-semester.

### 5. “PCT11- Electrical Power Transmission” course content is to be reframed with the following changes:

- i) “Per unit quantities” content to be added here which is removed from “Power Generation and Utilization” course.
- ii) “Over voltage protection” content is to be removed from EPT course and added in “PCT-16-Power system Protection course”.

### 6. “PCT16 – Power System Protection” course content to be reframed with the following changes:

“Over voltage protection” content is to be added here which is removed from “PCT11-EPT” course.

### 7. EST6-Analog and Digital Signal Processing

“Analog and Digital Signal Processing” course content is to be reframed and analog signal processing content is to be incorporated in unit I.

### VII. Suggested changes in Continuous Internal Evaluation (CIE):

- Assignments component of CIE which is ‘six’ assignments per course (as proposed in R17 rules and regulations) is suggested to limit to a maximum of ‘three’ assignments per course.

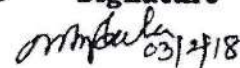
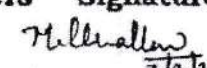
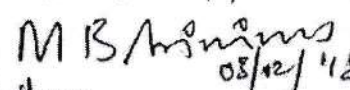
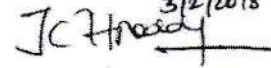

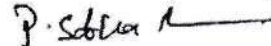


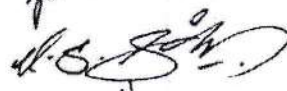


\*\*\*\*

(Dr.M.UmaVani)  
HoD/EEE

2018-19

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**  
**Minutes of the BOS meeting Held on 3<sup>rd</sup> February 2018.**  
**FOR UG COURSES**

**Members Present:**

<b>External BoS Members</b>	<b>Signature</b>	<b>Internal BoS Members</b>	<b>Signature</b>
Dr. M.Sydulu		Dr. M.Uma Vani	
Dr. M.B.Srinivas		Dr. K.Harinadha Reddy	
Er. Ch. Sri Prakash		Dr. P. Sobha Rani	
Dr. N. Gowtham Kumar		Dr.K.R.L. Prasad	
		Dr.M.S.Giridhar	
		Dr.G.Nageswra Rao	
		Mr.J.Sivavara Prasad	

1. Approved B.Tech III & IV year Course Outcomes, course contents for core, elective and add-on courses as per OBE system.
2. Approved substitute courses for readmitted students (Transitory Regulation).
3. Methodologies for improvement of teaching learning process- Discussed/Suggested.
4. Inputs on 2017 model curriculum specified by AICTE- Discussed/Suggested.
5. Improvement in research component in the areas of current interest.
6. Approved panel of examiners for setting of question papers, evaluation of answer scripts and Labs/Mini-projects/Main projects.

**Note: The details of resolutions are enclosed as Annexure**

### Annexure-Minutes of EEE BOS Meeting held on 03-02-2018

1. V-Semester course "17EE13-Optimization Techniques in Engineering" title may be changed as "Classical and Heuristic Optimization Techniques".
2. Changes in the course content are suggested for the following courses:
  - "17EE11- Electrical Machines II", 'soft starters' concept may be included in Unit-V. Relevant text books need to be added.
  - "17EE13-Classical and Heuristic Optimization Techniques", units are rearranged as follows:
    - (i) Units I, II, III, IV- Classical optimization Techniques
    - (ii) Unit V-Heuristic methods
  - "17EE14- Renewable Energy Technologies" content may be rearranged as follows:
    - (i) Units I and II are to be combined.
    - (ii) In unit-IV, 'Integration of Renewable Energy Sources' may be added.
  - "17EE17-Analog and Digital Signal Processing", the following corrections are to be made:
    - (i) 'Wavelets' topic may be added in unit-III
    - (ii) 'Wavelet filters' topic may be added in unit-V.
  - "17EE18-Power System Analysis", Text book on 'Power system Analysis' by Jr.Stevenson,4<sup>th</sup> edition may be added as prescribed textbook .
  - "17EE20-Measurements and Instrumentation", 'Measurement practices in substation' topic may be added in unit-V.
  - "17EE21-Digital Controllers", "Arm control architecture" concept may be added in unit-III.
  - "17EE22-Data Communications and Networking", 'mobile technologies-GSM, LTE, 5G' topics may be added in unit-III.
  - "17EE23-Electrical Machines II Lab", 'High rating synchronous machine with soft starter' experiment may be demonstrated (using simulation tools).
  - "17EE24-Power Systems Operation and Control", 'restricted governing mode of operation' may be added in unit-III.
  - "17EE25-Intelligent Control Systems", "Machine learning algorithms" may be added in unit-I.
  - "17EE26-Energy Conservation and Audit", 'Smart meters' topic may be added in unit-I.
  - "17EE27-Energy Storage Systems", the following corrections are to be done:
    - (i) 'Super conducting energy storage' topic may be added in unit-I.
    - (ii) 'Lithium ion batteries' topic may be added in unit-III.
  - "17EE28-Distribution System Planning and Automation", 'automated demand management' concepts may be added.
  - "17EE29-High Voltage Engineering", the following corrections are to be done :

2019-20

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**  
**Minutes of the BOS meeting Held on 18<sup>th</sup> June 2019.**  
**FOR UG Program**

1. Course structure, list of core courses and program elective courses for R-20 UG programs of EEE department. -Discussed/Suggested.
2. Stakeholder feedback on curriculum -Discussed/Suggested.
3. Syllabus and CO refinement of Electrical Engineering Materials (Code: 17EE15) of V- Sem R17 regulation-Suggested/Approved
4. Blended learning for teaching learning process- Discussed/Suggested.
5. Improvement in research component in the areas of current interest- Discussed/Suggested.

Note: Detailed resolutions are enclosed as Annexure-I.


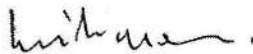
**Members Present:**

**External BoS Members**

Dr. S.Siva Naga Raju

Er. Ch. Sri Prakash

**Signature**

**Internal BoS Members**

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

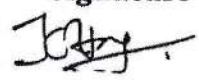
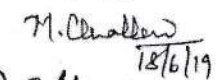
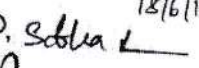
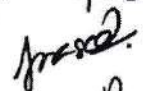


Dr. P.Sobha Rani

Dr K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

**Signature**

## **Annexure-Minutes of BOS meeting held on 18-06-2019**

After thorough discussions and deliberations following resolutions are arrived in the proposed R20 course structure:

### **I. Title changes for courses:**

1. "Basic Electronics Engineering" course title is changed as "Electronic Devices and Applications"
2. "Basic Electrical Engineering" course title is changed as "Network Theory-I"
3. "Basic Electrical Engineering Lab" course title is changed as "Electrical Workshop Lab"
4. "Electrical Circuit Analysis" course title is changed as "Network Theory-II".
5. "Fundamentals of Management for Engineers" course title is changed as "Managerial Economics and Financial Analysis (MEFA)"
6. "Power System Operation and Control" course title is changed as "Power System-III".
7. "Power System Lab" course title is changed as "Power System and Simulation Lab"

### **II. Other changes in course structure:**

1. "Engineering Physics" course (in SemII) is swapped with "Basic Electronics Engineering" course (in Sem I)
2. "Engineering Mechanics" course (in III Sem) is swapped with "Basic Electronics Engineering" course (in Sem I)
3. "Control Systems" course (inV Sem) is swapped with "Data Structures" (in Sem IV)
4. "Power Systems-I" course (inV Sem) is swapped with "Measurements and Instrumentation" course (in Sem IV).
5. "Control Systems Lab" course (inV Sem) is swapped with "Data Structures Lab" (in Sem IV)
6. Program elective-I is not recommended in IV semester.
7. "Economics for Engineers" course (in V Sem) is shifted to open elective.
8. "Analog and Digital Signal Processing" course is introduced in place of "Economics for Engineers" course.

### **III. Other Suggestions :**

1. Drawing of switchgear modules may be introduced in Electrical Workshop Lab course
2. Hysteresis motors and Eddy current motor concepts may be incorporated in Special Electrical Machines.
3. Some experiments on Digital Signal Processing may be added in Micro Processors Lab.
4. Blended learning and flipped classes methodology is suggested to make the students understand the topics more effectively.

2019-20

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting Held on 7<sup>th</sup> Dec 2019.**

**FOR UG Program**

**Members Present:**

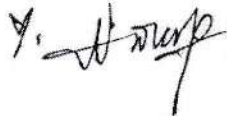
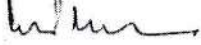
**External BoS Members**

Dr. S.Sivanaga Raju

Er. Ch. Sri Prakash

Mr.Y.Naresh

**Signature**



**Internal BoS Members**

Dr. M.S.Giridhar

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

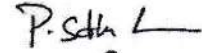
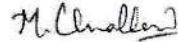
Dr. P. Sobha Rani

Dr.K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

**Signature**



1. Finalization of course structure for UG Program (EEE) under R-20 regulation- Suggested & Approved
2. List of Core & Elective courses, Open Electives of R20 course structure- Suggested & Approved
3. Stake holder's feedback- Discussed
4. Academic activities (FDP / Certification programs, etc.)- Discussed
5. Implementation of B.Tech degree with minor- Discussed

**Note: Detailed resolutions are enclosed as Annexure-I.**





**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  
New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Phone: 08659-222933 / Fax: 203

[lbrce@lbrce.ac.in](mailto:lbrce@lbrce.ac.in), [eee.lbrce@gmail.com](mailto:eee.lbrce@gmail.com)

**Annexure- I**

**Minutes of BOS Meeting held on 07-12-2019**

After thorough discussions and deliberations, following resolutions are arrived in the proposed **R20 Course Structure**:

**I. Suggestions in course structure:**

1. It is suggested to have three Mathematics subjects instead of four Mathematics subjects.
2. The following titles are suggested for electronics subjects:
  - Electronic circuits and Devices
  - Electronic circuits and Devices Lab
  - Digital Electronic Circuits
  - Digital Electronic Circuits Lab
  - Analog Integrated Circuits
  - Analog Integrated Circuits Lab
3. It is recommended to place 'Economics for Engineers in V semester and 'Management Science for Engineers' as OE.
4. It is suggested that contact hours should be 3hrs for core lab courses.

**II. Other changes in course structure:**

1. 'Basic Mechanical Engineering'(in sem-I) course title is changed as 'Basic Mechanical and Civil Engineering'.
2. 'Engineering Workshop'(in sem-I)title is changed as 'Mechanical Workshop'.
3. 'Basic Mechanical Engineering Lab'(in sem-I)course title is changed as 'Basic Mechanical and Civil Engineering Lab'.
4. 'Fundamentals of Electronics' (in sem-II) title is changed as 'Electronic circuits and Devices'
5. 'Electrical Circuits Lab'(in sem-IV) title is changed as 'Electrical Circuits and Simulation Lab'.
6. 'Electrical Circuits-I'(in sem-III) course title is changed as Electrical Circuit Analysis-I.
7. 'Measurements & Instrumentation'(in sem-III) course title is changed as 'Electrical Measurements'.
8. It is suggested to take 'Instrumentation' subject as an Elective course.
9. 'Electrical Circuits-II'(in sem-IV) course title is changed as Electrical Circuit Analysis-II.

- 10 'Fundamentals of Electronics' (in sem-II) is swapped with Electrical Circuit Analysis-I (in sem-III).
- 11 'Digital circuits'(in sem-III) course title is changed as 'Digital Electronic circuits'.
- 12 'Digital circuits Lab'(in sem-III) course title is changed as 'Digital Electronic circuits Lab'.
- 13 'Electric & Magnetic Fields'(in sem-IV) course title is changed as 'Electro Magnetic Fields'.
- 14 'Power Systems-III' (in sem-V) course title is changed as 'Power System Analysis'.
- 15 'Electrical Workshop Lab' is suggested in the place of 'Fundamentals of Electronics Lab' (in sem-II).
- 16 'Digital Electronic circuits' (in sem-III) is swapped with 'Power systems-I' (in sem-IV).

### III. Other Suggestions:

1. Drawing of LT modules, NOC contacts may be introduced in 'Electrical Workshop Lab' course
2. Computer Organization basic concepts may be introduced as first unit in 'Programming for Problem solving using C' course in Sem-II.
3. It is suggested to plan experiments based on flow measurements in 'Basic Mechanical and Civil Engineering Lab'.
4. Experiments based on soft starters for motor control may be planned in 'Electrical Machines -II Lab'.
5. Students are suggested to select required courses in specific domain of interest (other than specialization) to get B.Tech degree with minor.



Head of the Department  
Dept. of Electrical and Electronics Engg  
Lakireddy Bali Reddy College of Engg  
Mylavaram-521230, Krishna Dt, Andhra Pradesh

2020-21

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

**Minutes of BOS Online meeting Held on 2<sup>nd</sup> July 2020.**

**FOR UG Program**

**Members Present:**

**External BoS Members**

Dr. S.Sivanaga Raju *online*

Er. Ch. Sri Prakash *online*

Mr.Y.Naresh *online*

**Internal BoS Members**      **Signature**

Dr. M.S.Giridhar      *M.S.Giridhar*

Dr. K.Harinadha Reddy      *JKR*

Dr. M.Uma Vani      *- Ab -*

Dr. P. Sobha Rani      *P. Sobha Rani*

Dr.K.R.L.Prasad      *K.R.L.Prasad*

Dr.G.Nageswara Rao      *R.G.Nageswara Rao*

Dr.J.Sivavara Prasad      *SVP*

1. Finalization of course structure for UG Program (EEE) under R-20 regulation- Suggested/Approved
2. Course content (syllabus) of semesters I-IV for UG under R20 Regulation along with Course Outcomes (COs)- Discussed/Suggested
3. List of Core & Elective courses, Open Electives of R20 course structure- Suggested/Approved
4. Stake holder's feedback-Suggested/Approved
5. Course content and evaluation procedure of integrated course Discussed/Suggested

**Note: Detailed resolutions are enclosed as Annexure-I.**



**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  
New Delhi & Certified by ISO 9001:2015, [http:// www.lbrce.ac.in](http://www.lbrce.ac.in)

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Phone: 08659-222933/Extn: 203

[hodeee@lbrce.ac.in](mailto:hodeee@lbrce.ac.in), [ee.lbrce@gmail.com](mailto:ee.lbrce@gmail.com)

Minutes of meeting held on 02/07/2020

B.Tech EEE

After thorough discussions and deliberations, following resolutions are arrived in the proposed **R20 Course Structure**:

**I. Suggestions in course structure:**

1. It is suggested to have two credits for "Universal Human Values" course (II semester) instead of three credits.
2. It is suggested to have two credits for "Programming for Problem Solving Using C Lab" (II Semester) instead of one credit.
3. It is suggested to have two credits for "Professional Communication Lab" (II semester) instead of one credit by keeping one credit for "Computer Aided Engineering Drawing".
4. It is recommended to swap "Electrical Measurements" (III semester) course with "Electric and Magnetic Fields" (IV semester) course.
5. It is suggested to change "Electrical Circuits & Measurements lab" as "Electrical Circuits & Simulation lab" in III Semester.
6. It is suggested to combine Control systems lab with Measurements lab and new lab title is "Control Systems and Measurements Lab" in IV semester.

**II. Changes in course content are suggested for the following courses:**

1. "Electrical Circuits-II", 'Millman's theorem' concept may be introduced in Theorems.
2. "Electrical Workshop lab", course content may be reframed as follows:
  - 'Study of tools and meters' experiment may be included as first experiment
  - Introduce one experiment on 'starter circuit with NO and NC concept'
3. "Power Systems-I", the content may be reframed as follows:
  - In Unit IV, 'micro grid', 'cogeneration', 'distributed generation' concepts are to be removed and unit IV & V may be combined and treated as unit III

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting Held on 28<sup>th</sup> Nov 2020.**  
**FOR UG Program**

**Members Present:**

**External BoS Members**

Dr. S.Sivanaga Raju *online*

Er. Ch. Sri Prakash *online*

Mr. Y.Naresh *online*

**Internal BoS Members**

Dr. J. Sivavara Prasad

Dr. K. Harinadha Reddy

Dr. M. Uma Vani

Dr. M. S. Giridhar

Dr. P. Sobha Rani

Dr. K. R. L. Prasad

Dr. G. Nageswara Rao

**Signature**

*Sy*  
*Jey*

*[Signature]*

*P. Sobha Rani*  
*[Signature]*  
*[Signature]*

1. Finalization of course structure for UG Program (EEE) under R-20 regulation- Suggested/Approved
2. Course content (syllabus) of semesters I-IV for UG under R20 Regulation along with Course Outcomes (COs)- Discussed/Suggested
3. List of Core & Elective courses, Open Electives of R20 course structure- Suggested/Approved
4. Stake holder's feedback-Suggested/Approved
5. Academic activities (FDP / Certification programs, etc.)- Discussed/Suggested
6. Implementation of B.Tech degree with minor- Discussed/Suggested

**Note:** Detailed resolutions are enclosed as Annexure-I.

### III. Addition/Deletion of Courses

- The "Numerical Methods Lab" course is not required.
- Add Basics of Python Programming Lab with 2 credits of 1-0-2 LTP pattern in 3<sup>rd</sup> year.

### IV. Suggestions

- All minor courses should be at basic level only.
- "Applied Chemistry" theory and lab courses may be replaced with any programming language course.

\*\*\*\*

  
29/11/20  
(Dr. J. Siva Varā Prasad)  
**HoD/EEE**

2021-22

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of BOS Online meeting Held on 19<sup>th</sup> June 2021.**  
**FOR UG Program**

**Members Present:**

<b>External BoS Members</b>	<b>Internal BoS Members</b>	<b>Signature</b>
Dr. M.Nageswara Rao <i>online</i>	Dr. J.Sivavara Prasad	<i>SJP</i>
DrP.V.Ramana Rao <i>online</i>	Dr. K.Harinadha Reddy	<i>JCR</i>
Dr. M.B.Srinivas <i>Not Available</i>	Dr. M.Uma Vani	<i>[Signature]</i>
Er. Ch. Sri Prakash <i>online</i>	Dr. P. Sobha Rani	<i>P. Sobha Rani</i>
Mr Y.Naresh. <i>online</i>	Dr. M.S.Giridhar	<i>M.S. Giridhar</i>
	Dr. K.R.L.Prasad	<i>K.R.L. Prasad</i>
	Dr. G.Nageswara Rao	<i>G.Nageswara Rao</i>

1. Course content (syllabus) of semesters V & VI, specification of COs and CO-PO articulation matrix. - Discussed/approved
2. courses of Honors and Minor programmes -Discussed/ Suggested
3. ATR of batch 2016-20 - Discussed/approved
4. Academic activities -Discussed/ Suggested
5. Calendar of events for the next A.Y 2021-22- Discussed/approved

**Note:** Detailed resolutions are enclosed as Annexure-I.

## **ANNEXURE-I**

### **Minutes of meeting held on 19/06/2021**

After thorough discussions and deliberations, the following resolutions are arrived :

#### **I. Changes in course content are suggested for the following courses:**

1. "Power Systems-II", Unit-V may be renamed as Fundamentals of Protection.
2. "Electrical Machines-II", circle diagram of induction motor concept in Unit-II is to be omitted.
3. "Power Electronics", in unit-IV, Step up and step-down converters may be mentioned as buck and boost converters.
4. "Electronic Measurements and Instrumentation", Digital energy meters concept may be added in unit-II.
5. "PLC and Automation", applications of PLC concept may be added in unit-V.
6. Add more hardware experiments in "Control Systems Lab"
7. "Power Systems-III", unit-I title may be changed as Network Matrices
8. "Intelligent Control Systems", the content may be reframed as follows:
  - Unit- I and Unit-II concepts may be reorganized.
  - Add ANFIS concepts.
  - Unit- V: Add applications of intelligent control systems to Power Systems
9. "Classical and Heuristic Optimization Techniques", reframe the content with three units as classical optimization techniques and two units as heuristic optimization techniques
10. "Digital Control Systems", the content may be reframed as follows:
  - Add Root locus in z-plane concept instead of deadbeat response method.
  - Design of lag-lead compensator in  $\omega$ -plane may be omitted.
11. "Power System Lab", Add more hardware experiments.

#### **II. Other Suggestions:**

1. Workshops on Emerging Technologies may be conducted which will be helpful for placements

SP  
17/7/21



# Department of ECE

Minutes of BOS meeting held on 22/08/2015 for UG course 13

The BOS meeting started at 11:30 AM on 22/08/2015 in ECE department. The members discussed about the R-14 Regulations and the necessity for any modifications. As per the request made by the science and Humanities dept, the members have decided to the following minor modification in R-14 course structure











- (1) The course named Professional Ethics and Human values in IV sem has been shifted to III semester
- (2) Environmental studies which is actually in III semester, with code S263 has been moved to IV semester.

The members were told that this swapping is only meant for providing flexibility to the faculty members of 3 & 4 departments

*Swamy*

( BOS chairman )

BOARD OF STUDIES (BOS)

S.No.	Name & Designation	Address	BOS	Signature
1.	Prof. B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Prof.S. Srinivas Kumar Professor in ECE	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: samay_ssk2@yahoo.com Mobile: 9440144987	External Member Subject Expert	
3.	Dr A. Subbarami Reddy Principal	Sri Kalahasteaswara Institute of Technology, Srikalahasti- 517640 Chittoor Dist, AP Email ID: agaralas@yahoo.com Mobile: 9441990530	External Member Subject Expert	
4.	Dr.A.Narendra Babu Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
5.	Dr. S.V. Jagadeesh Chandra Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
6.	Dr.K.Naga Prakash Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr.G.Srinivasa Rao Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr.E.V.Krishna Rao Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Department of ECE

Minutes of the BOS meeting held on 07/05/16. 15




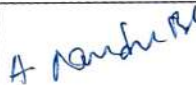








The BOS meeting started at 11:00 AM on 07/05/16 in ECE department. The members have discussed and approved various points as mentioned below.

- The Proposed course structure as well as detailed syllabus for M.Tech (ULSI & Embedded systems) was thoroughly discussed and approved.
- The Programme specific outcomes (PSOs) as well as Programme outcomes (POs) finalized by department academic committee were put before the meeting and approved.
- The members of BOS were informed about the modified course outcomes for RII as well as RIU regulations and discussed the same.
- The computation process for CO as well as PO attainment finalized by college advisory Board (CAB) has also been discussed and finalized.
- The meeting has also discussed the due weightages to be given to CO as well as PO attainments.
- It was finalized that for CO attainment 60% of external + 40% internal is the weightage for RII regulations while it is 50% external + 40% mid examination + 10% assignments.
- The PO attainment is computed by allocating 100%, 67% and 33% of CO attainment for strong, moderate and light contributions.
- The DAC approved course as well as Program articulation matrices were thoroughly reviewed.
- The members were told about the BOS chairman that here onwards the quality of the question papers will be reviewed by the module coordinators.
- List of examiners for Theory / Lab / Project viva-voce examinations was discussed and approved.

HEAD  
Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
VILAVARAM, Krishna Dt., Andhra Pradesh

## BOARD OF STUDIES (BOS)

07-05-2016

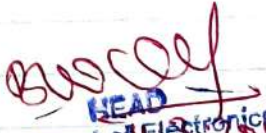
S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof. B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr. Narasimha Sarma NVS Professor in ECE	National Institute of Tech., Warangal - 506004, A.P, E-Mail : <a href="mailto:sarma@nitw.ac.in">sarma@nitw.ac.in</a> Phone No. : +91-9490165344	University Nominee (JNTUK)	
3.	Prof.S. Srinivas Kumar Professor in ECE	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: <a href="mailto:samay_ssk2@yahoo.com">samay_ssk2@yahoo.com</a> Mobile: 9440144987	External Member Subject Expert	
4.	Dr.A.Narendra Babu Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
5.	Dr. S.V.Jagadeesh Chandra Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
6.	Dr.K.Naga Prakash Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr. E.V.Krishna Rao Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr. M. Suman Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Mr. M.K.Linga Murthy	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Mr. L. Srinivasa Reddy	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Department of ECE

Minutes of the BOS meeting held on 04-03-2017.












The meeting began with a main objective to finalize the R-17 regulations course structures. The members have discussed and approved various points as mentioned below.

- (1) Various Program electives as well as open electives to be offered in the programme were discussed and finalized.
- (2) The meeting discussed about the add on courses to be included in the curriculum and finalized.
- (3) A thorough discussion on the inclusion of audit and mandatory courses has been done and the courses were finalized.
- (4) The Panel of examiners for Project work adjudication as well as department laboratory courses is scrutinized and finalized.
- (5) The Panel of Paper setters for all department theory courses and Paper valuers for spot and external evaluation was scrutinized and finalized.
- (6) The detailed syllabus course structure was discussed & finalized.
- (7) The detailed syllabus of B.Tech I to IV semesters for R-17 regulations was finalized along with relevant course outcomes.
- (8) It is proposed to introduce add on courses while discussing about the curriculum for m.Tech (VLSI & ES).
- (9) By opting the add on courses, the student can omit Program Elective - I & II in III semester.
- (10) To cope up with the latest developments, advanced courses are added as Program Electives.
- (11) The course structure of the m.Tech (VLSI & ES) under R-17 regulations is discussed and approved.
- (12) The syllabus for the m.Tech (VLSI & ES) programme was also discussed and finalized.

  
B. S. Reddy  
HEAD  
Department of Electronics & Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
AVARAM, Krishna Dt., Andhra Pradesh

## BOARD OF STUDIES (BOS)

04.03.2017

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof.B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.S.Srinivas Kumar Professor of ECE and Director (R&D)	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: samay_ssk2@yahoo.com Mobile: 9440144987	University Nominee Subject Expert	
3.	Dr. N.V.S.N.Sarma Professor of ECE Dean (Academics)	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Sri.B.Ravi Kumar Deputy General Manager BSNL, Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	
5.	Ms.T.Maha Laksmi Asst. Professor	PVPSIT, Vijayawada Email ID: dasari.maha@yahoo.com Mobile: 9441266701	Alumni	
6.	Dr.E.V.Krishna Rao Professor of ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr.G.Srinivasa Rao Professor of ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr. J. Babu Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.S.V.Jagadeesh Chandra Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	AB
12.	Mr.T.Anil Raju Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	

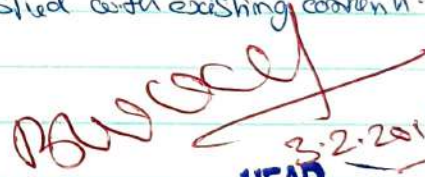
# Department of ECE

Minutes of the BOS meeting held on 03.02.2018<sup>19</sup>

The BOS meeting started at 9 AM on 03/02/18 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The detailed syllabus for B.Tech IV to V<sup>th</sup> semesters for R-17 regulations has been discussed and finalized
2. After elaborate discussion, it is decided to go for R-18 regulations
3. Several suggestions were given regarding additions & deletions to be made in R-18 regulations.
4. In systems & signal processing laboratory course, it is advised incorporate experiments on either SDR kits / or on any other DSP kits
5. electronic measurements & instrumentation, which is an Add on course in R-17 regulations must be made a core course as suggested
6. It is advised to move linear control systems in VI semester to IV semester in R-18 regulations
7. The course OOPS through JAVA must be renamed as object oriented programming
8. It was mentioned that the open electives offered must be an extension of one another.
9. Analog and Digital communication which is an open elective, must be added with latest developments in cellular technology
10. The syllabus of another open elective, systems & signal processing should also be reduced, as suggested
11. It was advised to see the possibility of introducing Digital TV Technology as either a core course or as an elective
12. It is suggested to include at least one unit on video processing in Digital Image Processing course

13. It was suggested to introduce deep learning in neural networks & Fuzzy logic courses.
14. Computer organization and architecture can be renamed as computer architecture and organization, as follows.
15. It is advised to evaluate new parameters in laboratory courses than restricting to old practice.
16. In addition to above recommendations, it is mentioned to refer only standard books as Text books for core courses.
17. However, for open elective courses, books with Indian authors should be referred to reduce the burden on the students.
18. Few suggestions were also given regarding swapping of Text books to reference books and vice versa.
19. The members also have gone through the P. G syllabus for M.Tech (VLSI/EC) and satisfied with existing content.

  
 3.2.2018  
**HEAD**  
 Department of Electronics &  
 Communication Engineering  
 Lakireddy Bali Reddy College of Engineering  
 MYLAVARAM, Krishna Dt., Andhra Pradesh



BOS Meeting held on 31<sup>st</sup> Feb 2018

18

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof.B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.S.Srinivas Kumar Professor of ECE and Director (R&D)	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: samay_ssk2@yahoo.com Mobile: 9440144987	University Nominee Subject Expert	—
3.	Dr. N.V.S.N.Sarma Professor of ECE Dean (Academics)	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Dr A. Subbarami Reddy Principal	Gokula Krishna College of Engineering Sullurupeta, Nellore Dist, AP Email ID: skitprincipal@gmail.com Mobile: 9441990530	External Member Subject Expert	
5.	Sri.B.Ravi Kumar Deputy General Manager BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	
6.	Ms.T.Maha Laksmi Asst. Professor	PVPSIT, Vijayawada Email ID: dasari.maha@yahoo.com Mobile: 9441266701	Alumni	
7.	Dr.E.V.Krishna Rao Professor of ECE & Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.J.Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr. S.V. Jagadeesh Chandra Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.G.Srinivasa Rao Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr.M.Madhavi Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
17.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
18.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
19.	Mr. T.Anil Raju Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Department of ECE

Minutes of the BOS meeting held on 09.06.2018<sup>3</sup>

The BOS meeting started 2PM on 09/06/2018 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The model curriculum of AICTE was discussed and the extent of possibility of going for R-19 regulations was discussed.
2. It was felt that it is better to wait for some more time to transform into the model curriculum given by AICTE.
3. The meeting has gone through R-17 course structure and satisfied with various components constituting it.
4. It was suggested to evaluate the external theory exam answer scripts by internal faculty members completely.
5. Further, it was advised to change the 10% of the question paper set by external, if it is too difficult for an average student to answer.
6. The existing course outcomes of few courses are verified and the members have satisfied with the same.
7. The meeting has discussed and finalized the equivalent substitute courses for those students whose have detained under AIIU regulations and rejoining on R-17 regulations.
8. It was advised to conduct more and more training programs to improve the efficiency of teaching learning process, for both teaching and supporting staff.
9. It was suggested that more orientation programs should be conducted to expose faculty members to outcome based education and Bloom's Taxonomy.






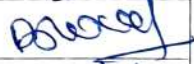







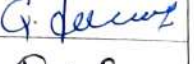



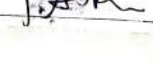
10. The meeting has discussed and finalized the list of examiners for the Academic year 2018-19
11. It was suggested to improve R&D activity in the department by motivating faculty to publish their papers in indexed journals
12. The members felt satisfied and approved the self appraised form
13. The calendar of events for the A.Y. 2018-19 was approved.

*[Handwritten Signature]*  
2018

**HEAD**  
Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

22 BOS Meeting held on 09.06.2018

### BOARD OF STUDIES (BOS)

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.E.V.Krishna Rao Professor & HOD, Dean of Academics	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr. N.V.S.N.Sarma Professor of ECE Dean (Academics)	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : <a href="mailto:sarma@nitw.ac.in">sarma@nitw.ac.in</a> Phone No. 9490165361, 9849639262	External Member Subject Expert	
3.	Dr A. Subbarami Reddy Principal	Gokula Krishna College of Engineering Sullurupeta, Nellore Dist, AP Email ID: <a href="mailto:skitprincipal@gmail.com">skitprincipal@gmail.com</a> Mobile: 9441990530	External Member Subject Expert	
4.	Sri.B.Ravi Kumar Deputy General Manager BSNL,Vijayawada	BSNL, Vijayawada E-Mail : <a href="mailto:rkbunga@gmail.com">rkbunga@gmail.com</a> Mobile: 9440000675	External Member Industry	
5.	Ms.T.Maha Lakshmi Asst. Professor	PVPSIT, Vijayawada Email ID: <a href="mailto:dasari.maha@yahoo.com">dasari.maha@yahoo.com</a> Mobile: 9441266701	Alumni	
6.	Prof.B.Ramesh Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr.J.Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr. S.V. Jagadeesh Chandra Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.G.Srinivasa Rao Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.M.Madhavi Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr. Y.Amar Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
17.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
18.	Mr. T.Anil Raju Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Dept. of ECE

Minutes of the BOS meeting held on 15.12.18 29

The BOS meeting started at 9:30 AM on 15.12.2018 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The PO, PSO attainments for 2016-18 were verified and approved
2. The CO attainments obtained for the academic year 2017-18 were verified and approved
3. It was felt that an expert from core industry can also be included BOS
4. The university nominee suggested that all surveys should be conducted online
5. It was felt that courses corresponding to Basic & Engineering Sciences should be more in the curriculum. If it is not possible to include as regular course, the same can be incorporated through MOOCs
6. The alumni information can be collected by searching in the LinkedIn, as suggested
7. Open electives offered by other departments need not be included in the curriculum books as pointed out
8. It was suggested to carry out tutorials effectively by solving model problems in the class and asking similar problems to be solved by the students
9. The possibility of generating revenue through LabVIEW, can be sought as advised
10. It was suggested to encourage monthly wise student activities through professional bodies
11. It was pointed out that even though ICT based teaching is good, it is not replacement for the conventional chalk & talk teaching
12. It was suggested to effectively utilize the existing prototypes for existing prototypes for extending

the applications in the process of

screening engineering

13. It was suggested to allow seed money given by the institution as miscellaneous charges needed for applying to projects and relevant presentation.

14. The members were informed that stakeholders views were also considered by DAC.

4/11

HEAD

Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

2018-19

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.Y.Amar Babu, Professor & HOD,	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.A.M.Prasad, Professor of ECE	University College of Engineering, JNTUK, Kakinada. E-Mail : a_malli65@jntucek.ac.in Phone No:9963993504	University Nominee	
3.	Dr. N.V.S.N.Sarma Professor, Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	Not attended
4.	Dr.P.Srihari Rao, Associate Professor , Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : patri@nitw.ac.in Phone No. 8702462439,9441342324	External Member Subject Expert	Not attended
5.	Sri.B.Ravi Kumar, General Manager, BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	Not attended
6.	Mr.B.Anil Kumar, Department of ECE.	KL University, Vijayawada Email ID: anilbudati@gmail.com Mobile: 9985054084	Alumni	Not attended
7.	Dr.E.V.Krishna Rao Professor ,Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Prof.B.Ramesh Reddy Professor & IQAC In Charge	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.J.Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr. S.V. Jagadeesh Chandra Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.G.Srinivasa Rao Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
17.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
18.	Mr. T.Anil Raju Associate Professor	LBR College of Engineering, Mylavaram-521 230	Internal Member	

13.06.19

The BOS meeting started at 10 AM on 13.06.2019 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The course structure for R-20 regulations (Proposed) was discussed. It was mentioned that in view of the AICTE model curriculum, the number of core courses need to be reduced.
2. The members opined that as the number of core courses are to be reduced, few courses need to be merged or shifted to either Program Electives or open Electives.
3. The possibility of introducing elective courses in from fourth semester onwards was discussed.
4. However, it was felt that the courses that are mandatory for the B.Tech ECE Program are to be first discussed and finalized and later can be thought of the placing a course in a given semester.
5. All the members were informed about the recommendations given by NBA expert committee during their visit.
6. The members felt that process of Co-PO-PSO mapping should be streamlined to have an effective Co-PO-PSO articulation matrix.
7. The members opined that R & D activities in the department should be further improved resulting in quality publications & funded projects increased in number.
8. The calendar of events for A.Y. 2019-20 were discussed and approved.



9. The members were told about the Process that was followed for defining the targets for CO-PO-PSO attainments for 2019-20 odd sem
10. The list of Examiners/Papersetters for A.Y. 2019-20 was discussed and approved
11. The methodology for incorporating ICT tools was also discussed. This is in view of making the student learn in the absence of faculty member
12. The format for self appraisal form A.Y. 2019-20 was discussed
13. The Parameters for identifying the best Projects were discussed. It was felt that the external Examiner should be asked to comment on the quality of Projects
14. The members were informed that Stakeholders Views were considered by DTC while framing the structure as well as syllabus.







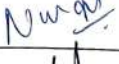



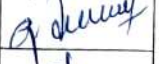



HEAD

Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

2019-20

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.Y.Amar Babu, Professor & HOD,	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.A.M.Prasad, Professor of ECE	University College of Engineering, JNTUK, Kakinada. E-Mail : a_malli65@jntucek.ac.in Phone No:9963993504	University Nominee	Not attended
3.	Dr. N.V.S.N.Sarma, Director	Indian Institute of Information Technology , Trichy. E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Dr.P.Srihari Rao, Associate Professor , Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : patri@nitw.ac.in Phone No. ,9441342324	External Member Subject Expert	
5.	Sri.B.Ravi Kumar, General Manager, BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	Not attended
6.	Mr.B.Anil Kumar, Associate Professor, Department of ECE.	Vignana Bharathi Institute of Technology (Autonomous), Hyderabad Email ID: anilbudati@gmail.com Mobile: 9985054084	Alumni	
7.	Dr.E.V.Krishna Rao Professor ,Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Prof.B.Ramesh Reddy Professor & IQAC In Charge	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr. G.L.N.Murthy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Date: 07-12-2019

### Minutes of Board of Studies (BOS) Meeting

1. The meeting began by discussing about the Minor Engineering program that is proposed to be introduced in R20 curriculum.
2. Members suggested that instead of 20 credits allocated for other branch courses, 21 credits may be allocated for Minor Engineering.
3. There may be 7 or 8 courses in two groups in the program where Minor Engineering is sought.
4. In case, if a student is willing to opt for Minor Engineering in Electronics and Communication Engineering, the two groups can be, first one from Electronics and second one from Communication.
5. The two groups should cover two basic courses and remaining advanced courses.
6. It was pointed out that instead of having two open electives in VII semester, better to start open electives from IV semester onwards.
7. While discussing about open electives offered by the Department, Internet of Things may be one of the open electives.
8. Electronic Communication systems by George Kennedy may be considered as the text book during syllabus preparation of Communication Engineering subject.
9. Fundamental concepts are to be included in the Signal Processing course.
10. In open electives, Advanced Microcontroller course may be replaced with Embedded Systems course.
11. In open elective courses, "Medical Image Processing" course may be renamed as "Image Processing" or may be replaced with "Cellular Communications".
12. Display devices, LED TVs, OLEDs can be the contents for Cellular Communications course.
13. Open Elective courses need not be offered to all the Departments. If any branch is not having a basic course for a specific Open Elective then for that branch, that course should not be offered.

14. In the course, Economics for Engineers in V semester, it should be seen that accountancy must be added which is a fundamental requirement for future entrepreneurs, and the course title can be "Economics and Accountancy for Engineers".
15. It was strongly recommended that Engineering Chemistry and its Lab courses may be removed and may be replaced with "Materials Science" course. This is in view of proliferation of new courses; advanced courses of the program can be incorporated.
16. Engineering physics course should cover solid state physics as well as optics and its syllabus should be so framed that Fundamentals of Electronics course can directly begin with PN junction diode.
17. All the basic concepts of semiconductors can be included in Engineering Physics course.
18. The basic core course Fundamentals of Electronics course can be renamed as Fundamentals of Electronic Devices and Circuits, as suggested. Further, it was also pointed out that the framed syllabus is very vast and will be difficult to cover within stipulated hours.
19. The proposed two theory courses "Fundamentals of Electronics" and "Analog Circuits" can be made into at least three courses; "Fundamentals of Electronic Devices" or "Electronic Devices", "Analog Circuits Design" and "Signal Processing Circuits using OP-AMPS" or "Linear Integrated Circuits".
20. Members suggested that the course title "Digital Circuits" may be changed to "Digital Logic Circuits".
21. Suggested that, instead of using 'Design' action verb, "Model" action verb may be used while framing the Course Outcomes in "Digital Circuits" course.
22. It was pointed out that Foreign language certification need not be credit based course. Indeed it can be made a mandatory course with zero credits.
23. The external members enquired the need for incorporating four mathematical courses in the curriculum. It was mentioned that the number of courses can be reduced to three and fourth course can be incorporated with mathematical foundations that are needed for core courses that should be non repetitive.
24. The members suggested that Disaster Management course should be included as a mandatory course which can be taught by department faculty itself.
25. The external members opinioned that there should not be any choice in the end examination questions in view of the relative grading system.
26. It was pointed out that III semester is overloaded with core courses.
27. EPICS -I course can be shifted to V semester instead of III semester and EPICS -II can be moved to VII semester.

28. The members suggested that senior faculty members should sit together while finalizing the syllabus for Mathematics courses under basic sciences category.
29. Principles of Communications-I can be renamed as Analog Communication even though Pulse digital modulation is added, as suggested.
30. Principles of Communication-II can be named as Digital communications with detection and estimation from Simon Haykin as Unit -I.
31. The detailed syllabus of courses under Signal Processing module was reviewed and suggested to redefine the course outcomes. Instead of understand, it can be model action verb in Course Outcome 2 as felt.

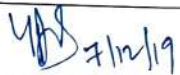



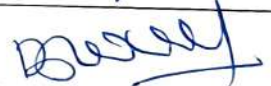
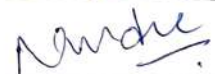



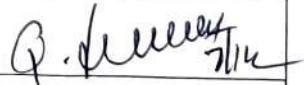



**HEAD**

**Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh**

AY: 2019-20

BOARD OF STUDIES (BOS)

S.N o	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr. Y Amar Babu	 7/12/19
2	University Nominee	Dr. A M Prasad	Not attended
3	Subject Expert (Academic)	Dr.P.Srihari Rao	
4	Subject Expert (Academic)	Dr. N.V.S.N.Sarma	
5	Subject Expert (Industry)	Mr.B.Ravi Kumar	Not attended
6	Alumni	Dr.B.Anil Kumar	Not attended
7	Internal faculty	Dr. E. V. Krishna Rao	
8	Internal faculty	Prof. B Ramesh Reddy	
9	Internal faculty	Dr. A. Narendra Babu	
10	Internal faculty	Dr. Y S V Raman	
11	Internal faculty	Dr. M Venkata Sudhakar	
12	Internal faculty	Dr. P Lachi Reddy	
13	Internal faculty	Dr. G Srinivasulu	 7/12
14	Internal faculty	Dr. G L N Murthy	

Fifth Meeting of Board of Studies in Electronic and Instrumentation Engineering Department was held on 04/03/2017 at 11.AM in HOD's room to discuss various items of R-17 regulations of B.Tech.

At the start of meeting, chairman, Sri. R.A. Naik welcomed members of board of studies and informed to the members that Dr. G. Harinatha Reddy Professor & Head N.B.I.N.R. Institute of Science & Technology has expressed his inability to attend the meeting due to some unavoidable circumstances:

With the permission of following chairman, the BOS meeting was started.

(A) Detailed discussion on following has been done:

- i) Course structure
- ii) Electives to be offered under PE & OE
- iii) Add-on courses
- iv) Audit and Mandatory Courses.

(B) The following items were discussed and approved by BOS members.

- i) PSO s, POs, and COs framed by the Department.
- ii) The weightages of POs and COs Computation for R-17 regulations.

# AGENDA

EIE

Sixth Meeting of Board of studies in Electronics and Instrumentation Engineering Department was held on 03/02/2018 in the EIE systems lab.

The main points that were discussed are

- 1) Approval of syllabi for 5<sup>th</sup> semester to 8<sup>th</sup> semester of R17 regulation.
- 2) Discussion on new model curriculum specified by AICTE for R18 regulation.
- 3) Approval of Examiners for laboratory / Mini project / Main project / Internship etc ,
- 4) Approval of modified CO's , assessment and evaluation of PO's & PSO's , Co-PO mapping.
- 5) Methodologies for innovative thinking
- 6) Co-ordinate research , Teaching , extension and other activities .
- 7) Any other point with permission of the chair .
- 8) Discussion on the PO attainments of 2013 admitted batch .



At the start of Meeting, chairman, Sri R.A. Naik welcomed members of board of studies and informed to the members that Dr. Elizabeths Rani, professor & HOD, Dept of ESE, Gitam university has expressed her inability to attend the meeting due to some unavoidable circumstances.

With the permission of chairman the BOS meeting was started on the points enlisted on Agenda, on 3/2/18 at 10:30 AM

After discussion, the following points were suggested by the BOS members.

- 1) The course title for 17E205 - Communication systems has to be changed to "principles of Analog and Digital Communication" for next regulation.
- 2) Reference book Ramakanth A. Gayakward, "Op-Amp and linear Circuits Applications" for 17E206 - Integrated circuits and Applications is to be considered as textbook and Floyd and Jain, "Digital fundamentals" should be kept as reference.
- 3) Reference book M. Rammurthy, "Thyristors & Applications" for course 17E208 - Industrial Electronics is to be considered as textbook

and remove J. Millman & C.C. Halkias, "Integrated Circuits", from reference list and PO attainments for 2013 admitted batch were discussed.

- 4) The course title for 17EI63 - optical and BMI lab is to be changed to "Opto-BMI lab" for next regulation.
- 5) For course code, 17EI15 - PC Based - Instrumentation, keep reference book, Mike Tooley, "PC Based Instrumentation & control" as second textbook and add C. chidambaram, "Computer control of processes" as reference book.
- 6) Move R.S. Khandpur, "Handbook of Analytical Instruments", from reference list to textbook list for course 17EI17 - Analytical Instruments.
- 7) Reduce the no. of reference books for course 17EI18 - Micro Electro Mechanical systems.
- 8) Move R.E. Young, "Telemetry Engineering" from reference list to textbook list for course 17EI92 - Telemetry & Telemedicine.
- 9) Syllabus content should be modified for course 17EI24 - Advanced sensors for next regulation.
- 10) Topics on renewable energy sources are to be included in course 17EI27 - PPE for next regulation.

Meeting was concluded with vote of thanks by Sri R. Sarveswara prasada and closed at 4:00pm.



BOARD OF STUDIES MEMBERS (6<sup>th</sup> MEETING)

Date: 03-02-2018

S.N O	NAME	DESIGNATION	SIGN
1.	Mr.R.Anjaneyulu Naik (Chairman of BOS)	HOD & Assoc.Professor, Dept of EIE, LBRCE, Mylavaram E-Mail: anjuitmadras@gmail.com Contact:+91-9885082543	
2.	Dr. Elizabeth Rani (University Nominee)	Professor & HOD Department of EIE, Gitam University, Gandhi Nagar, Rushikonda, Visakhapatnam- 530045, Phone: 9441032661, Email:kvelizabeth@gitam.edu	NOT PRESENT
3.	Dr. G. Harinatha Reddy (Subject Expert-1) (Academic Council Nominee)	Professor, Department of Electronics & Communication Engineering, N.B.K.R. Institute of Science & Technology, Vidyanagar-524413, Nellore District, Phone: 9246422966, reddyghr@gmail.com	
4.	Dr.Maligi Anantha Sunil (Subject Expert-2) (Academic Council Nominee)	Associate Professor, Department of ECE, Dayanandasagar Academy of Technology and management, 22 Mile, B.M.kaval, Udayapura kanakapura Road,Bangalore-560082 Email:masunil.iisc@gmail.com	
5.	Dr. P.S. Srinivas Babu (Industrial expert)	Managing Partner, SVEW Tech Automation, Hyderabad.Contact:9247314294 Email:satyrinivas.p@gmail.com	 3/2/18
6.	Mr.Mahammad Firose shaik (Alumni)	Asst.Professor,Dept of EIE.VRSEC Email:Firose786@gmail.com	
<b>INTERNAL MEMBERS</b>			
7.	Dr.Poornaiah Billa	Professor, Dept of EIE,LBRCE poornaiah@gmail.com,Contact:: 9441042920	
8.	Prof.G.Maliikarjuna Rao	Professor, Dept of EIE,LBRCE gmallik_rao@rediffmail.com,Contact:99636725 90	
9.	Dr.T.Satyanarayana	Professor, Dept of EIE,LBRCE satyamphysics@gmail.com,Contact:934642916 3	
10	Dr.Rambabu Busi	Professor, Dept of EIE.LBRCE rams1315@gmail.com,Contact: 9490927043	
11	Mr.R.Sarveswara Prasad	Assoc.Professor, Dept of EIE,LBRCE sarveswarars@gmail.com,Contact:9885637167	
12	Mr.M.Vasu Babu	Assoc. Professor, Dept of EIE,LBRCE mvbvasu56@gmail.com,Contact:9866032380	

BOS CHAIRMAN  
 HOD (DEPT OF EIE)



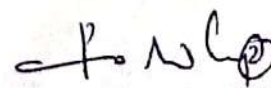
**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**  
L.B.REDDY NAGAR, MYLAVARAM-521 230. A.P. INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi  
NAAC Accredited with "A" grade & Certified by ISO 9001:2015  
**DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**  
<http://www.lbrce.ac.in>, [hodeie@lbrce.ac.in](mailto:hodeie@lbrce.ac.in), Ph:08959-222933, Extn:408,414, Fax:08659-222931

Date: 09-06-2018

AGENDA

Seventh meeting of Board of Studies in Electronics and Instrumentation Engineering department is held on 09-06-2018 at EIE systems lab to discuss the following.

1. Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.
2. AICTE model curriculum to implement forthcoming R19 regulations
  - a. To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.
  - b. To identify 6 Program Elective Courses with a total number of credits around 18.
3. Refinement of Course Outcomes (COs) if any.
4. Approval of list of examiners for the A.Y. 2018-19.
5. Calendar of events for the A.Y. 2018-19.
6. Research activities.
7. Continuous improvement.
8. To suggest methodologies in innovative teaching and evaluation techniques.
9. Faculty Self-Appraisal Form for the A.Y. 2018-19.
10. Any other point with permission of the chair

  
BOS CHAIRMAN

Seventh meeting of Board of Studies in Electronics and Instrumentation Engineering Department was held on 09/06/2018 at the EIE systems lab.

The points that were discussed and summarized as follows.

→ At the start of meeting, chairman Dr. Pournaiiah Billa welcomed members of board of studies and ~~the~~ on behalf of the department and college, he expressed his thanks to Dr. Elizabeth Rani, professor & HOD from Gitam University for having her presence.

With the permission of chairman the BOS Meeting was started on the points enlisted in the Agenda.

→ Discussion on Co-PO, PSO assessment tools and weightages, to measure attainment values of Co, PO & PSO was done.

→ committee suggests the re-admitted/detained students, the studies continue with their same regulation

→ Co-PO & PSO attainment values were shown & suggested corrective measures for continuous improvement and

## Feedback analysis of previous academic year events

- Broad discussion on AICTE model curriculum to be implemented for R19 regulation took place.
- List of examiners for the academic year 2018-19 has been approved.
- Proposed calendar of events for the academic year 2018-19 was discussed and suggestions were made to include more no. of ISOE activities.
- Various ways of enhancing research activities were proposed and discussed. It is suggested to start consultancy projects combining with other departments of the college.
- In addition to ICT methodologies, blog development by the concerned faculty was also suggested in innovative teaching & learning techniques.
- Suggestions were made to include the components like thesis evaluation for Ph.D work, paper setting for other colleges and invited speaker/judge for conferences/technical events in the self Appraisal Form (SAPF).

Meeting was concluded with vote of thanks by Sri R. Sarveswara Prasad.

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**

L.B.REDDY NAGAR, MYLAVARAM-521 230.A.P. INDIA

Affiliated to JNTUK, Kakinada &amp; Approved by AICTE, New Delhi

NAAC Accredited with "A" grade &amp; Certified by ISO 9001:2015

**DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**

http://www.lbrce.ac.in. hodeie@lbrce.ac.in. Ph:08659-222933, Extn:408,414, Fax:08659-222931

**BOARD OF STUDIES MEMBERS (7<sup>th</sup> MEETING)**

Date:09-06-2018

S.NO	NAME	DESIGNATION	Signature
1.	Dr.Poornaiah Billa (Chairman of BOS)	Professor & HOD, Dept of EIE,LBRCE poornaiah@gmail.com,Contact:: 9441042920	
2.	Dr. Elizabeth Rani (University Nominee)	Professor & HOD Department of EIE, Gitam University, Gandhi Nagar, Rushikonda, Visakhapatnam-530045, Phone: 9441032661, Email:kvelizabeth@gitam.edu	
3.	Dr. P.S. SrinivasBabu (Industrial expert)	Managing Partner,SVEW Tech Automation, Hyderabad.Contact:9247314294 Email:satyasrinivas.p@gmail.com	
4.	Prof.G.MaliikarjunaRao	Professor, Dept of EIE,LBRCE gmalik_rao@rediffmail.com,Contact:9963672590	
5.	Dr.T.Satyanarayana	Professor, Dept of EIE,LBRCE satyamphysics@gmail.com,Contact:9346429163	
6.	Dr.RambabuBusi	Professor, Dept of EIE,LBRCE rams1315@gmail.com,Contact: 9490927043	
7.	Mr.R.AnjaneyuluNaik	Assoc.Professor, Dept of EIE,LBRCE,Mylavaram E-Mail: anjuiitmadras@gmail.com Contact:+91-9885082543	
8.	Mr.R.Sarveswara Prasad	Assoc.Professor, Dept of EIE,LBRCE sarveswarars@gmail.com,Contact:9885637167	
9.	Mr.M.VasuBabu	Assoc. Professor, Dept of EIE,LBRCE mvbvasu56@gmail.com,Contact:9866032380	

BOS CHAIRMAN  
HOD (DEPT OF EIE)



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**  
L.B.REDDY NAGAR, MYLAVARAM-521 230.A.P. INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi  
NAAC Accredited with "A" grade & Certified by ISO 9001:2015  
**DEPARTMENT OF ELECTRONICS & INSTRUMENTATION ENGINEERING**  
<http://www.lbrce.ac.in>, [hodeie@lbrce.ac.in](mailto:hodeie@lbrce.ac.in), Ph:08959-222933, Extn:408,414, Fax:08659-222931

Date: 15-06-2019

**AGENDA**

Ninth meeting of Board of Studies in Electronics and Instrumentation Engineering department is going to be held on 15-06-2019 at EIE systems lab to discuss the following.

1. Approval of Articulation matrix (CO-PO mapping) for R17 regulation.
2. Development of R20 regulations.
3. Result analysis for the A.Y. 2018-19 (Even Semester).
4. Effective implementation of TEL (Technology Enabled Learning).
5. Suggestions for any additional appointment of examiners.
6. Suggestions to improve research and academic activities.
7. Approval of stake-holders feedback.
8. Approval of Calendar of Events.
9. Suggestions to create blogs by BOS members and posting of emerging technologies.
10. Any other matter with the permission of the chairperson.

  
BOS CHAIRMAN

(Dr Poornaiah Billa)



9<sup>th</sup> meeting of Board of studies in Electronics and Instrumentation Engineering department was held on 15/06/2019 at the EIE systems lab.

The points that were discussed and summarized as follows.

At the start of the meeting, chairman Dr Poomarai Billa welcomed members of Board of studies on behalf of the college and department, he expressed his thanks to all the BOS members for having their presence.

With the permission of chairman the BOS meeting was started on the points enlisted in the agenda.

→ Approval of Articulation matrix (Co-PO mapping) for R17 regulations was done.

→ R20 regulations skeleton & course structure was discussed & suggested the following points

\* The course digital electronic circuits was suggested to be included in the 3<sup>rd</sup> semester.

- \* Due to reduced weightage of program core, it was suggested by BOS members to merge 2 courses i.e., Transducers & industrial instrumentation.
  - \* Suggested to opt Aerospace & Navigation in the program elective by the students.
  - \* Offer signal & systems in 4<sup>th</sup> semester followed by digital signal processing in 5<sup>th</sup> semester.
  - \* Make OELI as program core instead of program elective.
  - \* suggested the course title "Nano sensors" instead of "Nano Technology".
- suggested to improve II<sup>nd</sup> & IV<sup>th</sup> semester results.
- Approvals were given for TEL, stake holders feedback & Calender of Events.

Meeting was concluded with vote of thanks by Mr. R. Anjaneyulu Naik.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC with B++ Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

ELECTRONICS & INSTRUMENTATION ENGINEERING

BOARD OF STUDIES MEMBERS (9<sup>th</sup> MEETING)

Date: 15-06-2019

S.NO	NAME	DESIGNATION	Signature
1.	Dr.Poornaiah Billa (Chairman of BOS)	Professor & HOD, Dept of EIE,LBRCE Contact: 9441042920 Email: poornaiah@gmail.com	
2.	Dr. B Tirumala Krishna (University Nominee)	Professor Department of ECE, JNTUK, Kakinada, Visakhapatnam-533003, Phone: 9848992922, Email:tkbattula.ece@jntukucev.ac.in	
3.	Dr Y Srinivasasa Rao (Subject Expert I)	Professor & HOD, Dept. of Instrument Technology AU, Visakhapatnam-530003 Phone: 9966526013 Email:sriniwasarau@gmail.com	
4.	Dr Maligi Anantha Sunil (Subject Expert II)	Associate Professor Dept of ECE, BMS college of Engineering, Bangalore Phone:948077344 Email:masunil.iisc@gmail.com	
5.	Mr M Srinadh (Industrial Expert)	Scientist E, NSTL, Visakhapatnam Phone:9494723939 Email:srinadh.m@nstl.drdo.in	
6.	Mr P Prasad (Alumni)	A.E, VTPS Kondapalli, Vijayawada Phone:9533334007 Email:palagani36@gmail.com	<b>NOT ATTENDED</b>
7.	Dr.RambabuBusi (Internal Member)	Professor, Dept of EIE,LBRCE Contact: 9490927043 Email : rams1315@gmail.com	
8.	Dr.T.Satyanarayana (Internal Member)	Professor, Dept of EIE,LBRCE Contact:9346429163 Email : satyamphysics@gmail.com	
9.	Mr.R.AnjaneyuluNaik (Internal Member)	Assoc.Professor, Dept of EIE,LBRCE Contact:+91-9885082543 Email: anjuitmadras@gmail.com	
10.	Mr.R.Sarveswara Prasad (Internal Member)	Assoc.Professor, Dept of EIE,LBRCE Contact:9885637167 Email : sarveswarars@gmail.com	AICTE FDP

BOS CHAIRMAN  
HOD (DEPT OF EIE)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with B++ Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

ELECTRONICS & INSTRUMENTATION ENGINEERING

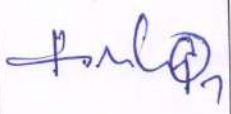
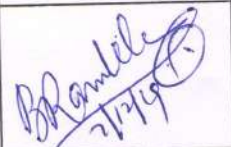
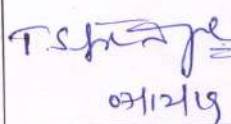
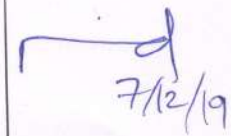
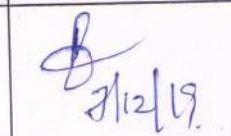
Date: 07-12-2019

The board of studies meeting is held on 07-12-2019 in the Department of Electronics & Instrumentation Engineering.

### Agenda of the Meeting:

- Finalization of course structure for B. Tech Program under R 20 regulations
- Detailed discussion on course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs)
- Discussion and approval of Open Electives
- Discussion on UG Degree with additional Minor Engineering (20 credits through MOOCs-as per AICTE Model curriculum)
- Suggestions required for improving R & D.
- Discussion on the results for Even Semester of A.Y. 2018-19.
- Any other with the permission of the chairman.

### Members Present:

S.N	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1	Chairman	<b>Dr B Poornaiah, HOD &amp; Professor</b> Department of EIE Lakireddy Balireddy College of Engineering Mylavaram. Contact: +919441042920 Mail id: <a href="mailto:hodeie@lbrce.ac.in">hodeie@lbrce.ac.in</a>	 7/12/19
2	Internal faculty	<b>Dr B Rambabu, Professor</b> Department of EIE Lakireddy Balireddy College of Engineering Mylavaram. Contact: +917981767562 Mail id: <a href="mailto:rams1315@gmail.com">rams1315@gmail.com</a>	 7/12/19
3	Internal faculty	<b>Dr T Satyanarayana, Professor</b> Department of EIE Lakireddy Balireddy College of Engineering Mylavaram. Contact: +919346429163 Mail id: <a href="mailto:drtsatyam@gmail.com">drtsatyam@gmail.com</a>	 07/12/19
4	Internal faculty	<b>Mr R Sarveswara Prasad, Associate Professor</b> Department of EIE Lakireddy Balireddy College of Engineering Mylavaram. Contact: +919885637167 Mail id: <a href="mailto:sarveswarars@gmail.com">sarveswarars@gmail.com</a>	 7/12/19
5	Internal faculty	<b>Mr R Anjaneyulu Naik, Associate Professor</b> Department of EIE Lakireddy Balireddy College of Engineering Mylavaram. Contact: +919885082543 Mail id: <a href="mailto:anjuitmadras@gmail.com">anjuitmadras@gmail.com</a>	 7/12/19



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with B++ Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

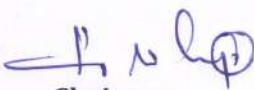
ELECTRONICS & INSTRUMENTATION ENGINEERING


Date: 09-12-2019

### Minutes of Board of Studies (BOS) Meeting

The Board of Studies (BOS) meeting with internal members was held on 07/12/2019 in the department of Electronics and Instrumentation Engineering. The following points were discussed and to be approved by External BOS members in the next meeting.

- **Course Structure for B.Tech R 20 Regulation :**
  - Introduction of integrated courses with special focus on employability enhancement skills in the emerging software technologies.
- **Open Electives for R 20 Regulation :**
  - Considering growing demand and need of automation engineers, the department is offering five open elective courses with special focus on basic principles of instrumentation & automation.
- **UG degree with additional minor engineering through MOOCs :**
  - In 8<sup>th</sup> semester academic flexibility is provided to carry out B.Tech main project at nationally reputed organization that enable students to competent enough for industry needs.
- **Results for Even semester of A.Y. 2018-19 :**
  - Overall result in all semesters is good. However, the pass percentage found to be around 75% in 3 courses.
- **Admissions :**
  - The strategies for improvement of admissions for the coming academic year were discussed.

  
Chairman

  
Internal Member 1

  
Internal Member 2 07/12/19

  
Internal Member 3

  
Internal Member 4



**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 "A" grade, New Delhi & Certified by ISO 9001:2008,  
[http:// www.lbrce.ac.in](http://www.lbrce.ac.in)

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Agenda of the BOS Meeting for B.Tech (Information Technology) on 07-05-2016**

**Members Present:**

1. Dr.J.V.Ramana Murthy,JNT University,Kakinada
2. Dr.K.P.Supreethi,JNT University,Hyderabad
3. Mrs. S. Suneetha, VRSEC, Vijayawada.
4. Dr.D.Naga Raju,LBRCE,Mylavaram
5. Dr.S.Naganjaneyulu,LBRCE,Mylavaram
6. Smt.K.Lavanya,LBRCE,Mylavaram
7. Smt.K.Anu Priya,LBRCE,Mylavaram

**Agenda:**

- The PSO<sub>s</sub> and POs prepared by the department will DAC recommendations
- Cos for R11 Regulation COs for R14 Regulation and modified Cos for R14.
- The COs and POs computation procedure adapted for R11 for III yr and IV yr B.Tech a R14 for I and II B.Tech.
- The weightages for Cos computation are (i) 60% of External + 40% of Internal for R11 regulations considered (ii) 50% of External + 40% of Mid Exams for R11 + 10% Assignment & Quiz for R14 regulations.
- The weightage considered for POs computation is to be taken 100%, 67%, & 33%.
- The course content division process and program articulation matrix (CO vs PO +PSO) submitted with recommendation by DAC.
- The quality of question papers is reviewed by course module coordinators.
- List of External Examiners for practicals.
- List of papers valuator.
- Conduction of at LBRCE spot valuation.
- The process for designing the program curriculum which is passed through DAC.
- Comparative table indicating the curriculum content division of our college with 3 others Universities.



**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 "A" grade, New Delhi & Certified by ISO 9001:2008,  
<http://www.lbrce.ac.in>

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 7<sup>th</sup> May 2016

**Minutes of the BOS Meeting for B.Tech (Information Technology)**

- The POs defined by NBA are discussed at length and are approved.
- The PSOs prepared by the department with DAC recommendations are discussed and approved with slight modification in PSO(3) and PSO(4) .
- Committee discussed and refined course outcomes of R14 Regulation and R11 Regulation. Hence modified CO's attached at ANEXURE-I.
- The COs and POs computation procedure adapted for R11 and R14 Regulation are discussed and approved.
- The weightages for COs computation are discussed and approved.

Regulation	Internal	External	Assignment / Quiz
R11	40%	60%	-
R14	40%	50%	10%

- The weightages for COs computation are discussed and approved.

Regulation	3-Strongly Correlated	2-Moderatly Correlated	1-Lightly Correlated
R14	100%	67%	33%

- The course content division process and program articulation matrix (COs vs POs + PSOs, Courses vs POs + PSOs) submitted with recommendation by DAC are discussed and approved. Hence course division and articulation matrices are attached at ANEXURE-II, ANEXURE-III and ANEXURE-IV.
- Discussed at length about the quality of question papers be reviewed by Module coordinators.
- List of External Examiners for practicals is approved.
- List of paper valutors is approved.
- Conduction of at LBRCE spot valuation is approved.
- The process for designing the program curriculum which is passed through DAC is discussed and approved.
- Comparative table indicating the curriculum content division of our college with 3 others is discussed and approved.

S.No	Name of the Member	Designation	College Name / Industry Name	Status	Signature
1	Dr.J.V.Ramana Murthy	Professor, CSE	JNTUK	Member	- NOT Present -
2	Dr.K.P.Supreethi	Asst. Professor	JNTUH	Member	Supreethi K.P
3	Dr. N.B. Venkateswarlu	Professor, CSE	AITAMCE, Tekkali	Special Invitee	NB Venkateswarlu
4	Mrs. S. Suneetha	Asst. Professor, IT	VRSEC, Vijayawada	Member	- NOT Present -
5	Dr.D.Naga Raju	Professor & HOD, IT	LBRCE, Mylavaram	Member	D.Naga Raju
6	Dr. R. Chandrasekharam	Dean, School of Computing	LBRCE, Mylavaram	Member	R. Chandrasekharam
7	Dr.S.Naganjaneyulu	Professor	LBRCE, Mylavaram	Member	S.Naganjaneyulu
8	Smt.K.Lavanya	Sr. Asst. Professor	LBRCE, Mylavaram	Member	K.Lavanya
9	Smt.K.Anu Priya	Asst. Professor	LBRCE, Mylavaram	Member	K.Anu Priya





**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 with "A" grade, Certified by ISO 9001:2013

<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 04-03-2017

**BOS Meeting Agenda**

The Board of Studies meeting held on 04-03-2017 in the department of Information Technology discussed the following items of R-17 regulations of B.Tech./MBA/MCA.

- A) Detailed discussion on the following has been done:
- i) Course structure
  - ii) Electives to be offered under PE & OE
  - iii) Add-on courses
  - iv) Audit & Mandatory courses
- B) The following items were also discussed and approved.
- i) Course structure for 1/2/3/4 year B.Tech/MBA/MCA course of R-17 regulations.
  - ii) Detailed syllabus of B.Tech/MBA/MCA (I semester to IV semester) along with outcomes of each course.
  - iii) The panels of external examiners for all department core activities, during the four A.Ys i.e. 2017-18 to 2020-21.
    - Paper setters for all department theory courses
    - Paper valuers for spot and external evaluation (department core)
    - Project work adjudication
    - All department laboratory courses



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**  
Accredited NAAC with "A" grade, ISO 9001:2015 Certified Institution,  
Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada  
L.B. Reddy Nagar, Mylavaram-521 230. Krishna Dist, Andhra Pradesh, INDIA  
<http://www.lbrce.ac.in> phone: 08659-222933, 222934 Ex:109  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

4<sup>th</sup> MARCH 2017

**Minutes of the BOS Meeting for B.Tech (Information Technology)**

- Committee discussed and approved Course Structure of R17 Regulation
- Committee discussed and approved Course Structure of R17 Regulation

The following suggestions made by the committee

- Interchange of DAA course in V SEM to TOC&CD course in VI SEM.
- Interchange of SN course in PE2 of VI SEM to MC course in PE3 of VII SEM
- Committee discussed and approved the Electives to be offered and PE&OE.
- Committee discussed and approved Add-on courses.
- Committee discussed and approved Audit & Mandatory courses.
- Committee discussed R17 Regulation syllabi with Course Outcomes (CO's) from I to IV SEM. The list of courses attached at ANEXURE-I.
- Some of the suggestions made during syllabi discussion, which includes
  - a. In I SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
Computer Programming	Dr. D Rajya Lakshmi Dr. G. Varaprasad Mr. T. Aravinda Reddy	Refine the CO1.

- b. In III SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
OOPS Through JAVA	Dr. D Rajya Lakshmi Dr. G. Varaprasad Mr. T. Aravinda Reddy	CO2 Refined as Implement OOP concepts using JAVA. Refine the CO6 .

c. In IV SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
Web Technologies	Dr. D Rajya Lakshmi Dr. G. Varaprasad Mr. T. Aravinda Reddy	Refine the CO2, CO5
Computer Organization		Change the edition of the textbook (M.Morris Mano)
Discrete Mathematics		Refine the CO5,CO3
Python		Refine CO5
UML		Change the edition of the textbook (Grady Booch).

- Committee discussed and approved Regulations
- Committee discussed and approved mapping with Course to POs and PSO's of I to IV SEM R17.
- Committee discussed and approved mapping with COto POs and PSO's of I to IV SEM R17.
- Committee discussed methods for teaching learning process
- Committee discussed and approved panels of external examiners for all theory , lab and Project courses of R17 regulation
- Stake holders involvement discussion
- Approved all DAC Points
- Suggested to weighted average concept for attainment of Course Outcomes and Program Outcomes
- Also discussed Target setting/refining for all Program Outcomes based on levels of POs. Where POs target set into three levels
  - a. Targets for POs initially set/fixed according to the no.of courses correlated with that PO.
  - b. PO which is correlated strong (i.e., with more than 40 courses ) set high targets 70% and marginal (i.e., with more than 20 courses) set 65% and poor <20 set to 60%.
- Suggestions given on research activities, teaching learning process ,industry initiatives

I) Signatures of external members with names:

S.NO	NAME	Designation	SIGNATURE
1	Dr. D Rajya Lakshmi	Professor of CSE & Vice-Principal (Academics), JNTU-NRT	<i>D. Rajya Lakshmi</i>
2	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	<i>G. Varaprasad</i>
3	Mr. T. Aravinda Reddy	Sr. Technical Lead, Gainspan Systems India Pvt. Ltd, Bangalore	<i>T. Aravinda Reddy</i>
4	Ms. K. Hemanthi	Alumni of Dept. of IT, LBRCE	<i>K. Hemanthi</i>
5	Sir. M. Srinu	Parent of Ms. Himaja	<i>M. Srinu</i>

II) Signatures of Internal members with names:

S.NO	NAME	Designation	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	<i>S. Naganjaneyulu</i>
2	Mrs. K. Lavaanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>K. Lavaanya</i>
3	Mrs. K. Anu Priya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>K. Anu Priya</i>
4	Mr. T. Suresh	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>T. Suresh</i>

Signature of BoB Chairman with name.

*(Dr. D. NAGARAJU)*

**Head of the Department**  
**Department of Information Technology**  
**Lakireddy Bali Reddy College of Engineering**  
**MYLAVARAM-521 130, Krishna Dt., A.P., INDIA**



**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 with "A" grade, Certified by ISO 9001:2013

<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 27-01-2018

**Circular**

The Board of Studies (BOS) meeting is schedule on 03-02-2018 @ 10.00 AM. The committee members are requested to make it convenient to attend the meeting without fail.

Venue: IT HOD ROOM

Agenda:

1. Approval of R17 Syllabi (V Sem to VIII Sem)
2. Suggestions on AICTE model syllabi.
3. Approval of panel of examiners for Theory, Lab and Project.
4. Suggestions on employability skills-I & II courses in V & VI semesters.
5. Approval of subjects for readmitted candidate.
6. Any other matter with permission of chair.

  
Chairman, BOS

Copy to:

External members:

S.NO	NAME	DESIGNATION
1	Dr. D Rajya Lakshmi	Professor of CSE & Vice-Principal (Academics), JNTU-NRT
2	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.
3	Mr. T. Aravinda Reddy	Sr. Technical Lead, Gainspan Systems India Pvt. Ltd, Bangalore
4	Mr.M.Srinu	Alumni, Dept. of IT, LBRCE
5	Sir. K.AdiVenkataSesha Prasad	Parent of Ms.K.Sravani, Dept. of IT, LBRCE

Internal members:

S.NO	NAME	DESIGNATION
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram
2	Dr. B. Srinivasa Rao	Professor, Dept. of IT, LBRCE, Mylavaram
3	Dr. E. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram
4	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram
5	Mrs. K. AnuPriya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram
6	Mr. T. Suresh	Assistant Professor, Dept. of IT, LBRCE, Mylavaram



**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 with "A" grade, Certified by ISO 9001:2008  
<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

3<sup>rd</sup> FEB 2018

**Minutes of the BOS Meeting for B.Tech (Information Technology)**

- Committee discussed and approved R17 Syllabi (V Sem to VIII Sem)
- Committee discussed R17 Regulation syllabi with Course Outcomes (CO's), CEO's, CO-PO mapping and CO-PSO mapping from V to VIII SEM. The list of courses attached at ANEXURE-I.

Some of the Recommendations/Suggestions made during syllabi discussion, which includes

- a. In V SEM, the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion given
17CI17-Data Communications and Computer Networks	Dr. D Rajya Lakshmi Dr. G. Varaprasad Mr. T. Aravinda Reddy	<ul style="list-style-type: none"><li>• Need to refine CO2.</li></ul>
17CI08-Design and Analysis of Algorithms		<ul style="list-style-type: none"><li>• Need to refine CO-PO-PSO Mapping</li></ul>
17CI10-Software Engineering		<ul style="list-style-type: none"><li>• To remove DBMS as pre-requisite</li><li>• Need to refine CO-PO-PSO Mapping</li></ul>
17IT04 -Software Testing Quality Assurance		<ul style="list-style-type: none"><li>• Add C-Programming, Data Structures as pre requisite subjects.</li></ul>
17CI13-Advanced Database Management Systems		<ul style="list-style-type: none"><li>• Add case study : MongoDB</li></ul>
17CI23-Artificial Intelligence		<ul style="list-style-type: none"><li>• Revise CO4,CO5</li></ul>

b. In VI SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
17CI20-Information Security	Dr. D Rajya Lakshmi Dr. G. Varaprasad	• Need to revise 5 <sup>th</sup> Unit.
17IT63-R Programming Lab	Mr. T. Aravinda Reddy	• Need to revise cycles

c. In VII SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
17CI27-Software Requirements Engineering	Dr. D Rajya Lakshmi Dr. G. Varaprasad	• Replace project management with Software Testing Quality Management as prerequisite subject.
17CI68-Big Data with Hadoop Lab	Mr. T. Aravinda Reddy	• Mapping of CO-PO-PSO to be revised.

d. In VII SEM ,the following Recommendations/Suggestions made by members

Subject	Member	Recommendations/Suggestion
17CI28 Machine Learning	Dr. D Rajya Lakshmi Dr. G. Varaprasad	• Need to revise 5 <sup>th</sup> Unit.
17CI31 -Ad-Hoc Networks	Mr. T. Aravinda Reddy	• Better to suggest latest edition.

- Committee recommended to map maximum 2 PSO's for each CO to all courses.
- Committee discussed on AICTE model syllabi.
- Committee discussed and approved CO to PO and PSO mapping from V to VIII SEM R17.
- Committee approved panel of examiners for Theory, Lab and Projects.
- Committee discussed and made some suggestions on Employability skills-I & II courses in V and VI Semester.
- Committee discussed and approved subjects of readmitted candidates.



**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 with "A" grade, Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931

**DEPARTMENT OF INFORMATION TECHNOLOGY**

I) Signatures of external members with names:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. D Rajya Lakshmi	Professor of CSE & Vice-Principal (Academics), JNTU-NRT	<i>D. Rajya Lakshmi</i>
2	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	<i>G. Varaprasad</i>
3	Mr. T. Aravinda Reddy	Sr. Technical Lead, Gainspan Systems India Pvt. Ltd, Bangalore	<i>T. Aravinda Reddy</i>
4	Mr. M.Srinu	Alumni, Dept. of IT, LBRCE	<i>M. Srinu</i>
5	Sir. K.Adi Venkata Sesha Prasad .	Parent of Ms. K.Sravani, Dept. of IT, LBRCE	<i>Adi Venkata Reddy</i>

II) Signatures of Internal members with names:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	<i>S. Naganjaneyulu</i>
2	Dr. B. Srinivasa Rao	Professor, Dept. of IT, LBRCE, Mylavaram	<i>B. Srinivasa Rao</i>
3	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	<i>B. Rama Devi</i>
4	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>K. Lavanya</i>
5	Mrs. K. Anu Priya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>K. Anu Priya</i> 3/02/2018
6	Mr. T. Suresh	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	<i>T. Suresh</i>

*L. Srinu*

Signature of BoS Chairman with name:

Head of the Department  
Department of Information Technology  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM-521 230, Krishna Dt., A.P. INDIA





**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

---

Date: 07-06-2018

All the HODs are informed to discuss the following agenda points in the forthcoming BOS meeting.

- (1) Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.
- (2) Discussion on AICTE model curriculum to implement forthcoming R19 regulations
  - To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.
  - To identify 6 Program Elective Courses with a total number of credits around 18.
- (3) Refinement of Course Outcomes (COs) if any
- (4) Approval of list of examiners for the A.Y. 2018-19.
- (5) Discussion on Calendar of events for the A.Y. 2018-19.
- (6) Discussion on Research activities.
- (7) To suggest methodologies in innovative teaching and evaluation techniques.
- (8) Discussion on Faculty Self-Appraisal Form for the A.Y. 2018-19.

**Note:** HODs may add few more agenda points along with the above mentioned points. MCA and MBA depts may add/delete the above points as applicable.



**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 with "A" grade, Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931

**DEPARTMENT OF INFORMATION TECHNOLOGY**

9<sup>th</sup> June 2018

**Minutes of the Meeting- BOS held on 09-06-2018 @ 11.00 PM**

The Board of Studies meeting held on 09-06-2018 in the department of Information Technology, discussed the following items.

1. Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.
2. Discussion on AICTE model curriculum to implement forthcoming R19 reg
  - To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.
  - To identify 6 Program Elective Courses with a total number of credits around 18.
3. Refinement of Course Outcomes (COs) if any
4. Approval of list of examiners for the A.Y. 2018-19.
5. Discussion on Calendar of events for the A.Y. 2018-19.
6. Discussion on Research activities.
7. To suggest methodologies in innovative teaching and evaluation techniques.
8. Discussion on Faculty Self-Appraisal Form for the A.Y. 2018-19.

After lengthy discussions, the following items were approved/suggested.

1. The subjects for readmitted candidate (i.e from R14 regulations to R17) have been approved.

Semester	Regular Subject	Substituted Subject
II SEM	BEE(17EE52)	EDC(17EC02)
	ECSLab(17FE60)	EDC Lab(17EC61)
IV SEM	DMS(17CI03)	DBMS(17CI09)
V SEM	EEA(17HS01)	OOAD(17IT02)
	MP&MC(17EC02)	PP(17CIO4),
	MP&MC Lab(17EC70)	PP Lab(17CI62),

2. It is resolved to design the curriculum of B.Tech (IT) as per the guidelines of AICTE with total credits of 160.
3. It is decided to design course structure for new regulations with Program Core Subjects (Credits do not exceed 49) and Program Elective Subjects (Credits do not exceed 18).

4. The members felt to add DMS course in III Semester which helps students to learn Data Structures Course more efficient and in place of DMS suggested to add AT&CD Course.
5. The panel suggested to add multimedia course in CG course and call it CG&Multimedia.
6. To balance credits according to AICTE Model Curriculum, the members felt that better to exclude some courses like STQA Course.
7. The panel suggested course R with Statistics in V SEM and suggested to shift CC course to VI SEM.
8. The panel recommended conducting Comprehensive viva in VI SEM instead of VIII SEM, which is useful to the students for their GATE Preparation & Campus Placements. They also suggested adding MOOCS based evaluation for Comprehensive viva.
9. The members suggested including some subjects like Web Service, SOA and DLD Lab into new regulation as per AICTE model curriculum.
10. The panel suggested to complete the course structure (draft) within 3 months.
11. The panel of examiners for projects and external labs has been approved.
12. The panel approved list of examiners for the A.Y. 2018-19.
13. The CO statements of all subjects (R14) and their mapping to POs & PSOs are approved.
14. The Calendar of Events for the academic year 2018-19 has been approved.
15. The panel suggested to use simulation based approach for Innovative Teaching-Learning Practices and also approved evaluation process.
16. The Panel identified that "Data Engineering" as Research Thrust Area.
17. The Panel discussed on Faculty Self-Appraisal Form.



**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 with "A" grade, Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931

**DEPARTMENT OF INFORMATION TECHNOLOGY**

I) Signatures of external members with names:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. D Rajya Lakshmi	Professor of CSE & Vice-Principal (Academics), JNTU-NRT	
2	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	
3	Mr. T. Aravinda Reddy	Sr. Technical Lead, Gainspan Systems India Pvt. Ltd, Bangalore	
4	Mr. M.Srinu	Alumni, Dept. of IT, LBRCE	
5	Sir. K.Adi Venkata Sesha Prasad	Parent of Ms. K.Sravani, Dept. of IT, LBRCE	

II) Signatures of Internal members with names:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	
2	Dr. B. Srinivasa Rao	Professor, Dept. of IT, LBRCE, Mylavaram	
3	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	
4	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
5	Mrs. K. Anu Priya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
6	Mr. T. Suresh	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	

Signature of BoS Chairman with name:

(Dr. D. Nagaraj)

Head of the Department  
Department of Information Technology  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM-521 230, Krishna Dt., A.P., INDIA



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)**  
Accredited NAAC with "A" grade, ISO 9001:2015 Certified Institution,  
Approved by AICTE New Delhi & Affiliated to JNTUK, Kakinada  
L.B. Reddy Nagar, Mylavaram-521 230, Krishna Dist, Andhra Pradesh, INDIA  
<http://www.lbrce.ac.in> phone: 08659-222933, 222934 Ex:109  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 22-12-2018

Agenda:

1. Approval of COs changes and mapping, justification
2. Suggestions for next regulations of curriculum aspects
3. Approval of Innovative Teaching methodologies and evaluation techniques
4. Suggestions for any additional appointment of examiners
5. Suggestions for any research and academic activities
6. Approval of stakeholders' feedback
7. Suggestions on Open Book Examination
8. Suggestion on Budget proposal for Research Labs
7. Any other matter

External members:

S.NO	NAME	Designation & Address	BOS Position	Signature
1	Prof..K.V.Ramana'	Professor of CSE Department, UCEK, JNTUK	JNTU Nominee	
2	Prof. Atul Negi	Professor, University of Hyderabad	Subject Expert	<del>Not Present</del>
3	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	Subject Expert	
4	Mr. T. Aravinda Reddy	Sr. Technical Lead, Telit Communications India Pvt. Ltd, Bangalore	Industry Expert	
5	Ms.K. Hemanthi	Department of IT, LBRCE, Mylavaram.	Alumni of Dept. of IT, LBRCE	
6	Sir. M. Srinu	Velvadam (PO) Mylavaram MD Krishna DT	Parent of Himaja	

Internal members:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	
2	Dr. B. Srinivasa Rao	Professor, Dept. of IT, LBRCE, Mylavaram	
3	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	
4	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
5	Mrs. K. Anupriya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	

Chairman, BOS  
Head of the Department  
Department of Information Technology  
Lakireddy Bali Reddy College of Engineering  
Mylavaram-521 230, Krishna Dt., A.P., INDIA.



**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 with "A" grade. Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931

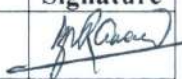
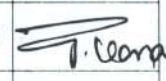


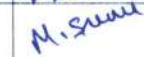
**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Minutes of the BoS Meeting held on 22nd December 2018**

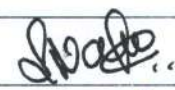


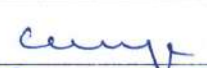
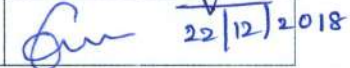
The Board of Studies (BoS) meeting started at 9.30AM on 22-12-2018 in HOD's Chamber. Members of BoS have discussed and approved various points as mentioned below.

1. The PO, PSO attainments obtained for the Batch 2014 (2014-2018) were verified and approved.
2. Targets for the POs & PSOs fixed by the DAC for the Batch 2018 (2018-2022) were verified and approved.
3. The CO attainments achieved for the academic year 2017-2018 were verified and approved.
4. Targets for the COs fixed by the DAC for the academic year 2017-2018 were verified and approved.
5. Committee discussed and suggested the curriculum aspects and reference books for the next Regulation.
6. Mr. T. Aravinda Reddy suggested to add Machine Learning as a core subject.
7. Prof. K. V. Ramana suggested a text book for Python Programming authored by Vamsi Kumar Pearson Publishers.
8. Prof. K. V. Ramana also suggested Django framework and Go framework for Python lab
9. Flicker and Edmodo are suggested by Mr. T.Aravinda Reddy as an innovative learning tool in Teaching Learning Process
10. Dr. G. Varaprasad suggested to frame the topic wise Outcomes and these outcomes should be considered to write Course Outcomes for the next Regulation.
11. Dr. G. Varaprasad suggested introducing Integrated Courses which consists of Theory with Lab together.
12. Dr. G. Varaprasad suggested to do Course End Survey for the indirect evaluation of Course Outcomes.

External members:

S.NO	NAME	Designation & Address	BOS Position	Signature
1	Prof..K.V.Ramana	Professor of CSE Department, UCEK, JNTUK	JNTU Nominee	
2	Prof.Atul Negi	Professor, University of Hyderabad	Subject Expert	NOT Present
3	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	Subject Expert	
4	Mr. T. Aravinda Reddy	Sr. Technical Lead, Telit Communications India Pvt. Ltd, Bangalore	Industry Expert	
5	Ms.K. Hemanthi	Department of IT, LBRCE, Mylavaram.	Alumni of Dept. of IT, LBRCE	
6	Sir. M. Srinu	Velvadam (PO) Mylavaram MD Krishna DT	Parent of Himaja	

Internal members:

S.N O	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	
2	Dr. B. Srinivasa Rao	Professor, Dept. of IT, LBRCE, Mylavaram	
3	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	
4	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
5	Mrs. K. Anupriya	Assistant Professor, Dept. of IT, LBRCE, Mylavaram	 22/12/2018

  
Chairman, BOS

Head of the Department  
Department of Information Technology  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM-521 230, Krishna Dt.,A.P.,INDIA



**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  
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015  
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 07-06-2019

**Circular**

The Board of Studies (BOS) meeting is schedule on 15-06-2019 @ 10.00 AM. The committee members are requested to make it convenient to attend the meeting.

Venue: I.T HOD ROOM

Agenda:

1. Discussion on AICTE model curriculum to implement forthcoming R 20 Regulations
2. Suggestions on Integrated Course Design
3. Approval of Innovative Teaching methodologies and evaluation techniques
4. Approval for the list of External examiners (A.Y: 2019-20)
5. Suggestions for any research and academic activities.
6. Approval of stakeholders' feedback
7. Approval for Calendar of events
8. Any other matter

Chairman, BOS

Copy to:

External members:

S.NO	NAME	Designation & Address	BOS Position	Signature
1	Prof. K.V. Ramana	Professor of CSE Department, UCEK, JNTUK	JNTU Nominee	
2	Prof. Atul Negi	Professor, University of Hyderabad	Subject Expert	
3	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	Subject Expert	- Not Present -
4	Mr. T. Aravinda Reddy	Sr. Technical Lead, Telit Communications India Pvt. Ltd, Bangalore	Industry Expert	
5	Ms. K. Hemanthi	Department of IT, LBRCE, Mylavaram.	Alumni of Dept. of IT, LBRCE	
6	Sir. M. Srinu	Velvadam (PO) Mylavaram MD Krishna DT	Parent of Himaja	

Internal members:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	
2	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	
3	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
4	Mrs. K. Anupriya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	





**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  
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015  
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109  
**DEPARTMENT OF INFORMATION TECHNOLOGY**


Date: 15-06-2019

**Minutes of the BoS Meeting held on 15<sup>th</sup> June 2019 B.Tech UG (IT)**

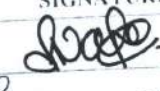


The Board of Studies (BoS) meeting started at 9.30AM on 15-06-2018 in HOD's Chamber. Members of BoS have discussed and approved various points as mentioned below.

1. Discussed and suggested following things related to forthcoming R20 Regulation:
  - Committee suggested the subjects which includes Digital Logic Design, Python Programming, and Data Structures under Engineering Sciences (E-S).
  - Committee suggested that some subjects which are universal to Engineering Sciences (ES) may be included. Specially Mechatronics, Robotics, Basic Civil Engineering and Control Systems subjects were suggested under Engineering Sciences (ES).
  - Committee suggested that a group of subjects are to be included in various tracks as Program Electives.

External members:

S.NO	NAME	Designation & Address	BOS Position	Signature
1	Prof. K.V. Ramana	Professor of CSE Department, UCEK, JNTUK	JNTU Nominee	
2	Prof. Atul Negi	Professor, University of Hyderabad	Subject Expert	
3	Dr. G. Varaprasad	Associate Professor, BMS College of Engineering, Bangalore.	Subject Expert	<del>Not Present</del>
4	Mr. T. Aravinda Reddy	Sr. Technical Lead, Telit Communications India Pvt. Ltd, Bangalore	Industry Expert	
5	Ms. K. Hemanthi	Department of IT, LBRCE, Mylavaram.	Alumni of Dept. of IT, LBRCE	
6	Sir. M. Srinu	Velvadam (PO) Mylavaram MD Krishna DT	Parent of Himaja	

Internal members:

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor, Dept. of IT, LBRCE, Mylavaram	
2	Dr. B. Rama Devi	Associate Professor, Dept. of IT, LBRCE, Mylavaram	
3	Mrs. K. Lavanya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	
4	Mrs. K. Anupriya	Sr. Assistant Professor, Dept. of IT, LBRCE, Mylavaram	

  
Chairman, BOS



**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  
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015  
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931  
Extn:109

**DEPARTMENT OF INFORMATION TECHNOLOGY**

Date: 05-12-2019

**Circular**

The Board of Studies (BOS) meeting is schedule on 07/12/2019 @ 10.00 AM. The committee members are requested to make it convenient to attend the meeting without fail.

Venue: I.T HOD ROOM

**Agenda:**

- Finalization of course structure for B. Tech Program under R 20 regulations
- Detailed discussion on course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs)
- Discussion and approval of Open Electives
- Discussion on UG Degree with additional Minor Engineering (20 credits through MOOCs-as per AICTE Model curriculum)

*B.R. Reddy*  
7/12/2019  
Chairman, BOS

**Copy to:**

**External members:**

S.NO	NAME	Designation & Address	BOS Position	Signature
1	Dr.K.V.Ramana	Professor Department of Computer Science & Engineering University College of Engineering JNTUK Kakinada.	JNTU Nominee	<i>[Signature]</i>
2	Dr. G. Varaprasad	Professor BMS College of Engineering, Bangalore.	Subject Expert	<i>[Signature]</i> 7/12/19
3	Dr.Atul Negi	Professor School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad, India.	Subject Expert	— NOT Present —
4	Mr. T. Aravinda Reddy	Sr. Technical Lead Gainspan Systems India Pvt. Ltd, Bangalore	Subject Expert	— NOT Present —
5	Ms.K. Hemanthi	Department of IT, LBRCE, Mylavaram.	Alumni of Dept. of IT, LBRCE	<i>[Signature]</i>

**Internal members:**

S.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. S. Naganjaneyulu	Professor Dept. of IT, LBRCE, Mylavaram	<i>[Signature]</i>
2	Dr. B. Rama Devi	Associate Professor Dept. of IT, LBRCE, Mylavaram	<i>[Signature]</i> 7/12/19
3	Mrs. K. Lavanya	Sr. Assistant Professor Dept. of IT, LBRCE, Mylavaram	<i>[Signature]</i> 7/12/19
4	Dr. K. Anupriya	Associate Professor Dept. of IT, LBRCE, Mylavaram	<i>[Signature]</i> 7/12/19



**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  
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015  
<http://www.lbrce.ac.in>, Phone: 08659 – 222933, Fax: 08659 – 222931 Extn:109

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**Date: 07-12-2019**

**Minutes of Board of Studies (BOS) Meeting**

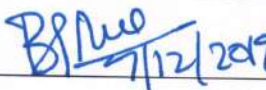
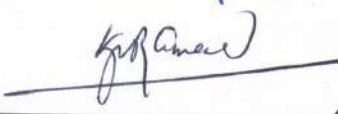
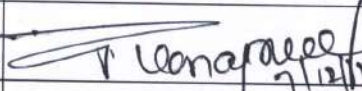
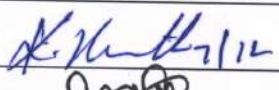
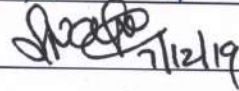
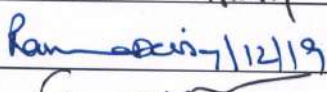
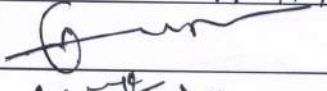

- Dr.G.Varaprasad suggested to add at least one integrated course per semester. They already introduced 2 integrated courses per semester, total of 16 integrated courses in their college.
- Suggested syllabus for all courses in line with gate syllabus.
- Suggested to cover complete syllabus from single text book (latest version).
- Recommended to prepare R programs lab course in line with mathematics syllabus.
- Dr.K.V Ramana suggested to swap Java and Python courses.
- Dr.K.V Ramana suggested to swap the OS and CA courses in course structure.
- Dr.K.V Ramana, recommended to add courses SPM (Software Project Management) and STM (Software Testing Methodologies) in the course structure. Along with the three track suggested to add the fourth track consists of following subjects.  
DP(Design Pattern) --> SPM(Software Project Management)--> STM (Software Testing Methodologies)-->OOSE(Object Oriented Software Engineering)-->Testing Tools
- Change the order of the lab courses for all the semesters by giving more priority to the lab courses.
- Attendance cannot be mapped to any Course Outcome, so avoid giving marks to the attendance. Instead of attendance 5M can be given to seminar, mini-project of their respective subject.
- Referred "Rema Thareja programming in C" as a textbook for problem solving using 'C'
- In DLD (Digital Logic Design) Dr.K.V Ramana suggested to replace the Unit-V with Micro Processor introduction. Also suggested to remove the following concepts PLA, Shift Register, Memory Unit, Ring Counter, Johnson Counter from the DLD course.
- For a Python Programming course Dr.K.V Ramana suggested the textbook "Python Programming A Modern Approach, Pearson Publication by Vamsi Kurama" as a textbook for the Python Programming subject.
- Suggested to split the computer network syllabus into two courses.
- Recommended to swap compiler design and machine learning in course structure.
- Suggested to Introduce cluster elective in R20.
- Dr.G.Varaprasad suggested to allow the students to do Internship in any semester but the evaluation must be done at the end of the VIII Semester.
- In IT Workshop, recommended to add contents related IOT Sensors, and Computer Structure.
- Discussion on minor degree certification and suggested to allow students to do with two conditions
  - a) Without Backlogs
  - b) CGPA > 7.0
- Suggested to prepare Assessment Tools for R20 Regulation.
- Suggested Postgre SQL Database as one PE Course instead of NoSQL.



**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  
Accredited By NAAC, Accredited By NBA Tier-I & Certified by ISO 9001:2015  
<http://www.lbrce.ac.in>, Phone: 08659 - 222933, Fax: 08659 - 222931 Extn:109  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

Signature(s) of BOS Members:

S.No	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr.B.Srinivasa Rao	 7/12/2019
2	University Nominee	Dr.K.V.Ramana,	
3	Subject Expert (Academic)	Dr. G. Varaprasad	 7/12/19
4	Subject Expert (Academic)	Dr. Atul Negi	— NOT Present —
5	Subject Expert (Industry)	Mr. T. Aravinda Reddy	— Not Present —
6	Alumni	Ms.K. Hemanthi	 7/12/19
7	Internal faculty	Dr. S. Naganjaneyulu	 7/12/19
8	Internal faculty	Dr. B. Rama Devi	 7/12/19
9	Internal faculty	Dr. K. Anupriya	
10	Internal faculty	Mrs. K. Lavanya	 7/12/19

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

**DEPARTMENT OF MECHANICAL ENGINEERING  
BOS MEETING MINUTES**

A.Y: 2015-16  
Date: 07-05-2016

Dt: 07-05-2016.

The BOS meeting is scheduled ~~and held~~ on 07-05-2016 for **UG Programme (B.Tech):**

**LIST OF BOS MEMBERS**

Dr.K.Appa Rao                      Professor & HOD                      Chairman, BOS

**I. JNTUK Nominee:**

Dr.V.Pandu Ranga                      Asst.Professor                      Member  
IIT Bhuvaneswar

**II. Members Present:**

1. Dr.A.Venu Gopal                      Professor                      Member  
Department of Mechanical Engineering  
NIT, Warangal
2. Dr.G.Ranga Janardhana                      Professor                      Member  
Department of Mechanical Engineering  
JNUTUK, Kakinada
3. Dr.A.V.S.S.K.S.Gupta                      Professor                      Member  
Department of Mechanical Engineering  
JNUTUH, Hyderabad

**III. Internal Members:**

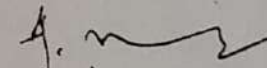
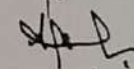
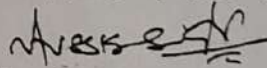
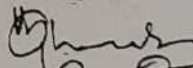
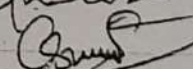
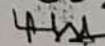
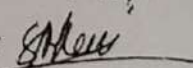
1. Prof.P.Bhupal Reddy                      Professor                      Member
2. Dr.P.Vijay Kumar                      Professor                      Member
3. Dr.P.V.Chandra Sekhar Rao                      Professor                      Member
4. Dr.S.Pichi Reddy                      Professor                      Member


**AGENDA:**

1. Vision, Mission and PEOs of the Department
2. Programme Outcomes(POs)
3. Programme Specific Outcomes (PSOs)
4. R-11 Course Outcomes
5. R-14 Modified Course Outcomes
6. CO evaluation process and attainment
7. POs & PSOs evaluation process and attainment
8. Structure and components of the curriculum
9. Panel of examiners for evaluation
10. Identification of equivalent subjects for readmitted students
11. Quality of the project works
12. MOOCs Courses
13. Various Committees in the departments
14. M.Tech COs approval
15. Any other matter with permission of chair

**Members Present:**

1. Dr.K.Appa Rao
2. Dr.A.Vengu Gopal
3. Dr.G.Ranga Janardhana
4. Dr.A.V.S.S.K.S Gutpa
5. Prof.P.Bhupal Reddy
6. Dr.P.Vijay Kumar
7. Dr.P.V.Chandra Sekhar Rao
8. Dr.S.Pichi Reddy

Chairman   
Member -   
Member - Not Attended  
Member   
Member   
Member   
Member   
Member 

  
CHAIRMAN, BOS

HEAD  
Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM - 521 230, Krishna Dt. A.P.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
Accredited by NBA, NAAC with A grade New Delhi & certified by ISO 9001:2008  
<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

Minutes of BOS meeting in Mechanical Engineering held on 07-05-2016 at 10.00 AM in the HOD chamber:

Members present:

S.No	Name	Designation
1	Dr.K.Appa Rao	Professor & Chairman, BOS, LBRCE
2	Dr.A.Venu Gopal	Professor & Member, NIT Warangal
3	Dr. G. Ranga Janardhana	Professor & Member, JNTUK, Kakinada
4	Dr.A.V.S.S.K.S.Gupta	Professor & Member, JNTUH, Hyderabad
5	Prof.P.Bhupal Reddy	Professor & Member, LBRCE
6	Dr.P.Vijay Kumar	Professor & Member, LBRCE
7	Dr.P.V.Chandra Sekhar Rao	Professor & Member, LBRCE
8	Dr.S.Pichi Reddy	Professor & Member, LBRCE

- Dr. K. Appa Rao, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

#### Agenda

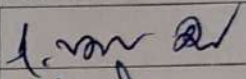
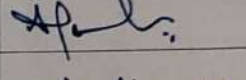
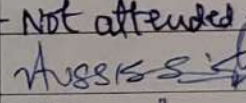
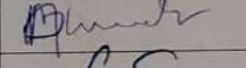
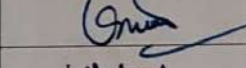
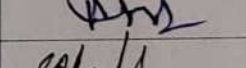
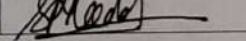
S. No	Item of Agenda	Decision of BOS
1	Vision , Mission and PEOs, Mapping of DV with PEO -Annexure I	Modified and approved
2	Programme Outcomes(POs)-Annexure II	accepted
3	Programme Specific Outcomes (PSOs) - Annexure III	Modified and approved
4	R-11 Course Outcomes - Annexure IV	Approved
5	R-14 Modified Course Outcomes- Annexure V	Modified and approved
6	CO evaluation process and attainment- Annexure VI	1. It is suggested that CO attainment be evaluated based on weighted average of all students. 2. It is also suggested that the question pattern for R 14 regulations be of either or type (internal choice for each question)
7	Mapping of PEOs with POs & PSOs evaluation process and attainment - Annexure VI	Approved
8	Structure and components of the curriculum - Annexure VII	Approved and however it is suggested to increase the programme electives to six (06) from existing four (04).
9	Panel of examiners for evaluation - Annexure VIII	Accepted
10	Identification of equivalent subjects for readmitted students- Annexure IX	Approved
11	Quality of the project works- Annexure X	Approved
12	MOOCs Courses - Annexure XI	Approved and it is suggested that to offer other subjects also under MOOCs category

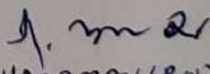


13	Various Committees in the departments - Annexure XII	Approved
14	M.Tech COs - Annexure XIII	Approved
15	Any other matter with permission of chair - Annexure XV	
	a) Conduct of Spot valuations at LBRCE	Approved
	b) The quality of question papers.	The quality of question paper as finalised by the module coordinator committee for each subject is approved.

- The chairman, BOS thanked all the members for their active participation, construction suggestions and encouragement.

Signatures of BOS members

1	Dr.K.Appa Rao	
2	Dr.A.Venu Gopal	
3	Dr. G. Ranga Janardhana	- Not attended -
4	Dr.A.V.S.S.K.S.Gupta	
5	Prof.P.Bhupal Reddy	
6	Dr.P.Vijay Kumar	
7	Dr.P.V.Chandra Sekhar Rao	
8	Dr.S.Pichi Reddy	

  
CHAIRMAN (BOS)

HEAD  
Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM - 521 230, Krishna Dt, A.P.

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

## DEPARTMENT OF MECHANICAL ENGINEERING BOS MEETING MINUTES

A.Y: 2016-17

Date: 04-03-2017

Dt: 04-03-2017.

The BOS meeting is scheduled on 04-03-2017 for **UG Programme (B.Tech):**

### LIST OF BOS MEMBERS

Dr.K.Appa Rao                      Professor & HOD                      Chairman, BOS

#### I. University Nominee:

Dr.A.Venu Gopal                      Professor                      Member  
NITW, Warangal

#### II. External Members:

1. Dr.A.V.S.S.K.S.Gupta                      Professor                      Member  
Department of Mechanical Engineering  
JNUTUH, Hyderabad
2. R.Yogananda Reddy                      Scientist                      Member  
RCI, DRDO, MOD, GOI

#### III. Internal Members:

1. Prof.P.Bhupal Reddy                      Professor                      Member
2. Dr.P.Vijay Kumar                      Professor                      Member
3. Dr.P.V.Chandra Sekhar Rao                      Professor                      Member
4. Dr.S.Pichi Reddy                      Professor                      Member
5. Dr.P.Ravindr Kumar                      Professor                      Member
6. Dr.K.Dilip Kumar                      Assoc.Professor                      Member

**AGENDA:**

1. Course Structure for B.Tech (R-17 – Choice Based Credit System)
2. CEOs, COs and Syllabi for I to IV semester courses
3. R 17 Regulations (Choice Based Credit System)
4. List of external examiners for evaluation
5. Any other matter with the permission of chair

**Members Present:**

1. Dr.A.Vengu Gopal
2. Dr.A.V.S.S.K.S Gutpa
3. R.Yogananda Reddy
4. Prof.P.Bhupal Reddy
5. Dr.P.Vijay Kumar
6. Dr.P.V.Chandra Sekhar Rao
7. Dr.S.Pichi Reddy
8. Dr.P.Ravindra Kumar
9. Dr.K.Dilip Kumar

- Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*  
Member — *[Signature]*

*[Signature]*  
Dr.K.Appa Rao

**CHAIRMAN, BOS**

HEAD  
Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENG  
MYLAVARAM - 521 230, Krishna Dt, A.I



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
L.B.Reddy Nagar, Mylavaram – 521 230. Andhra Pradesh, INDIA  
**Department of Mechanical Engineering**

**Minutes of BOS Meeting held on 04-03-2017**

Minutes of BOS meeting in Mechanical Engineering held on 04-03-2017 at 09.30 AM in the HOD chamber:

Members present:

S.No	Name	Designation
1	Dr.K.Appa Rao	Professor & Chairman, BOS, LBRCE
2	Dr.A.Venu Gopal	Professor, NIT Warangal
3	Dr.A.V.S.S.K.S.Gupta	Professor, JNTUH, Hyderabad
4	R.Yogananda Reddy	Scientist E, DRDO
5	Prof.P.Bhupal Reddy	Professor, LBRCE
6	Dr.P.Vijay Kumar	Professor, LBRCE
7	Dr.P.V.Chandra Sekhar Rao	Professor, LBRCE
8	Dr.S.Pichi Reddy	Professor, LBRCE
9	Dr.P.Ravindra Kumar	Professor, LBRCE
10	Dr.K.Dilip Kumar	Assoc. Professor, LBRCE

➤ Dr. K. Appa Rao, Chairman, Board of Studies welcomed the members to the meeting and presented the agenda for discussion.

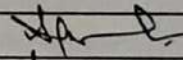
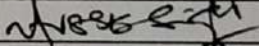
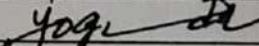
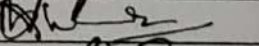
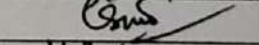
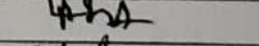
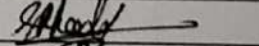
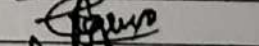
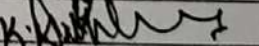
**Agenda**

S. No	Item of Agenda	Decision of BOS
1	Course Structure for B.Tech (R-17 – Choice Based Credit System)	<ol style="list-style-type: none"><li>1. It is proposed to rename the Elemental Mechanical Engineering lab to Engineering Mechanics &amp; Fuels lab.</li><li>2. Metallurgy lab to be renamed as Metallurgy &amp; Materials Science lab.</li><li>3. It is recommended to drop MC2. (Problem assisted learning)</li></ol>
2	CEOs, COs and Syllabi for I to IV semester courses	<ol style="list-style-type: none"><li>1. It is suggested to modify the CEO's and limit them to a maximum of three.</li><li>2. CO's are verified and suggested to modify in such a way that they are measurable, manageable and attainable.</li><li>3. Syllabus for the I to IV semesters have been approved.</li></ol>

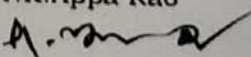
3	R 17 Regulations (Choice Based Credit System)	Regulations are approved with comments include there in: 1. Item No:21.7 may be modified in conjunction with the maximum duration of the programme. 2. Add on courses be chosen in lieu of electives only.
4	List of external examiners for evaluation	Approved
5	Any other matter with permission of chair	List of open electives are approved

- The chairman, BOS thanked all the members for their active participation, construction suggestions and encouragement.

**Signatures of BOS members:**

1	Dr.A.Venu Gopal	
2	Dr.A.V.S.S.K.S.Gupta	
3	R.Yogananda Reddy	
4	Prof.P.Bhupal Reddy	
5	Dr.P.Vijay Kumar	
6	Dr.P.V.Chandra Sekhar Rao	
7	Dr.S.Pichi Reddy	
8	Dr.P.Ravindra Kumar	
9	Dr.K.Dilip Kumar	

Dr.K.Appa Rao

  
Chairman, BOS

**HEAD**

Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM - 521 230, Krishna Dt, A.P.

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

**DEPARTMENT OF MECHANICAL ENGINEERING  
BOS MEETING MINUTES**

No. of faculty attended for this meeting: 15

A.Y: 2017-18  
Date: 03-02-2018

Dt: 03-02-2018.

The BOS meeting is scheduled on 03-02-2018 at 10.00 am in Room No: 3G08 for **UG Programme (B.Tech):**

**LIST OF BOS MEMBERS**

Dr.S.Pichi Reddy                      Professor & HOD                      Chairman

**I. JNTUK Nominee:**

Dr.A.Venu Gopal                      Professor                      Member  
Department of Mechanical Engineering  
NIT, Warangal

**II. External Members:**

Dr.A.V.S.S.K.S.Gupta                      Professor                      Member  
Department of Mechanical Engineering  
JNUTUH, Hyderabad

R.Yogananda Reddy                      Scientist E,                      Member  
RCI, DRDO, MOD, GOI, Hyderabad

**III. Internal Members:**

1. Dr.P.V.Chandra Sekhar Rao                      Professor                      Member
2. Dr.P.Vijay Kumar                      Professor                      Member
3. Dr.P.Ravindr Kumar                      Professor                      Member
4. Dr. Y.Appala Naidu                      Professor                      Member
5. Dr.K.Dilip Kumar                      Assoc.Prof.                      Member
6. Dr. Pullarao Muvvala                      Assoc.Prof.                      Member
7. Dr.Murahari Kolli                      Assoc.Prof.                      Member
8. S.Srinivas Reddy                      Assoc.Prof.                      Member
9. J.Subba Reddy                      Assoc.Prof.                      Member
10. B.Chaitanya                      Assoc.Prof.                      Member
11. V.Dhana Raju                      Sr.Asst.Prof.                      Member



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

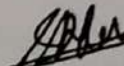
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
NBA & NAAC Accredited with "A" grade, Certified by ISO 9001:2015, <http://www.lbrce.ac.in>  
**DEPARTMENT OF MECHANICAL ENGINEERING**

03-02-2018

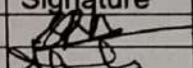
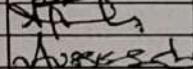
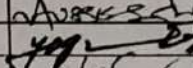
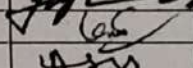
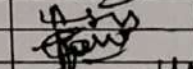
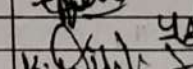
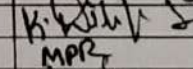
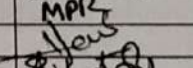
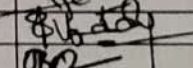
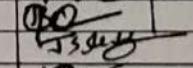
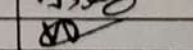
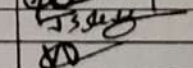
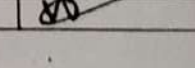

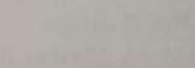
The BOS meeting is scheduled on 03-02-2018 at 10.00am in Committee Room (3G08) for UG Programme (B.Tech)

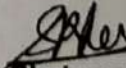
**AGENDA:**

1. Syllabi for V to VIII Semester courses of R17 Regulations.
2. CEO's, CO's, CO-PO mapping
2. Substitute subjects for readmitted students.
3. Discussion on AICTE model curriculum.

  
Dr.S.Pichi Reddy  
HoD-Chairman, BOS

**Members Present**

S.No	Name of the Faculty	Signature
1	Dr.S.Pichi Reddy	
2	Dr.A.Venu Gopal	
3	Dr.A.V.S.S.K.S. Gupta	
4	R.Yogananda Reddy	
5	Dr.P.Vijay Kumar	
6	Dr.P.V.Chandra Sekhar Rao	
7	Dr.P.Ravindra Kumar	
8	Dr.Y.Appala Naidu	
9	Dr.K.Dilip Kumar	
10	Dr.M. Pulla Rao	
11	Dr.K.Murahari	
12	S.Srinivasa Reddy	
13	B.Chaitanya	
14	J.Subba Reddy	
15	V.Dhana Raju	

  
Chairman, BOS

HEAD  
Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM - 521 230, Krishna Dt, A.P.



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
Accredited by NBA, NAAC with A grade New Delhi & certified by ISO 9001:2008  
<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

Minutes of BOS meeting in Mechanical Engineering held on 03-02-2018 at 10.00 AM

Venue: 3G08

Members present:

S.No	Name	Designation
1	Dr.S.Pichi Reddy	Professor & Chairman, BOS, LBRCE
2	Dr.A.Venu Gopal	Professor & Member, NIT Warangal
3	Dr.A.V.S.S.K.S.Gupta	Professor & Member, JNTUH, Hyderabad
4	R.Yogananda Reddy	Scientist E, RCI, DRDO, MOD, GOI Member,
5	Dr.P.V.Chandra Sekhar Rao	Professor & Member, LBRCE
6	Dr.P.Vijay Kumar	Professor & Member, LBRCE
7	Dr.P.Ravindra Kumar	Professor & Member, LBRCE
8	Dr. Y.Appala Naidu	Professor & Member, LBRCE
9	Dr.K.Dilip Kumar	Assoc. Prof & Member, LBRCE
10	Dr. Pullarao Muvvala	Assoc. Prof & Member, LBRCE
11	Dr.Murahari Kolli	Assoc. Prof & Member, LBRCE
12	S.Srinivas Reddy	Assoc. Prof & Member, LBRCE
13	J.Subba Reddy	Assoc. Prof & Member, LBRCE
14	B.Chaitanya	Assoc. Prof & Member, LBRCE
15	V.Dhana Raju	Sr. Asst. Prof & Member, LBRCE & Member, LBRCE

- Dr. S.Pichi Reddy, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

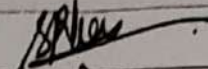
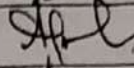
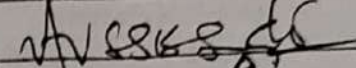
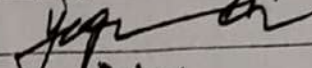
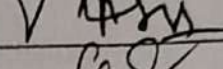
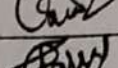

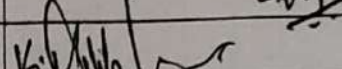
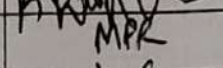
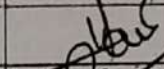

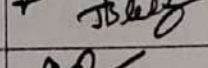
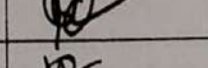
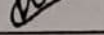

#### Agenda

S. No	Item of Agenda	Decision of BOS
1	Syllabi for V to VIII semester courses of R-17 Regulations	Approved with some suggestions on Syllabi preparation
2	CEOs, COs, CO-PO mapping of the courses	Approved with some suggestions on COs, CO-PO mapping.
3	Substitute subjects for readmitted students	Accepted
4	Discussion on AICTE Model curriculum	Suggested to implement about 45 %

- The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.



Signatures of BOS members

	BOS Members	Signatures
1	Dr.S.Pichi Reddy	
2	Dr.A.Venu Gopal	
3	Dr.A.V.S.S.K.S.Gupta	
4	R.Yogananda Reddy	
5	Dr.P.V.Chandra Sekhar Rao	
6	Dr.P.Vijay Kumar	
7	Dr.P.Ravindr Kumar	
8	Dr. Y.Appala Naidu	
9	Dr.K.Dilip Kumar	
10	Dr. Pullarao Muvvala	
11	Dr.Murahari Kolli	
12	S.Srinivas Reddy	
13	J.Subba Reddy	
14	B.Chaitanya	
15	V.Dhana Raju	

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

## DEPARTMENT OF MECHANICAL ENGINEERING BOS MEETING MINUTES

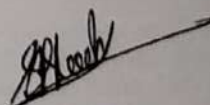
A.Y: 2017-18  
Date: 09-06-2018

Date: 08-06-2018

The BOS meeting in Mechanical Engineering is scheduled on 09-06-2018 at 10.00 AM in Committee room (3G08) for UG programme (B.Tech)

### Agenda Points for BOS meeting

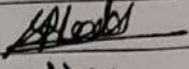
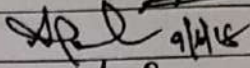
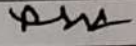
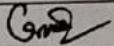
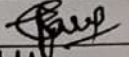
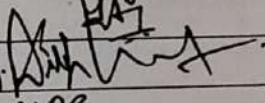
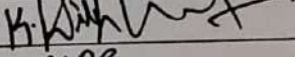
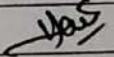
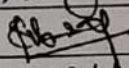
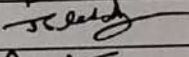
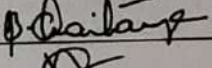

- (1) Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.
- (2) Discussion on AICTE model curriculum to implement forthcoming R19 regulations
  - To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.
  - To identify 6 Program Elective Courses with a total number of credits around 18.
- (3) Refinement of Course Outcomes (COs) of regulation R-17 for V, VI, VII and VIII semesters if any
- (4) Approval of list of examiners for the A.Y. 2018-19.
- (5) Discussion on Calendar of events for the A.Y. 2018-19.
- (6) Discussion on Research activities.
- (7) To suggest methodologies in innovative teaching and evaluation techniques.
- (8) Discussion on Faculty Self-Appraisal Form for the A.Y. 2018-19.
- (9) R-17 Regulation CO-PO Mapping for Core subjects
- (10) POs & PSOs weightages and evaluation process for R17 Regulation
- (11) CO attainment process for R17 Regulation
- (12) Target fixation for Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for Batch (2014 -18)
- (13) MOOCS Courses and Suggestions for improvement on Project works
- (14) PEO rubrics , scoring function and attainments of Batch:(2011-15)
- (15) Any other matter

  
Dr.S.Pichi Reddy

HOD-Chairman, BOS

HEAD  
Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM-521 230., KRISHNA DT, A.P.

Signatures of BOS members

	BOS Members	Signatures
1	Dr.S.Pichi Reddy	
2	Dr.A.Venu Gopal	
3	Dr.A.V.S.S.K.S.Gupta	Not Present
4	R.Yogananda Reddy	Not Present
5	Dr.P.V.Chandra Sekhar Rao	
6	Dr.P.Vijay Kumar	
7	Dr.P.Ravindr Kumar	
8	Dr. Y.Appala Naidu	
9	Dr.K.Dilip Kumar	
10	Dr. Pullarao Muvvala	MPR
11	Dr.Murahari Kolli	
12	S.Srinivas Reddy	
13	J.Subba Reddy	
14	B.Chaitanya	
15	V.Dhana Raju	



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

Accredited by NBA, NAAC with A grade New Delhi & certified by ISO 9001:2015

<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

Minutes of BOS meeting in Mechanical Engineering held on 09-06-2018 at 10.00 AM

Venue: 3G08

Members present:

S.No	Name	Designation
1	Dr.S.Pichi Reddy	Professor & Chairman, BOS, LBRCE
2	Dr.A.Venu Gopal	Professor & Member, NIT Warangal
3	Dr.A.V.S.S.K.S.Gupta	Professor & Member, JNTUH, Hyderabad
4	R.Yogananda Reddy	Scientist E, RCI, DRDO, MOD, GOI, Member
5	Dr.P.V.Chandra Sekhar Rao	Professor & Member, LBRCE
6	Dr.P.Vijay Kumar	Professor & Member, LBRCE
7	Dr.P.Ravindra Kumar	Professor & Member, LBRCE
8	Dr. Y.Appala Naidu	Professor & Member, LBRCE
9	Dr.K.Dilip Kumar	Assoc. Prof & Member, LBRCE
10	Dr. Pullarao Muvvala	Assoc. Prof & Member, LBRCE
11	Dr.Murahari Kolli	Assoc. Prof & Member, LBRCE
12	S.Srinivas Reddy	Assoc. Prof & Member, LBRCE
13	J.Subba Reddy	Assoc. Prof & Member, LBRCE
14	B.Chaitanya	Assoc. Prof & Member, LBRCE
15	V.Dhana Raju	Sr. Asst. Prof & Member, LBRCE & Member, LBRCE

- Dr. S.Pichi Reddy, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

#### Agenda

S. No	Item of Agenda	Decision of BOS
1	Equivalent/Substitute courses for readmitted students into, R11-R14 and R14 to R17 regulations.	The Courses from III to VIII sem in R17 were not present in I and II Sem of R14. Hence the equivalent courses for readmitted students will not arise and they may be allowed to study with R17 regulations from III Sem onwards. As the number of credits earned by these students in R14 were 46 against 44 in R17. Hence the total number of credits required for the award of the degree for these readmitted students may be 178 against 176 as per R17.
2	Discussion on AICTE model curriculum to implement forthcoming R19 regulations	The AICTE Model Curriculum may be implemented with total credits being 160. However the program core and open

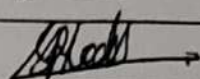
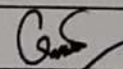
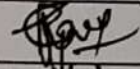
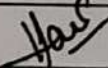
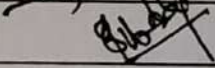

	To identify Program Core Courses (Both Theory and Lab) with a total number of credits around 49.	elective courses put together has to be adjusted appropriately with proper exercise.
	To identify 6 Program Elective Courses with a total number of credits around 18.	
3	Refinement of Course Outcomes (COs) of regulation R-17 for V, VI, VII and VIII semesters if any	Approved
4	Approval of list of examiners for the A.Y. 2018-19.	Approved
5	Discussion on Calendar of events for the A.Y. 2018-19.	Approved
6	Discussion on Research activities.	B.Tech projects may be given in line with the research activities of the department.
7	To suggest methodologies in innovative teaching and evaluation techniques.	ICT tools can be initiated in the teaching delivery methods.
8	R-17 Regulation CO-PO Mapping for Core subjects	Approved
9	POs & PSOs weightages evaluation process for R17 Regulation	Approved
10	CO and PO attainment process for R17 Regulation	Approved
11	Target fixation for Programme Outcomes (POs) and Programme Specific Outcomes (PSOs) for Batch (2014 -18)	Deferred for next BOS meeting
12	MOOCS Courses and Suggestions for improvement of Project works	Deferred for next BOS meeting as it requires thorough discussion on credits and its due weightage in award of degree.
13	Any other matter	--

➤ The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

AP D  
9/6/18  
yogendra

HEAD  
Dept. of Mechanical Engineering  
AKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM-521 230., KRISHNA DT, A.P.

Signatures of BOS members

	BOS Members	Signatures
1	Dr.S.Pichi Reddy	
2	Dr.A.Venu Gopal	 9/6/18
3	Dr.A.V.S.S.K.S.Gupta	- Not Present -
4	R.Yogananda Reddy	- Not Present -
5	Dr.P.V.Chandra Sekhar Rao	
6	Dr.P.Vijay Kumar	
7	Dr.P.Ravindr Kumar	
8	Dr. Y.Appala Naidu	
9	Dr.K.Dilip Kumar	
10	Dr. Pullarao Muvvala	 MPR
11	Dr.Murahari Kolli	
12	S.Srinivas Reddy	
13	J.Subba Reddy	
14	B.Chaitanya	
15	V.Dhana Raju	

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

**DEPARTMENT OF MECHANICAL ENGINEERING  
BOS MEETING MINUTES**

No. of faculty attended for this meeting: 16

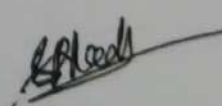
A.Y: 2018-19  
Date: 04-01-2019

**Circular:**

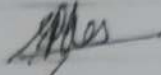
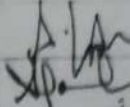
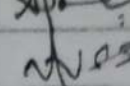
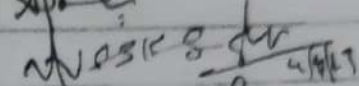
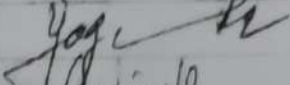
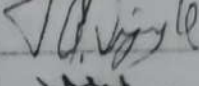
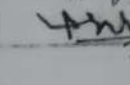
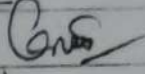
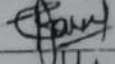
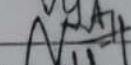
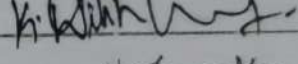
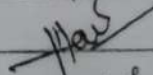
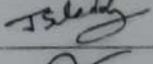
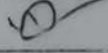
**Date: 03-01-2019**

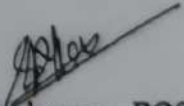
The BOS meeting in Mechanical Engineering is scheduled on 04-01-2019 at 09.00 AM in Committee room (3G09).

1. Approval of attainments ( COs, POs and PSOs ) – R14 Batch and 2017-18.
2. Target fixation for POs and PSOs for 2015-19 batch
3. Refinement of COs – R17 regulations and mapping justification
4. Discussion on New Circulum and courses to be implemented in R20 Regulations(UG).
5. Discussion on New Circulum and courses to be implemented in R20 Regulations(PG).
6. Suggestions on implementation of innovative teaching methodologies and evalauation.
7. Appointement of examiners.
8. Inputs on research and academic activities.
9. Stakeholders feedback –approval
10. Rubrics for Main Project, Mini Project, Technical Seminar, PAL, PBL and Comprehensive Viva Voce
11. Quality Assessment Parameters for Question Papers

  
Dr.S.Pichi Reddy  
HOD-Chairman, BOS

**Members present:**

S.No.	BOS Members	Signatures
1	Dr S. Pichi Reddy	
2	Dr.A.Gopala Krishna	
3	Dr.A.Venu Gopal	
4	Dr A.V.S.S.K.S.Gupta	
5	R.Yogananda Reddy	
6	Er G. Vijay Kumar	
7	Dr.P.V.Chandra Sekhar Rao	
8	Dr.P.Vijay Kumar	
9	Dr.P.Ravindra Kumar	
10	Dr. Y.Appala Naidu	
11	Dr.K.Dilip Kumar	
12	Dr. Pullarao Muvvala	- Not attended -
13	Dr.Murahari Kolli	
14	S.Srinivas Reddy	- Not attended -
15	J.Subba Reddy	
16	Dr.V.Dhana Raju	

  
Chairman, BOS





## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
Accredited by NBA, NAAC with A grade New Delhi & certified by ISO 9001:2015  
<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

Minutes of BOS meeting in Mechanical Engineering held on 04-01-2019 at 09.00 AM

Venue: JGOS

Members Present:

S.No	Name	Designation
1	Dr.S.Pichi Reddy	Professor & Chairman, BOS, LBRCE
2	Dr.A.Gopala Krishna	Professor & University Nominee, JNTU, Kakinada
3	Dr.A.Venu Gopal	Professor & Member, NIT Warangal
4	Dr.A.V.S.S.K.S.Gupta	Professor & Member, JNTUH, Hyderabad
5	R.Yogananda Reddy	Scientist E, RCI, DRDO, MOD, GOI, Member
6	Er.G.Vijay Kumar	CEO, Future NDT & Member
7	Dr.P.V.Chandra Sekhar Rao	Professor & Member, LBRCE
8	Dr.P.Vijay Kumar	Professor & Member, LBRCE
9	Dr.P.Ravindra Kumar	Professor & Member, LBRCE
10	Dr.Y.Appala Naidu	Professor & Member, LBRCE
11	Dr.K.Dilip Kumar	Professor & Member, LBRCE
12	Dr.Pullarao Muvvala	Assoc. Prof & Member, LBRCE
13	Dr.Murahari Kolli	Assoc. Prof & Member, LBRCE
14	S.Srinivas Reddy	Assoc. Prof & Member, LBRCE
15	J.Subba Reddy	Assoc. Prof & Member, LBRCE
16	Dr.V.Dhana Raju	Assoc. Prof & Member, LBRCE

- Dr. S.Pichi Reddy, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

#### Agenda


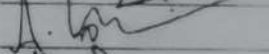
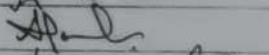
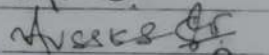

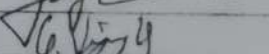
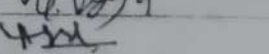

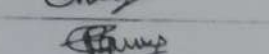
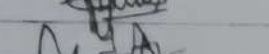

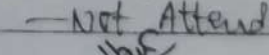
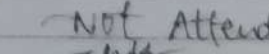

S. No	Item of Agenda	Decision of BOS
1	Approval of attainments ( COs, POs and PSOs ) – Regulation R14 Batch (2014-18) and 2017-18.	1. Approved with suggestions. 2. Strongly suggested to verify the calculation procedure of CO attainment.
2	Target fixation of POs and PSOs for Batch : 2015-19	Targets are to be refined by considering the maximum of two previous batch attainment levels with addition of 5 %.

3	Refinement of COs – R17 regulations mapping and justification.	Weightages (1,2, and 3 ) are to be considered while evaluating the attainment of COs
4	Discussion on New Circulum and courses to be implemented in R20 Regulations(UG and PG).	<ol style="list-style-type: none"> <li>1. Number of credits should be maximum of 160.</li> <li>2. Atleast 80% of AICTE Model curriculum has to be incorporated.</li> <li>3. The number of MOOCs/NPTEL/SWAYAM /SWAYAM PRABHA Courses can be increased to fulfil one of the AICTE mandate.</li> <li>4. Three weeks induction program is mandatory (can be split into first two weeks and then one week after first semester).</li> </ol>
5	Suggestions on implementation of innovative teaching methodologies and evalauation.	<ol style="list-style-type: none"> <li>1. FAB Lab may be established to make the students convert their innovative ideas in to prototypes.</li> <li>2. Teaching with working prototypes/Cut model sections is advisable.</li> </ol>
6	Appointement of examiners.	Appointments of examiners are approved.
7	Inputs on research and academic activities.	<ol style="list-style-type: none"> <li>1. Research laboratories are to be established.</li> <li>2. Annual research budget are to be allocated.</li> <li>3. Seed money can be increased to Rs.2 lakhs.</li> </ol>
8	Stakeholders feedback –approval	Feedback from more number of stakeholders is advised.
10	Rubrics for Main Project, Mini Project, Technical Seminar, PAL, PBL and Comprehensive Viva Voce	Rubrics for Main Project, Mini Project, Technical Seminar, PAL, PBL and Comprehensive Viva Voce are approved.

11	Quality Assessment Parameters for Question Papers	<p>1. Three levels of questions are to be identified i.e. easy, moderate and high levels</p> <p>2. Another classification of questions is to be identified based on the following levels knowledge, comprehension and application levels (Bloom's Taxonomy)</p> <p>3. Bloom's Taxonomy level should be considered for three levels</p>
----	---	--

- The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

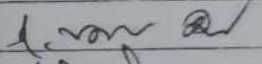
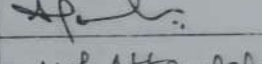
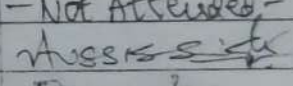
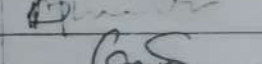
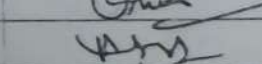
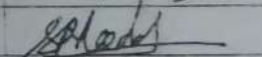

#### Signatures of BOS members

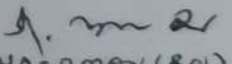
	BOS Members	Signatures
1	Dr.S.Pichi Reddy	
2	Dr. A. Gopala Krishna	
3	Dr.A.Venu Gopal	
4	Dr.A.V.S.S.K.S.Gupta	
5	R.Yogananda Reddy	
6	Er.G.Vijay Kumar	
7	Dr.P.V.Chandra Sekhar Rao	
8	Dr.P.Vijay Kumar	
9	Dr.P.Ravindr Kumar	
10	Dr. Y.Appala Naidu	
11	Dr.K.Dilip Kumar	
12	Dr. Pullarao Muvvala	- Not Attended -
13	Dr.Murahari Kolli	
14	S.Srinivas Reddy	- Not Attended -
15	J.Subba Reddy	
16	Dr.V Dhana Raju	

13	Various Committees in the departments - Annexure XII	Approved
14	M.Tech COs - Annexure XIII	Approved
	Any other matter with permission of chair - Annexure XV	
	a) Conduct of Spot valuations at LBRCE	Approved
15	b) The quality of question papers.	The quality of question paper as finalised by the module coordinator committee for each subject is approved.

- The chairman, BOS thanked all the members for their active participation, construction suggestions and encouragement.

Signatures of BOS members

1	Dr.K.Appa Rao	
2	Dr.A.Venu Gopal	
3	Dr. G. Ranga Janardhana	- Not Attended -
4	Dr.A.V.S.S.K.S.Gupta	
5	Prof.P.Bhupal Reddy	
6	Dr.P.Vijay Kumar	
7	Dr.P.V.Chandra Sekhar Rao	
8	Dr.S.Pichi Reddy	

  
CHAIRMAN (BOS)

HEAD  
Dept.of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG  
MYLAVARAM - 521 230, Krishna Dt. A.P

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

**DEPARTMENT OF MECHANICAL ENGINEERING  
BOS MEETING MINUTES**

No. of faculty attended for the meeting: 18

A.Y: 2018-19  
Date: 21-06-2019

**Circular:**

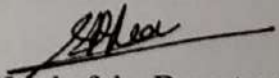
**Date: 20-06-2019**

**The BOS meeting in Mechanical Engineering is scheduled on 21-06-2019 at 10.00 AM**

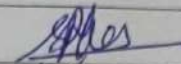
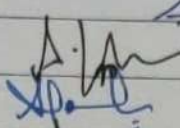
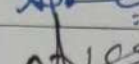
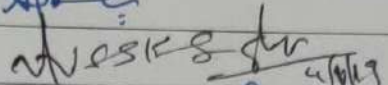
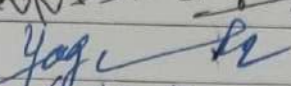
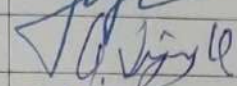
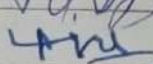
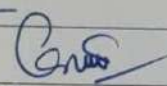
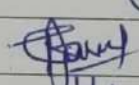
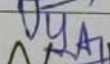
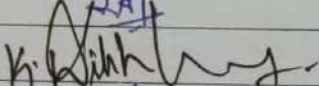
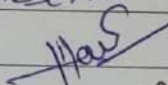
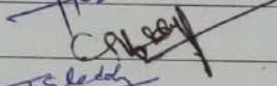
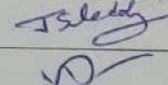
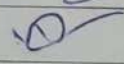
**Venue: 3G08**

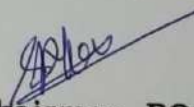
**Agenda for BOS Meeting**

1. Discussion on new curriculum course structure and courses for forthcoming R20 regulations
2. Swapping of Mini Project in V Semester with presentation skills lab and seminar in VI Semester of R17 regulation
3. Discussion on Research activities
4. Approval of list of examiners for the A.Y. 2019-20.
5. Attainment of Course Outcomes (COs) of ODD semester for A.Y:2018-19.
6. Discussion on ICT enabled Teaching and Learning Process
7. Discussion on Faculty Self-Appraisal Form for the A.Y. 2019-20.
8. Discussion on Quality of project works for academic year 2018-19.
9. Any other matter with the permission of chair

  
Head of the Department

**Members present:**

S.No.	BOS Members	Signatures
1	Dr.S.Pichi Reddy	
2	Dr.A.Gopala Krishna	
3	Dr.A.Venu Gopal	
4	Dr.A.V.S.S.K.S.Gupta	
5	R.Yogananda Reddy	
6	Er.G.Vijay Kumar	
7	Dr.P.V.Chandra Sekhar Rao	
8	Dr.P.Vijay Kumar	
9	Dr.P.Ravindra Kumar	
10	Dr. Y.Appala Naidu	
11	Dr.K.Dilip Kumar	
12	Dr. Pullarao Muvvala	Absent
13	Dr.Murahari Kolli	
14	S.Srinivas Reddy	
15	J.Subba Reddy	
16	Dr.V.Dhana Raju	

  
**Chairman, BOS**
**HEAD**
 Dept. of Mechanical Engineering  
 LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
 MYLAVARAM-521 230., KRISHNA DT, A.P.



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
Accredited by NBA,NAAC with B++ grade New Delhi & certified by ISO 9001:2015  
<http://www.lbrce.ac.in>

**Department of Mechanical Engineering**

Minutes of BOS meeting in Mechanical Engineering held on 21-06-2019 at 10.00 AM  
Venue: 3G08

Members present:

S.No	Name	Designation
1	Dr.S.Pichi Reddy	Professor & Chairman, BOS, LBRCE
2	Dr.A.Gopala Krishna	Professor, University Nominee & Member, JNTUK, Kakinada
3	Dr.A.Venu Gopal	Professor & Member, NITW, Warangal.
4	Dr.A.V.S.S.K.S.Gupta	Professor& Member, JNTUH, Hyderabad.
5	R.Yogananda Reddy	Scientist E, RCI, DRDO, MOD, GOI, Hyderabad BOS Member
6	G.Vijay Kumar	Alumni Member Future NDT Training Institute & Consultancy
7	Dr.P.V.ChandraSekhar Rao	Professor& Member, LBRCE
8	Dr.P.Vijay Kumar	Professor& Member, LBRCE
9	Dr.P.Ravindra Kumar	Professor& Member, LBRCE
10	Dr.Y.Appala Naidu	Professor& Member, LBRCE
11	Dr.K.Dilip Kumar	Professor& Member, LBRCE
12	Dr.V.Dhana Raju	Assoc. Prof & Member, LBRCE
13	Dr.MurahariKolli	Assoc. Prof & Member, LBRCE
14	Dr. N. Sunil Naik	Assoc. Prof & Member, LBRCE
15	J.Subba Reddy	Assoc. Prof & Member, LBRCE
16	S.Srinivasa Reddy	Assoc. Prof & Member, LBRCE
17	B.Chaitanya	Assoc. Prof & Member, LBRCE
18	Mr. V. Venkatesu	Asst. Prof & Member, LBRCE

- Dr.S.Pichi Reddy, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

**Agenda**

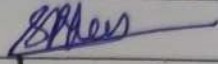
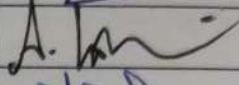
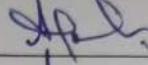
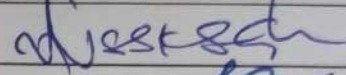

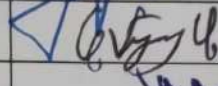
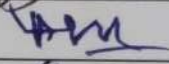
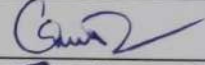

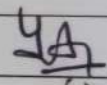
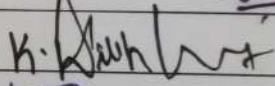

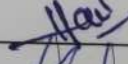
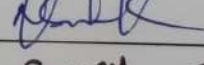
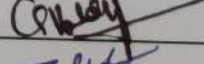
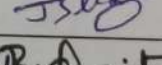
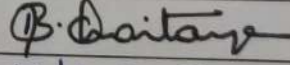
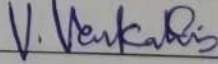
S. No	Item of Agenda	Decision of BOS
1	Discussion on new curriculum course structure and courses for forthcoming R20 regulations	The course structure is approved with suggestions as listed in APPENDIX -I

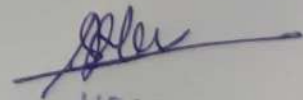
	Suggestions on Inclusion of Program Core Courses (Both Theory and Lab), Program Electives, Open Elective courses for Mechanical Engineering	
2	Swapping of Mini Project in V Semester with presentation skills lab and seminar in VI Semester of R17 regulation	Approved
3	Discussion on Research activities.	Discussed and suggestions were given for improvement.
4	Approval of list of examiners for the A.Y. 2019-20.	Approved
5	Attainment of Course Outcomes (COs) of ODD semester for A.Y:2018-19	The attainment calculation for lab and project works may be re-evaluated as per the NBA guidelines for SEE and CIE.
6	Discussion on ICT enabled Teaching and Learning Process	Discussed and suggestions were given for improvement
7	Discussion on Faculty Self-Appraisal Form for the A.Y. 2019-20.	Approved.
8	Discussion on Quality of project works for academic year 2018-19	Students shall be encouraged to publish their project works in journals/conferences.
9	Any other matter with the permission of chair	NIL

- The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.



### Signatures of BOS members

	BOS Members	Signature
1	Dr.S.Pichi Reddy	
2	Dr.A.Gopala Krishna	
3	Dr.A.Venu Gopal	
4	Dr.A.V.S.S.K.S.Gupta	
5	Mr. R.Yogananda Reddy	
6	Mr. G.Vijay Kumar	
7	Dr.P.V.ChandraSekhar Rao	
8	Dr.P.Vijay Kumar	
9	Dr.P.Ravindr Kumar	
10	Dr. Y.Appala Naidu	
11	Dr.K.Dilip Kumar	
12	Dr. V.Dhana Raju	
13	Dr.MurahariKolli	
14	Dr. N. Sunil Naik	
15	Mr. S.Srinivas Reddy	
16	Mr. J.Subba Reddy	
17	Mr. B.Chaitanya	
18	Mr. V. Venkatesu	



HEAD  
Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM-521 230., KRISHNA DT, A.P.

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)**

Accredited by NAAC & NBA

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram – 521 230, Krishna Dt., AP, India

**DEPARTMENT OF MECHANICAL ENGINEERING  
BOS MEETING MINUTES**

No. of faculty attended for this meeting: 17

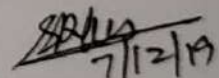
A.Y: 2019-20  
Date: 07-12-2019

**Date: 07-12-2019**

The board of studies meeting is held on 07-12-2019 in the Department of Mechanical Engineering.

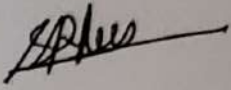
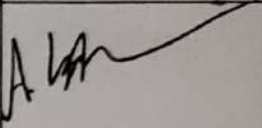
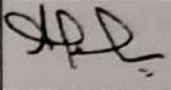
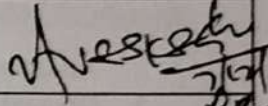
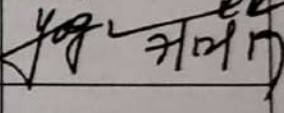
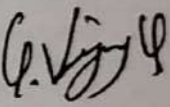
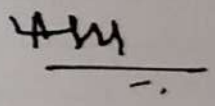
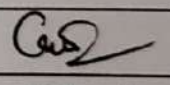
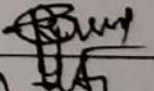
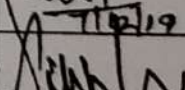
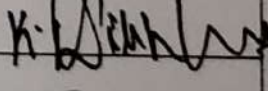
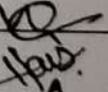
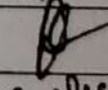
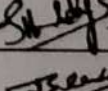
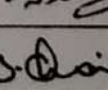
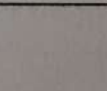

**Agenda of the Meeting:**

- Finalization of course structure for B. Tech Program under R 20 regulations.
- Finalization of course structure for M. Tech Program under R 20 regulations.
- Detailed discussion on course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs).
- Syllabus modification of Design of Experiments in VI semester Add on Course in R17 Regulation
- Discussion and Approval of open electives offered by Department of Mechanical Engineering
- Discussion on UG Degree with additional Minor Engineering (20 credits through MOOCs-as per AICTE Model curriculum)
- Any other matter with the permission of chair

  
7/12/19

BOS Chairman

**Members Present:**

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1	Chairman	<b>Dr.S.Pichi Reddy, Professor &amp; Head</b> Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.	
2	University Nominee	<b>Dr.A.Gopala Krishna, Professor</b> Department of Mechanical Engineering, University College of Engineering, JNTUK, Kakinada.	
3	Subject Expert (Academic)	<b>Dr. A.VenuGopal, Professor</b> Department of Mechanical Engineering, NITW, Warangal	
4	Subject Expert (Academic)	<b>Dr. A.V.S.S.K.S.Gupta, Professor</b> Department of Mechanical Engineering, JNTUH, Hyderabad	
5	Subject Expert (Industry)	<b>R.Yogananda Reddy, Scientist</b> RCL, DRDO, MOD, GOI Hyderabad	
6	Alumni	<b>G.Vijay Kumar</b> Future NDT Training Institute & Consultancy D.No: 40-14-J/1A, ChandramouliPuram, MG Road, Benz Circle, Vijayawada, Andhra Pradesh 520010	
7	Internal faculty	<b>Dr.P.V.ChandraSekharRao,</b> Professor & Controller of Examinations Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.	
8	Internal faculty	Dr.P.Vijay Kumar , Professor	
9	Internal faculty	Dr.P.Ravindra Kumar, Professor	
10	Internal faculty	Dr.Y.Appala Naidu, Professor	
11	Internal faculty	Dr.K.Dilip Kumar, Professor	
12	Internal faculty	Dr.V.DhanaRaju, Assoc. Professor	
13	Internal faculty	Dr.MurahariKolli, Assoc. Professor	
14	Internal faculty	Dr.N.SunilNaik, Assoc. Professor	
15	Internal faculty	S.Srinivas Reddy, Assoc. Professor	
16	Internal faculty	J.Subba Reddy, Assoc. Professor	
17	Internal faculty	B.Chaitanya, Assoc. Professor	



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

The **Minutes of BOS meeting** held on 07-12-2019 in the Department of Mechanical Engineering. **Venue: 3G08**

#### Members present:

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation
1	Chairman	<b>Dr.S.Pichi Reddy, Professor &amp; Head</b> Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.
2	University Nominee	<b>Dr.A.Gopala Krishna, Professor</b> Department of Mechanical Engineering, University College of Engineering, JNTUK, Kakinada.
3	Subject Expert (Academic)	<b>Dr. A.VenuGopal, Professor</b> Department of Mechanical Engineering, NITW, Warangal
4	Subject Expert (Academic)	<b>Dr. A.V.S.S.K.S.Gupta, Professor</b> Department of Mechanical Engineering, JNTUH, Hyderabad
5	Subject Expert (Industry)	<b>R.Yogananda Reddy, Scientist</b> RCL, DRDO, MOD, GOI Hyderabad
6	Alumni	<b>G.Vijay Kumar</b> Future NDT Training Institute & Consultancy D.No: 40-14-J/1A, ChandramouliPuram, MG Road, Benz Circle, Vijayawada, Andhra Pradesh 520010
7	Internal faculty	<b>Dr.P.V.ChandraSekharRao,</b> Professor & Controller of Examinations Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.
8	Internal faculty	<b>Dr.P.Vijay Kumar , Professor</b>
9	Internal faculty	<b>Dr.P.Ravindra Kumar, Professor</b>
10	Internal faculty	<b>Dr.Y.Appala Naidu, Professor</b>
11	Internal faculty	<b>Dr.K.Dilip Kumar, Professor</b>
12	Internal faculty	<b>Dr.V.DhanaRaju, Assoc. Professor</b>
13	Internal faculty	<b>Dr.MurahariKolli, Assoc. Professor</b>
14	Internal faculty	<b>Dr.N.SunilNaik, Assoc. Professor</b>
15	Internal faculty	<b>S.Srinivas Reddy, Assoc. Professor</b>
16	Internal faculty	<b>J.Subba Reddy, Assoc. Professor</b>
17	Internal faculty	<b>B.Chaitanya, Assoc. Professor</b>

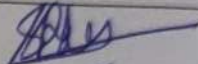
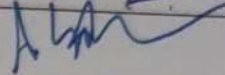
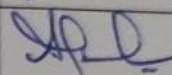
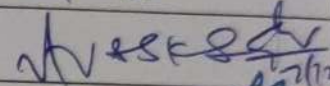
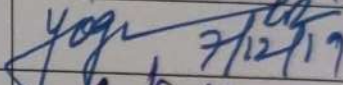
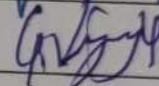
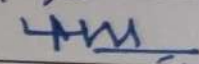
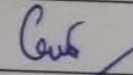
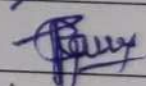
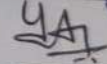
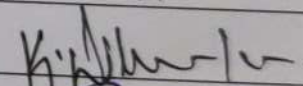
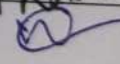
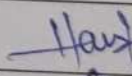
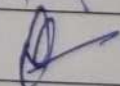

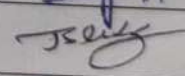
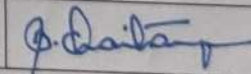
Dr.S.Pichi Reddy, the Chairman, Board of Studies in Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, consideration and approval.

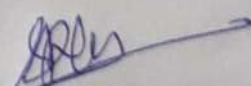
**Agenda**

S. No	Item of Agenda	Decision of BOS
1	Finalization of course structure for B. Tech Program under R 20 regulations.	Approved with minor modifications.
2	Finalization of course structure for M. Tech Program under R 20 regulations.	Approved with minor modifications.
3	Detailed discussion on course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs).	Approved with minor modifications.
4	Syllabus modification of Design of Experiments in VI semester Add on Course in R17 Regulation	Approved
5	Discussion and Approval of open electives offered by Department of Mechanical Engineering	Approved
6	Discussion on UG Degree with additional Minor Engineering (20 credits through MOOCs-as per AICTE Model curriculum)	Suggestions have been given by the committee (Annexure).
7	Any other matter with the permission of chair	Evaluation Method for Integrated Courses has been discussed.

> The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

### Signatures of BOS members

S.No	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr.S.Pichi Reddy	
2	University Nominee	Dr.A.Gopala Krishna	
3	Subject Expert (Academic)	Dr. A.VenuGopal	
4	Subject Expert (Academic)	Dr. A.V.S.S.K.S.Gupta	
5	Subject Expert (Industry)	R.Yogananda Reddy	 yoga 7/12/19
6	Alumni	G.Vijay Kumar	
7	Internal faculty	Dr.P.V.ChandraSekharRao	
8	Internal faculty	Dr.P.Vijay Kumar	
9	Internal faculty	Dr.P.Ravindra Kumar	
10	Internal faculty	Dr.Y.Appala Naidu	
11	Internal faculty	Dr.K.Dilip Kumar	
12	Internal faculty	Dr.V.DhanaRaju	
13	Internal faculty	Dr.MurahariKolli	
14	Internal faculty	Dr.N.SunilNaik	
15	Internal faculty	S.Srinivas Reddy	
16	Internal faculty	J.Subba Reddy	
17	Internal faculty	B.Chaitanya	

  
HEAD

Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM-521 230., KRISHNA DT, A.P



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 14-07-2020

The Board of Studies (BoS) meeting of the Mechanical Engineering Department in virtual mode through Microsoft Teams is scheduled on 16-07-2020 at 02.30 PM to discuss the following agenda points.

### Agenda Points for BOS meeting

- (1) R20 Course Structure- Both UG (Mechanical Engineering) and PG (Thermal Engineering)
- (2) Syllabi of the courses upto IV Semester- B.Tech.
- (3) Syllabi of the M.Tech courses.
- (4) Inputs and feedback reviews from stake holders on R20 Course Structure
- (5) Discussion on Research and Development activities.
- (6) Discussion on Blended Teaching and Learning Process
- (7) Approval of list of examiners for the A.Y. 2020-21.
- (8) Attainment of Course Outcomes COs of ODD semester for A.Y:2019-20
- (9) Discussion on Quality of project works for academic year 2019-20
- (10) Minor degree
- (11) Any other matter with the permission of chair



D.S.Pichi Reddy

HOD-Chairman, BOS

### Minutes of BoS Meeting Held on 16-07-2020

(1) R20 Course Structure- Both UG (Mechanical Engineering) and PG (Thermal Engineering)

- The professional core component according to AICTE is 48, but the component in the R20 regulation is 58. It is requested to look into this matter and if the variation is allowed it can be kept as it is. The percentage variation is around 20 percent and it can be allowed.
- In the first semester 20 credits are allotted and it's seems to be heavy. There is also orientation program and the class work need to be planned excluding the orientation program.
- In the second semester, environmental science it is a mandatory course is introduced. It's better if it is placed in the second year so that the lateral entry students will also study.
- EPICS may be too early to be introduced at the second year level. If possible it may be shifted to later semester depending on convince. It can also be made as a mandatory course.
- Production Technology and Modeling Lab should be renamed with Production Technology Lab as it is not possible to carry the modelling of the production processes.
- Suggested: In the machine drawing, one unit can be of modelling so that the components of the machine drawing can be drawn using software's like CATIA. The subject can be renamed as computer aided machine drawing and the external exam will be of conventional type which includes part drawing and assembly drawing. For the modelling internal evaluation with 10 marks is allowed.
- If possible, Operations research can be made as a regular subject as it is important for GATE examination. If not possible, it can be made as program elective.
- In Industrial Economics and Management, it is requested to include the economics part and if not possible, it can be made as Industrial Management. Also can include few parts of operations research.
- It is requested to complete the MOOCs before VIII semester so that the students have a facility to go to an industry and do a project for the entire semester.



- Geometrical dimensions and tolerances can be included as a main subject as it is having relevance in core industries. If not possible, it can be included as a unit in Metrology and Instrumentation subject.
  - Seminar is not included in the course structure, if not possible Internship can be renamed as Internship with Seminar.
- 2) Syllabi of the courses upto IV Semester- B.Tech.
- In Engineering Workshop, it is requested to include 3D printing also.
  - In Metallurgy and Material Science it is recommended to include Powder Metallurgy.
  - In the Engineering Mechanics and Fuels Testing Lab, cover the theory of the fuels testing and conduct the experiments.
  - Course Educational Objectives may or may not be kept in the syllabus. It has to be determined at the institute level.
- 3) M.Tech course structure and the syllabus.
- In the second semester- PC- Design of Solar and Wind Energy Systems can be renamed as Renewable Energy Technology.
  - The mini project can be renamed as mini project with seminar to include the seminar term in the course structure.
  - The Advanced Heat and Mass Transfer syllabus is similar to B.Tech apart from 5<sup>th</sup> unit. It is requested to include 2D concepts and finite different methods.
  - In Turbo machinery subject, include steam turbines instead of nozzles.
  - In Advanced Fluid Mechanics, replace the laminar flow with the viscous flow.
  - Disaster Management- verify whether it is mandatory for all the branches.
  - In hybrid electric vehicles, it is recommended to include photovoltaic cells and fuel cell based hybrid vehicles.
  - Rename the Refrigeration and Air-conditioning as Refrigeration and Cryogenics.
- 4) Inputs and feedback reviews from stake holders on R20 Course Structure
- It is requested to collect more number of inputs from the stake holders and try to incorporate the inputs in the R20 structure.
- 5) Discussion on Research and Development activities.
- The R&D publications are satisfactory and try to increase the number of publications and the sponsored projects.
  - The number of Ph.D scholars need to be increased as the department is a recognised research center under JNTUK-Kakinada.

6) Discussion on Blended Teaching and Learning Process

- In order to overcome the internet connectivity problems during the online teaching, it is requested to use the learning management system (LMS) and recorded videos.
- Requested to conduct polling during lecture to keep the students active.
- The content should be self explanatory as the teaching is in online.

7) Approval of list of examiners for the A.Y. 2020-21.

The list of examiners submitted is approved.

8) Attainment of Course Outcomes COs of ODD semester for A.Y:2019-20

The course outcomes for the odd semester are approved.

9) Discussion on Quality of project works for academic year 2019-20

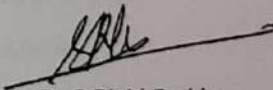
- The quality of projects is satisfactory as they include the projects from various streams of mechanical engineering. Also projects with models, projects on materials and projects on cognitive science are present.

10) Discussion on Minor Degree.

For mechanical students, the Minor Degree in other disciplines of engineering can be introduced with 18 to 20 credits for the meritorious students with a CGPA of 8.0 and above.

The study of minor degree need to start from V semester with well defined course structure covering the core courses of the concerned branch. The course structure for the minor degree need to be approved in the BoS meeting of the concern branch.

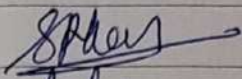
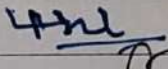
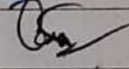
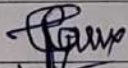
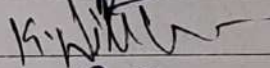
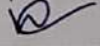
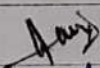
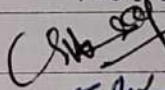
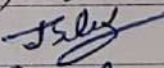
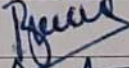
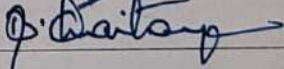
The BoS chairman expressed sincere thanks for all the members for attending the meeting and for providing valuable suggestions. The meeting concluded at 5.00 PM



Dr.S.Pichi Reddy

HOD-Chairman, BOS

Signatures of BOS members

	BOS Members	Signature
1.	Dr.S.Pichi Reddy	
2.	Dr.A.Gopala Krishna	Attended in online
3.	Dr.A.Venu Gopal	Attended in online
4.	Dr.A.V.S.S.K.S.Gupta	Attended in online
5.	Mr. R.Yogananda Reddy	Attended in online
6.	Mr. V.Sethu Ram	Attended in online.
7.	Dr.P.V.ChandraSekhar Rao	
8.	Dr.P.Vijay Kumar	
9.	Dr.P.Ravindr Kumar	
10.	Dr.K.Dilip Kumar	
11.	Dr.V.Dhana Raju	
12.	Dr.MurahariKolli	
13.	Dr. N. Sunil Naik	Not attended.
14.	Mr. S.Srinivas Reddy	
15.	Mr. J.Subba Reddy	
16.	B.Sudheer Kumar	
17.	Mr. B.Chaitanya	

Head of the Department

HEAD

Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG.  
MYLAVARAM-521 230., KRISHNA DT, A.P.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 01-12-2020

The Board of Studies (BoS) meeting of the Mechanical Engineering Department in virtual mode through Microsoft Teams is scheduled on 03-12-2020 at 02.30 PM to discuss the following agenda points.

## Agenda Points for BOS meeting

- (1) Discussion and Approval of R20 Course Structure- Both UG and PG
- (2) Discussion and Approval of Syllabi along with course outcomes of the courses upto IV Semester- B.Tech.
- (3) Discussion and Approval of Open Electives.
- (4) Discussion on Subjects to be offered under B.Tech – Honours and Minor Programs
- (5) Inputs on Regulations – Honours and Minor Program
- (6) Discussion on Skill Oriented Courses
- (7) Approval of list of examiners for the A.Y. 2020-21.
- (8) Any other matter with the permission of chair

Dr.S.Pichi Reddy

HOD-Chairman, BOS


HEAD  
Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGG  
MYLAVARAM-521 230., KRISHNA DT, A.P.

## List of Members

S.No	Name	Designation
1	Dr.K.Appa Rao	Professor & Principal, LBRCE
2	Dr.S.Pichi Reddy	Professor & Chairman, BOS, LBRCE
3	Dr.A.Gopala Krishna	Professor, University Nominee & Member, JNTUK, Kakinada
4	Dr.A.Venu Gopal	Professor & Member, NITW, Warangal.
5	Dr.A.V.S.S.K.S.Gupta	Professor & Member, JNTUH, Hyderabad.
6	R.Yogananda Reddy	Scientist E, RCI, DRDO, MOD, GOI, Hyderabad BOS Member
7	Mr.V.Sethu Ram	Alumni Member
8	Dr.P.V.ChandraSekhar Rao	Professor & Member, LBRCE
9	Dr.P.Vijay Kumar	Professor & Member, LBRCE
11	Dr.P.Ravindra Kumar	Professor & Member, LBRCE
12	Dr.K.Dilip Kumar	Professor & Member, LBRCE
13	Dr.V.Dhana Raju	Assoc. Prof & Member, LBRCE
14	Dr.MurahariKolli	Assoc. Prof & Member, LBRCE
15	Dr. N Sunil Naik	Assoc. Prof & Member, LBRCE
16	J.Subba Reddy	Assoc. Prof & Member, LBRCE
17	S.Srinivasa Reddy	Assoc. Prof & Member, LBRCE
18	B.Sudheer Kumar	Sr.Assistant. Prof & Member, LBRCE

## Agenda

1. Discussion and Approval of R20 Course Structure- Both UG and PG
2. Discussion and Approval of Syllabi along with course outcomes of the courses upto IV Semester- B.Tech.
3. Discussion and Approval of Open Electives.
4. Discussion on Subjects to be offered under B.Tech Honours and Minor Programs
5. Inputs on Regulations - Honours and Minor Program
6. Discussion on Skill Oriented Courses
7. Approval of list of examiners for the A.Y. 2020-21.
8. Any other matter with the permission of chair

Signature of  Chairman-BOS

HEAD  
Dept. of Mechanical Engineering  
LAURENCE RAJU REDDY COLLEGE OF ENGINEERING

Dr.S.Pichi Reddy



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## DEPARTMENT OF MECHANICAL ENGINEERING

### BOS MEETING MINUTES

A.Y: 2020-21

No. of faculty attended for this meeting: 17

Date: 03-12-2020



S. No	Item of Agenda	Decision of BOS
1	Discussion and Approval of R20 Course Structure- Both UG and PG	The R20 course structure of both UG and PG discussed at length and the following suggestions recommendations have been notified and implement in the UG curriculum and  The PG curriculum is approved without any modifications.  Suggestions on Inclusion of Program Core Courses (Both Theory and Lab), Program Electives, Open Elective courses for Mechanical Engineering
2	Discussion and Approval of Syllabi along with course outcomes of the courses upto IV Semester- B.Tech.	Approved
3	Discussion and Approval of Open Electives.	Approved
4	Discussion on Subjects to be offered under B.Tech Honours and Minor Programs	If he get 20 additional credits in the same discipline. 16 credits by subjects in different pools and 4 is advanced courses
5	Inputs on Regulations - Honours and Minor Program	If he get 20 additional credits in the same discipline. 16 credits by subjects in different pools and 4 is advanced courses and MOOCS/NPTEL
6	Discussion on Skill Oriented Courses	5 Skill oriented courses for 10 credits are included in curriculum
7	Approval of list of examiners for the A.Y. 2020-21.	Approved.
8	Any other matter with the permission of chair	nil

➤ The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

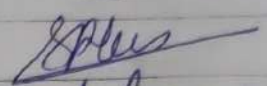
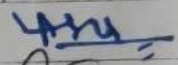
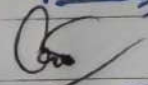

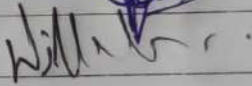
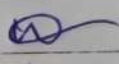
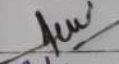

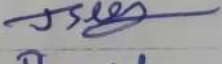
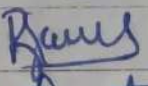
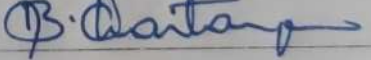
Signature of Hod, Chairman-BOS

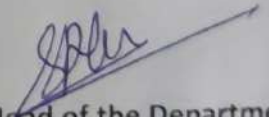
Dr. S. Pichi Reddy

HEAD

Head, Mechanical Engineering

Signatures of BOS members

	BOS Members	Signature
1.	Dr.S.Pichi Reddy	
2.	Dr.A.Gopala Krishna	Attended in online
3.	Dr.A.Venu Gopal	Attended in online
4.	Dr.A.V.S.S.K.S.Gupta	Attended in online
5.	Mr. R.Yogananda Reddy	Attended in online
6.	Mr. V.Sethu Ram	Attended in online
7.	Dr.P.V.ChandraSekhar Rao	
8.	Dr.P.Vijay Kumar	
9.	Dr.P.Ravindr Kumar	
10.	Dr.K.Dilip Kumar	
11.	Dr.V.Dhana Raju	
12.	Dr.MurahariKolli	
13.	Dr. N. Sunil Naik	Attended in online
14.	Mr. S.Srinivas Reddy	
15.	Mr. J.Subba Reddy	
16.	Mr.B.Sudheer Kumar	
17.	Mr. B.Chaitanya	

  
Head of the Department

HEAD

Dept. of Mechanical Engineering  
LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
MYLAVARAM-521 230., KRISHNA DT. A.P.



**SMS Department constituted BOS with the following members**

**(4th BOS Meeting Scheduled on 04-03-2017)**

<b>S. No</b>	<b>Name of the Member</b>	<b>Designation</b>	<b>Chairman/External/Internal members</b>	<b>Address</b>
	<b>Dr.A.Adishesha Reddy</b>	<b>Professor &amp; HOD</b>	<b>Chairman,BOS</b>	<b>LBRCE</b>
	<b>Dr.B.RajaSekhar</b>	<b>Professor and Dean</b>	<b>External member (University Nominee)</b>	<b>School of Management Studies Dean, University of Hyderabad Hyderabad</b>
	<b>Dr.P.Narayana Reddy</b>	<b>Director</b>	<b>External member</b>	<b>Director, NITHAM, Hyderabad Gachibowli, Hyderabad</b>
	<b>Dr.T.RajaSekhar</b>	<b>Associate Professor</b>	<b>Internal member</b>	<b>LBRCE</b>
	<b>Dr.L.Srinivas</b>	<b>Associate Professor</b>	<b>Internal member</b>	<b>LBRCE</b>
	<b>Dr.V.V.Narsi Reddy</b>	<b>Associate Professor</b>	<b>Internal Member</b>	<b>LBRCE</b>
	<b>Mr.G.Ravi Srikanth</b>	<b>Financial Analyst</b>	<b>External Member</b>	<b>Financial Analyst, Golden Hills Capital India Limited, 3<sup>rd</sup> floor MC Design House, 27 Rohini layout, Hi-Tech City Madhapur, Hyderabad.</b>

# LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

## SCHOOL OF MANAGEMENT STUDIES

AGENDA FOR FOURTH BOARD OF STUDIES (BOS) MEETING HELD ON 4<sup>TH</sup> MARCH 2017

VENUE: DEPARTMENT EXAMINATION CELL, VTH BLOCK TIME 10AM ONWARDS

### AGENDA:

- To suggest innovative academic activities for making department to be more vibrant
- To modify / revise / update the syllabi of various courses in MBA programme to meet the changing scenario of the industry
- Incorporate feedback of Alumni in various academic activities, i.e. replacement of subjects, introducing new components in existing syllabus, introducing innovative methods in student project activities as well as placement training programmes so that the students become industry-ready
- Introducing innovative methods in main project activities such as choosing topics, specialization for project, collection of data and monitoring the student during internship, maintenance of project guide diary and conducting project review and mock viva and incorporating of Abstract with proper weightage in internal evaluation
- To suggest communication lab with proper weightage in first semester and also to give more focus on advance excel in IT Lab
- Introduce new courses in the programme
- To suggest methodology for innovative teaching and evaluation process
- Suggestions for improvement in research components in the area of current interest
- To suggest changes in internal evaluation process for 40 marks (25 marks for descriptive + 10 marks for objective and 5 marks for report & presentation)
- Introduce Research Lab during III semester

**Detailed of minutes of BOS meeting held on 04-03-2017 are as follows:**

Course structure & Syllabus:

**a. Semester I**

1. Incorporated Business Communication Lab with 50 marks weightage
2. Changing title of Business Environment as Business Environment & Laws by merging some of components from business laws
3. Replacing QABD with Statistics for Management. Contents of QABD are advised to discuss in Operations Research in 3<sup>rd</sup> semester.
4. Reduced the weightage of IT lab from 100 marks to 50 marks.

**b. Semester II**

1. Production & Operations Management is renamed as Operations Management and includes few concepts from Supply Chain Management.
2. MRM is changed as BRM (Business Research Methods) and advised to change the text books.
3. The weightage of IAP is reduced to 50 marks with 2 credits.
4. During the meeting experts felt that research lab shall be introduced for data analysis if possible it can be there in 2<sup>nd</sup> semester and also advised the lab can be accommodated in any other semesters. After making discussions it is decided to introduce this lab during 4<sup>th</sup> semester which helps the students to carry project research work simultaneously.
5. Reduced the internship duration from 6 weeks to 4 weeks.

**c. Semester III**

1. Introduced CMA in place of TQM subject.
2. Introduced Operations Research in place of Business Laws
3. In case of electives more choice is to be given to the students. It is advised to offer six subjects in each specialization, the student has to choose any 4 subjects (2 in third sem and 2 in fourth sem).
4. Introduced operations specialization to meet the requirements of technical graduates.

Following subjects are to be introduced in each specialization:

1. Finance: 1. Strategic Financial Management

2. Banking & Insurance Management

2. HRM: 1. Talent Management

2. Leadership & Team Building

3. Marketing: 1. Social Media & Digital Marketing

2. International Marketing

4. Systems: 1. ERP

2. DBMS

## 5. Operations Management

1. TQM
2. Service Operations
3. Technology Management
4. Big data analysis
5. Global Operations Management
6. Six Sigma

### d. Semester IV:

1. Introduced BECG in place of LSCM
2. Research lab introduced in with 50 marks & 2 credits in which advanced Excel, SPSS & R is to be discussed.
3. Weightage of project work has been reduced to 150 (100+50) from 200 and credits reduced from 8 to 6.

### General:

- ✓ It is advised to refer standard text books, one foreign author and one Indian author in every subject in each semester.
- ✓ The external expert is advised to send the syllabus soft copy and it can be revised, modified and forwarded to the department for implementation.
- ✓ Advised to the faculty to attend FDP, seminars, workshops and conferences at IIMs and B-Schools to improve the skills and upgrade the knowledge and applied in students associations and other activities are conducting.
- ✓ Also advised to motivate the students to publish the papers and do some online courses.
- ✓ Motivate the students to participate in management events, publish papers and attempt for UGC NET etc.



4  
BoS

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH) , ISO 9001:2008 Certified Inst

The Board of Studies meeting held on **04-03-2017** in the **SCHOOL OF MANAGEMENT STUDIES** discussed the following items of **R-17** regulations of **MBA**.

A) Detailed discussion on the following has been done:

- i) Course structure
- ii) Electives to be offered under PE & OE
- iii) Add-on courses
- iv) Audit & Mandatory courses


B) The following items were also discussed and approved.

- i) **Course structure for 2 year MBA course of R-17 regulations.**
- ii) **Detailed syllabus of MBA(I semester to IV semester) along with outcomes of each course.**
- iii) The panels of external examiners for all department core activities, during the four A.Ys i.e. **2017-18 to 2020-21.**
  - Paper setters for all department theory courses
  - Paper valuers for spot and external evaluation (department core)
  - Project work adjudication
  - All department laboratory courses

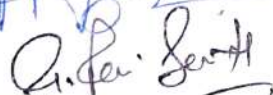
I) Signatures of **external members** with names:

Name  
1. Prof RajaShekhar Bellamkonda

Signature

  
04/03/2017

2. Prof. P. Narayana Reddy

3. G. Ravi Srikanth 

II) Signatures of **internal members** with names:

Name

Signature

1. Dr. T. Rajashekhar

  
04/03/17

2. Dr. L. Srinivas

  
4/3/17

3. Dr. V. V. Narsi Reddy

  
4/3/17

Signature of **BoS Chairman** with name.

  
Dr. A. Adishesha Reddy

5  
BOS

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
SCHOOL OF MANAGEMENT STUDIES**

(Autonomous & Affiliated to JNTUK, Kakinada & Approved by AICTE, New Delhi,  
NAAC Accredited with 'A' grade, Accredited by NBA, Certified by ISO 9001:2015)  
L B Reddy Nagar, Mylavaram-521 230, Krishna District, Andhra Pradesh.

**AGENDA FOR FIFTH BOARD OF STUDIES (BOS) MEETING HELD ON  
3RD FEBRUARY 2018**

**VENUE: SEMINAR HALL, VTH BLOCK, TIME 10am ONWARDS**

- To modify / revise / update the syllabi of various core courses and specialization courses in MBA IIIrd and IVth semesters to meet the changing scenario of the industry
- To suggest innovative academic activities for making department more vibrant
- Incorporate feedback of Alumni and industry experts in various academic activities, i.e. introducing new components in existing syllabus and placement training programmes so that the students become industry-ready
- Introducing innovative methods in main project activities such as choosing topics, specialization for project, collection of data and monitoring the student during internship, maintenance of project guide diary and conducting project review and mock viva and incorporating of abstract with proper weightage in internal evaluation
- To discuss on substitute subjects for the students detained in previous regulations and readmitted in next regulations
- To discuss model curriculum of AICTE to propose innovative teaching learning process in MBA programme which can be implemented in coming Regulations
- Approval of the panel of examiners for main project report and viva voce examination
- To suggest methodology for innovative teaching and evaluation process
- Suggestions for improvement in research components in the area of current interest



## Lakireddy Bali Reddy College of Engineering (Autonomous)

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

Affiliated to JNYUK, Kakinada & Approved by AICTE, New Delhi

NAAC Accredited with "A" grade, Accredited by NEA New Delhi & Certified by ISO 9001: 2008

### School of Management Studies

www.lbrce.ac.in, bschoollbrce2011@gmail.com Phone: 08659-222933, Fax: 08659-222931

**The following members are attended for 5 th BOS meeting in  
SMS department held on 03-02-2018**

No	Name of the member	Designation	Chairman/External/Internal	Address	Signature
1.	Dr.A.Adishesha Reddy	Professor & HOD	Chairman	LBRCE	
2.	Dr.B.Rajasekhar	Dean	University Nominee	School of Management Studies, University of Hyderabad.	
3.	Dr.P.Narayana Reddy	Former Director	External member	NITHAM, Hyderabad	
4.	Dr.T.Rajasekhar	Professor	Internal member	LBRCE	
5.	Dr.L.Srinivas	Assoc.Professor	Internal member	LBRCE	
6.	Dr.V.V.Narsi Reddy	Assoc.Professor	Internal member	LBRCE	
7.	Mr.P.Srinivas	Director	External Member (Industry)	DP Smart Home Solutions,Pvt.Ltd. Vijayawada.	
8.	Mr.G.Ravisrikanth	Financial Analyst	External Member (Alumni)	Golden Hills Capital India Limited, HITECH City, Hyderabad.	

Dr.A.Adishesha Reddy  
(CHAIRMAN-BOS)

PRINCIPAL

PRINCIPAL  
Lakireddy Balireddy College of Engg.  
MYLAVARAM - 521 230.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH) , ISO 9001:2008 Certified Institution

## School of Management Studies

### Minutes of Meeting

- Under the headship of Chairman of BOS Dr. A.Adishesha Reddy, the fifth BOS Committee of SMS department has started meeting at 10.30 am on 3.2.2018 at seminar hall and discussed about Academic, Administrative, R & D and other issues.
- The committee has reviewed about the progress of the department and implementation of course structure in all semesters and other suggestions / ideas of fourth BOS Committee
- The Committee discussed about the substitute subjects to be offered in the case of detained students in earlier regulations and readmitted in the next Regulations.
- The Committee has approved the syllabus of III<sup>rd</sup> & IV<sup>th</sup> semesters as per revised R17 regulations.
- The Committee has approved CEOs and COs statements of all courses of R17 regulations.
- The Committee has approved panel of examiners for project viva-voce examinations.
- ✓ The Committee has advised the department to introduce the new courses in all semesters / activities for next regulations according to new AICTE model course structure.
- The committee advised the department should organize more no. of FDPs, Workshops in order to meet the emerging trends in business.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE, EEE, MECH), ISO 9001:2015 Certified Institution

SMS department constituted BOS with the following members  
(6<sup>th</sup> BOS Meeting scheduled on 09-06-2018)

Dt:03-06-2018

S.No	Name of the member	Designation	Chairman/External/Internal	Address
1.	Dr.A.Adishesha Reddy	Professor & HOD	Chairman	LBRCE
2.	Dr.B.Rajasekhar	Dean	University Nominee	School of Management Studies, University of Hyderabad.
3.	Dr.P.Narayana Reddy	Former Director	External member	NIITAM,Hyderabad
4.	Dr.T.Rajasekhar	Professor	Internal member	LBRCE
5.	Dr.L.Srinivas	Assoc.Professor	Internal member	LBRCE
6.	Dr.V.V.Narsi Reddy	Assoc.Professor	Internal member	LBRCE
7.	Mr.P.Srinivas	Director	External Member (Industry)	DP Smart Home Solutions,Pvt.Ltd. Vijayawada.
8.	Mr.G.Ravisrikanth	Financial Analyst	External Member (Alumni)	Golden Hills Capital India Limited, HITECH City, Hyderabad.

  
Dr.A.Adishesha Reddy  
(CHAIRMAN-BOS) 3/6/18



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE, EEE, MECH), ISO 9001:2015 Certified Institution

6<sup>th</sup> BOS Meeting held on 09-06-2018

## Minutes of the Meeting

The chairman of BOS committee conducted a meeting with its members at School of Management Studies, the detailed minutes of meeting are given below:

1. The members of BOS committee reviewed the R17 course structure and highlighted certain improvements for R19 in-line with AICTE model curriculum.
2. Committee reviewed CO statements and advised refinement for few courses.
3. Discussed about the Skills development in different domain specifically business skills, data analytics, employability and life skills.
4. Discuss the Role of departmental consultancy to meet the various needs of the industry as well as management students in and around new state capital besides promoting culture among the students of colleges.
5. BOS committee discussed equalant /substitute courses for Re-admitted candidates from R11 to R14 and R14 to R17 regulations.
6. Approved external examiners for academic year 2018-19 for assessment of major project.
7. Committee approved calendar of events of SMS for the academic year 2018-19.
8. Members reviewed the progress of research activities and suggested methodologies for its improvement.
9. Committee members also advised innovative teaching and evaluation methods to strengthen the quality standards.

### MEMBERS ATTENDED FOR THE MEETING

#### (I) Internal members

1. W. A. A. (Dr. A. A. Seshaiah)
2. Dr. T. Rajasekhara
3. (Dr. L. SRINIVAS)
4. (Dr. V. V. Navin Reddy)

#### (II) External members

1. (P. Srinivas)
2. (Dr. B. Rajasekhara)
3. (Prof. P. Narayana Reddy)
4. (G. Ravi Srikant)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

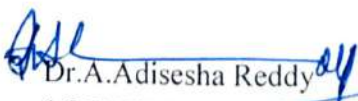
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931



## LIST OF BOS MEMBERS FOR MBA PROGRAMME 7<sup>TH</sup> BOS MEETING SCHEDULED 15<sup>TH</sup> DEC-2018

DATE: 06-12-2018

S.N.	NAME OF THE MEMBER & DESIGNATION	ADDRESS	POSITION IN BOS MEMBERS
1.	Dr.A.Adishesha Reddy, Professor & HOD	Laki Reddy Balireddy College Of Engineering	Chairman
2.	Prof G.V.Chalam, Former Dean	Department of Commerce and Management,Acharya Nagarjuna University, Guntur.	University Nominee
3.	Prof P.Narayana Reddy, (Member of AICTE) Former Director	National Institute of Tourism & Hospitality Management , Gachibowli,Hyderabad	External Member (Academic Expert)
4.	Dr.T.Rajasekhar, Professor	Laki Reddy Balireddy College Of Engineering	Internal Member
5.	Dr.L.Srinivas, Assoc.Professor	Laki Reddy Balireddy College Of Engineering	Internal Member
6.	Dr.V.V.Narsi Reddy, Assoc.Professor	Laki Reddy Balireddy College Of Engineering	Internal Member
7.	Mr.P.Srinivas, Director	DP Smart Home Solutions Pvt.Ltd, Vijayawada.	External Member (Industry Expert)
8.	Mr.G.Ravisrikanth, Financial Analyst	Golden Hills Capital India Pvt. Limited, Hyderabad.	External Member (Alumni)

  
Dr.A.Adishesha Reddy  
(CHAIRMAN-BOS)

  
PRINCIPAL



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

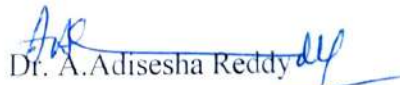
Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

Dt: 07-12-2018

## 7<sup>TH</sup> BOS MEETING OF MBA PROGRAMME SCHEDULED ON 15-12-2018

### AGENDA POINTS

1. To Review the courses implemented under R17 Regulations.
2. To approve changes of Course Outcomes & Mapping with PO statement along with justification.
3. Suggestions for next regulation on curricular aspects.
4. To discuss Innovative Teaching & Evaluation Techniques.
5. Suggestions with respect to additional Examiners Appointment.
6. Suggestions for getting effective Feedback from Stakeholders.
7. To discuss various steps to improve the Skills & knowledge of the Students.
8. To discuss the enhancement of Qualitative Placements.
9. Suggestions for improvement of R&D Environment.
10. To discuss various initiatives for Consultancy Services.

  
Dr. A. Adishesha Reddy

(Chairman – BOS)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

## 7<sup>TH</sup> BOS MEETING OF MBA PROGRAM HELD ON 15-12-2018

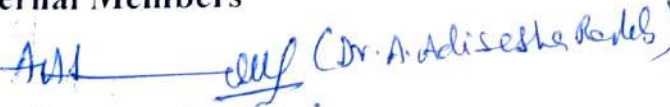




### MINUTES OF THE MEETING

The Chairman of BOS Committee organized a meeting with all its members at School of Management Studies on 15-12-2018. The Minutes of the Meeting are as follows:



1. The Members of BOS Committee reviewed Course Structures and its implementation under R-17 regulations and suggested certain remedies for next regulations.
2. The Committee approved the changes of course outcomes under R-17 Regulations.
3. The committee approved the CO & PO mapping of all courses under R17 regulations.
4. The members discussed about implementation of Innovative Teaching & Evaluation Techniques.
5. Members suggested measures to be implemented for effective feedback from Stakeholders.
6. Members suggested additional examiners for Project work, Lab Examinations.
7. Committee suggested Online/Offline certificate courses such as NPTEL, Tally /SAAP/NISM for initiating Job-Oriented Skills among the students.
8. Committee discussed and provided certain directions to enhance qualitative placements in the department.
9. The members of the Committee discussed R&D environment and provided certain guidelines for further improvement such as Applying for Research projects/Publish research Articles in high rated Journals/Motivate the students in research activities etc..
10. The Committee also discussed the other issues like to initiate rapport with consultancy services etc.

The following Members attended for the Meeting.

#### Internal Members

1. Add  (Dr. A. Adisesha Reddy)
2.  (Dr. T. RAJASEKHAR)
3.  (Dr. L. SRINIVAS)
4.  (Dr. V. V. Narasimha Reddy)
5.  (Dr. P. Venkateswara Reddy)

#### External Members

1.  (P. Srinivas)
2.  (G. Ravi Srinanth)
3. - NOT ATTENDED -  
(Prof. G. V. Chalam)
4. - NOT ATTENDED -  
(Prof. P. Narayana Reddy)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

## LIST OF BOS MEMBERS FOR MBA PROGRAMME 8<sup>th</sup> BOS MEETING SCHEDULED ON 15<sup>TH</sup> JUNE-2019

Date :10-06-2019

S.NO	NAME OF THE MEMBER & DESIGNATION	ADDRESS	POSITION IN BOS MEMBERS
1.	Dr.A.Adishesha Reddy, Professor & HOD	Laki Reddy Balireddy College of Engineering	Chairman
2.	Prof G.V.Chalam, Former Dean	Department of Commerce and Management, Acharya Nagarjuna University, Guntur.	University Nominee
3.	Prof P.Narayana Reddy, (Member of AICTE) Former Director	National Institute of Tourism & Hospitality Management , Gachibowli, Hyderabad	External Member (Academic Expert)
4.	Mr.P.Srinivas, Director	DP Smart Home Solutions Pvt.Ltd, Vijayawada.	External Member (Industry Expert)
5.	Mr.G.Ravisrikanth, Financial Analyst	Golden Hills Capital India Pvt. Limited, Hyderabad.	External Member (Alumni)
6.	Dr.T.Rajasekhar, Professor	Laki Reddy Balireddy College of Engineering	Internal Member
7.	Dr.L.Srinivas, Assoc.Professor	Laki Reddy Balireddy College of Engineering	Internal Member
8.	Dr.V.V.Narsi Reddy, Assoc.Professor	Laki Reddy Balireddy College of Engineering	Internal Member
9.	Dr.D.Venkaeswarlu Assoc.Professor	Laki Reddy Balireddy College of Engineering	Internal Member

*Dr.A.*  
Dr.A.ADISESHA REDDY 10/6/19  
(CHAIRMAN-BOS)

*Principal*  
PRINCIPAL



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## School of Management Studies

Dt: 15-06-2019

### BOS meeting Agenda

The 8<sup>th</sup> BOS meeting of SMS Department scheduled on 15<sup>th</sup> June 2019 in the department to discuss the following academic issues:

1. To review the progress of previous meeting discussions
2. To discuss the action plan to meet the requirements of the students in line with current market trends
3. To discuss probable changes of course structure and syllabi in MBA programme to meet the industry expectations
4. To review the Programme Educational Objectives and outcomes in line with current management education scenario
5. To review the R14 regulations so as to propose changes to meet the R20 regulations
6. To discuss to introduce some contemporary topics in each course of the programme and to discuss the action plan to strengthen the quality of student project activities
7. To discuss the changes of assessment pattern of academic performance of the students in internal examinations



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## School of Management Studies

9<sup>th</sup> BOS MEETING

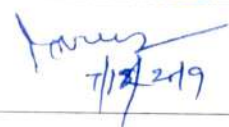
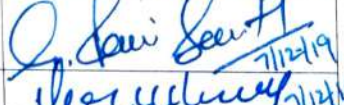

Date: 07.12.2019

The board of studies meeting is held on 07.12.2019 in the Department of MBA

### Agenda of the Meeting:

1. Review the course structure of current R17 Regulations of MBA Programme.
2. Discussion of AICTE Model curriculum and JNTU Recent course structures.
3. Detailed discussion on the new course structure of the programme.
4. Finalization of the course structure of R20 Regulations.
5. Discussion on the course content and CO statements of all the courses of I & II Semesters in new course structure.
6. Discussion and approval of Open Electives
7. Discussion on any other points proposed by honourable members of the committee.

### Members Present:

S. No	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1	Chairman	Dr.A.Adishesha Reddy, Professor & HOD, SMS Department, Lakireddy Bali Reddy College of Engg.	 07/12/19
2	University Nominee	Prof. G.V.Chalam, Former Dean, Department of Commerce and Management, Acharya Nagarjuna University, Guntur	 7/12/2019
3	Subject Expert (Academic)	Prof. P.Narayana Reddy, (Member of AICTE). Former Director, National Institute of Tourism & Hospitality Management , Gachibowli, Hyderabad	-NOT ATTENDED-
4	Subject Expert (Industry)	Mr.P.Srinivas, Director, DP Smart Home Solutions Pvt.Ltd, Vijayawada	 07/12/19
5	Alumni	Mr.G.Ravisrikanth, Financial Analyst, Golden Hills Capital India Pvt. Limited, Hyderabad.	 7/12/19
6	Internal Faculty	Dr. T. Rajasekhar, Professor, SMS.	 7/12/19
7	Internal Faculty	Dr.L. Srinivas, Assoc. Professor, SMS.	 07/12/19
8	Internal Faculty	Dr.V.V. Narsi Reddy, Assoc. Professor, SMS	 07/12/19
9	Internal Faculty	Dr. D. Venkateswarlu, Assoc. Professor, SMS.	 07/12/19





## School of Management Studies

The Board of Studies meeting was held on 07.12.2019 in the Department of MBA.

### Minutes of the Meeting

1. The members reviewed the course structure of R 17 Regulations of MBA program.
2. Members are discussed model curriculum of AICTE and recent course structures of JNTU Kakinada, Hyderabad and Anantapur.
3. The committee discussed the semester wise credits of the program of R 20 Regulations.
4. The committee was discussed and finalise the new course structure of the program of R 20 Regulations.
5. Members are discussed and approved open elective / elective courses in the second semester of R 20 Regulations.
6. The members of the committee discussed course content of the first year courses along with CO statements of R 20 Regulations.
7. The committee was advised to share the course content and CO statements of the first year courses (R 20 Regulations ) to all the BOS Members for further suggestions.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbce.ac.in website : www.lbce.ac.in

## School of Management Studies

Members attended for 9th B.O.S. meeting

S. No	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr.A.Adishesha Reddy	<i>Ad</i> 7/12/19
2	University Nominee	Prof G.V.Chalam	<i>G.V.Chalam</i> 7/12/2019
3	Subject Expert (Academic)	Prof P.Narayana Reddy	- NOT ATTENDED -
4	Subject Expert (Industry)	Mr.P.Srinivas	<i>P. Srinivas</i> 07/12/19
5	Alumni	Mr.G.Ravisrikanth	<i>G. Ravisrikanth</i> 07/12/19
6	Internal Faculty	Dr. T. Rajasekhar	<i>T. Rajasekhar</i> 07/12/19
7	Internal Faculty	Dr.L. Srinivas	<i>L. Srinivas</i> 07/12/19
8	Internal Faculty	Dr V.V. Narsi Reddy	<i>V.V. Narsi Reddy</i> 07/12/19
9	Internal Faculty	Dr. D.Venkateswarlu	<i>D. Venkateswarlu</i> 07/12/19



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## School of Management Studies

10<sup>th</sup> BOS Meeting


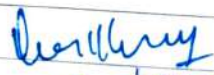



Date: 04-07-2020

The board of studies meeting is scheduled on **09-07-2020** in the Department of **MBA**

### Agenda of the Meeting:

- To review the previous BOS meeting minutes and discussion on salient features R20 regulations.
- Finalization of course structure for MBA Program under R20 regulations.
- Detailed discussion and finalization of course content (syllabus) of I and II semesters under R20 Regulations along with Course Outcomes (COs)
- Discussion on plan of NBA accreditation and academic activities using online platforms.
- Any other points proposed by the members of committee.

### Members Present:

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1.	Chairman	Dr.A.Adishesha Reddy Professor & HOD of SMS,LBRCE	
2.	University Nominee	Prof.G.V.Chalam, Former Dean, Department of Commerce and management, ANU, Guntur	- ON-line -
3.	Subject Expert (Academic)	Prof.P.Narayana Reddy, (Former Member of AICTE), Former Director, National Institute of tourism and hospitality Management Gachbowli, Hyderabad.	- ON-line -
4.	Subject Expert (Industry)	Mr.P.Srinivas Director, DP, Smart Home solutions Pvt.Ltd, Vijayawada	- NOT ATTENDED -
5.	Alumni	Mr.G.Ravi Kanth Financial analyst, Golden Hills capital India Pvt, Ltd, Hyderabad	- ON-line -
6.	Internal faculty	Dr.T.Rajasekhar, Professor, SMS	
7.	Internal faculty	Dr.L.Srinivas, Asso. Professor, SMS	
8.	Internal faculty	Dr.V.V.Narsi Reddy, Asso. Professor, SMS	
9.	Internal faculty	Dr.D.Venkateswarlu, Asso. Professor, SMS	



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## School of Management Studies

10<sup>th</sup> BOS meeting Date: 09-07-2020

### Minutes of Board of Studies (BOS) Meeting

- The members reviewed the salient features of course structure of R20 regulation.
- The members discussed and finalized course structure of MBA programme under R20 Regulations.
- The committee discussed and finalized the Course content (Syllabus) along with course outcomes of I and II Semesters of MBA Programme under R20 regulations.
- Committee members are discussed the action plan and given direction to full fill the requirements of NBA accreditation.
- Members reviewed the progress of department activities using online platforms and also suggested to carry out the same in future.

S.No	BOS Hierarchy	Name	Signature with Date
1	Chairman	Dr.A.Adishesha Reddy	
2	University Nominee	Prof.G.V.Chalam	- ON - line -
3	Subject Expert (Academic)	Prof.P.Narayana Reddy	- ON - line -
4	Subject Expert (Industry)	Mr.P.Srinivas	- NOT ATTENDED
5	Alumni	Mr.G.Ravi Kanth	- ON - Line -
6	Internal faculty	Dr.T.Rajasekhar	
7	Internal faculty	Dr.L.Srinivas	
8	Internal faculty	Dr.V.V.Narsi Reddy	
9	Internal faculty	Dr.D.Venkateswarlu	

11<sup>th</sup> Bos meeting scheduled on 4.12.2020

AGENDA:

1. Review of Previous Bos meeting minutes of approved Course structures of R-20
2. Descriptors on Course Content and Co/PO
3. Discussions on Project activities Carried in
4. Discussion on online Conduct of examine
5. Any other Related issues to Department

Members present.

S.no.	Bos Hierarchy	Name
1.	Chairman	Dr. A. Adarsha Reddy
2.	University Nominee	Prof. G. Venkatesh
3.	Subject expert (Academics)	Prof. P. Narayana Reddy
4.	Subject expert (Industry)	Mr. P. Srinivas
5.	Alumni	Mr. G. Ravi Sankar
6.	Internal Faculty	Dr. T. Rajasekhara
7.	Internal Faculty	Dr. L. Srinivas
8.	Internal Faculty	Dr. V. V. Nandhi Reddy
9.	Internal Faculty	Dr. D. Venkateswara

& details follows.

and discussions on Action plan of Implementation regulations of I & II Semesters including Open Elective - Courses

statements related to 3<sup>rd</sup> & 4<sup>th</sup> Semesters of R20 regulations

3<sup>rd</sup> & 4<sup>th</sup> Semester of R20 regulations.

activities of the Department

Signature with Date.

~~66/~~ ~~11/12~~  
 NOT ATTENDED  
 NOT ATTENDED  
 NOT ATTENDED  
 NOT ATTENDED

*(Signature)*  
*(Signature)*  
*(Signature)*  
*(Signature)*



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA  
MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## School of Management Studies The 12<sup>th</sup> board of studies meeting is scheduled on 24<sup>TH</sup> June 2021 Agenda of the meeting:

- To Review the previous BOS meeting minutes and discussion on salient features R20 regulations.
- Review of implementation of new structure.
- Finalisation of Course Structure for MBA Program under R20 regulations.
- Detailed discussion and finalisation of course content (syllabus) of III and IV semesters Under R20 Regulations along with Course Outcomes(Cos)
- Review of academic activities using on online platforms.
- Any other points proposed by the members of the committee.

### Members Present:

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation
1.	Chairman	Dr.A.Adishesha Reddy Professor & HOD of SMS,LBRCE
2.	University Nominee	Dr.P.Ragunadha Reddy, Professor of Management Studies SV University,Tirupathi.
3.	Subject Expert (Academic)	Prof.P.Narayana Reddy, (Former Member of AICTE) Former Director,National Institute of tourism and hospitality Management,Gachibowli,Hyderabad.
4.	Subject Expert (Industry)	Mr.P.Srinivas Director,DP,Smart Home solutions Pvt Ltd,Vijayawada.
5.	Alumni	Mr.G.Ravi Srikanth Financial analyst, Golden Hills capital India Pvt.Ltd,Hyderabad
6.	Internal faculty	Dr.T.Rajsekhar, Professor,SMS
7.	Internal faculty	Dr.L.Srinivas, Associate Professor,SMS
8.	Internal faculty	Dr.V.V.Narsi Reddy, Associate Professor,SMS
9.	Internal faculty	Dr.D.Venkateswarlu Associate Professor,SMS



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931

e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## School of Management Studies

12<sup>th</sup> BOS Meeting.

Dr:24-06-2021

### Minutes of the Board of studies (BOS) meeting

MBA department organized BOS meeting on 24 June 2021 and the minutes of the meeting are as follows:

- The members reviewed the previous meeting minutes
- The members discussed recent course structure implementation(R-20)
- The committee has discussed and approved the course content (Syllabus) of III & IV semesters courses of MBA along with Co statements and CO-PO articulation Matrix.
- Members also discussed ATR of batch 2018-20.
- The members reviewed the progress of department activities and online classes using Microsoft teams (MST) online platform and suggested to carry out the same in future also.
- The members suggested the department actions in future to strengthen the quality and quantity of admissions and placements.

S.No	BOS Hierarchy	Name	Signature With date
1.	Chairman	Dr.A.Adishesha Reddy	<i>Adishesha Reddy</i>
2.	University Nominee	Dr.P.Ragunadha Reddy	ON LINE
3.	Subject Expert(Academic)	Prof.P.Narayana Reddy.	ON LINE
4.	Subject Expert(Industry)	Mr.P.Srinivas	ON LINE
5.	Alumni	Mr.G.Ravi Srikanth	ON LINE
6.	Internal faculty	Dr.T.Rajsekhar	<i>Dr. T. Rajsekhar</i>
7.	Internal faculty	Dr.L.Srinivas	<i>L. Srinivas</i>
8.	Internal faculty	Dr. V.V.Narsi Reddy	<i>V.V. Narsi Reddy</i>
9.	Internal faculty	Dr.D.Venkateswarlu	<i>D. Venkateswarlu</i>



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(AUTONOMOUS)  
L.B. Reddy Nagar :: Mylavaram - 521 230 :: Krishna Dist.:: A.P.  
Master of Computer Applications**

Date :04-03-17

The Board of Studies meeting held on 04-03-2017 in the department of MASTER OF COMPUTER APPLICATIONS discussed the following items of R-17 regulations of MCA.

A) Detailed discussion on the following has been done:

- i) Course structure
- ii) Electives to be offered under PE & OE
- iii) Audit & Mandatory courses

B) The following items were also discussed and approved.

- i) Course structure for 1/2/3 year MCA course of R-17 regulations.
- ii) Detailed syllabus of (I semester to V semester) along with outcomes of each course.
- iii) The panel of external examiners for all department core activities, during the three A.Ys i.e. 2017-18 to 2019-20.
  - Paper setters for all department theory courses
  - Paper valuers for spot and external evaluation (department core)
  - Project work adjudication
  - All department laboratory courses

I) Signatures of external members with names:

Name

1. Dr. P. Suresh Varma

2. Dr. M. Babu Reddy

Signature

II) Signatures of internal members with names:

Name

1. Mr. I. Rajendra Kumar

2. Mr. K. Phaneendra

Signature

I. Rajendra Kumar

K. Phaneendra

I. Rajendra Kumar  
Signature of BOS Chairman with name.

(I. RAJENDRA KUMAR)





**BOS MEETING ON 03-02-2018 FOR R-17 REGULATIONS**

**MINUTES OF THE MEETING**

The Board of studies meeting held on 03-02-2018 in the department of MCA discussed the following items of R-17 regulations of MCA.

**A:** Detailed discussions on the following had been done and are approved:

1. MCA 2<sup>nd</sup> year and 3<sup>rd</sup> year Syllabus.
2. Course Outcomes for MCA courses.
3. Panel of Examiners list for paper setters, paper valuers, Project work adjudicators, departmental laboratory courses etc.
4. CO-PO mappings of MCA courses.

**B:** The following items are also discussed and suggestions were given:

1. Workshops should be conducted on Java Script based Technologies for students.
2. Floyd's, Warshall's, Krushkal's and Prim's algorithms should be included as additional experiments in DS Lab.
3. Need to have few orientation classes on Data Mining and Data Analytics before starting the R-Programming lab.

Signatures of the Members:

1	Dr. P. Suresh Varma, Professor & Dean IT Adikavi Nannaya University, Rajahmandry E-mail:vermaps@yahoo.com Ph:9848375600	External Member JNTUK Representation NOT ATTENDED
2	Dr. M.Babu Reddy HOD, CS & Special Officer (Exams) Krishna University, Machilipatnam m_babureddy@yahoo.com, Ph.No:9963436460	External Member Academician JBR 03/2/18
3	Sri,N.Syam Prasad Technical Architect, HCL Technologies, Hyderabad. syamnibhanupudi@gmail.com, Ph.No: 9885529457	External Member Industry Representation N.Sy
4	Sri.I.Rajendra Kumar HOD MCA Department, LBRCE	Internal Member Chairman I. Rajendra Kumar
5	Sri. K. Phaneendra Assistant Professor MCA Department, LBRCE	Internal Member Phaneendra
6	Sri.P.Ashok Reddy Sr.Asst. Prof. MCA Department, LBRCE	Internal Member Ashok

I. Rajendra Kumar .  
Chairman-BOS  
(Sri.I.Rajendra Kumar)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

**BOS MEETING HELD ON 09-06-2018**

## MINUTES OF THE MEETING

The Board of studies meeting held on 09-06-2018 in the department of MCA discussed the following items:

A: Detailed discussions on the following had been done and are approved:

1. Calendar of events for A.Y. 2018-19.
2. Panel of examiners to conduct laboratory external examinations and main project viva-voce.
3. Additional experiments designed for all laboratory courses.

B: After detailed discussion, the CO-PO mappings of the subjects AT&CD, BDA, MAD and WT are refined.

C: BOS members have made the following suggestions:

1. Improve the research in the current areas like Artificial Intelligence and Robotics, Big data Analytics, Bio Informatics and cyber security.
2. Implement the innovative teaching methodologies like Moodle, Inquiry based learning, project based learning etc.
3. Courses like Data science, Service oriented architecture and Block chain technology can be introduced in next regulations.
4. Try to get the MOU's from software organizations for student internships and main projects.
5. Research publications in Scopus indexed journals should be improved.

D: BOS Members approved the format of faculty Self-Appraisal form designed for the A.Y.2018-19.

### Signatures of the Members:

1	Dr. P. Suresh Varma, Professor & Dean IT, Adikavi Nannaya University, Rajahmundry. E-mail: <a href="mailto:vermaps@yahoo.com">vermaps@yahoo.com</a> Phone:9848375600	External Member JNTUK Representation  NOT ATTENDED
2	Dr. M.Babu Reddy, Asst.prof of CS & Special Officer (Exams), Krishna University, Machilipatnam. E-mail: <a href="mailto:m_babureddy@yahoo.com">m_babureddy@yahoo.com</a> Phone:9963436460	External Member Academician  
3	Sri.N.Syam Prasad, Technical Architect, HCL Technologies, Hyderabad. Email: <a href="mailto:syamnibhanupudi@gmail.com">syamnibhanupudi@gmail.com</a> Phone: 9885529457	External Member Industry Representation  NOT ATTENDED
4	Sri.I.Rajendra Kumar, HOD MCA Department, LBRCE	Internal Member Chairman  I. Rajendra Kumar
5	Sri.K.Phaneendra, Assistant Professor, MCA Department, LBRCE	Internal Member  Phaneendra
6	Dr.P.Ashok Reddy, Sr.Assistant Professor, MCA Department, LBRCE	Internal Member  P.Ashok Reddy

**I. Rajendra Kumar**  
Chairman - BOS  
(Sri.I.Rajendra Kumar)



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC with 'A' Grade, ISO 9001:2015 Certified Institution

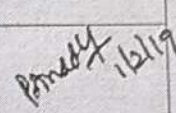
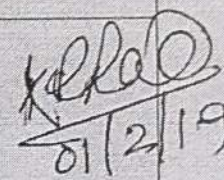
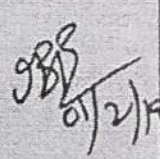
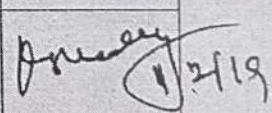
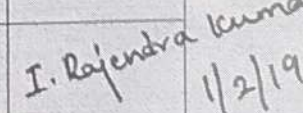
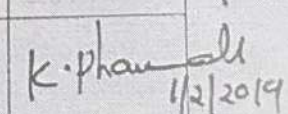
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

## DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS

### MINUTES OF MCA DEPARTMENT BOS MEETING HELD ON 01-02-2019

The Board of studies meeting held on 01-02-2019 in the department of MCA  
And the following members have attended.

Sno	Name & Designation	Address	Position in BOS	Signature
1	Dr.P.Ashok Reddy HOD & Assoc Professor	MCA Department, LBRCE	Internal Member Chairman	 1/2/19
2	Dr.M.H.M.Krishna Prasad Professor of CSE Department UCEK,JNTU Kakinada	Professor of CSE Department JNTU Kakinada Ph No:9989337589	University Nominee (JNTUK)	NOT ATTENDED
3	Dr.K.Raja Sekhara Rao Director	Usharama College of Engineering & Technology Telaprolu, Gannavaram(Md), Krishna(Dist) Mail id:krr_it@yahoo.co.in Ph.No:9848452344	External Member Subject Expert- 1	 01/2/19
4	Dr. M.Babu Reddy  HOD-Dept of.MCA CS & Special Officer (Exams)	Krishna University,Machilipatnam Mail id:m_babureddy@yahoo.com Ph.No:9963436460	External Member Subject Expert- 2	 01/2/19
5	Dr.K.Sudheer Reddy Founder & Head- Technology	Intelligenext Solutions Pvt.Ltd,Hyderabad. Mail id: sudheer@cse@gmail.com Ph.No:9160017017	External Member Industry Representation	 1/2/19
6	Sri.Y.Rajesh Senior Associate	Cognizant Technologies, Hyderabad Mail id: rajesh.yalagandala@cognizant.com Ph.No.9703456680	Alumni Member	NOT ATTENDED
7	Sri.I.Rajendra Kumar Assoc Professor	MCA Department, LBRCE	Internal Member	 1/2/19
8	Sri.K.Phaneendra Asst. Prof.	MCA Department, LBRCE	Internal Member	 1/2/2019

## MINUTES OF THE MEETING

The resolutions made are as follows:

### **A: Detailed discussions on the following had been done and are approved:**

1. CO refinements and CO-PO mapping refinements for the courses DBMS, DBMS LAB, OS, CC, SE, OOAD and OOAD LAB.
2. Panel of examiners to conduct laboratory external examinations and main project viva-voce.
3. Innovative teaching methodologies and evaluation techniques - ICT, LCD, MOODLE, SWAYAM, and NPTEL which are being currently used in the Department.
4. Reviewed the feedback on curriculum from the Stake holders.

### **B: BOS members have made the following suggestions:**

1. More emphasis need to be given on research in the current areas like: Artificial Intelligence and Robotics, Big data Analytics, Bio Informatics and cyber security, Block chain and Machine learning.
2. While design the curriculum and syllabus preparation for R20 regulations, the recent developments in the field of Computer Science need to be taken into consideration.
3. One elective with name "Recent trends in IT" will be offered for Final year students whose content can be decided before 2 months of commencement of the course.
4. Research publications in Scopus indexed journals should be improved.
5. The members have expressed to look into the possibilities of introducing one or two MOOCs courses as part of R20 regulations.

**C:** BOS members have looked into the feedback of concerned faculty on the course content and expressed the possible ways to address the various issues.

**D:** Reviewed the PO attainments of 2015-18 batch and witnessed that the POs were successfully attained and suggested to have improved targets for the next batch of students.

Amulya  
01/2/19

Kalra  
01/2/19

gbb  
01/2/19

Amulya  
02/19

G. Rajendra Kumar  
1/2/19

K. Phaneeb  
1/2/2019

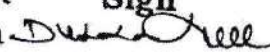
A.Y. 2015-16.


**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting held on 7<sup>th</sup> May 2016.**  
**FOR UG & PG Programs**


**Members Present:**


**External BoS Member**

1. Dr. D.V.S.S. Siva Sarma 

2. Dr. G. Kesava Rao 


**Internal BoS Member**

1. Dr. M. Uma Vani 

2. Mr. K.R.L. Prasad 

3. Mr. J. Sivavara Prasad 

4. Mr. P. Deepak Reddy 

5. Mrs. P. Shobha Rani 

1. Prepared modified course contents for UG & PG (R-14) courses as per Outcome Based Learning
2. Suggested panel of names to the Academic Council for appointment of examiners for:
  - Setting of question papers
  - Valuation of answer scripts
  - Suggested panel of external examiners for Labs/Mini-projects/Main projects
3. Identification of subjects for MOOCS courses (R14 regulation)
4. Changes in question paper pattern for Mid and Semester end examinations, quiz, assignments and tutorials-Discussed/Suggested.
5. Ratification of the equivalent subjects for readmitted B.Tech students-Discussed/Suggested.
6. The finalized Program Specific Outcomes (PSOs) as per NBA new SAR format- Suggested details enclosed/ list below.
7. Refining of Course Outcomes and their mappings to POs + PSOs with refined weights and modify the COs and POs+PSOs assessment process - suggested/Discussed.

List Enclosed

8.

Annexure- Minutes of BOS meeting held on 7/5/2016.

3.Tech EEE

1. S301 Measurement and Instrumentation course content is to be changed with emphasis on Electronics Measurements in the subsequent regulation changes.
2. S214-Electrical Engineering Materials in V semester is placed in Programme Elective-I in place of S332- Optimisation techniques in VI semester.
3. In place of S214- Electrical Engineering Materials in V semester, S227-Elements of Signal Processing of VI semester is placed.
4. S332- Optimisation techniques is taken from Programme Elective-I in VI semester and is made compulsory course in the same semester.
5. The course content of S332- Optimisation techniques is reframed and the subject title is changed as "Optimization techniques in Engineering".
6. In VI semester "S278-Intelligent control systems" syllabus is reframed.
7. IV sem S174 -Control systems UIN-I title is changed as "Introduction-Mathematical Modelling of Control Systems"
8. In the next regulation changes for contents in the course S342-Power Generation and Utilisation, following changes are suggested:
  - include Efficient lighting systems in UNIT III and
  - add text book on Power system Analysis by Stevenson and Grainger in references list.
9. S213- ELECTRICAL DISTRIBUTION SYSTEMS-UNIT IV content is reframed after incorporating distribution automation and communication systems.
10. S346-Power system operation and control-Units IV and V contents are redefined and new Reference book (N.D.Enrique Acha, et al. "FACTS-Modelling and simulation in Power Networks", John wiley publications) on FACTS devices is added.
11. S248 - FACTS CONTROLLERS-Text book (N.D.Enrique Acha, et al. "FACTS-Modelling and simulation in Power Networks", John wiley publications) on FACTS devices is added in prescribed books.
12. Question bank quality(and repetition of question) should be maintained. Instead of 20, 5 questions from each unit may be given.

13. L170 Power Systems Lab experiments must be split into two cycles as simulation and Hardware type.

M.Tech (PE&D):

1. MTW2063 Artificial Intelligent Techniques title is changed as Artificial Intelligent Techniques & Applications. In each unit include specific applications.

UNIT II: Applications: ANN based PWM controller-Selected Harmonic elimination

UNITIV: Fuzzy based Induction motor speed control

UNIT V: GA based optimisation of controller (P-PI-PD-PID) gains

2. Add specific applications in each unit of "DSP Processors & FPGA" (MTEE203).

3. Add various electronic controllers used in industries in the course "Industrial Electronics" (MTEE1061). The PE converters for Heating & Welding process should be added in the content of Unit-V.

4. Add Power electronic contents to the course of "Reactive Power Management" (MTEE1051). Add bidirectional flow, integration issues and islanding issues. The title of course is to be changed as "Reactive power for Power Electronics".

5. The contents of Unit-I and Unit-III need to be refined with useful content for PE students in the course "Computational Mathematics" (MTEE104).

6. "Reliability Systems Engineering" is not required for Power Electronics specialization students.

7. Add power electronic converter controllers in "Control of Motor Drives-I and II" courses.

8. Add harmonic mitigation techniques in the course "Power Quality".

#### Suggestions:


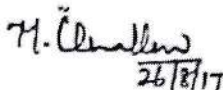



- For UG and PG complete examination system is to be changed
- External Evaluation for Labs, Projects, etc. can be done by the local faculty only.
- Spot Centre-Evaluation can be double valuation by local people. If there is a difference of set value, then it can be sent for third valuation.
- Tutorial hours need not be mandatory for all courses.
- Academic schedule (Time table) should not be tight, there should be free time for students to enable self learning.
- Where ever possible industry experts may be invited to cover part of the core courses (10-20%).
- Educate students/Faculty about the library resources available in the institute.
- Student/Faculty must be encouraged to use Lab/Library facilities beyond the working hours.
- Identify the research areas of interest and form the research groups in the department and arrange monthly meeting of research groups for discussions
- Faculty should be motivated to submit research proposals to various funding agencies
- EEE department may take initiative and workout the replacement of existing lighting systems with LEDS.
- EEE department may plan for a National level Conference once in every two years.
- There should be a differentiation in credits between the Core and Elective courses.
- No. of contact hours should be based on the no. of credits.
- Department may offer more than one elective course based on student interest.

M. Challa

2017-18  
**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting held on 26<sup>th</sup> August 2017.**  
**for M.Tech (PED) Program**

**Members Present:**

External BoS Members	Signature	Internal BoS Members	Signature
Dr. M.Sydulu		Dr. M.Uma Vani	
Dr. Y.Kishore Babu		Mr. J.Sivavara Prasad	
		Mr. P. Deepak Reddy	

1. Approved Program Educational Objectives (PEOs) and Program Outcome (POs) statements.
2. Approved Course structure and regulations of M.Tech (PE&D) R-17 as per CBCS.
3. Approved M.Tech Course Outcomes, course contents etc for core, program and open elective courses as per OBE system.
4. Methodologies for innovative teaching and evaluation process.
5. Improvement in research component in the areas of current interest.
6. Change of M.Tech program (Specialization title) is suggested in view of advancements taking place in the areas of Power and Energy sectors.
7. Suggested value added courses for enhancement of employability.

**Note: Details of discussions and deliberations are enclosed as Annexure.**



**Annexure (detailed minutes of BOS meeting)**

EEE Department ( DAB and DAC) proposed course structure for R17 M.Tech (PED) program & detailed course contents are discussed at length in the BOS committee (with External and Internal members) meeting held on **26-08-2017 from 9:30 a.m** onwards in the EEE Seminar Hall. Following modification are suggested:

Consolidated suggestions of R17 M.Tech (PED) BOS committee members on curriculum and course contents.

**1. Course title changes:**

- i) 17 PE 16 changed as “Advanced Micro Processors and Micro Controllers”
- ii) 17 PE 17 Changed as “Integration of Renewable Sources”
- iii) 17 PE 18 Changed as “Micro and Smart Grids”
- iv) 17 PE 21 Changed as “Applications of Artificial Intelligence Techniques”.

**2. Course Swapings:**

- i) 17 PE O8 & 17 PE 12 are Swapped.
- ii) 17 PE 15 is swaped with 17 PE 21

**3. Course content changes:**

- i) **17 PE 01** – Combine units 1 & 2 as a single unit with title as “Controlled Rectifiers” (with less emphasis on 1- $\phi$  and more on 3- $\phi$  Unit – II: Chopper Controlled Rectifiers (heading suggested & contents accordingly)  
Unit – III : **Add 3- $\phi$  cyclo – converter contents.**
- ii) **17 PE 02** – **In unit – 5, add the contents of unit – 1 of (CMD-II)**
- iii) 17 PE 03 – Units 2 & 3 to be combined as a single unit – II  
Unit – 4 : Dynamic Optimization  
Unit – 5 : Meta Heuristic / Evolutionary Optimization Techniques (content to be placed accordingly)

**Note:** **At the end of each unit, quote specific applications**

- iv) **17 PE 04** : **Unit – I – add advancements in HVDC systems**  
**Unit – V – add, IPFC**
- v) **17 PE 05** : a) **Units – 1 & 2 : Add PE Components which help in reduction of energy consumption.**  
b) Remaining three units to be re-organised with the existing contents (five units) with more emphasis to Power Electronics.

- vi) 17 PE 60 – Experiments with S.No. 3 & 6 to be moved to 17 PE 62
- vii) 17 PE 10 – In Unit-I: Direct Torque Control of Induction Motor Drive – Title (and add content according to the modified title)
- viii) 17 PE 11 – Change Unit – 4 title as “PQ Monitoring and Mitigation”.  
- Add PQ mitigation techniques with PE orientation in Unit – 4
- ix) 17 PE 13 – Reframe the contents (Units – 1 to 5) with PE orientation (eg: wind station application, reactive Power Support).
- x) 17 PE 14 – Unit -4 DSP based implementation to Power Converters contents to be modified w.r.t. e – books.
- xi) 17 PE 15 – Unit – 3 Modify contents referring to latest text book (S.No. 1,2) with PE orientation.
- xii) 17 PE 16 – Units 1 & 2 combine: Review of 8086 processors followed by advanced processors like 8088, 80386, 80486, Pentium (block diagrams, instructions, addressing modes etc.)  
- Old Unit – 3, 4, 5 to be made as Units 2,3,4.  
- Unit – 5 : Applications (Processors and Controllers)
- xiii) 17 EE 62 – Re arrange the experiments of PCD – I & II Labs with suggested modifications (From PCD – I to II – 2 expts, From PCD – II to I – 1 expts.)
- xiv) 17 PE 91 – Unit – 2: Add 1 GCT and send GTO to Unit – 3.  
- Unit – 5 add commercially available power semi-conductor devices and their ratings.
- xv) 17 PE 17 – Units 1 & 2 to be elaborated into 4 units (by removing fuel cells & micro grids )  
- Unit – 5 : to be retained
- xvi) 17 PE 18 – Units 1 & 2 : Micro grids  
- Units 3,4,5 : Smart Grid (include AMI in one of the units smart meter etc.)  
- In Units 1 to 5, include available integration technologies.
- xvii) 17 PE 19: Unite – IV: add bullet train related topics  
Unite – V : Hyper loop controls etc.
- xviii) 17 PE 21: Unit – 1 : ANN & its specific applications (1 or 2)  
Unit – 2 : Fuzzy & its specific applications (1 or 2)

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING  
DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

**Minutes of the BOS meeting Held on 18<sup>th</sup> June 2019.**  
**FOR PG Program**

1. Course structure, list of core courses and program elective courses for R-20 PG programs of EEE department. -Discussed/Suggested.
2. Stakeholder feedback on curriculum -Discussed/Suggested.
3. Blending Learning for teaching learning process- Discussed/Suggested
4. Improvement in research component in the areas of current interest- Discussed/Suggested.

**Note:** Detailed resolutions are enclosed as **Annexure-II**.

**Members Present:**

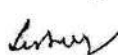
**External BoS Members**

Dr. S.Siva Naga Raju

Dr. Y.S.Kishore Babu

Mr. T.Sai Babu

**Signature**



**Internal BoS Members**

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

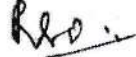
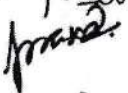
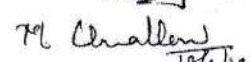
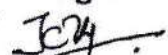
Dr. P.Sobha Rani

Dr K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

**Signature**



**Annexure-II: Minutes of BoS meeting for M.Tech (Power Electronics & Drives) held on 18-06-2019.**

The course structure of **M.Tech (Power Electronics & Drives)** program of R20- regulation is approved as per AICTE model curriculum with the following program core and program elective courses:

**Core 1:** Power Electronic Converters

**Core 2:** Control of Motor Drives-I

**Program Electives-I & II**

1. Power Quality
2. Optimization Techniques in Electrical Engineering
3. Machine Modelling and Analysis
4. Custom Power Devices
5. Advanced Power Semiconductor Devices & their protection
6. Modeling & Simulation of Power Electronic Systems

**Core 3:** Switched Mode Power Converters

**Core 4:** Control of Motor Drives-II

**Program Electives-III & IV**

1. Hybrid Electrical Vehicles
2. DSP & FPGA Controllers
3. Advanced Microprocessors & Microcontrollers
4. Electro Magnetic Interference and Compatibility
5. PLC and Automation
6. Advanced Control Systems

**Program Electives-V**

1. HVDC Systems
2. Digital Control Systems
3. Wind Energy Conversion Technologies

**Note:** It is decided to provide "Internship" course in III Sem in place of "Open Elective" course.

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of the BOS meeting Held on 7<sup>th</sup> Dec 2019.**

**FOR PG Program**

**Members Present:**

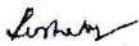
**External BoS Members**

Dr. S.Sivanaga Raju

Dr Y.S.Kishore Babu

Mr T.Sesha Sai Babu

**Signature**



**Internal BoS Members**

Dr. M.S.Giridhar

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

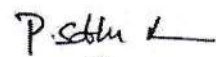

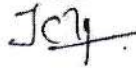
Dr. P. Sobha Rani

Dr.K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

**Signature**



1. Finalization of course structure for PG Program (PED) under R 20 regulation- Suggested & Approved
2. List of Core & Elective courses, Open Electives of R20 course structure- Suggested & Approved
3. Stake holder's feedback-Discussed
4. Research and consultancy works to be taken up by EEE Department - Discussed
5. Academic activities (FDP / Certification programs, etc.)- Discussed

**Note:** Detailed resolutions are enclosed as Annexure-II.



**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

New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Phone: 08659-222933/Extn: 203

[hodees@lbrce.ac.in](mailto:hodees@lbrce.ac.in), [ee@lbrce@gmail.com](mailto:ee@lbrce@gmail.com)

**Annexure-II: Minutes of BoS meeting for M.Tech (Power Electronics & Drives) held on 07-12-2019.**

The course structure of M.Tech (Power Electronics & Drives) program of R20- regulation is approved as per AICTE model curriculum with the following program core, program elective and open elective courses:

**Program Core 1: Analysis Of Power Converters**

**Program Core 2: Control of Motor Drives-I**

**Program Electives-I**

1. Power Quality
2. FACTS
3. HVDC Systems

**Program Electives-II**

1. Modern Control Theory
2. Artificial Intelligent Techniques & Applications
3. **Meta Heuristics Optimization Techniques**

**Program Core 3: Switched Mode Power Converters**

**Program Core 4: Control of Motor Drives-II**

**Program Electives-III**

1. Machine Modelling and Analysis
2. **Emerging Trends in Power Converter Technologies**
3. **Micro and Smart Grid Technologies**

**Program Electives- IV**

1. Hybrid Electrical Vehicles
2. **Wind Energy Conversion Technologies**
3. Electro Magnetic Interference and Compatibility

**Program Electives-V**

1. DSP & FPGA Controllers
2. Advanced Microprocessors & Microcontrollers
3. Advanced Power Semiconductor Devices & their protection

**Open Elective**

1. Industrial Safety
2. Operations Research

**Note:**

- It is suggested to give three courses in each program elective separately instead of giving pool of six courses under two program electives.

Head of the Department  
Dept. of Electrical and Electronics Engg.  
Lakireddy Bali Reddy College of En.  
Mylavaram-521230, Krishna Dt, A.P.

**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS**  
**ENGINEERING**

**Minutes of BOS Online meeting Held on 2<sup>nd</sup> July 2020.**  
**FOR PG Program**

**Members Present:**

**External BoS Members**

Dr. S.Sivanaga Raju

Dr Y.S.Kishore Babu

Mr T.Sesha Sai Babu

**Internal BoS Members**

Dr. M.S.Giridhar

Dr. K.Harinadha Reddy

Dr. M.Uma Vani

Dr. P. Sobha Rani

Dr.K.R.L.Prasad

Dr.G.Nageswara Rao

Dr.J.Sivavara Prasad

**Signature**

*[Signature]*

*[Signature]*

*Ab -*

*P. Sobha Rani*

*[Signature]*

*[Signature]*

*[Signature]*

1. Finalization of course structure for PG Program (PED) under R20 regulation- Suggested/Approved
2. Course content (syllabus) of semesters I-II for PG under R20 Regulation along with Course Outcomes (COs)- Discussed/Suggested
3. List of Core & Elective courses, Open Electives of R20 course structure- Suggested/Approved
4. Stake holder's feedback-Suggested/Approved
5. Research and consultancy works to be taken up by EEE Department - Discussed/Suggested

**Note:** Detailed resolutions are enclosed as Annexure-II.



**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

New Delhi & Certified by ISO 9001:2015, <http://www.lbrce.ac.in>

**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Phone: 08659-222933/Extn: 203

[hodeee@lbrce.ac.in](mailto:hodeee@lbrce.ac.in), [ee.lbrce@gmail.com](mailto:ee.lbrce@gmail.com)

**Minutes of meeting held on 02/07/2020**

**M.Tech (PED)**

- The course structure of M.Tech (Power Electronics & Drives) program of R20-regulation is approved as per AICTE model curriculum with the following program core, program elective and open elective courses:

**Program Core 1: Analysis Of Power Converters**

**Program Core 2: Control of Motor Drives-I**

**Program Electives-I**

1. Power Quality
2. FACTS
3. HVDC Systems

**Program Electives-II**

1. Modern Control Theory
2. Artificial Intelligent Techniques & Applications
3. Meta Heuristics Optimization Techniques

**Program Core 3: Switched Mode Power Converters**

**Program Core 4: Control of Motor Drives-II**

**Program Electives-III**

1. Machine Modelling and Analysis
2. **Emerging Trends in Power Converter Technologies**
3. Micro and Smart Grid Technologies

**Program Electives- IV**

1. Hybrid Electrical Vehicles
2. **Wind Energy Conversion Technologies**
3. Electro Magnetic Interference and Compatibility

**Program Electives-V**

1. DSP & FPGA Controllers
2. Advanced Microprocessors & Microcontrollers
3. Advanced Power Semiconductor Devices & their protection

**Open Electives**

1. Industrial Safety
2. Operations Research



- Add the Modular Multilevel Converter (MMC) in the last unit of “**Analysis of Power Converters**” course.
- Add the Bimal K.Bose book in the reference list of “**Control of Motor Drives-I**” course.
- Write the relevant topics as prerequisite instead of mentioning complete course titles.
- Remove underscores in the second unit of “**Power Quality**” Course.
- In the 5<sup>th</sup> unit of “**Power Quality**” Course, remove the wiring and grounding topics or add the grounding issues related to Power Quality problems.
- Remove the applications topic in the 3<sup>rd</sup> unit of “**FACTS**” course.
- Add 12 pulse converters in the 2<sup>nd</sup> unit of “**HVDC**” course.
- Modify the Conversion in the unit titles of 1 and 2 with Converters in the course of “**Switched Mode Power Conversion**”.
- Add soft starters in any of the drive course.
- Add v/f control of induction motor drive experiment in “**Simulation of Power Converters & Drives- I Lab**” course.
- Add SVPWM technique for controlling induction motor drive as an experiment in addition to SVPWM technique in “**Simulation of Power Converters & Drives- I Lab**” course.
- Make unit 5 as DFIG in the “**Wind Energy Conversion Technologies**” course and add on shore and off shore related topics.

  
 HEAD OF THE DEPARTMENT

# Department of ECE

Minutes of the BOS meeting held on 07/05/16. 15




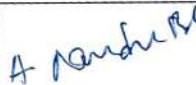








The BOS meeting started at 11:00 AM on 07/05/16 in ECE department. The members have discussed and approved various points as mentioned below.

- The Proposed course structure as well as detailed syllabus for M.Tech (VLSI & Embedded system) was thoroughly discussed and approved.
- The Programme specific outcomes (PSOs) as well as Programme outcomes (POs) finalized by department academic committee were put before the meeting and approved.
- The members of BOS were informed about the modified course outcomes for RII as well as RII regulations and discussed the same.
- The computation process for CO as well as PO attainment finalized by college advisory Board (CAB) has also been discussed and finalized.
- The meeting has also discussed the due weightages to be given to CO as well as PO attainments.
- It was finalized that for CO attainment 60% of external + 40% internal is the weightage for RII regulations while it is 50% external + 40% mid examination + 10% assignments.
- The PO attainment is computed by allocating 100%, 67% and 33% of CO attainment for strong, moderate and light contributions.
- The DAC approved course as well as Program articulation matrices were thoroughly reviewed.
- The members were told about the BOS chairman that here onwards the quality of the question papers will be reviewed by the module coordinators.
- List of examiners for Theory / Lab / Project viva-voce examinations was discussed and approved.

HEAD  
Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
VILAVARAM, Krishna Dt., Andhra Pradesh

## BOARD OF STUDIES (BOS)

07-05-2016

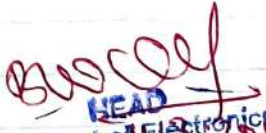
S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof. B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr. Narasimha Sarma NVS Professor in ECE	National Institute of Tech., Warangal - 506004, A.P, E-Mail : <a href="mailto:sarma@nitw.ac.in">sarma@nitw.ac.in</a> Phone No. : +91-9490165344	University Nominee (JNTUK)	
3.	Prof.S. Srinivas Kumar Professor in ECE	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: <a href="mailto:samay_ssk2@yahoo.com">samay_ssk2@yahoo.com</a> Mobile: 9440144987	External Member Subject Expert	
4.	Dr.A.Narendra Babu Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
5.	Dr. S.V.Jagadeesh Chandra Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
6.	Dr.K.Naga Prakash Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr. E.V.Krishna Rao Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr. M. Suman Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Mr. M.K.Linga Murthy	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Mr. L. Srinivasa Reddy	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Department of ECE

Minutes of the BOS meeting held on 04-03-2017. <sup>17</sup>












The meeting began with a main objective to finalize the R-17 regulations course structures. The members have discussed and approved various points as mentioned below.

- (1) Various Program electives as well as open electives to be offered in the programme were discussed and finalized
- (2) The meeting discussed about the add on courses to be included in the curriculum and finalized
- (3) A thorough discussion on the inclusion of audit and mandatory courses has been done and the courses were finalized
- (4) The Panel of examiners for Project work adjudication as well as department laboratory courses is scrutinized and finalized
- (5) The Panel of Paper setters for all department theory courses and Paper valuers for spot and external evaluation was scrutinized and finalized.
- (6) The detailed syllabus course structure was discussed & finalized
- (7) The detailed syllabus of B.Tech I to IV semesters for R-17 regulations was finalized along with relevant course outcomes.
- (8) It is Proposed to introduce add on courses while discussing about the curriculum for m.Tech (VLSI & ES)
- (9) By opting the add on courses, the student can omit Program Elective - I & II in III semester.
- (10) To cope up with the latest developments, advanced courses are added as Program Electives
- (11) The course structure of the m.Tech (VLSI & ES) under R-17 regulations is discussed and approved.
- (12) The syllabus for the m.Tech (VLSI & ES) programme was also discussed and finalized.

  
B. S. Reddy  
HEAD  
Department of Electronics & Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
AVARAM, Krishna Dt., Andhra Pradesh

## BOARD OF STUDIES (BOS)

04.03.2017

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof.B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.S.Srinivas Kumar Professor of ECE and Director (R&D)	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: samay_ssk2@yahoo.com Mobile: 9440144987	University Nominee Subject Expert	
3.	Dr. N.V.S.N.Sarma Professor of ECE Dean (Academics)	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Sri.B.Ravi Kumar Deputy General Manager BSNL, Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	
5.	Ms.T.Maha Laksmi Asst. Professor	PVPSIT, Vijayawada Email ID: dasari.maha@yahoo.com Mobile: 9441266701	Alumni	
6.	Dr.E.V.Krishna Rao Professor of ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
7.	Dr.G.Srinivasa Rao Professor of ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr. J. Babu Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.S.V.Jagadeesh Chandra Professor in ECE	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	AB
12.	Mr.T.Anil Raju Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	

# Department of ECE

Minutes of the BOS meeting held on 03.02.2018<sup>19</sup>

The BOS meeting started at 9 AM on 03/02/18 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The detailed syllabus for B.Tech II to III semesters for R-17 regulations has been discussed and finalized.
2. After elaborate discussion, it is decided to go for R-18 regulations.
3. Several suggestions were given regarding additions & deletions to be made in R-18 regulations.
4. In systems & signal processing laboratory course, it is advised to incorporate experiments on either SDR kits / or on any other DSP kits.
5. Electronic measurements & instrumentation, which is an add-on course in R-17 regulations must be made a core course as suggested.
6. It is advised to move linear control systems in VI semester to IV semester in R-18 regulations.
7. The course OOPS through JAVA must be renamed as object oriented programming.
8. It was mentioned that the open electives offered must be an extension of one another.
9. Analog and digital communication which is an open elective, must be added with latest developments in cellular technology.
10. The syllabus of another open elective, systems & signal processing should also be reduced, as suggested.
11. It was advised to see the possibility of introducing Digital TV Technology as either a core course or as an elective.
12. It is suggested to include at least one unit on video processing in Digital Image Processing course.

13. It was suggested to introduce deep learning in neural networks & Fuzzy logic course.
14. Computer organization and architecture can be renamed as computer architecture and organization, as follows.
15. It is advised to evaluate new Parameters in laboratory courses than restricting to old Practice.
16. In addition to above recommendations, it is mentioned to refer only standard books as Text books for core courses.
17. However, for open elective courses, books with Indian authors should be referred to reduce the burden on the students.
18. Few suggestions were also given regarding swapping of Text books to reference books and vice versa.
19. The members also have gone through the P. G syllabus for M.Tech (CS/IT) and satisfied with existing content.

*PAVANEY*  
3.2.2018  
**HEAD**  
Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

BOS Meeting held on 31<sup>st</sup> Feb 2018

18

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Prof.B.Ramesh Reddy Professor & HOD	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.S.Srinivas Kumar Professor of ECE and Director (R&D)	JNTUK,Kakinada - 533 003, Andhra Pradesh, India Email ID: samay_ssk2@yahoo.com Mobile: 9440144987	University Nominee Subject Expert	—
3.	Dr. N.V.S.N.Sarma Professor of ECE Dean (Academics)	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Dr A. Subbarami Reddy Principal	Gokula Krishna College of Engineering Sullurupeta, Nellore Dist, AP Email ID: skitprincipal@gmail.com Mobile: 9441990530	External Member Subject Expert	
5.	Sri.B.Ravi Kumar Deputy General Manager BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	
6.	Ms.T.Maha Laksmi Asst. Professor	PVPSIT, Vijayawada Email ID: dasari.maha@yahoo.com Mobile: 9441266701	Alumni	
7.	Dr.E.V.Krishna Rao Professor of ECE & Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.J.Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr. S.V. Jagadeesh Chandra Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.G.Srinivasa Rao Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr.M.Madhavi Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
17.	Mr. Y.Amar Babu Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
18.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
19.	Mr. T.Anil Raju Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	



# Dept. of ECE

Minutes of the BOS meeting held on 15.12.18 29

The BOS meeting started at 9:30 AM on 15.12.2018 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The PO, PSO attainments for 2016-18 were verified and approved
2. The co attainments obtained for the academic year 2017-18 were verified and approved
3. It was felt that an expert from core industry can also be included BOS
4. The university nominee suggested that all surveys should be conducted online
5. It was felt that - courses corresponding to Basic & Engineering sciences should be more in the curriculum. If it is not possible to include as regular course, the same can be incorporated through MOOCs
6. The alumni information can be collected by searching in the LinkedIn, as suggested
7. Open electives offered by other departments need not be included in the curriculum books as pointed out
8. It was suggested to carry out tutorials effectively by solving model problems in the class and asking similar problems to be solved by the students
9. The possibility of generating revenue through LabVIEW, can be sought as advised
10. It was suggested to encourage monthly wise student activities through Professional bodies
11. It was pointed out that even though ICT based teaching is good, it is not replacement for the conventional chalk & talk teaching
12. It was suggested to effectively utilize the existing prototypes for existing prototypes for extending

the applications in the process of

screening engineering

13. It was suggested to allow seed money given by the institution as miscellaneous charges needed for applying to projects and relevant presentation.

14. The members were informed that stakeholders views were also considered by DAC.



HEAD

Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

2018-19

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.Y.Amar Babu, Professor & HOD,	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.A.M.Prasad, Professor of ECE	University College of Engineering, JNTUK, Kakinada. E-Mail : a_malli65@jntucek.ac.in Phone No:9963993504	University Nominee	
3.	Dr. N.V.S.N.Sarma Professor, Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	Not attended
4.	Dr.P.Srihari Rao, Associate Professor , Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : patri@nitw.ac.in Phone No. 8702462439,9441342324	External Member Subject Expert	Not attended
5.	Sri.B.Ravi Kumar, General Manager, BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	Not attended
6.	Mr.B.Anil Kumar, Department of ECE.	KL University, Vijayawada Email ID: anilbudati@gmail.com Mobile: 9985054084	Alumni	Not attended
7.	Dr.E.V.Krishna Rao Professor ,Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Prof.B.Ramesh Reddy Professor & IQAC In Charge	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.J.Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr. S.V. Jagadeesh Chandra Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.G.Srinivasa Rao Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
15.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
16.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
17.	Mr. G.L.N.Murthy Associate Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
18.	Mr. T.Anil Raju Associate Professor	LBR College of Engineering, Mylavaram-521 230	Internal Member	

13.06.19

The BOS meeting started at 10 AM on 13.06.2019 in HOD's chamber. The members have discussed and approved various points as mentioned below.

1. The course structure for R-20 regulations (Proposed) was discussed. It was mentioned that in view of the AICTE model curriculum, the number of core courses need to be reduced.
2. The members opined that as the number of core courses are to be reduced, few courses need to be merged or shifted to either Program Electives or open Electives.
3. The possibility of introducing elective courses in from fourth semester onwards was discussed.
4. However, it was felt that the courses that are mandatory for the B.Tech ECE Program are to be first discussed and finalized and later can be thought of the placing a course in a given semester.
5. All the members were informed about the recommendations given by NBA expert committee during their visit.
6. The members felt that process of Co-PO-PSO mapping should be streamlined to have an effective Co-PO-PSO articulation matrix.
7. The members opined that R & D activities in the department should be further improved resulting in quality publications & funded projects increased in number.
8. The calendar of events for A.Y. 2019-20 was discussed and approved.

9. The members were told about the Process that was followed for defining the targets for CO-PO-PSO attainments for 2019-20 odd sem
10. The list of Examiners/Papersetters for A.Y. 2019-20 was discussed and approved
11. The methodology for incorporating ICT tools was also discussed. This is in view of making the student learn in the absence of faculty member
12. The format for self appraisal form A.Y. 2019-20 was discussed
13. The Parameters for identifying the best Projects were discussed. It was felt that the external Examiner should be asked to comment on the quality of Projects
14. The members were informed that Stakeholders Views were considered by DTC while framing the structure as well as syllabus.







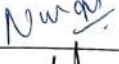



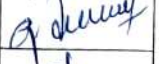



HEAD

Department of Electronics &  
Communication Engineering  
Lakireddy Bali Reddy College of Engineering  
MYLAVARAM, Krishna Dt., Andhra Pradesh

2019-20

**BOARD OF STUDIES (BOS)**

S.No.	Name & Designation	Address	Position in BOS	Signature
1.	Dr.Y.Amar Babu, Professor & HOD,	LBR College of Engineering Mylavaram-521 230	Chairman	
2.	Dr.A.M.Prasad, Professor of ECE	University College of Engineering, JNTUK, Kakinada. E-Mail : a_malli65@jntucek.ac.in Phone No:9963993504	University Nominee	Not attended
3.	Dr. N.V.S.N.Sarma, Director	Indian Institute of Information Technology , Trichy. E-Mail : sarma@nitw.ac.in Phone No. 9490165361, 9849639262	External Member Subject Expert	
4.	Dr.P.Srihari Rao, Associate Professor , Department of ECE	National Institute of Technology, Warangal - 506004, A.P, INDIA E-Mail : patri@nitw.ac.in Phone No. ,9441342324	External Member Subject Expert	
5.	Sri.B.Ravi Kumar, General Manager, BSNL,Vijayawada	BSNL, Vijayawada E-Mail : rkbunga@gmail.com Mobile: 9440000675	External Member Industry	Not attended
6.	Mr.B.Anil Kumar, Associate Professor, Department of ECE.	Vignana Bharathi Institute of Technology (Autonomous), Hyderabad Email ID: anilbudati@gmail.com Mobile: 9985054084	Alumni	
7.	Dr.E.V.Krishna Rao Professor ,Dean of Academics	LBR College of Engineering Mylavaram-521 230	Internal Member	
8.	Prof.B.Ramesh Reddy Professor & IQAC In Charge	LBR College of Engineering Mylavaram-521 230	Internal Member	
9.	Dr.A.Narendra Babu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
10.	Dr.Y.S.V.Raman Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
11.	Dr.M.Venkata Sudhakar Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
12.	Dr.P.Lachi Reddy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
13.	Dr.G.Srinivasulu Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	
14.	Dr. G.L.N.Murthy Professor	LBR College of Engineering Mylavaram-521 230	Internal Member	



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

The **Minutes of BOS meeting** held on 18-08-2017 in the Department of Mechanical Engineering. **Venue: 3GO8**

#### Members of BoS:

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation
1	Chairman	<b>Dr.S.Pichi Reddy, Professor &amp; Head</b> Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.
2	University Nominee	<b>Dr.B.Bala Krishna, Vice Principal and Professor</b> Department of Mechanical Engineering, University College of Engineering, JNTUK, Kakinada.
3	Subject Expert (Academic)	<b>Dr. A.VenuGopal, Professor</b> Department of Mechanical Engineering, NITW, Warangal
4	Subject Expert (Academic)	<b>Dr.M.R.Ch.Sastry, Professor and Head</b> Department of Mechanical Engineering, GEC,Gudlavalleru
5	Internal faculty	Dr.P.V.ChandraSekhara Rao
6	Internal faculty	Dr.P.Vijay Kumar, Professor
7	Internal faculty	Dr.P.Ravindra Kumar, Professor
8	Internal faculty	Dr.K.Dilip Kumar, Associate Professor
9	Internal faculty	Dr.M.Pulla Rao, Assoc. Professor
10	Internal faculty	Dr.K.Murahari, Assoc. Professor
11	Internal faculty	Mr.B.Chaitanya
12	Internal faculty	Mr.J.Subba Reddy
13	Internal faculty	Mr.V.DhanaRaju, Sr.Asst. Professor



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

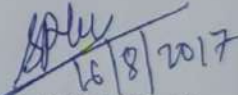
*DEPARTMENT OF MECHANICAL ENGINEERING*

Date: 16-08-2017

The Board of Studies (BoS) meeting of the Mechanical Engineering Department is scheduled to convene on 18-08-2017 at 10.30 AM to discuss the following agenda points.

### Agenda Points for BOS meeting

- (1) R-17 Course Structure- PG (Thermal Engineering)
- (2) Syllabi of the M.Tech courses.
- (3) CEO and COs of M.Tech R-17 Courses
- (4) CO-PO Articulation Matrix
- (5) Any other matter with the permission of chair

  
16/8/2017

Dr.S.Pichi Reddy

HOD-Chairman, BOS



## Minutes of BoS Meeting Held on 18-08-2017

### 1) R-17 M.Tech (Thermal Engineering) course structure and the syllabus.

- In the second semester for the course Renewable Energy Technology offer the Renewable Energy Technology lab also.
- The syllabus for the course Computational fluid dynamics should be modified
- The students may be sent to do their internship in industries or R&D units
- Include the course Fuels combustion and environment in the course structure.
- offer the course Energy conservation and management
- If you want include pollution, name the course as Internal combustion engines and pollution

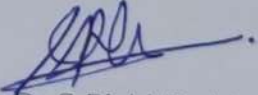
### 2) CEO and CO's of R-17 M.Tech Courses

- BOS members have given necessary inputs to write the statements of CEO and CO for the R-17 courses.
- Try to modify the CEO statement. It should not be written in paragraph. It should be crispy and reflect the meaning of the course.
- The CO statements should be meaningful and measurable and it should start with apt action verb.

### 3) CO-PO Articulation Matrix

- Care should be taken while mapping CO with PO giving proper weightages.
- It is not mandatory to map COs with all POs
- Try to include PSO since P.G is a specialized programme

The BoS chairman expressed sincere thanks for all the members for attending the meeting and for providing valuable suggestions. The meeting concluded at 12.30 PM

  
Dr.S.Pichi Reddy

HOD-Chairman, BOS

Dr.S.Pichi Reddy, the Chairman, Board of Studies, Department of Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, suggestions, consideration and approval.

### Agenda

S. No	Item of Agenda	Decision of BOS
1	Finalization of course structure for M. Tech Program under R-17 regulations.	Approved with minor modifications.
2	Detailed discussion on course content (syllabus) of semester I-IV under R-17 Regulations	Approved with minor modifications.
3	Discussion on CEO and CO statements of courses	Approved with minor modifications.
4	CO-PO articulation Matrix	Approved with minor modifications.
5	Any other matter with the permission of chair	Seminars by students

- The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

  
Dr.S.Pichi Reddy

HOD-Chairman, BOS

- The Chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

### Members Present

S.No	Name of the Faculty	Designation	Members	Signature
1	Dr.S.Pichi Reddy	Professor & HOD,	BOS chairman	
2	Dr.A.Venu Gopal	Professor, NITW Warangal	Member	
3	Dr.B.Balakrishna	Professor & Vice Principal JNTUK, Kakinada	Member	
4	Dr.M.R.Ch. Sastry	Professor & HOD GEC, Gudlavalleru	Member	
5	Dr.P.Vijay Kumar	Professor	Member	
6	Dr.P.V.Chandra Sekhar Rao	Professor	Member	
7	Dr.P.Ravindr Kumar	Professor	Member	
8	Dr.K.Dilip Kumar	Assoc.Professor	Member	
9	Dr.K.Murahari	Assoc.Professor	Member	
10	Dr.M.Pulla Rao	Assoc.Professor	Member	
11	Mr.B.Chaitanya	Assoc.Professor	Member	
12	Mr.J.Subba Reddy	Assoc.Professor	Member	
13	Mr.V.Dhana Raju	Sr.Asst.Professor	Member	

Dr. S. Pichi Reddy



Chairman, BOS



## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

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

Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi

<http://www.lbrce.ac.in>

### Department of Mechanical Engineering

The **Minutes of BOS Virtual meeting** held on 16-07-2020 in Microsoft Teams Platform for P.G. M.Tech-Thermal Engineering R-20 regulations.

#### Members of BoS:

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation
1	Chairman	<b>Dr.S.Pichi Reddy, Professor &amp; Head</b> Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram - 521 230 Krishna District.
2	University Nominee	<b>Dr.A.Gopalakrishna, Professor</b> Department of Mechanical Engineering, University College of Engineering, JNTUK, Kakinada.
3	Subject Expert (Academic)	<b>Dr. A.VenuGopal, Professor</b> Department of Mechanical Engineering, NITW, Warangal
4	Subject Expert (Academic)	<b>Dr.A.V.S.S.K.Gupta, Professor and Head</b> Department of Mechanical Engineering, University College of Engineering, JNTUH, Hyderabad.
5	Industry Expert	<b>Dr.D.Yogananda Reddy, Scientist-E</b> RCL, DRDO, Hyderabad.
6	Internal faculty	Dr.P.Vijay Kumar, Professor
7	Internal faculty	Dr.P.Ravindra Kumar, Professor
8	Internal faculty	Dr.K.Dilip Kumar, Professor
9	Internal faculty	Dr.V.DhanaRaju, AssociateProfessor
10	Internal faculty	Dr.N.SunilNaik, AssociateProfessor
11	Internal faculty	Mr.A.Naresh Kumar, Sr.Asst. Professor



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

*DEPARTMENT OF MECHANICAL ENGINEERING*

Date: 14-07-2020

The Board of Studies (BoS) meeting of the Mechanical Engineering Department in virtual mode through Microsoft Teams is scheduled on 16-07-2020 at 02.30 PM to discuss the following agenda points.

## Agenda Points for BOS meeting

- (1) R-20 Course Structure- PG (Thermal Engineering)
- (2) Syllabi of the M.Tech courses.
- (3) CEO and COs of M.Tech R-20 Courses
- (4) Any other matter with the permission of chair

Dr.S.Pichi Reddy

HOD-Chairman, BOS

### Minutes of BoS Meeting Held on 16-07-2020

1) R-20 M.Tech (Thermal Engineering) course structure and the syllabus.

- In the second semester- PC- Design of Solar and Wind Energy Systems can be renamed as Renewable Energy Technology.
- The mini project can be renamed as mini project with seminar to include the seminar term in the course structure.
- The Advanced Heat and Mass Transfer syllabus is similar to B.Tech apart from 5<sup>th</sup> unit. It is requested to include 2D concepts and finite different methods.
- In Turbo machinery subject, include steam turbines instead of nozzles.
- In Advanced Fluid Mechanics, replace the laminar flow with the viscous flow.
- Disaster Management- verify whether it is mandatory for all the branches.
- In hybrid electric vehicles, it is recommended to include photovoltaic cells and fuel cell based hybrid vehicles.
- Rename the Refrigeration and Air-conditioning as Refrigeration and Cryogenics.

2) CEO and CO's of R-20 M.Tech Courses

- BOS members have given necessary inputs to write the statements of CEO and CO for the R-20 courses.
- The CEO statement should be crispy and reflect the meaning of the course.
- The CO statements should be measurable and it should not be too lengthy.

The BoS chairman expressed sincere thanks for all the members for attending the meeting and for providing valuable suggestions. The meeting concluded at 5.00 PM

  
Dr.S.Pichi Reddy

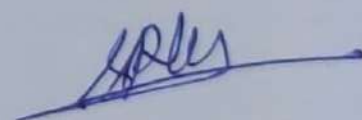
HOD-Chairman, BOS

Dr.S.Pichi Reddy, the Chairman, Board of Studies, Department of Mechanical Engineering welcomed the members to the meeting and presented the items of the agenda as cited below for discussion, suggestions, consideration and approval.

### Agenda

S. No	Item of Agenda	Decision of BOS
1	Finalization of course structure for M. Tech Program under R-20 regulations.	Approved with minor modifications.
2	Detailed discussion on course content (syllabus) of semester I-IV under R-20 Regulations	Approved with minor modifications.
3	Discussion on CEO and CO statements of courses	Approved with minor modifications.
4	Any other matter with the permission of chair	Seminars by students

- The chairman, BOS thanked all the members for their active participation, constructive suggestions and encouragement.

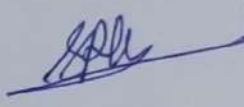
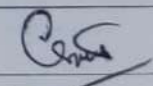
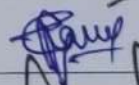
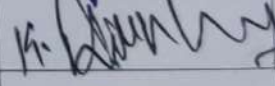
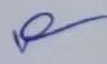
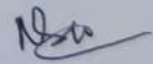
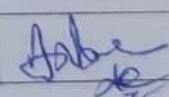



Dr.S.Pichi Reddy

HOD-Chairman, BOS

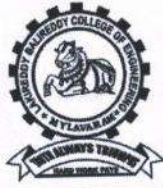
The **Minutes of BOS Virtual meeting** held on 16-07-2020 in Microsoft Teams Platform for P.G. M.Tech-Thermal Engineering R-20 regulations.

**Members of BoS Present:**

S.No	Name, Designation of the Member, Affiliation	BOS Members	Signature
1	<b>Dr.S.Pichi Reddy, Professor &amp; Head</b> Department of Mechanical Engineering LBR College of Engineering, (Autonomous) Mylavaram – 521 230 Krishna District.	Chairman	
2	<b>Dr.A.Gopalakrishna, Professor</b> Department of Mechanical Engineering, University College of Engineering, JNTUK, Kakinada.	University Nominee	Online
3	<b>Dr.A.VenuGopal, Professor</b> Department of Mechanical Engineering, NITW, Warangal	Subject Expert (Academic)	Online
4	<b>Dr.A.V.S.S.K.Gupta, Professor and Head</b> Department of Mechanical Engineering, University College of Engineering, JNTUH, Hyderabad.	Subject Expert (Academic)	Online
5	<b>Dr.D.Yogananda Reddy, Scientist-E</b> RCL, DRDO, Hyderabad.	Industry Expert	Online
6	Dr.P.Vijay Kumar, Professor	Internal faculty	
7	Dr.P.Ravindra Kumar, Professor	Internal faculty	
8	Dr.K.Dilip Kumar, Professor	Internal faculty	
9	Dr.V.Dhana Raju, Associate Professor	Internal faculty	
10	Dr.N.Sunil Naik, Associate Professor	Internal faculty	
11	Mr.A.Naresh Kumar, Sr.Asst. Professor	Internal faculty	

Dr.S.Pichi Reddy  
  
HOD-Chairman, BOS





## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

Approved by AICET, New Delhi. Accredited by NBA & Certified by ISO 9001:2008

<http://www.lbrce.ac.in>, [cselbreddy@gmail.com](mailto:cselbreddy@gmail.com), Phone: 08659-222933, Fax: 08659-222931

### DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 07-05-2016

#### BOS MINUTES

1. Modifications of the mission and vision statement were appropriate and satisfactory
2. The program outcomes as defined by NBA and program specific outcomes as defined by the department academic committee are reflecting the objectives of the B.Tech. Computer Science Engineering in total and are approved.
3. The course outcomes incorporating all the modifications suggested by the members of the BOS are approved.
4. The modifications suggested to the syllabus of the following subjects are approved.
  - i) Big data for M.Tech. Computer Science and Engineering.
  - ii) Big data Lab for M.Tech. Computer Science and Engineering.
  - iii) Parallel algorithms for B.Tech. Computer Science and Engineering for R14 Regulation.

The syllabi along with the course outcomes are approved.

5. The weightage for CO attainments of R11 and R14 are also approved.
6. The CO-PO correlation weightages are according to the norms followed in reputed institutions like NITs and are approved.
7. The computation of CO-PO attainment is according to the guidelines given by the NBA and hence are approved.
8. The BOS in principle approves the proposal of appointing a committee to monitor and evaluate with quality of question paper for internal examination.

The members of the committee can be as proposed by the departmental academic committee, however the BOS feels that one coordinator for each semester needs to be appointed to ensure timely completion of this exercise.

9. The threshold value of 60% for CO attainment is reasonable and is approved.
10. The BOS approves the panel of examiner proposed by the department academic council for conducting external examination.
11. The members of BOS here by make a recommendation to the college academic council of LBRCE that the evaluation of answer scripts of the end semester examination may be done in the institution itself instead of sending answer scripts outside. The evaluation can also be carried out by the faculty members of the institution and the faculty members from other institution. What percentage of the subjects are to be evaluated by the internal faculty and what percentage of the subjects are evaluated by the external faculty may be decided by the college academic council.
12. The BOS approves the minutes of the department academic council.

**EXTERNAL MEMBERS**

S.No	Name of the Member	Designation	College Name / Industry Name	Status	Signature
1	Dr.D.V.L.N .Somayajulu	Professor of CSE	NIT, Warangal	University Nominee	ABSENT
2	Dr.N.B. Venkateswarlu	Professor of CSE	AITAM College of Engg., Tekkali.	College Nominee	N.B. Venkateswarlu
3	Dr.T.Ramesh	Professor of CSE	NIT, Warangal Director, I/C NIT- Tadepalligudem	College Nominee	ABSENT
4	Dr.P.Radha Krishna	Principal Research Scientist,	Infosys labs, Infosys ltd, Hyderabad	Industry Representative	ABSENT
5	Dr.K.P.Supreethi	Asst.Professor	JNTUH, Hyderabad	Special Invitee	Supreethi K.P
6	V. Bobby Kiran	Student	LBRCE Mylavaram	Alumni	Bobby Kiran

**INTERNAL MEMBERS**

S.No	Name of the Member	Designation	Signature
1	Dr.N.Ravi Shankar	HOD of CSE Dept. , BOS Chairman	[Signature]
2	Dr.R.Chandra Sekharam	Dean, School of Computing, Member	[Signature]
3	Dr.Ch. Venkata Narayana	Professor, Member	[Signature]
4	Mr.G.Nageswara Rao	Assoc. Professor, Member	[Signature]
5	Mr.G.V.Suresh	Assoc. Professor, Member	[Signature]
6	Mr.D.Veeraiah	Assoc. Professor, Member	[Signature]



Date:09-12-2019

**Minutes of Board of Studies (BOS) Meeting – 07-12-2019**

Chairman, BoS extended a warm and hearty welcome to all the Hon'ble members of BoS. He expressed sincere thanks to them for conveying their willingness to be on the Board of Studies. He conveyed regards to all the members for their valuable suggestions, advises, guidelines and concern towards overall development of the department. Further, he requested them to guide the department to reach greater academic position by their wisdom.

He has placed the agenda of items of the meeting for consideration, suggestions, and approval to all the members of BoS. Few constructive recommendations / comments were given by Hon'ble Members. The HoD expressed his happiness for such fruitful discussions and excellent guidance being offered by all the Hon'ble members.

With reference to each agenda item, proceedings of Board of Studies meeting are given below:  
Items placed in the present meeting.

**1. Finalization of course structure for B. Tech program under R20 regulations.**

- External Members appreciated the efforts of the department & college in preparing the R20 UG course structure.
- **BoS has recommended**
  - To reduce the Open-Elective course credits (from 15 to 9) and increase the professional core course credits. These open electives are open across all the departments including host department with minimum of 30 students and maximum of 240 per course are allowed.
  - To emphasize more on practical by increasing the lab hours i.e from 2 hours to 3 hours and credits from 1.0 to 1.5 for core courses so that the students get expertise in the programming.
  - To change the some of the course names and their offering semester.
  - To pursuing any foreign language certification by students is their choice and it should not be a credit course or not even a mandatory course.
  - To add few new courses under Professional Electives.
- **With the above modifications / recommendations course structure was approved.**

## 2. Detailed discussion on UG course content (syllabus) of semesters I-IV under R20 Regulations along with Course Outcomes (COs).

After a lengthy discussion on course contents, the following suggestions were given by Hon'ble members.

- i. Tools to be added to draw the flow charts such as Raptor tool and to prepare short videos in IT work shop course.
- ii. Problem statement should be added in every unit to justify the title problem solving using 'C'.
- iii. Include A to D and D to A Converters in DLD course.
- iv. Include set theory concepts in DMS course.
- v. Introduce the multicore architecture concepts in COA course.
- vi. Case study on UNIX.
- vii. Experiments in the lab syllabus should not be specific to avoid the copying.
- viii. Delete ARIES Algorithm in Unit-IV of DBMS course. Include Weak entity and relationships concepts in Unit-II. Swap Unit-IV and Unit -V.

## 3. Finalization of course structure for M. Tech Program under R20 regulation.

### • BoS has recommended

- To include Mathematical Foundation of Computer Science(MFCS) course by removing the one of the professional elective in I-Sem.
- To Swap Machine Learning course and Big Data Analytics course.
- Approved professional elective courses.
  - Advanced Database Management Systems
  - Digital Image Processing
  - Advanced Operating System
  - Advanced Computer Networks
  - Internet of Things
  - Object Oriented Software Engineering

- With the above modifications / recommendations course structure was approved.

## 4. Discussion and approval of Open electives offered for B. Tech Programme under R20 regulations.

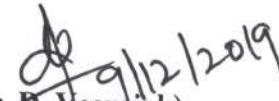
- BoS suggested to offer one core course in the open elective to give the option to the student for selection of either core or non-core course.

## 5. Discussion on Minor Degree concept for B. Tech Program under R20 regulations

- BoS felts that clear distinction is required between Open elective and Minor degree courses and will be discussed after getting approval from university.

## 6. Any other matter with permission of chair




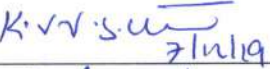







- Stake holder's feedback of A.Y:2018-19 were discussed and approved in the meeting and the changes are incorporated in R20 regulations.

  
(Dr. D. Veeraiyah)  
HoD & Chairman-BoS



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
Accredited by NAAC & NBA (Under Tier - I) and ISO 9001:2015 Certified Institution  
Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada  
L.B.REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.  
<http://www.lbrce.ac.in>, [cse@lbrce.ac.in](mailto:cse@lbrce.ac.in), Phone: 08659-222933, Fax: 08659-222931  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**Members Present:**

S.No	BOS Hierarchy	Name, Designation of the Member, Affiliation	Signature with Date
1	Chairman	Dr.D. Veeraiah Professor & HoD, LBR College of Engineering Mylavaram.	 21/12/19
2	University Nominee	Dr. K. Sahadevaiah, Professor & HoD, Department of CSE, JNTUK, Kakinada.	NOT PRESENT
3	Subject Expert (Academic)	Dr.D.V.L.N. Somayajulu, Professor(HAG), Director, IIITD&M, Kurnool.	NOT PRESENT
4	Subject Expert (Academic)	Dr. P. Sreenivasa Kumar Professor, Department of CSE, IITM, Chennai.	 21/12
5	Subject Expert (Academic)	Dr.G. Rammohana Reddy, Professor(HAG)& HoD Department of IT, NITK Surathkal.	 07/12/2019
6	Subject Expert (Industry)	Murthy KVVS Associate Consultant, TCS, Hyderabad	 21/12/19
7	Alumni	Y. Yaswanth Sr.Software Engineer, FTD India	 21/12/19
8	Internal Member	Dr. R. Chandra Sekharam Professor & Dean	NOT PRESENT
9	Internal Member	Dr.Ch.V. Narayana Professor	
10	Internal Member	Dr. O. Ramadevi Professor	 21/12/19
11	Internal Member	Dr.M. Srinivasa Rao Professor	 21/12
12	Internal Member	Dr. D. Jagan Mohan Reddy Assoc. Professor	
13	Internal Member	Mr.G.V. Suresh Assoc. Professor	
14	Internal Member	Mr.L.V. Krishna Rao Sr.Asst.Professor	

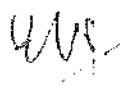
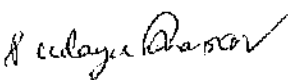
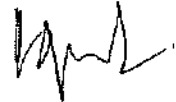
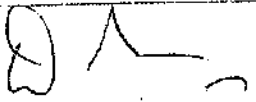
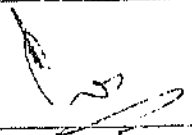
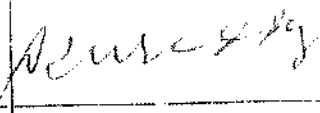
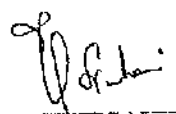
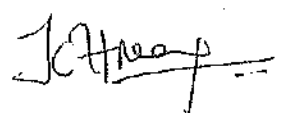
**LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
L.B.Reddy Nagar, Mylavaram - 521 230. Andhra Pradesh, INDIA

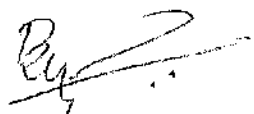
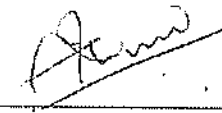
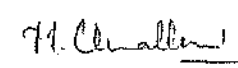




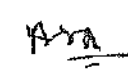

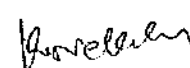
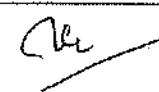

**ANNEXURE - I**

**MINUTES OF FOURTH MEETING OF THE COLLEGE ACADEMIC COUNCIL HELD ON**

**27-04-2015**

**Members Present:**

S.NO	Name of the CAC Member	Designation	Signature
1.	Dr.E.V.Prasad, Director, LBRCE	Chairman	
2.	Dr.P.Uday Bhaskar Director, Academic Planning, JNTUK	Member	
3.	Dr. Ch. Saibabu Director, Evaluation, JNTUK	Member	-
4.	Dr. V. Ramachandra Raju Director, Center of excellence and e- resource development and deployment	Member	
5.	Sri.D.Rama Krishna Electronics Systems Ltd, Vijayawada	Member	
6.	Sri M.L.N.Rao General Manager BSNL, Vijayawada	Member	-
7.	Sri A. Govinda Rao Managing Director, APHMEL, Kondapalli	Member	
8.	Dr.Uday Bahskur Venkupati General Manager Enterprise Architectures, Wipro Technologies	Member	-
9.	Sri.J.Sannamaiti CE, VTPS, Kondapalli	Member	-
10.	Dr.N.R.M.Reddy Principal, LBRCE	Member	
11.	Dr.V.Sri Hari Dean - Student welfare, HOD/MBA LBRCE	Member	
12.	Dr.R.Harinadha Reddy Controller of Examinations LBRCE	Member	

13.	Dr.B. Vijay Babu HOD/CSE LBRCE	Member	
14.	Dr. N. Ravi Shankar HOD/IT LBRCE	Member	
15.	Dr. M. Umavani HOD/EEE LBRCE	Member	
16.	Dr.K.Apparao HOD/Mechanical Engineering LBRCE	Member	
17.	Prof. B. Ramesh Reddy HOD/ECE LBRCE	Member	
18.	Sri.R.Anjaneyulu Naik HOD/EIE LBRCE	Member	
19.	Dr.P.Lovaraju HOD/AE LBRCE	Member	
20.	Dr. P.V.Chandrasekhar Rao Professor of Mechanical Engineering LBRCE	Member	
21.	Prof. I. Rajendra Kumar HOD/MCA LBRCE	Member	I. Rajendra kumar
22.	Dr.A.Ramireddy HOD/S&H LBRCE	Member	
23.	Dr.K.Naga Prakash Professor of ECE LBRCE	Member	
24.	Dr. V.Rama Krishna HOD / CE LBRCE	Member	
25.	Prof.P.Bhupal Reddy Dean (Evaluation), LBRCE	Member - Secretary	

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING



L.B.Reddy Nagar, Mylavaram – 521 230. Andhra Pradesh, INDIA  
Affiliated to JNTUK, Kakinada & Approved by AICTE New Delhi  
Accredited by NBA, New Delhi & certified by ISO 9001:2008  
<http://www.lbrce.ac.in>

Date: 30.04.2015

## MINUTES OF SIXTH MEETING OF COLLEGE ACADEMIC COUNCIL (CAC) HELD ON 27-04-2015

The Director of the college and Chairman of CAC greeted and extended a warm and hearty welcome to all the members and placed the items of the agenda for discussion and guidance as below.

1. Confirmation of the minutes of 5<sup>th</sup> meeting of CAC held by circulation in August 2014.

**Decision:** In view of the non-receipt of the advices/corrections/objections from the members on the minutes of the V meeting of CAC held by circulation in August 2014, the minutes of the above meeting are deemed to have been confirmed.

2. Review of actions taken on the minutes of 5<sup>th</sup> meeting CAC held by circulation in August 2014.

S.No	Item No. of 5 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	3 (i)	It is resolved to accept the recommendations of Boards of Studies of all UG & PG programs in which the moderation procedure is to be decided by a committee duly constituted by the Director with the inclusion of one external member (a Sr.Professor)	The moderation is now applied before the announcement of the results as per the approval accorded by CAC
2	3 (ii) – 3 (xi)	The proceedings of the following Boards of Studies for UG & PG programs is approved for implementation with effect from the A.Y:2014-15. ASE (UG), CE (UG), CSE (UG &PG), ECE (UG &PG), EEE (UG &PG), EIE (UG), IT (UG &PG), ME (UG &PG), MCA (PG) & MBA (PG)	The curriculum and the regulations as approved by CAC for all UG &PG programs is implemented from the A.Y:2014-15
3	3 (xii)	The CAC approved the introduction of challenge valuation in the college from the A.Y: 2014-15 in accordance with JNTUK regulations.	The notification for the introduction of the challenge valuation system in the college is issued for the information of students.

**Decision:** The CAC reviewed the ATR on the minutes of V meeting of CAC and approved the same.

3. Items presented in this meeting for consideration, approval, ratification and information.

(i) The CAC in its 3<sup>rd</sup> meeting held on 15-10-2013 resolved that the question papers for all the subjects of UG & PG programs in the college be set by the senior faculty working in OU, AU, JNTU (K, A & H), KU, IIT etc. It is observed that quite a few question papers contain missing data, mistakes and out of syllabus questions. It is difficult to change/ re set such question papers. They also do not conform to the Blooms Taxonomy. To avoid these problems it is proposed to create the question banks for all subjects of UG & PG



- (v) As suggested in the meeting of the Principals and members of Academic councils of Autonomous colleges held in JNTUK campus on 16-04-2015 to adopt the CHOICE BASED CREDIT SYSTEM (CBCS) for all programs in the respective colleges after thorough evaluation and review of the faculty resources, infrastructure and library available, it is proposed to set up an internal committee for this purpose and to submit a report for the adoption of the new system in the college. The report of this committee with all details will be placed before the Academic council for kind perusal and review. The matter is placed before CAC for kind information.

**Decision:** The introduction of choice based credit system from the academic year 2015-16 is discussed at length in the meeting. It is resolved to offer more number of electives of open/ inter disciplinary nature to start with and to organize the class work subject wise. The list of all subjects in the pool of electives be displayed in the notice board and for the information of the students.

- (vi) In order to co-ordinate the activities of the students (curricular and extra-curricular) effectively, it is proposed to create the post of DEAN (students welfare) in the college and to nominate a Sr. Professor to this post. The matter is placed before the CAC for kind consideration and approval.

**Decision:** The creation of post of Dean (Student Welfare) is approved. The director is authorized to nominate/ appoint a suitable professor to the post.

- (vii) In order to organize/coordinate the academic activities in the departments of Computer Science & Engineering, Information Technology and Master of Computer Applications (PG), it is proposed to create the post of Dean (Computer Science) and to nominate/appoint a Sr. Professor to the post.

**Decision:** The creation of post of Dean (Computer Science) is approved. The director is authorized to nominate/ appoint a suitable professor to the post.

- (viii) In order to prepare/regulate/monitor the course curriculum and regulations for all UG and PG programs in the college, it is proposed to create a post of Dean (Academics) in the college and to nominate/appoint a suitable professor to the post.

**Decision:** The creation of post of Dean (Academics) is approved. The director is authorized to nominate/ appoint a suitable professor to the post.

- (ix) An advertisement is given in 'THE HINDU' on 01-04-2015 inviting the applications from the eligible candidates to the posts of Assistant Professor, Associate Professor & Professor in various departments of the college. The interviews are scheduled to be conducted with subject experts invited from JNTUK, Kakinada/other universities during the last week of April and first week of May 2015.

The director presented in the meeting details of faculty to be recruited cadre wise and department wise with the subject experts from JNTUK/other universities as follows.

S.No	Dept.	Strength required as per AICTE norms			Existing Faculty strength			Faculty to be recruited		
		P	Assoc. P	Asst.P	P	Assoc. P	Asst.P	P	ASSOC. P	Asst.P
1	CSE	4	7	21	3	4	18	1	3	3
2	IT	2	4	11	2	1	12	0	3	1
3	EEE	4	7	21	3	3	19	1	5	2
4	ME	4	7	21	6	4	19	0	2	1
5	ECE	4	8	34	5	9	18	0	0	14

### 3. Post Examination Management:

#### Scope:

- i) Publishing of results with minimal human intervention
- ii) Preparation of Marks list, transcript and Pass certificate
- iii) Physical certificate printing with advanced security features by TCS
- iv) Maintenance of online database of student records with provision of e- verification.

**Decision:** The CAC noted the above MOU and approved the TCS ION platform for pre-cum-post examination management system.

- (xiii) The results of B.Tech. I/III/V/VII Sem. examinations is conducted in Nov/Dec 2014 are placed before CAC for kind information.

**Decision:** The CAC noted the results of B.Tech I/III/V/VII semester examinations conducted in November/December 2014.

- (xiv) The campus placement details of outgoing students of 2015 B.Tech and MBA/MCA are placed before CAC for kind information.

**Decision:** The CAC noted the details of campus placements of 2015 out going students of B.Tech/MBA/MCA. The CAC observed that the percentage of placements in ECE/ME/ASE are not satisfactory and suggested that all steps be taken to improve the placement percentage.

- (xv) Any other item with the permission of chair- The following matters were taken up for discussion and implementation.

(1) The Director requested the CAC to approve the PEOs and POs for all programs in the college for NBA work and the house accepted and approved the same.

(2) The Honourable external member Sri.D. Ramakrishna of EFFTRONICS-Vijayawada suggested the following steps.

(a) The concepts of IOT,BIG Data, Analytics, and Industry LO be developed in the students.

(b) The concepts of smart devices be introduced.

(c) The habit of design thinking must be inculcated amongst students.

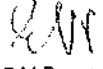
(d) Awareness with regards to social media entering in a Bigway in all activities be created amongst students.

(3) The Honourable members from JNTUK, Dr.P.Uday Bhasker and Dr.V.Ramachandra Raju insisted that the following provisions must be made in the regulations of UG and PG programs with immediate effect.

(a) Introduction of MOOCS courses and Gap-Year schemes.

(b) To make provision for establishment of incubation centers in the college and to extend benefit of 20% attendance and 5% marks to the students engaged in startup groups.

The Director and the Chairmen of CAC expressed his sincere thanks to all the Honourable members of JNTUK and Industry in particular and all others in general for attending the meeting and contributing to Academic growth of the institution.

  
(Dr.E.V.Prasad)  
DIRECTOR

Date: 30-04-2015



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous),  
MYLAVARAM

Emergency meeting of College Academic Council being held on

13-07-2015

AGENDA

Item No1.

**Sub:** Proposal for relaxation of credits for promotion to III year B.Tech – I Sem and IV year B.Tech. – I Sem & Implementation of R-14 regulations to R-10 & R-11 batches students with regards to eligibility for promotion.

As per the regulations governing the B.Tech. course for promotion to III year B.Tech.-I Sem and IV year B.Tech I-Sem, the candidates are required to acquire a minimum of 50% of credits upto II B.Tech. II Sem and III B.Tech. II sem respectively. The R-10 & R-11 batch students are at present in III & IV year B.Tech classes and are the vanishing the batches. In order to benefit such students, it is proposed to recommend the implementation of R-14 regulations to them also from this A.Y:2015-16 onwards. The list of students who secured less than 50 % of credits upto II year B.Tech. II semester and III B.Tech II semester is placed before the CAC for kind information and consideration for promotion in accordance with R-14 regulations.

Item No2.

**Sub:** Scope for improvement of IA performance- reg

It is observed that the students who secured the IA marks in theory subjects less than 10 marks out of maximum of 25 marks are finding extremely difficult to pass in the theory subjects in external examinations, many times in spite of passing in the external examinations. In order to benefit such students, it is proposed to create scope for improvement of the IA performance. Hence the matter is placed before CAC for kind perusal and approval.

  
DIRECTOR

Sha  
toda  
1 mes

Sai B  
Reply  
To: "lt  
Cc: K  
<drvn  
"pvc7  
<p\_ur

De

I re  
go

Itc  
For  
stu  
of  
ca  
Ser

For  
stu  
of  
ca  
Ser

Th  
JN  
are  
pe

Itc  
Im  
PC  
of  
ac  
be

I r  
cc

Re  
Di  
Pr



**LAKIREDDY BALU REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
 L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
 Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
 Accredited by NBA, Accredited by NAAC with "A" Grade & ISO 9001: 2008 Certified

**SEVENTH MEETING OF COLLEGE ACADEMIC COUNCIL (CAC) TO BE ON 03-07-2016**

**Agenda**

1. Confirmation of the minutes of 6<sup>th</sup> meeting of CAC held on 27-04-2015 and emergency meeting of CAC held on 13-7-2015.
2. Review of actions taken (ATR) on the minutes of 6<sup>th</sup> meeting CAC held on 27-04-2015 and emergency meeting held on 13-7-2015.

1. **ATR on the minutes of 6<sup>th</sup> meeting of CAC.**

S.No	Item No. of 6 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	3(i)- Creation of question bank	The proposal for creating the question bank for all subjects of UG and PG programs conforming to Blooms taxonomy is approved.	Creation of question bank is in process now.
2	3(ii)-Award of next higher class when CGPA falls short by 0.02 on 4-point scale	This proposal is deferred in the meeting	-----
3	3(iii)-Double valuation system for all PG programs	This proposal is approved for all PG programs in the college.	This is being adopted for all PG programs from the A.Y; 2016-17.
4	3(iv)-Consideration of performance of students II B.Tech (II Sem) & III B.Tech (II Sem) for promotion to next higher classes	This proposal is approved	The eligibility criteria for promotion to III year I sem and IV year I semester as approved is already implemented.
5	3(v)- Introduction of CBCS for all programs	The proposal for the introduction of CBCS system from the A.Y: 2015-16 for all the programs is approved by offering more number of electives of open/interdisciplinary nature to start with.	Implemented
6	3(vi)-Creation of post DEAN Student welfare	Approved	A senior professor will be nominated to the post.
7	3(vii)-Creation of post of DEAN Computer Sciences	Approved	Dr.R.Chandrasekharam, Sr. Professor in CSE is nominated to the post of DEAN Computer Sciences.
8	3(viii)-Creation of DEAN Academics	Approved	A senior professor will be nominated to the post.
9	3(xi)-Recruitment of faculty through the advertisement dated 01-4-2015	Approved	----
10	3(x)- Institution of Merit scholarships by Sri. Lakireddy Prasad Reddy, Member of LBRCT	Approved	The merit scholarships to the meritorious students in various classes of various programs are disbursed by the Chairman of the college

			on 8 <sup>th</sup> July 2015
11	3(xi)- Award of next higher class when CGPA falls short by 0.02 on 10-point scale	This proposal is deferred in the meeting	-----
12	3(xii)- Implementation of TCSiON platform	Approved	It is in process.
13	3(xiii)-Result of B.Tech (I, III, V & VIII) held in Nov/Dec 2014	Noted	---
14	3(xiv)- Campus placements of 2015 outgoing students of B.Tech/MBA/MCA programs	Noted	----
15	The other matters discussed with the permission of the chair		
	(i) Approval of PEOs and Pos for all UG programs	Approved	---
	(ii) Introduction of MOOCs and Gap year schemes	Approved	MOOCs courses already introduced at VII semester level in all B.Tech programs. The Gap year scheme facility is extended to one student for in plant training

## II. ATR of emergency meeting held on 11-07-2015

S.No	Item No. of 6 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	Implementation of R14 regulation( 40% credits) to R10 and R11 batch (50% credits) students to decide their eligibility for promotion to III year B.Tech I semester and IV year B.Tech I semester.	This item is deferred	-----
2	Scope for improvement of IA performance	This item is deferred	-----

### 3. Items presented in this meeting held by circulation for information, consideration, ratification and approval

(i) The college submitted the application to NBA for accreditation of 5 UG programs (CSE, IT, EEE, ME and ECE) under Tier-I scheme on 13 May 2015. The NBA team visited the college on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> August 2015 for inspection. The NBA issued notification according accredited status for 2 years for three programmes namely, EEE, ECE and ME on 01-11-2015. The college is submitting the application to NBA for accreditation of 3 UG programs (CSE, IT and EIE) under Tier-I scheme in the month of July 2016.  
The UGC has recognized the institution as Centre for Potential Excellence (CPE), one among only 6 engineering colleges in Andhra Pradesh. The matter is placed for kind information of CAC.

(ii) The students admitted under R11 regulations in the A.Y: 2013-14 are now in IV year B.Tech classes. As per the regulations R10 and R11, the students should secure 50% of the credits up to III B.Tech (II Sem) to become eligible for promotion to IV B.Tech(I Sem). There have been many representations from the students for relaxation of the credits for promotion by adopting R14 regulations (40% Credits) to these students. This matter was placed in the emergency meeting of CAC held on 11-07-2015 for kind approval. However this proposal was deferred then. Even, the JNTUK has relaxed the number of credits required for promotion to higher classes from 50% credits to 40% credits this year for the students of their affiliated colleges.

Hence the above matter namely, adoption of the provisions of R14 regulations for promotion to next higher classes for R10 and R11 batch students is once again placed before CAC for kind consideration and approval.

- (iii) The NBA expert team during their visit to the college on 21<sup>st</sup>, 22<sup>nd</sup> and 23<sup>rd</sup> August 2015 made an observation that the internal faculty of the college are totally not involved in examination process (question paper/question bank and evaluation) and Autonomy accorded by UGC is not fully utilized. Hence they suggested the faculty of the college must actively participate in the examination process.

In the light of the above observation of NBA expert team, it is proposed to utilize the services of the senior faculty of the college for creation of Question Banks for the subjects of UG and PG programs to the extent of 50% and the remaining 50% by the senior faculty working in autonomous and other reputed institutions. The matter is placed before CAC for kind consideration and approval.

The answer scripts of all subjects of UG and PG programs of the college are now evaluated by only the external faculty working in Universities and Premier Institutions as approved by the CAC. This process is taking considerable amount of time and causing undue delay in the announcement of results. Hence it is proposed to organize SPOT VALUATION CENTER in the college itself and invite senior faculty working in autonomous and other reputed institutions for evaluation of 50% of the subjects and the remaining 50% of the subjects by the senior faculty of the college as suggested by NBA expert team. Hence the matter is placed before CAC for kind consideration and approval.

- (iv) It is proposed to introduce the third valuation in the theory subjects for the students of UG & PG, if the variation in marks of two evaluations is  $> 20\%$  of total marks.

(a) If the variation in marks of first valuation and revaluation is  $\leq 20\%$  of total marks, then better of two evaluations shall be taken as marks secured by the student in that subject.

(b) If the variation in marks of first valuation and revaluation is  $> 20\%$  of total marks, there shall be third evaluation by another examiner. The average marks of two nearer evaluations shall be taken into consideration. In case of any fractional value of marks, it can be rounded off to the next integer value. If a candidate who has already passed a subject but applies for revaluation for improvement, then even if he/she fails to secure pass marks when average marks of revaluation and III valuation are considered, the candidate shall be declared as passed.

- (v) Change of course structure, syllabus and COs for B.Tech (V, VI and VII Sem.) under R-14 regulations as approved in the BOS meeting held on 07-05-2016. The matter is placed before CAC for kind consideration and approval.

- (vi) It is proposed to adopt the Transitory regulations for the re-admitted students from one regulations to other regulations in B.Tech. The exempted subjects and substitute subjects as decided by the committee are placed before CAC for kind consideration and approval.

- (vii) Scope for improvement of IA performance:

It is observed that the students who secured the IA marks in theory subjects less than 10 out of maximum of 25 are finding extremely difficult to pass the theory subject in external examinations in spite of getting pass mark ( $\geq 30$  M) in the external examinations. In order to favour those students, it is proposed to create scope for improvement of the IA performance (UG & PG) for the following case of:


- the candidate must have completed the course
- must have attempted a subject at least 2 times in external examination (regular or supplementary) of any semester for a maximum of 3 subjects.

The details of such students with IA marks less than 40% (10 marks out of 25) and who have secured 40% (30 marks out of 75) of the marks in

external examinations are placed for kind information, perusal and approval to create scope for such unfortunate students.

- (viii) Consideration of implementation of Choice Based Credit System (CBCS) for the UG and PG courses from the Academic Year 2017-18 in this institution. In this regard the institution has already constituted a committee to look after the CBCS in R-17 regulations. The matter is placed for kind information of CAC.

Date: 25 06 2016

  
DIRECTOR & CHAIRMAN, CAC



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NBA, Accredited by NAAC with "A" Grade & ISO 9001: 2008 Certified

**MINUTES OF SEVENTH MEETING OF THE COLLEGE ACADEMIC COUNCIL HELD ON 03-07-2016**

**Members Present:**

S.No	Name of the CAC Member	Designation	Email ID & Mobile Number	Signature
1	Dr.E.V.Prasad, Director, LBRCE	Chairman	profvprasad@yahoo.com director@lbrce.ac.in 9502277555	
2	Dr. P.Subba Rao Director, Evaluation, JNTUK, Kakinada	Member	srpalivela@gmail.com dejntuk@gmail.com 70939 25555	
3	Dr.K.Padma Raju, Director, Academics & Planning, JNTUK, Kakinada	Member	dapjntuk@gmail.com 96185 22555	
4	Dr. V. Ramachandra Raju Principal, JNTUK, Kakinada	Member	principal_jntucek@yahoo.com drvrr59@gmail.com 89789 98555	
5	Dr.G.V.R.Prasada Raju Registrar JNTUK, Kakinada	Special Invitee	gvrp_raj@yahoo.com registrar@jntuk.edu.in 9618533555	
6	Sri.D.Rama Krishna Efftronics Systems Ltd, Vijayawada	Member	md@efftronics@gmail.com 98490 81177	
7	Sri. S.Rama Krishna APHMEL MD.	Member	ramakrishnarao55@gmail.com 9849489818	-
8	Dr.N.R.M.Reddy Principal, LBRCE	Member	maddireddy.nr@gmail.com principal@lbrce.ac.in 9494222462	
9	Prof.P.Bhupal Reddy Dean, ME, LBRCE	Member	pbr148@gmail.com 9491756881	-
10	Dr. R.Chandra Sekharam Dean, CSE, LBRCE	Member	rscs1948@yahoo.com 8333905825	
11	Dr. N. Ravi Shankar HOD/CSE, LBRCE	Member	ravish00@yahoo.com 8333905792	
12	Dr.D. Naga Raju HOD/IT, LBRCE	Member	dnagaraj_dnr@yahoo.co.in 8333905793	
13	Dr. M. Umavani HOD/EEE, LBRCE	Member	marreddy.umavani@gmail.com 8333905790	
14	Dr.K.Appa Rao HOD/ME, LBRCE	Member	apparaokandimalla@gmail.com 8333905791	
15	Prof. B. Ramesh Reddy HOD/ECE, LBRCE	Member	brrece73@gmail.com 8333905789	
16	Sri.R. Anjaneyulu Naik HOD/EIE, LBRCE	Member	anjuiitmadras@gmail.com 8333905804	
17	Dr.P. Lovaraju HOD/AE, LBRCE	Member	lovaraju@gmail.com 8333905808	
18	Dr. V.Rama Krishna HOD/CE, LBRCE	Member	hodcivil@lbrce.ac.in 9542184356	
19	Prof. I. Rajendra Kumar HOD/MCA, LBRCE	Member	rajendralbrce@gmail.com 8333905806	
20	Dr.A.Adishesha Reddy HOD/MBA, LBRCE	Member	asrappidi@gmail.com 8333905807	
21	Dr.A.Rami Reddy HOD/FED, LBRCE	Member	ram_68@rediffmail.com 8333905810	
22	Dr.K.V.M.Achutaramaiah HOD/CCGT, LBRCE	Member	Achut_kala@yahoo.com 8333905814	
23	Dr.P.V.Chandra Sekhar Rao CoE, LBRCE	Member Secretary	pvc70@rediffmail.com 8333905799	

MI

I  
S.  
1

2

3

4

5

6

7




**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
 Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
 Accredited by NAAC with "A" Grade & ISO 9001: 2008, Certified

**MINUTES OF SEVENTH MEETING OF COLLEGE ACADEMIC COUNCIL HELD ON  
 03-07-2016**

1. Confirmation of the minutes of 6<sup>th</sup> meeting of CAC held on 27-04-2015 and emergency meeting of CAC held on 13-7-2015.

**Decision:** In view of the non receipt of suggestions/corrections/objections from the honorable members of CAC, the minutes of the above meeting are deemed to have been confirmed.

2. Review of actions taken (ATR) on the minutes of 6<sup>th</sup> meeting CAC held on 27-04-2015 and emergency meeting held on 13-7-2015.

**I. ATR on the minutes of 6<sup>th</sup> meeting of CAC.**

S.No	Item No. of 6 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	3(i)- Creation of question bank	The proposal for creating the question bank for all subjects of UG and PG programs conforming to Blooms taxonomy is approved.	Creation of question bank is in process now.
2	3(ii)-Award of next higher class when CGPA falls short by 0.02 on 4-point scale	This proposal is deferred in the meeting	-----
3	3(iii)-Double valuation system for all PG programs	This proposal is approved for all PG programs in the college.	This is being adopted for all PG programs from the A.Y; 2016-17.
4	3(iv)-Consideration of performance of students II B.Tech (II Sem) & III B.Tech (II Sem) for promotion to next higher classes	This proposal is approved	The eligibility criteria for promotion to III year I sem and IV year I semester as approved is already implemented.
5	3(v)- Introduction of CBCS for all programs	The proposal for the introduction of CBCS system from the A.Y: 2015-16 for all the programs is approved by offering more number of electives of open/interdisciplinary nature to start with.	Only MOOCs implemented.
6	3(vi)-Creation of post DEAN Student welfare	Approved	A senior professor will be nominated to the post.
7	3(vii)-Creation of post of DEAN Computer Sciences	Approved	Dr.R.Chandrasekharam, Sr. Professor in CSE is nominated to the post of DEAN Computer

man

My

sat

			Sciences.
8	3(viii)-Creation of DEAN Academics	Approved	A senior professor will be nominated to the post.
9	3(xi)-Recruitment of faculty through the advertisement dated 01-4-2015	Approved	----
10	3(x)- Institution of Merit scholarships by Sri. Lakireddy Prasad Reddy, Member of LBRCT	Approved	The merit scholarships to the meritorious students in various classes of various programs are disbursed by the Chairman of the college on 8 <sup>th</sup> July 2015
11	3(xi)- Award of next higher class when CGPA falls short by 0.02 on 10-point scale	This proposal is deferred in the meeting	-----
12	3(xii)- Implementation of TCSiON platform	Approved	It is in process.
13	3(xiii)-Result of B.Tech (I, III, V & VIII) held in Nov/Dec 2014	Noted	----
14	3(xiv)- Campus placements of 2015 outgoing students of B.Tech/MBA/MCA programs	Noted	----
15	The other matters discussed with the permission of the chair		
	(i) Approval of PEOs and Pos for all UG programs	Approved	----
	(ii) Introduction of MOOCs and Gap year schemes	Approved	MOOCs courses already introduced at VII semester level in all B.Tech programs. The Gap year scheme facility is extended to one student for in plant training

## II. ATR of emergency meeting held on 11-07-2015

S.No	Item No. of 6 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	Implementation of R14 regulation( 40% credits) to R10 and R11 batch (50% credits) students to decide their eligibility for promotion to III year B.Tech I semester and IV year B.Tech I semester.	This item is deferred	----
2	Scope for improvement of IA performance	This item is deferred	----

**Decision:** The CAC reviewed the ATR on the minutes of VI meeting of CAC and approved the same.

working in autonomous and other reputed institutions. The matter is placed before CAC for kind consideration and approval.

The answer scripts of all subjects of UG and PG programs of the college are now evaluated by only the external faculty working in Universities and Premier Institutions as approved by the CAC. This process is taking considerable amount of time and causing undue delay in the announcement of results. Hence it is proposed to organize SPOT VALUATION CENTER in the college itself and invite senior faculty working in autonomous and other reputed institutions for evaluation of 50% of the subjects and the remaining 50% of the subjects by the senior faculty of the college as suggested by NBA expert team. Hence the matter is placed before CAC for kind consideration and approval.

**Decision:** The CAC has approved the request to organize spot valuation center in the institution itself by inviting the external faculty members as subject evaluators and internal senior faculty members as chief examiners.

(iv) It is proposed to introduce the third valuation in the theory subjects for the students of UG & PG, if the variation in marks of two evaluations is  $> 20\%$  of total marks.

(a) If the variation in marks of first valuation and revaluation is  $\leq 20\%$  of total marks, then better of two evaluations shall be taken as marks secured by the student in that subject.

(b) If the variation in marks of first valuation and revaluation is  $> 20\%$  of total marks, there shall be third evaluation by another examiner. The average marks of two nearer evaluations shall be taken into consideration. In case of any fractional value of marks, it can be rounded off to the next integer value. If a candidate gets higher grade in revaluation, the higher grade will be declared as the final grade. If a candidate gets lower grade in revaluation, the original grade will remain.

**Decision:** The CAC has accepted the above proposal of third valuation if the variation in marks of two evaluations is  $> 15\%$  of total marks.

(v) Request to ratify the actions of BOS

\* Change of syllabus, CO's and PEO's for B.Tech. III & IV years.

\* Introduction of new PSO's

\* The mapping of CO's, PEO's and PSO's

\* Panel of examiners for valuation and external examiners.

**Decision:** Approved

(vi) It is proposed to adopt the Transitory regulations for the re-admitted students from one regulations to other regulations in B.Tech. The exempted subjects and substitute subjects as decided by the committee are placed before CAC for kind consideration and approval.

**Decision:** Approved.

(vii)

\* Scope for improvement of IA performance:

It is observed that the students who secured the IA marks in theory subjects less than 10 out of maximum of 25 are finding extremely difficult to pass the theory subject in external examinations in spite of getting pass mark ( $\geq 30$  M) in the external examinations. In order to favour those students, it is proposed to create scope for improvement of the IA performance (UG & PG) for the following case of:

- the candidate must have completed the course
- must have attempted a subject at least 2 times in external examination (regular or supplementary) of any semester for a maximum of 3 subjects.

The details of such students with IA marks less than 40% (10 marks out of 25) and who have secured 40% (30 marks out of 75) of the marks in external examinations are placed for kind information, perusal and approval to create scope for such unfortunate students.

**Decision:** This item is deferred for UG program. However the CAC has suggested to adopt the JNTUK rules in this regard for PG courses only.

\* Further, there are some courses like Seminars, Internship and Comprehensive viva-voce, which are evaluated only internally. There shall be no external examination. So, it is proposed to create scope for Internal assessment once again for the students who fail these subjects internally.

**Decision:** CAC advised the institute to adopt a procedure of assessing these subjects in presence of an external expert now and clear these cases. CAC has suggested to design any course with both internal and external evaluation components to avoid such discrepancies in future.

(viii) Consideration of implementation of Choice Based Credit System (CBCS) for the UG and PG courses from the Academic Year 2017-18 in this institution. In this regard the institution has already constituted a committee to look after the CBCS in R-17 regulations. The matter is placed for kind information of CAC.

**Decision:** Noted.

(ix) The results of B.Tech/M.Tech/MCA/MBA examinations conducted in the A.Y: 2015-16 are placed before CAC for kind consideration.

**Decision:** The CAC noted the results of B.Tech/M.Tech/MCA/MBA examinations conducted in the A.Y: 2015-16.

(x) The details of Campus placements for the students of A.Y: 2015-16 are placed before CAC for kind consideration.

**Decision:** Noted.

(xi) Any other item with the permission of Chair - The following matters were taken up for discussion and implementation.

- It is suggested to go for mock NBA for accreditation of 3 UG programs (CSE, IT and EIE) under Tier-I scheme.

The Director and the Chairman of CAC expressed his sincere thanks to all the honorable members of JNTUK and Industry in particular and all other in general for attending the meeting and contributing to academic growth of the institution.

  
DIRECTOR & CHAIRMAN, CAC

Date: 03-07-2016.



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

EIGHTH MEETING OF COLLEGE ACADEMIC COUNCIL (CAC) BEING HELD ON 28-03-2017

Agenda of 8<sup>th</sup> CAC

1. Confirmation of the minutes of 7<sup>th</sup> meeting of CAC held on 03-07-2016.
2. Review of action taken report (ATR) on the minutes of 7<sup>th</sup> meeting CAC held on 03-07-2016.

ATR on the minutes of 7<sup>th</sup> meeting of CAC.

S. No	Item No. of 7 <sup>th</sup> CAC meeting	CAC decision	Action taken
1	To consider and approve the course structure and syllabus of M.Tech (VLSI & Embedded systems) offered by ECE branch as approved by the BoS.	Approved.	Intake admitted in the A.Y: 2016-17.
2	Request to consider reduction of credits to promote from III year B.Tech to IV year from 50% of credits to 40% credits for the students admitted in A.Y 2013-14.	Approved as one time measurement.	Implemented.
3	Request for spot valuation Centre at LBRCE for both UG and PG programmes.	Approved. Suggested to use services of External as subject valuator & Internal senior faculty as chief examiners.	Implemented.
4	Proposed to introduce the third valuation in the theory subjects for the students of UG & PG. Subject to condition that, variation in marks of two evaluations is > 20% of total	Approved. Recommended i) if variation is >15% of total marks ii) to take the avg. marks of two nearer performances while awarding the grades.	Implemented.
5	Request to ratify the actions of BOS for the following changes in R-14 regulations. * Change of syllabus and CO's for some courses offered in B.Tech. III & IV. * Changes in PEOs of EEE dept. & Introduction of new PSO's for all programmes as recommended by AICTE * Panel of examiners.	Approved.	Implemented
6	Request for approval of transitory regulations for the re-admitted students from one regulations to other regulations in B.Tech. The exempted subjects and substitute subjects for candidate wise presented.	Approved.	Completed and implemented
7	Step for improvement of IA performance	Deferred.	--
8	Consideration of implementation of CBCS from the A.Y:2017-18. a) UG programme b) PG programme	Noted.	a) R-17 for UG is ready for presentation before 8 <sup>th</sup> CAC meeting. b) Committees are formed
9	The results of B.Tech/M.Tech/MCA/MBA examinations conducted in the A.Y: 2015 -16 are placed before CAC for kind information.	Noted	--
10	The details of Campus placements for the students of A.Y: 2015-16 are placed before CAC for kind information.	Noted	--
11	Any other item with the permission of Chair: CAC suggested to go for mock NBA for accreditation of 3 UG programs (CSE, IT and EIE) under Tier-I scheme.	Noted	Mock inspections are to be carried during Apr/May 2017.

3.

(i)  
(i)  
(i)  
4. T  
T  
e  
F  
v  
5. S  
/  
a  
ii  
e  
6. R  
T  
2

E  
M

3. Items presented in this 8<sup>th</sup> CAC meeting for information, consideration, ratification and approval.

- (i) R-17 regulations of B.Tech and course structures.
- (ii) R-17 regulations of M.B.A and course structure.
- (iii) R-17 regulations of M.Tech
- (iv) R-17 regulations of M.C.A.

4. Third valuation-Inclusion of internal senior faculty- request for approval:

The process of third valuation is taking considerable amount of time for the selection of third external evaluator (other than first two) resulting in inordinate delay to announce these results. Hence it is proposed to appoint subject expert among the senior faculty of this institution for third valuation. The matter is placed before CAC for kind consideration and approval.

5. Spot valuation- Inclusion of internal faculty- request for approval:


As per the resolution passed in 7<sup>th</sup> meeting of CAC held on 03-07-2016, the answers scripts of all programmes are valued by the external faculty with internal faculty as the chief examiners in spot valuation. However, as per NBA norms, more internal faculty to be involved in SEE paper evaluation. Approval may kindly be accorded to involve 40% internal component.

6. Results of odd semester of A.Y: 2016-17 for information:

The results of UG and PG programmes of Odd semesters for the examinations held during Nov 2016 to Jan 2017 are presented for kind information.

Any other matter with the permission of chair.

Date: 28-03-2017  
Mylavaram.

  
Director and Chairman of CAC



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

MINUTES OF 8<sup>th</sup> MEETING OF THE COLLEGE ACADEMIC COUNCIL HELD ON 28-03-2017

Members Present:

S.No	Name of the CAC Member	Designation	Email ID & Mobile Number	Signature
1	Dr.E.V.Prasad, Director, LBRCE	Chairman	profevprasad@yahoo.com director@lbrce.ac.in 9502277555	
2	Dr. P. Subba Rao Director, Evaluation, JNTUK, Kakinada	Member	srpalivela@gmail.com dejntuk@gmail.com 70939 25555	
3	Dr.Ch. Satyanarayana, Director, Academics & Planning, JNTUK, Kakinada	Member	dapjntuk@gmail.com chsatanarayana@yahoo.com 9177790000	
4	Dr. S.Siva Nagaraju Director, IIIP & T, JNTUK, Kakinada	Member	srigriri70@yahoo.co.in diiiptjntuk@gmail.com 7032679555	
5	Sri. D. Rama Krishna Efftronics Systems Ltd, Vijayawada	Member	md@efftronics.com 98490 81177	
6	Sri. S. Rama Krishna Rao MD, APHMEI, Kondapalli	Member	ramakrishnarao55@gmail.com 9849489818	
7	Prof. P. Bhupal Reddy Dean, ME, LBRCE	Member	pbr148@gmail.com 9491756881	
8	Dr. R. Chandra Sekharam Dean, CSE, LBRCE	Member	rscs1948@yahoo.com 9440170525	
9	Dr. N. Ravi Shankar HOD/CSE, LBRCE	Member	ravish00@yahoo.com 8333905792	
10	Dr. D. Naga Raju HOD/IT, LBRCE	Member	dnagaraj_dnr@yahoo.co.in 9441176913	
11	Dr. M. Umavani HOD/EEE, LBRCE	Member	marreddy.umavani@gmail.com 9542986377	
12	Dr.K. Appa Rao HOD/ME, LBRCE	Member	apparaokandimalla@gmail.com 9948263890	
13	Prof. B. Ramesh Reddy HOD/ECE, LBRCE	Member	brrce73@gmail.com 9440990927	
14	Sri. R. Anjaneyulu Naik HOD/EIE, LBRCE	Member	anjuitmadras@gmail.com 9885082543	
15	Dr. P. Lovaraju HOD/AE, LBRCE	Member	lovaraju@gmail.com 8790085194	
16	Dr. V. Rama Krishna HOD/CE, LBRCE	Member	hodcivil@lbrce.ac.in 9542184356	
17	Dr. K. Srinivasa Reddy Professor of CE	Member	Sri.kudumula66@gmail.com 9441887287	
18	Prof. I. Rajendra Kumar HOD/MCA, LBRCE	Member	rajendralbrce@gmail.com 9885343645	
19	Dr. A. Adishesha Reddy HOD/MBA, LBRCE	Member	asrappidi@gmail.com 9948038954	
20	Dr. A. Rami Reddy HOD/FED, LBRCE	Member	ram_68@rediffmail.com 9948038973	
21	Dr. K.V.M. Achutaramaiah HOD/CCGT, LBRCE	Member	Achut_kala@yahoo.com 9348030896	
22	Dr.P.V.Chandra Sekhar Rao CoE, LBRCE	Member Secretary	paruchuru70@gmail.com 9391901585	

II.  
(a)

S.  
No

1

\* Inc

b)

S.  
No

1

## II. ITEMS APPROVED - SOUGHT FOR SUBSTANTIATION

*EM*  
20.4.17

(a) Item No.3 of agenda: R17 - B.Tech-CIE weightage -request for reconsideration - Justification submitted

S. No	Item	Comment by CAC	Justification for the Item	Comments and Signatures of CAC members
1	<u>UG (B. Tech)</u>  CIE and SEE ratio of 40 : 60	Approved.  To be justified by an academic audit committee.	<ul style="list-style-type: none"> <li>It is observed that many autonomous colleges have been permitted by their CAC to 40:60 ratio, including recently accredited institutions under JNTUK</li> <li>LBRCE became autonomous in 2010 and completed 3 academic regulations successfully.</li> <li>LBRCE got NBA and NACC accreditations.</li> <li>LBRCE has good IQAC conducts internal audit for students and staff twice in a semester.</li> <li>The CIE component includes 2 internal examinations, 3 online quizzes, Assignments and Attendance.</li> <li>*With weightage to attendance in R10 and R11 the performance of students was found to be better than with R14 (Enclosed results for glance).</li> </ul>	<p>Yes</p> <p><i>Chsn</i></p> <p><i>[Signature]</i></p> <p><i>[Signature]</i></p>

\* Increasing in performance with weightage to attendance- statistics provided in the enclosure.

b) Item No.3 of agenda: R17-B.Tech- Drop of credits -request for reconsideration- Justification submitted

S. No	Item	Comment by CAC	Justification for the Item	Comments and Signatures of CAC members
1	<u>UG (B. Tech)</u>  i. Total credits offered 185 ii. Student for award of degree 176 credits required. iii. Provision to drop courses. Dropping of failed courses who secured 176 credits or more with add-on courses.	<ul style="list-style-type: none"> <li>A course once registered and failed by a student has no alternative but to complete that course for award of the degree. Student shall not be permitted to drop such course.</li> <li>Student shall register for 176 credits and shall secure all 176 credits.</li> </ul>	<ul style="list-style-type: none"> <li>Providing registration for more than the required number of credits for award of degree is necessary in Choice based credit system (CBCS).</li> <li>Accordingly, student may be permitted to register for 176 to 185 credits and best performed 176 credits considered for award of the degree.</li> <li>A student shall be permitted to drop one or more courses (maximum of 3) if he/she acquire additional credits with the same number with add-on courses.</li> <li>Grade card shall reflect acquiring of additional credits through add-on courses and corresponding dropping of maximum of 3 courses even courses that were failed.</li> <li>In the CGC, a failed subjects if any, shall be qualified with a * mark and indicated as compensated with add-on course.</li> </ul>	<p>To be discussed</p> <p><i>[Signature]</i></p> <p>Yes</p> <p><i>Chsn</i></p>

may  
*[Signature]*





LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)  
L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

**Minutes of the 8<sup>th</sup> Meeting of the College Academic Council (CAC) held on 28-03-2017 (in consultation with JNTUK nominees on 20-04-2017)**

1. Confirmation of minutes of the 7<sup>th</sup> meeting of CAC held on 03-07-2016.

**Decision:** In view of the non receipt of suggestions/corrections/objections from the honorable members of CAC, the minutes of the above meeting are deemed to have been confirmed.

2. Review of Action Taken Report (ATR) on the resolutions of the 7<sup>th</sup> CAC meeting held on 03-07-2016.

**ATR on the resolutions of the 7<sup>th</sup> CAC meeting**

S. No	Items	CAC decision	Action taken
1	To consider and approve the course structure and syllabus of M.Tech (VLSI & Embedded systems) offered by the Dept. of ECE as mandated by the BoS.	Approved.	Intake admitted in the A.Y. 2016-17.
2	Request to consider reduction of credits from 50% to 40% for promoting students of B.Tech Programs admitted in A.Y 2013-14 from III year to IV year.	Approved as a one-time measure.	Implemented.
3	Request for Spot Valuation Centre at LBRCE, for both UG and PG programmes.	Approved. Further, suggests using services of External faculty as subject valutors & Internal senior faculty as chief examiners.	Implemented.
4	Proposed to introduce third valuation in theory subjects for students of UG as well as PG, subject to the condition that the variation in marks of two evaluations is > 20% of the total.	Approved. Also, recommends that in case the variation is >15% of the total marks, then the avg. marks of two nearer performances must be taken while awarding the grades.	Implemented.
5	Request to ratify the actions of BOS in respect of the following changes/modifications in R-14 regulations. * Change of Syllabus and COs for some courses, offered in the III & IV years of B.Tech. * Changes in PEOs of the Dept. of EEE & Introduction of new PSOs for all programmes as recommended by AICTE * Panel of examiners.	Approved.	Implemented
6	Request for approval of transitory regulations (from one regulation to another regulation) for re-admitted students in B.Tech programs. A subject-wise list of exemptions and substitutions was presented.	Approved.	Completed and implemented
7	Scope for improvement in IA performance	Deferred.	
8	Consideration of implementation of CBCS from the A.Y:2017-18. a) UG programme b) PG programme	Noted.	a) R-17 for UG is ready for presentation before the 8 <sup>th</sup> CAC meeting. b) Relevant committees formed
9	The results of B.Tech/M.Tech/MCA/MBA examinations conducted in the A.Y: 2015 -16 are placed before the CAC for its perusal.	Noted	--
10	The details of Campus placements for the students of A.Y: 2015-16 are placed before the CAC for its perusal.	Noted	--
11	Any other item with the permission of the Chair: The CAC suggested mock NBA inspections during the proposed accreditation of 3 UG programs (CSE, IT and EIE) under the Tier-I schenic.	Noted	Mock inspections to be carried out during Apr/May 2017.

**Decision:** The CAC reviewed the ATR on the resolutions as contained in the minutes of its 7<sup>th</sup> meeting and approved the same.



3.

D

4.

Dec

Dec

6

Dec

Dat

3. Items included in the agenda of present meeting for information, consideration, ratification and approval.

- R-17 academic regulations of B.Tech, M.Tech, M.B.A and M.C.A.

**Decision:**

- (i) In view of the opinions expressed by the Hon'ble JNTUK members of the CAC, the following points have been deleted / modified in the R-17 regulations of B.Tech Programmes.

R-17 regulations of B.Tech and course structure – The provision made earlier for Re-registration and change of open electives have been deleted in the R-17 regulations. The candidates are required to register for 176 credits and must secure all the credits for the award of B.Tech degree. The R-17 academic regulations are re-drafted accordingly.

- (ii) In view of the opinions expressed by the Hon'ble JNTUK members of the CAC, the following points have been deleted / modified in the R-17 academic regulations of M.Tech, M.B.A & M.C.A. The earlier provisions related to the conduct of supplementary examinations for the above PG programs are deleted in the R-17 academic regulations. The total number of credits for M.Tech programme is increased from 64 to 72 that have been redrafted accordingly.

Since the R-17 academic regulations for B.Tech, M.Tech, M.C.A & M.B.A have been re-drafted as per the opinions expressed by the Hon'ble JNTUK members, such regulations are deemed to have been approved. Further, the course structure for these programmes and the syllabus for the B.Tech, M.Tech, M.B.A and M.C.A programmes are deemed to have been approved as they are recommended by the respective Board of Studies.

4. Third valuation-Inclusion of internal senior faculty- request for approval:

In the process of third valuation, the selection of third external evaluator (other than first two) consumes a considerable amount of time resulting in inordinate delays in announcement of results. Hence, it is proposed to appoint subject experts from amongst senior faculty of this institution for the third valuation. The matter is placed before the CAC for its kind consideration and approval.

**Decision:** Deferred.

5. Spot valuation- Inclusion of internal faculty- request for approval:

As per the resolution passed in the 7<sup>th</sup> meeting of the CAC held on 03-07-2016, the answer scripts of all programmes are valued by external faculty, with internal faculty acting only as chief examiners in spot valuation. However, as per NBA & UGC recommendations, the internal faculty must also be involved in the Semester End Examination evaluation process. Hence, a proposal for consideration of the involvement of internal faculty for evaluation to the extent of 40% is placed before the CAC for its approval.

**Decision:** Approved.


6. The results of the odd semester of A.Y: 2016-17 for information:

The results of the examinations of Odd semesters in UG and PG programmes held during Nov 2016 - Jan 2017 are presented for kind information.

**Decision:** Results noted.

The Chairman of the CAC expressed sincere thanks to all members of the CAC for their active participation and constructive suggestions.

Date: 09-06-2017

  
CHAIRMAN - CAC

PRINCIPAL

Lakireddy Balireddy Collge of Engg.,  
MYLAVARAM - 521 230.



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**  
L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

## 9<sup>th</sup> Academic Council meeting to be held on 17-03-2018

### Agenda

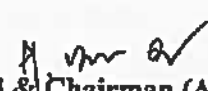
1. Confirmation of the minutes of 8<sup>th</sup> Academic Council meeting held on 28-03-2017.
2. Review of action taken report (ATR) on the minutes of 8<sup>th</sup> Academic Council meeting held on 28-03-2017.

#### ATR on the minutes of 8<sup>th</sup> Academic Council Meeting.

S. No.	Item	Academic Council decision	Action taken
1	R-17 regulations, Course Structure & Syllabi of UG and PG programmes.	Approved	Implemented
2	Third valuation-inclusion of internal senior faculty	Deferred	--
3	Spot valuation- Inclusion of internal faculty (involve 40% internal component).	Approved	Implemented
4	Results of the A.Y: 2016-17	Noted	--

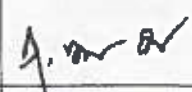
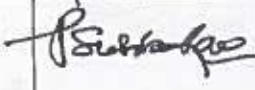
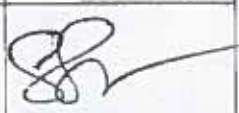
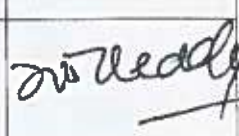
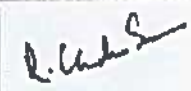

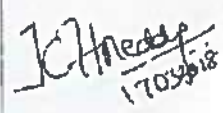
- 3 Items to be presented in this 9<sup>th</sup> Academic Council meeting for information, consideration, ratification and approval.
  - a) To consider and approve the proceedings of BOS of UG regarding syllabi of B.Tech. (V to VIII Semesters).
  - b) To consider and approve the proceedings of BOS of PG regarding syllabi of M.Tech. (III & IV Semesters), MBA (III & IV Semesters) and MCA (III to VI Semesters).
  - c) To approve a fitment formula for transfer of students from R11 Regulations to R14 regulations for their completion of degree.
  - d) Approval of BOS Members
  - e) Review of academic results of the students for the A.Y: 2017-18 (odd semester).
  - f) Review of placements in the A.Y: 2017-18.
  - g) Disbursement of merit scholarships to the students.
  - h) Review of college Accreditation (NAAC & NBA).
  - i) Discussion on AICTE Model Curriculum for the A.Y 2018-19.
  - j) Any other item with the permission of Chair.

Date: 15-03-2018

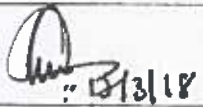
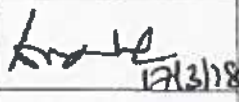


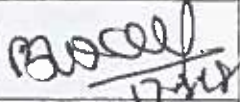

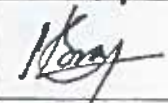

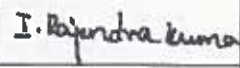



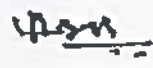
  
Principal & Chairman (Academic Council)

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
(Autonomous)

**MEMBERS OF ACADEMIC COUNCIL**  
(9<sup>th</sup> Academic Council meeting being held on 17-03-2018)

S.No	Academic Council Member	Designation	Email ID & Mobile Number	Signature
1.	Dr.K.Appa Rao Principal, LBRCE	Chairman	apparaokandimalla@gmail.com 9502277555	
2.	Dr. P. Subba Rao Director, Evaluation, JNTUK, Kakinada	University Nominee	srpalivela@gmail.com dejntuk@gmail.com 70939 25555	
3.	Dr.Ch. Satyanarayana, Director, Academics & Planning, JNTUK, Kakinada	University Nominee	dapjntuk@gmail.com chsatyanarayana@yahoo.com 9177790000	Not present
4.	Dr. S.Siva Nagaraju Director, IIP & T, JNTUK, Kakinada	University Nominee	sirigiri70@yahoo.co.in diiiptjntuk@gmail.com 7032679555	
5.	Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)	industriesrk@ymail.com 0866-2518077	
6.	Sri.S.Rama Krishna Rao Managing Director, APHMEL, Kondapalli, Vijayawada	Member (Industry)	ramakrishnarao55@gmail.com 9849489818	Not Present
7.	Arockia Rajan A, Associate Professor, Dept. of Applied Mechanics, IIT-M	Member (Education)	aarajan@iitm.ac.in +91 44 2257 4070	Not present
8.	Mr.S. Sambasiva Reddy, APP, Govt.of Telangana	Member (Law)	9397802777	
9.	Dr.K.Sreenivasa Reddy Vice-Prinicipal, LBRCE	Member (Principal Nominee)	sri.kudumula66@gmail.com 9441887287	u.s. Reddy 17/3
10.	Dr. R. Chandra Sekharam Dean, CSE, LBRCE	Member (Principal Nominee)	racs1948@yahoo.com 9440170525	
11.	Dr.E.V.Krishna Rao Professor of ECE & Dean, Academics	Member (Principal Nominee)	krishnaraoede@yahoo.co.in 9885677608	
12.	Dr.K.Harinadha Reddy Dean, R&D, LBRCE	Member (Principal Nominee)	Kadapa.hari@gmail.com 9885078932	

**MEMBERS OF ACADEMIC COUNCIL**  
(9<sup>th</sup> Academic Council meeting being held on 17-03-2018)

S.No	Academic Council Member	Designation	Email ID & Mobile Number	Signature
13.	Dr. Ch.V.Narayana HOD/CSE, LBRCE	Member	cvnreddy.chejerla@gmail.com 9000054868	 17/3/18
14.	Dr. D. Naga Raju HOD/IT, LBRCE	Member	dnagaraj_dnr@yahoo.co.in 9441176913	 17/3/18
15.	Dr. M. Umavani HOD/EEE, LBRCE	Member	marreddy.umavani@gmail.com 9542986377	
16.	Dr.S.Pichi Reddy HOD/ME, LBRCE	Member	seelamspr@gmail.com 9948263890	
17.	Prof. B. Ramesh Reddy HOD/ECE, LBRCE	Member	brrece73@gmail.com 9440990927	 17/3/18
18.	Sri. R. Anjaneyulu Naik HOD/EIE, LBRCE	Member	anjuitmadras@gmail.com 9885082543	 17/3/18
19.	Dr. P. Lovaraju HOD/AE, LBRCE	Member	lovaraju@gmail.com 8790085194	
20.	Dr. V. Rama Krishna HOD/CE, LBRCE	Member	hodcivil@lbrce.ac.in 9542184356	
21.	Prof. I. Rajendra Kumar HOD/MCA, LBRCE	Member	rajendralbrce@gmail.com 9885343645	 I. Rajendra kumar
22.	Dr. A. Adishesha Reddy HOD/MBA, LBRCE	Member	asrappidi@gmail.com 9948038954	
23.	Dr. A. Rami Reddy HOD/FED, LBRCE	Member	ram_68@rediffmail.com 9948038973	
24.	Dr. K.V.M. Achutaramaiah HOD/CCGT, LBRCE	Member	Achut_kala@yahoo.com 9348030896	
25.	Dr.P.V.Chandra Sekhar Rao CoE, LBRCE	Member Secretary	paruchuru70@gmail.com 9391901585	



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK,  
Accredited by NAAC ("A" grade) and NBA (ECE,EEE,MECH), ISO 9001:2008 Certified Institution

## Minutes of 9<sup>th</sup> Academic Council meeting held on 17-03-2018

1. Confirmation of the minutes of 8<sup>th</sup> Academic Council meeting held on 28-03-2017.
2. Review of action taken report (ATR) on the minutes of 8<sup>th</sup> Academic Council meeting held on 28-03-2017.

### ATR on the minutes of 8<sup>th</sup> Academic Council Meeting.

S.No	Item	Academic Council decision	Action taken
1	R-17 regulations, Course Structure & Syllabi of UG and PG programmes.	Approved	Implemented
2	Third valuation-inclusion of internal senior faculty	Deferred	--
3	Spot valuation- Inclusion of internal faculty (involve 40% internal component).	Approved	Implemented
4	Results of the A.Y: 2016-17	Noted	--

3. Items presented in this 9<sup>th</sup> Academic Council meeting for information, consideration, ratification and approval.

- a) To consider and approve the proceedings of BOS of UG regarding syllabi of B.Tech. (V to VIII Semesters).

**Decision:** The members of Academic Council reviewed the proceedings of UG regarding the syllabi of B.Tech (V to VIII semesters) and approved the same for implementation in R17 regulations.

- b) To consider and approve the proceedings of BOS of PG regarding syllabi of M.Tech. (III & IV Semesters), MBA (III & IV Semesters) and MCA (III to VI Semesters).

**Decision:** The members of Academic Council reviewed the proceedings of UG regarding the syllabi of M.Tech (III to IV semesters), M.B.A (III to IV semesters) and M.C.A (III to VI semesters) and approved the same for implementation in R17 regulations.

- c) To approve a fitment formula for transfer of students from R10/R11 Regulations to R14 regulations for their completion of degree.

**Decision:** The fitment formula consists of two steps.

**(i) Conversion of R10/R11 SGPA into R14 SGPA by interpolation**

The R10/R11 SGPA shall be converted into R14 SGPA by interpolation by taking the corresponding limits of the class.

**(ii) Calculation of final CGPA for the award of degree**

The final CGPA shall be calculated by considering the credits and SGPA of corresponding semesters of R10/R11 & R14 using the formula  $CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$ ,

Contd.....

Where  $S_i$  = SGPA of the  $i^{\text{th}}$  Semester,  $C_i$  = Credits of  $i^{\text{th}}$  Semester.

The members of Academic Council carefully reviewed the fitment formulae for all the readmitted students (R10/R11 regulations to R14 regulations) for the award of degree and approved the same.

d) Approval of BOS Members

**Decision:** Approved

Further, The members of Academic Council suggested that there shall be one BOS member who belongs to the specialization of the corresponding M.Tech programme.

e) Review of academic results of the students for the A.Y: 2017-18 (odd semester).

**Decision:** Noted

f) Review of placements in the A.Y: 2017-18.

**Decision:** Noted

g) Disbursement of merit scholarships to the students.

**Decision:** The members of Academic Council suggested to disburse one merit scholarship for each section of the branch.

h) Review of college Accreditation (NAAC & NBA).

**Decision:** Noted

i) Discussion on AICTE Model Curriculum for the A.Y 2018-19.

**Decision:** The members of Academic Council carefully reviewed the curriculum structure of R17 regulations of the institution. As the majority of the categories of AICTE model curriculum and R17 curriculum are same, it is suggested not to go for new regulations immediately.

j) Any other item with the permission of Chair.

(i) The members of the Academic Council suggested to limit the maximum number of condonations due to the shortage of attendance should be 'N' for both UG and PG programmes. Where, 'N' is number of years of the programme. If the number of condonations exceeds 'N', then the student shall be treated as detained due to shortage of attendance in that semester. The above rule will be implemented for the students admitted from the A.Y: 2018-19 onwards for both UG and PG programmes.

(ii) The members of the Academic Council suggested to award the 'First class with Distinction' degree for the students who pass all the courses of the programme in the first attempt only in R17 regulations for UG and PG programmes.

The Principal and the Chairman of Academic Council expressed his sincere thanks to all the honorable members of JNTUK and Industry in particular and all other in general for attending the meeting, giving valuable suggestions and contributing towards academic growth of the institution.

Date: 21-03-2018

*A. M. R. 21/3/18*  
Principal & Chairman of Academic Council  
PRINCIPAL

Lakireddy Balireddy Collge of Engg.,  
MYLAVARAM - 521 230.



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P.  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

## **10<sup>th</sup> Academic Council meeting to be held on 16-06-2018**

### **Agenda**

1. Confirmation of the minutes of 9<sup>th</sup> Academic Council meeting held on 17-03-2018.
2. Review of Action Taken Report (ATR) on the minutes of Academic Council meeting held on 17-03-2018.
3. Items presented in this Academic Council meeting for information, consideration, ratification and approval.
  - a) To consider and approve the academic calendar for the A.Y 2018-19 for UG & PG programs.
  - b) To discuss the cases of readmitted students of R10, R11, R14 and R17 regulations.
  - c) To discuss the weightages for attainment of COs, POs & PSOs (R17)
  - d) To ratify the resolutions taken in recent BoS meeting
  - e) To approve the panel of examiners for the conduct of practical exams & projects.
  - f) To inform events organized (2017-18) and proposed calendar of events (2018-19)
  - g) To consider R&D Activities
  - h) To consider Skill Development activities and online certification courses
  - i) To consider Training and placement activities
  - j) Review of academic results (even semester)
  - k) To consider and approve External Academic Audit Committee
  - l) To consider and approve scholarships for I B.Tech. students
  - m) To inform Budget allocation and Utilization
  - n) Review of Accreditation (NBA & NAAC)
  - o) Any other item with the permission of Chair

Date: 09-06-2018

  
Principal & Chairman, CAC

**PRINCIPAL:**  
**Lakireddy Balireddy Collge of Engg.**  
**MYLAVARAM - 521 230.**



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(Autonomous)








Approved by AICTE, New Delhi, Affiliated to JNTU-K, Kakinada  
Accredited by NAAC with 'A' Grade and ISO 9001:2015 Certified Institution  
MYLAVARAM - 521230, KRISHNA Dt., A.P

## MEMBERS OF ACADEMIC COUNCIL

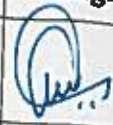











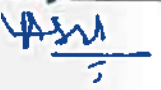
S.No	Name of the Academic Council Member	Designation
1	Dr. K.Appa Rao, Principal, LBRCE	Chairman
2	Dr. Ch. Satyanarayana, Director, Academics & Planning, JNTUK, Kakinada	University Nominee
3	Dr. P.Subba Rao , Director, Evaluation, JNTUK, Kakinada	University Nominee
4	Dr. Dr. S.Siva Nagaraju, Director, IIP & T, JNTUK, Kakinada	University Nominee
5	Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)
6	Sri.S.Rama Krishna Rao Managing Director, APHMEL, Kondapalli, Vijayawada	Member (Industry)
7	Arockia Rajan A, Professor, Dept. of Applied Mechanics, IIT-M	Member(Education)
8	Mr.S. Sambasiva Reddy, APP, Govt.of Telangana	Member (Law)
9	Dr.K.Sreenivasa Reddy, Vice-Principal, LBRCE	Member (Principal Nominee)
10	Dr. R.Chandra Sekharam, Dean, CSE, LBRCE	Member (Principal Nominee)
11	Dr.E.V.Krishna Rao, Dean of Academics, LBRCE	Member (Principal Nominee)
12	Dr.K.Harinatha Reddy, Dean, R&D, LBRCE	Member (Principal Nominee)
13	Dr. Ch.Venkata Narayana, HOD/CSE, LBRCE	Member
14	Dr.D. Naga Raju, HOD/IT, LBRCE	Member
15	Dr. M. Umavani, HOD/EEE, LBRCE	Member
16	Dr.S.Pichi Reddy, HOD/ME, LBRCE	Member
17	Dr.Y.Amar Babu, HOD/ECE, LBRCE	Member
18	Dr.B.Poornaiah, HOD/EIE, LBRCE	Member
19	Dr.P. Lovaraju, HOD/AE, LBRCE	Member
20	Dr. V.Rama Krishna, HOD/CE, LBRCE	Member
21	Prof. I. Rajendra Kumar, HOD/MCA, LBRCE	Member
22	Dr.A.Adishesha Reddy, HOD/MBA, LBRCE	Member
23	Dr.A.Rami Reddy, HOD/FED, LBRCE	Member
24	Dr.K.V.M.Achutaramaiah, HOD/CCGT, LBRCE	Member
25	Dr.P.V.Chandra Sekhar Rao, CoE, LBRCE	Member Secretary

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
(Autonomous)

**MEMBERS OF ACADEMIC COUNCIL**  
(10<sup>th</sup> Academic Council meeting being held on 16-06-2018)

Academic Council Member	Designation	Email ID & Mobile Number	Signature
Dr.K.Appa Rao Principal, LBRCE	Chairman	apparaokandimalla@gmail.com 9502277555	
Dr. P.Subba Rao Director, Evaluation, JNTUK, Kakinada	University Nominee	srpalivela@gmail.com dejntuk@gmail.com 70939 25555	
Dr.Ch. Satyanarayana, Director, Academics & Planning, JNTUK, Kakinada	University Nominee	dapjntuk@gmail.com chsatyanarayana@yahoo.com 9177790000	Not Present
Dr. S.SivaNagaraju Director, IIP & T, JNTUK, Kakinada	University Nominee	sirigri70@yahoo.co.in diiiptjntuk@gmail.com 7032679555	
Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)	industriesrk@ymail.com 0866-2518077	Not Present 16/6/18
Sri.S.Rama Krishna Rao Managing Director, APHMEL, Kondapalli, Vijayawada	Member (Industry)	ramakrishnarao55@gmail.com 9849489818	Not Present
ArockiaRajan A, Professor, Dept. of Applied Mechanics, IIT-M	Member (Education)	aarajan@iitm.ac.in +91 44 2257 4070	
Mr.S. Sambasiva Reddy, APP Govt.of Telangana	Member (Law)	9397802777	Not Present
Dr.K.Sreenivasa Reddy Vice-Principal, LBRCE	Member (Principal Nominee)	sri.kudumula66@gmail.com 9441887287	u.s. Reddy 16/6/18
Dr. R. Chandra Sekharam Dean, CSE, LBRCE	Member (Principal Nominee)	rscs1948@yahoo.com 9440170525	
Dr.E.V.Krishna Rao Professor of ECE & Dean, Academics	Member (Principal Nominee)	krishnaraoede@yahoo.co.in 9885677608	
Dr.K.Harinadha Reddy Dean, R&D, LBRCE	Member (Principal Nominee)	Kadapa.hari@gmail.com 9885078932	

**MEMBERS OF ACADEMIC COUNCIL**  
**(10<sup>th</sup> Academic Council meeting being held on 16-06-2018)**

S.No	Academic Council Member	Designation	Email ID & Mobile Number	Signature
13.	Dr.Ch.V.Narayana HOD/CSE, LBRCE	Member	cvnreddy.chejerla@gmail.com 9000054868	
14.	Dr. D. Naga Raju HOD/IT, LBRCE	Member	dnagaraj_dnr@yahoo.co.in 9441176913	
15.	Dr. M. Umavani HOD/EEE, LBRCE	Member	marreddy.umavani@gmail.com 9542986377	
16.	Dr.S.Pichi Reddy HOD/ME, LBRCE	Member	seelamspr@gmail.com 9948263890	
17.	Dr.Y.AmarBabu HOD/ECE, LBRCE	Member	amarbabuy77@gmail.com 9440868812	
18.	Dr.B.Poornaiah HOD/EIE, LBRCE	Member	poornaiah@gmail.com 9441042920	
19.	Dr. P. Lovaraju HOD/AE, LBRCE	Member	lovaraju@gmail.com 8790085194	
20.	Dr. V. Rama Krishna HOD/CE, LBRCE	Member	hodcivil@lbrce.ac.in 9542184356	
21.	Prof. I. Rajendra Kumar HOD/MCA, LBRCE	Member	rajendralbrce@gmail.com 9885343645	
22.	Dr. A. Adishesha Reddy HOD/MBA, LBRCE	Member	asrappidi@gmail.com 9948038954	
23.	Dr. A. Rami Reddy HOD/FED, LBRCE	Member	ram_68@rediffmail.com 9948038973	
24.	Dr. K.V.M. Achutaramaiah HOD/CCGT, LBRCE	Member	Achut_kala@yahoo.com 9348030896	
25.	Dr.P.V.ChandraSekhar Rao CoE, LBRCE	Member Secretary	paruchuru70@gmail.com 9391901585	

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada  
Accredited by NAAC with "A" Grade & ISO 9001: 2015 Certified

**Minutes of 10<sup>th</sup> Academic Council meeting held on 16-06-2018**

1. Confirmation of the minutes of 9<sup>th</sup> Academic Council meeting held on 17-03-2017.
2. Review of Action Taken Report (ATR) on the minutes of 9<sup>th</sup> Academic Council meeting held on 17-03-2017.

**ATR on the minutes of 9<sup>th</sup> Academic Council Meeting.**

S. No	Item	Academic Council decision	Action taken
1	3(a) To consider and approve the proceedings of BOS of UG regarding syllabi of B.Tech. (V to VIII Semesters).	Approved	Implemented
2	3(b) To consider and approve the proceedings of BOS of PG regarding syllabi of M.Tech. (III & IV Semesters), MBA (III & IV Semesters) and MCA (III to VI Semesters).	Approved	Implemented
3	3(c) To approve a merit formula for transfer of students from R10/R11 Regulations to R14 regulations for their completion of degree.	Approved	Implemented
4	3(d) Approval of BOS Members	Suggested to include one JNTUK member in the panel.	Included
5	3(e) Review of academic results of the students for the A.Y: 2017-18 (odd semester).	Noted	--
6	3(f) Review of placements in the A.Y: 2017-18.	Noted	--
7	3(g) Disbursement of merit scholarships to the students.	Noted	--
8	3(h) Review of college Accreditation (NAAC & NBA)	Noted	--
9	3(i) Discussion on AICTE Model Curriculum for the A.Y 2018-19.	As the majority of the categories of AICTE model curriculum and R17 curriculum are same, it is suggested not to go for new regulations immediately.	--
10	3(j) Any other item with the permission of Chair.	(i) The maximum number of condonations due to the shortage of attendance should be 'N' for both UG and PG programmes. Where, 'N' is number of years of the programme. If the number of condonations exceeds 'N', then the student shall be treated as detained due to shortage of attendance in that semester. The above rule will be implemented for the students admitted from the A.Y: 2018-19 onwards for both UG and PG programmes.	--

	(ii) The 'First class with Distinction' degree shall be awarded for the students who pass all the courses of the programme in the first attempt only in R17 regulations for UG and PG programmes. However, these two items are deferred in 10 <sup>th</sup> academic council meeting held on 16/06/2018 and suggested to implement from the next regulations.	
--	--	--

3. Items presented in the Academic Council meeting for information, consideration, ratification and approval.

- a) To consider and approve the academic calendar for the A.Y 2018-19 for UG & PG programs.

**Decision:** *The academic council approved the academic calendars for the A.Y 2018-19 for UG & PG programmes. (Annexure-I)*

- b) To discuss the cases of readmitted students of R10, R11, R14 and R17 regulations.

**Decision:**

*The academic council approved the award of degree to students who got detained and rejoined in any semester from the A.Y:2018-19 under the regulations in which the student got admitted only.*

*However, for the students who got readmitted before A.Y:2018-19 shall get the degree under the regulations that are in force and continue their study till the completion of their course in the same regulations.*

- c) To discuss the weightages for attainment of COs, POs & PSOs (R17)

**Decision:** *Approved and the details are enclosed in Annexure-II*

- d) To ratify the resolutions taken in recent BoS meeting.

**Decision:** *The council ratified the BoS minutes of the departments and the details of BoS are enclosed in Annexure-III.*

- e) To approve the panel of examiners for the conduct of practical exams & projects.

**Decision:** *The academic council approved the panel of examiners for the conduct of practical exams & projects. (Annexure-IV)*

- f) To inform events organized (2017-18) and proposed calendar of events (2018-19).

**Decision:** *The events organized by the institution and the calendar of events to be organized for the A.Y: 2018-19 are noted. (Annexure-V)*

- g) To consider R&D Activities

**Decision:** *The council noted the Research & Development activities of the college (Annexure-VI).*


- h) To consider Skill Development activities and online certification courses

**Decision:** *The skill development activities organized the college are noted. The academic council appreciated the institution for achieving 'AAA' grade (all India 9<sup>th</sup> rank) in NPTEL courses (Annexure-VII).*

- i) To consider Training and placement activities  
Decision: The activities organized by the T&P cell and the campus placements for the students are noted. (Annexure-VIII)
- j) Review of academic results (even semester)  
Decision: The academic results for the even semester of A.Y: 2017-18 were noted. (Annexure-IX).
- k) To consider and approve External Academic Audit Committee  
Decision: The academic council approved the external academic & administrative audit report form and the external audit members (Annexure-X).
- l) To consider and approve scholarships for I B.Tech. students  
Decision: The academic council approved and appreciated the disbursement of scholarships for the students admitted in the branches of Aerospace Engineering and Electronics & Instrumentation Engineering (Annexure-XI).
- m) To inform Budget allocation and Utilization  
Decision: The budget allocation and utilization for F.Y:2017-18 is ratified and budget for F.Y:2018-19 is approved. (Annexure-XII)
- n) Review of Accreditation (NBA & NAAC)  
Decision: The academic council noted the NBA expert team visit schedule for Mechanical Engineering branch and NAAC peer team visit likely to be in the month of June 2018.
- o) Any other item with the permission of Chair
- (i) The members of the Academic Council have withdrawn the case (Item No: 3(j)(i) of 9<sup>th</sup> academic council) of maximum number of condonations due to the shortage of attendance should be 'N' for both UG and PG programmes as discussed in 9<sup>th</sup> academic council meeting. Where, 'N' is number of years of the programme. If the number of condonations exceeds 'N', then the student shall be treated as detained due to shortage of attendance in that semester.  
The council suggested to implement this item with (N-1) condonations in the next regulations.
- (ii) The members of the Academic Council have withdrawn the case (Item No: 3(j)(ii) of 9<sup>th</sup> academic council) of award of the 'First class with Distinction' degree for the students who pass all the courses of the programme in the first attempt only in R17 regulations for UG and PG programmes as discussed in 9<sup>th</sup> academic council meeting. The council recommended to implement the case in the next regulations.

The Principal and the Chairman of Academic Council expressed his sincere thanks to all the honorable members of JNTUK and Industry in particular and all other in general for attending the meeting, giving valuable suggestions and contributing towards academic growth of the institution.

Date: 03-07-2018

Principal &   
**PRINCIPAL**  
Lakireddy Balireddy Collge of Engg.  
MYLAVARAM - 521 230.



# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Approved by AICTE, NEW DELHI. Affiliated to JNTUK, KAKINLADA

MYLAVARAM-521 230, Krishna Dist. A.P. India. Tel : 08659 - 222933, 934, 223936 Fax : 08659 - 222931  
e-mail : lbcmym@lbrce.ac.in website : www.lbrce.ac.in

## Minutes of 11<sup>th</sup> Academic Council meeting held on 02-02-2019

1. Confirmation of the minutes of 10<sup>th</sup> Academic Council meeting held on 16-06-2018.
2. Review of Action Taken Report (ATR) on the minutes of 10<sup>th</sup> Academic Council meeting held on 16-06-2018.

### ATR on the minutes of 10<sup>th</sup> Academic Council Meeting.

Item No.	Item	Academic Council decision	Action taken
3a)	Items presented in the Academic Council meeting for information, consideration, ratification and approval.	Approved	Implemented
b)	To discuss the cases of readmitted students of R10, R11, R14 and R17 regulations.	Approved	Implemented
c)	To discuss the weightages for attainment of COs, POs & PSOs (R17)	Approved	Implemented
d)	To ratify the resolutions taken in recent BoS meeting.	Ratified	--
e)	To approve the panel of examiners for the conduct of practical exams & projects.	Approved	--
f)	To inform events organized (2017-18) and proposed calendar of events (2018-19).	Noted	--
g)	To consider R&D Activities	Noted	--
h)	To consider Skill Development activities and online certification courses	Noted	--
i)	To consider Training and placement activities	Noted	--
j)	Review of academic results (even semester)	Noted	--
k)	To consider and approve External Academic Audit Committee	Approved	--
l)	To consider and approve scholarships for I B.Tech. students	Noted	--
m)	To inform Budget allocation and Utilization	Approved	--
n)	Review of Accreditation (NBA & NAAC)	Noted	--

3. Items presented in the Academic Council meeting for information, consideration, ratification and approval.

- a) To approve academic regulations for MCA students admitted through lateral entry scheme

**Decision:** Approved (Annexure – I)

- b) To approve guidelines for Online courses in lieu of open elective courses in R17 regulations

**Decision:** Approved.

However, in the case of unsatisfactory performance of the student in the online courses, opting for Open Elective-II (offered in B.Tech -VII Sem.) / Open Elective-III (offered in B.Tech -VIII Sem.) by the student is kept pending and will be discussed in the next meeting.

**Guidelines for Online courses (NPTEL etc) in B.Tech**

- i) A student can register for at least 2 online courses (minimum duration of 8 weeks each) in the semesters I to VI in lieu of Open Elective-II and semesters I to VII for Open Elective-III.
- ii) The average percentage of best 2 online courses shall be considered for the award of letter grade.
- iii) The letter grade and grade points to the online courses shall be awarded as per the table given below.

Percentage of marks	Letter Grade	Grade Points	Level
≥90	O	10	Outstanding
80 to <90	A+	9	Excellent
70 to <80	A	8	Very Good
60 to <70	B+	7	Good
50 to <60	B	6	Above average
45 to <50	C	5	Average
40 to <45	P	4	Pass
<40	F	0	Fail

- iv) The online course selected should not be a repetitive course in the programme.

- c) Permission to conduct special supplementary examinations for the students who have not completed the degree within the maximum duration of the programme.

**Decision:** Deferred and advised to approach the university officials.

- d) Review of Academic Results (Odd semester)

**Decision:** Noted

- e) Review of Accreditations (NAAC & NBA)

**Decision:** Noted



- f) Information on Admissions, Intake Quality and Merit Scholarships.  
**Decision:** Noted and suggested to improve the intake quality of students.
- g) Events organized (A.Y 2018-19) as per the Calendar of Events  
**Decision:** Noted
- h) Information on Skill Development activities and online certification courses  
**Decision:** Noted
- i) Review of R&D Activities  
**Decision:** Noted and suggested to improve the quality of publications.
- j) Review of Training and Placement Activities  
**Decision:** Noted and suggested to improve the placement activities for students.
- k) Recognitions, Achievements and Awards Received  
**Decision:** Noted and appreciated the awardees.
- l) To ratify the resolutions taken in recent BoS meeting  
**Decision:** Ratified (Annexure – II)
- m) To approve External Academic and Administrative Audit (AAA) Report  
**Decision:** Approved (Annexure – III)
- n) Any other item with the permission of Chair

The following suggestions have been made by the Academic Council members.

- Dr.A.M.Prasad suggested to introduce new M.Tech programme likely to be assisted by TCS in the area of Data Analytics in Business Administration.
- Dr.R.Sreenivasa Rao suggested to encourage students to write GATE examination for higher education and employment in public sector units.
- Dr.V.Ravindra suggested to encourage students to write GATE and other competitive examinations.
- Dr. A. Arockia Rajan suggested to improve the Internship activity and workshops on R&D to improve employment opportunities for the students.

The Principal and the Chairman of Academic Council expressed his sincere thanks to all the honorable members of JNTUK and Industry in particular and all other in general for attending the meeting, giving valuable suggestions and contributing towards academic growth of the institution.

**Date:** 20-02-2019

  
**Principal & Chairman of Academic Council**



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada

**12<sup>th</sup> Academic Council (AC) meeting to be held on 29-06-2019**

**Agenda**

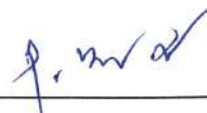
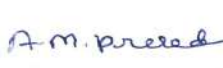

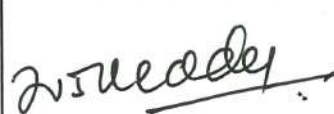




1. Confirmation of the minutes of 11<sup>th</sup> Academic Council meeting held on 02-02-2019.
2. Review of Action Taken Report (ATR) on the minutes of 11<sup>th</sup> Academic Council meeting.
3. Items presented in this meeting for information, consideration, ratification and approval.
  - a) Approval of Academic Calendars for the A.Y. 2019-20.
  - b) Approval of guidelines for Online Courses in lieu of Open Elective Courses in R17 Regulations
  - c) Review of Academic Activities
    - i. OBE procedural changes
    - ii. Academic Results
    - iii. Detention (Based on Credits & Attendance)
    - iv. Internships
    - v. Certifications (NPTEL, Summer Training programs)
    - vi. GATE Ranks & Prathibha Awards
  - d) Information on Calendar of events for the A.Y. 2019-20.
  - e) Events organized and attended (A.Y 2018-19)
  - f) Review of R&D Activities
  - g) Review of Training and Placement Activities
  - h) Review of Accreditations (NAAC & NBA)
  - i) Ratification of resolutions taken in recent BoS meeting
  - j) Any other item with the permission of Chair

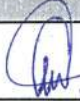

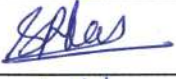

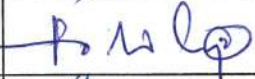


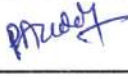




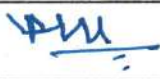
Date: 24-06-2019

Principal & Chairman (AC)

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**(Autonomous)**

**12<sup>th</sup> Academic Council (AC) meeting being held on 29-06-2019**

S.No	Name of the Member	Designation	Signature
1	Dr. K.Appa Rao, Principal, LBRCE	Chairman	
2	Dr.A.M.Prasad, Director, Academic Planning, JNTUK, Kakinada	University Nominee	
3	Dr.R.Srinivasa Rao, Director of Evaluation, JNTUK, Kakinada	University Nominee	
4	Dr. V.Ravindra, Professor, Dept. of Civil Engg., JNTUK, Kakinada	University Nominee	NOT Present
5	Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)	
6	Dr. A. Arockia Rajan, Professor, Dept. of Applied Mechanics, IITM, Chennai	Member(Education)	NOT Present
7	Mr.S. Sambasiva Reddy, APP, Govt. of Telangana	Member (Law)	NOT Present
8	Dr. R.Chandra Sekharam, Director, IQAC & Dean- School of Computing	Member (Principal Nominee)	
9	Dr.E.V.Krishna Rao, Dean of Academics	Member (Principal Nominee)	
10	Dr.K.Harinatha Reddy, Dean-R&D and HoD/EEE	Member (Principal Nominee)	
11	Dr.T.Satyanarayana, Professor, EIE	Member (Principal Nominee)	

S.No	Name of the Member	Designation	Signature
12	Dr. Ch.Venkata Narayana, HOD/CSE	Member	 29/6/19
13	Dr.B. Srinivasa Rao, HOD/IT	Member	
14	Dr.S.Pichi Reddy, HOD/ME	Member	
15	Dr.Y. Amar Babu, HOD/ECE	Member	
16	Dr.B.Poorinaiah, HOD/EIE	Member	
17	Dr.P. Lovaraju, HOD/AE	Member	
18	Dr. V.Rama Krishna, HOD/CE	Member	
19	Dr.P.Ashok Reddy, HOD/MCA	Member	
20	Dr.A.Adishesha Reddy, HOD/MBA	Member	
21	Dr.A.Rami Reddy, HOD/FED	Member	
22	Dr.K.V.M.Achutaramaiah, HOD/CCGT	Member	 29/6/19
23	Prof.B.Ramesh Reddy, Coordinator, IQAC	Member	
24	Dr.P.V.Chandra Sekhar Rao, CoE	Member Secretary	

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada

**Minutes of 12<sup>th</sup> Academic Council meeting held on 29-06-2019****Details of Members:**

S.No	Name of the Member	Designation	Present / Not Present
1.	Dr. K.Appa Rao, Principal, LBRCE	Chairman	Present
2.	Dr.A.M.Prasad, Director, Academic Planning, JNTUK, Kakinada	University Nominee	Present
3.	Dr.R.Srinivasa Rao, Director of Evaluation, JNTUK, Kakinada	University Nominee	Present
4.	Dr. V.Ravindra, Professor, Dept. of Civil Engg., JNTUK, Kakinada	University Nominee	Not Present
5.	Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)	Present
6.	Dr.A. Arockia Rajan, Professor, Dept. of Applied Mechanics, IIT-M	Member (Education)	Not Present
7.	Mr.S. Sambasiva Reddy, APP, Govt.of Telangana	Member (Law)	Not Present
8.	Dr. R.Chandra Sekharam, Director, IQAC & Dean-School of Computing	Member (Principal Nominee)	Present
9.	Dr.E.V.Krishna Rao, Dean of Academics	Member (Principal Nominee)	Present
10.	Dr.K.Harinatha Reddy, Dean, R&D	Member (Principal Nominee)	Present
11.	Dr.T.Satyanarayana, Professor, EIE	Member (Principal Nominee)	Present
12.	Dr. Ch.Venkata Narayana, HOD/CSE	Member	Present
13.	Dr.B. Srinivasa Rao, HOD/IT	Member	Present
14.	Dr.K.Harinatha Reddy, HOD/EEE	Member	Present
15.	Dr.S.Pichi Reddy, HOD/ME	Member	Present
16.	Dr.Y. Amar Babu, HOD/ECE	Member	Present
17.	Dr.B.Poornaiah, HOD/EIE	Member	Present
18.	Dr.P. Lovaraju, HOD/AE	Member	Present
19.	Dr. V.Rama Krishna, HOD/CE	Member	Present
20.	Dr.P.Ashok Reddy, HOD/MCA	Member	Present
21.	Dr.A.Adishesha Reddy, HOD/MBA	Member	Present
22.	Dr.A.Rami Reddy, HOD/FED	Member	Present
23.	Dr.K.V.M.Achutaramaiah, HOD/CCGT	Member	Present
24.	Prof.B.Ramesh Reddy, Coordinator, IQAC	Member	Present
25.	Dr.P.V.Chandra Sekhar Rao, CoE	Member Secretary	Present

Principal of Lakireddy Bali Reddy College of Engineering chaired the meeting. He extended a warm and hearty welcome to all the hon'ble members of the College Academic Council. He expressed sincere thanks to them for conveying their willingness to be on the Academic Council of the college. Before proceeding to Agenda, Chairman has introduced all members and informed about sudden demise of Dr.K.Sreenivasa Reddy, Vice Principal & Academic Council Member on 23-05-2019 due to an accident. All members expressed sincere condolences to the grieved family.

The Chairman of CAC requested the members for making the presentation. During his presentation, he has placed the following agenda of items for Information, Consideration, and Ratification/Approval and Suggestions by all the members of Academic Council.

1. Confirmation of the minutes of 11<sup>th</sup> Academic Council meeting held on 02-02-2019.
2. Review of Action Taken Report (ATR) on the minutes of 11<sup>th</sup> Academic Council meeting held on 02-02-2019.

Item No.	Item	Academic Council decision	Action taken
3a)	To approve academic regulations for MCA students admitted through lateral entry scheme	Approved	Implemented
b)	To approve guidelines for Online courses in lieu of open elective courses in R17 regulations	Decision Pending	--
c)	Permission to conduct special supplementary examinations for the students who have not completed the degree within the maximum duration of the programme.	Advised to approach University	Letter has been sent to University
d)	Review of Academic Results (Odd semester)	Noted	--
e)	Review of Accreditations (NAAC & NBA)	Noted	--
f)	Information on Admissions, Intake Quality and Merit Scholarships.	Noted	--
g)	Events organized (A.Y 2018-19) as per the Calendar of Events	Noted	--
h)	Information on Skill Development activities and online certification courses	Noted	--
i)	Review of R&D Activities	Improve publications	Implemented
j)	Review of Training and Placement Activities	Improve placement activities	Implemented
k)	Recognitions, Achievements and Awards Received	Noted	--
l)	To ratify the resolutions taken in recent BoS meeting	Ratified	--
m)	To approve External Academic and Administrative Audit (AAA) Report	Approved	--
n)	Any other item with the permission of Chair		

Responses to Suggestions given in the previous Academic Council Meeting	
Suggestions	Action Taken / Information Report
i) Encourage students to write GATE & other Competitive examinations	<ul style="list-style-type: none"> <li>• Special Classes for GATE coaching are scheduled</li> <li>• Communication Skills Certification programs are scheduled</li> <li>• Foreign Language training programs (German, Spanish) are scheduled</li> </ul>
ii) Improve the internship activities	Students are encouraged to get internships from reputed organizations.
iii) Workshops to improve R&D activities	Scheduled and Organized one workshop
iv) Introduce new M.Tech. (Data Analytics) with assistance from TCS	Under consideration

### 3. Items presented

#### a) Approval of Academic Calendars for the A.Y. 2019-20.

The Chairman has given information on Academic Calendars prepared in accordance with JNTUK guidelines and same have been approved.

#### b) Approval of guidelines for Online Courses in lieu of Open Elective Courses in R17 Regulations.

##### Guidelines for Online courses

- i. A student can register for one online course of duration 12 weeks in the semesters I to VI in lieu of Open Elective-II (offered in VII Semester).

(or)

A student can register for one online course of duration 12 weeks in the semesters I to VII in lieu of Open Elective-III (offered in VIII Semester).

- ii. In case, a student fails in online course, he/she shall register the same online course or any other online course.
- iii. The online course selected should not be a course already studied / to be studied in the concerned department curriculum.
- iv. The letter grade and grade points to the online course shall be awarded as per the table given below.

Percentage of marks	Letter Grade	Grade Points	Level
≥90	O	10	Outstanding
80 to <90	A+	9	Excellent
70 to <80	A	8	Very Good
60 to <70	B+	7	Good
50 to <60	B	6	Above average
45 to <50	C	5	Average
40 to <45	P	4	Pass
<40	F	0	Fail

**Members suggested the following and approved the same**

- To permit only 12 week online course with 3 Credits instead of 8 week course.
- To restrict online courses to be conducted by NPTEL- SWAYAM only.
- To provide feasibility for student to choose the online course on his/her interest.

**c) Review of Academic Activities**

**i. OBE procedural changes: Approved for implementation**

The following changes for CO computation for R14 & R17 Regulations are discussed and approved for implementation.

- ❖ CO component of the 1 Mark and 2 Mark questions is to be ignored (R14)
- ❖ CO component is to be considered if the question is attempted by more than 10% of the total students
- ❖ Threshold value is to be taken as maximum of class average mark or 60% of the marks allocated to the question.

**ii. Academic Results**

The Chairman has presented UG & PG academic results of A.Y: 2018-19 (even semester) and are approved by the honourable members of the Academic Council.

**iii. Detention (Based on Credits & Attendance)**

The details of detentions as per Credits & Attendance were given below for the information.

No.of detentions as per credits – 36 (R14- 06, R17-30).

No.of detentions as per Attendance – 66.

**iv. Internships**

The Chairman has informed about the details of Internships carried out at Premier National Educational Institutes, reputed Govt. and private industries that made our institution to achieve AICTE – Internshaala All India Ranking – 198.

**v. Certifications (NPTEL, Summer Training programs)**

- ❖ The Chairman has informed about NPTEL certification programs (Jan 19 – June 19) that enabled to secure "AA" grade to our NPTEL Local Chapter.
- ❖ Chairman also presented the details of Foreign Language Training and informed that 25 students got German Language Certification by Eazy Foreign Languages Institute, Vijayawada.



*vi. GATE Ranks & Prathibha Awards*

The details of GATE Ranks and Prathibha Awards were presented by Chairman and members suggested to conduct special GATE coaching classes along with some academic freedom that would enable to secure more number of GATE ranks.

GATE Ranks	:	23
Prathibha Awards	:	05

**d) Information on Calendar of events for the A.Y. 2019-20 (Annexure-II)**

The Chairman has presented the details of proposed Department wise Calendar of events (FDP, Guest Lectures, Workshops, Conferences / Seminars etc.) for the A.Y.2019-20.

**e) Events organized and attended (A.Y 2018-19)**

The Chairman has presented the details of various events organized (FDP, Guest Lectures, Workshops, Conferences / Seminars etc.) as per calendar of events of the A.Y.2018-19.

**f) Review of R&D Activities (Annexure-III)**

The details of R&D activities viz., sponsored projects, submitted project proposals, publications in indexed journals, patents, books, events organized, Ph.Ds awarded under the supervision of the faculty have been presented by the Chairman.

Chairman also informed about regular activities such as innovation competitions, financial assistance for prototype development and achievements of Centre for Innovation, Incubation and Entrepreneurship (CIIE).

Chairman delighted to inform all the members that our Institution for Innovation Council (IIC) established under AICTE- Ministry for Innovation Council (MIC), MHRD, Govt.of India has been accorded **Two Star Rating** for for the participations in Smart India Hackathon – 2019.

**g) Review of Training and Placement Activities:** Noted and suggested to improve the number of placements in reputed companies.

**h) Review of Accreditations (NAAC & NBA) (Annexure-IV)**

Chairman has given following information on Accreditations

- NAAC Peer Team visited the campus on 5<sup>th</sup> & 6<sup>th</sup> Oct' 2018 and awarded B++ Grade with CGPA 2.96/4.
- CSE, IT, EEE & ECE accorded 3 years of National Board of Accreditation (NBA) under Tier-I valid up to A.Y. 2021-22 and ME valid up to A.Y. 2020-21.
- Reassessment of NAAC application is planned to submit in the month of June' 2020.
- Planning to submit NBA application for EIE, ASE & CE and MBA by December'2020.

*i) Ratification of resolutions taken in recent BoS meeting (Annexure-V)*

The details of the BoS meetings conducted by various departments in the month of July' 2019 were noted by Council and approved the same.

*j) Any other item with the permission of Chair*

The following suggestions have been made by the Academic Council members.

- Dr.A.M.Prasad & Dr.R.Sreenivasa Rao suggested to improve the number of placements for the outgoing students.
- Dr.A.M.Prasad has suggested to continue the feedback collection from employer after one year that facilitates to compute POs & PEOs.
- Dr.R.Sreenivasa Rao & Dr.A.M.Prasad suggested to add the feature of scope for improving internal assessment for the students who scores less marks in continuous internal evaluation in R20 regulations. This case should be applicable for the students who complete the course of study.

The meeting was very interactive and members appreciated the Academic accomplishments of the institution took place as per their suggestions and guidelines. Further, few constructive comments were given by Hon'ble Members. The Chairman expressed his happiness for such fruitful discussions and excellent guidance being offered by all the hon'ble members for overall development of the Institution.

Date: 12-07-2019

Principal & Chairman of Academic Council

*g. m. s. 12/7/19*  
**PRINCIPAL**  
Bakireddy Balireddy College of Engg.,  
MYLAVARAM - 521 230.



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)**

L.B. Reddy Nagar :: Mylavaram-521 230 :: Krishna Dist. :: A.P  
Approved by AICTE, New Delhi. Affiliated to JNTUK, Kakinada

**13<sup>th</sup> Academic Council (AC) meeting to be held on 06-03-2020**

**Agenda**

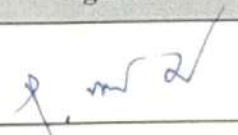



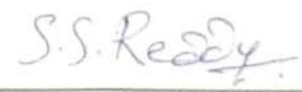
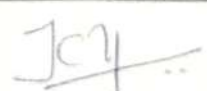

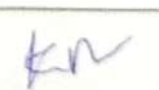

1. Confirmation of the minutes of 12<sup>th</sup> Academic Council meeting held on 29-06-2019.
2. Review of Action Taken Report (ATR) on the minutes of 12<sup>th</sup> Academic Council meeting.
3. Items presented in this meeting for information, consideration, ratification and approval.
  - a) Ratification of resolutions taken in BoS meeting held on 7<sup>th</sup> Dec, 2019 for course structure of R20 regulations (UG and PG)
  - b) Discussion on proposed R20 regulations (Salient Points)
  - c) Details of Academic Activities
    - i. Academic Results of UG and PG A.Y. 2019-20 (ODD Semesters)
    - ii. Detention (Based on Attendance A.Y. 2019-20, ODD Semesters)
    - iii. Detention (Based on Credits A.Y. 2018-19)
  - d) Discussion on Intake Quality (A.Y. 2019-20 admitted batch)
  - e) Information on Merit Scholarships (A.Y. 2018-19)
  - f) Details of events organized and attended (A.Y 2019-20)
  - g) Review of R&D Activities (A.Y 2019-20)
  - h) Review of Training and Placement Activities (A.Y 2019-20)
  - i) Review of Accreditations (NAAC & NBA)
  - j) Ratification of Administrative Positions in the Institute.
  - k) Any other item with the permission of Chair

Date: 29-02-2020






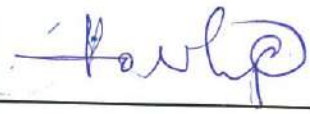



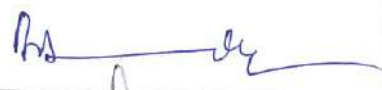

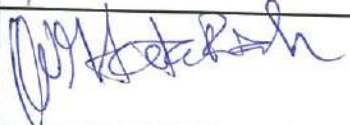
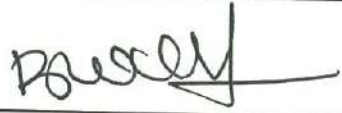


*g. w. d. 29/2/2020*  
Principal & Chairman (AC)

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING  
(Autonomous)**

**13<sup>th</sup> Academic Council (AC) meeting is held on 06-03-2020**

S.No	Name of the Member	Designation	Signature
1.	Dr. K.Appa Rao, Principal, LBRCE	Chairman	
2.	Dr. R.Srinivasa Rao Director, Academic Planning, JNTUK, Kakinada	University Nominee	
3.	Dr. V.Ravindra Director, Academic Audit JNTUK, Kakinada	University Nominee	
4.	Dr.L.Sumalatha Director of Evaluation JNTUK, Kakinada	University Nominee	
5.	Sri J.V.Satyanarayana Reddy, Managing Director, RK Industries, Vijayawada	Member (Industry)	Not present
6.	Dr. A. Arockia Rajan, Professor, Dept. of Applied Mechanics, IIT-M	Member (Education)	Not present
7.	Mr.S. Sambasiva Reddy, APP, Govt. of Telangana	Member (Law)	
8.	Dr.K.Harinadha Reddy, Vice-Principal	Member (Principal Nominee)	
9.	Dr. R.Chandra Sekharam, Director-IQAC & Dean- School of Computing	Member (Principal Nominee)	
10.	Dr.E.V.Krishna Rao, Dean - R&D	Member (Principal Nominee)	
11.	Dr.T.Satyanarayana, Professor, EIE	Member (Principal Nominee)	

Contd..

S.No	Name of the Member	Designation	Signature
12.	Dr. D. Veeraiah, HOD/CSE	Member	
13.	Dr. B. Srinivasa Rao, HOD/IT	Member	
14.	Dr. M.S.Giridhar, HOD/EEE	Member	
15.	Dr.S.Pichi Reddy, HOD/ME	Member	
16.	Dr.Y. Amar Babu, HOD/ECE	Member	
17.	Dr.B.Poornaiah, HOD/EIE	Member	
18.	Dr.B.Eswara Kumar, HOD/AE	Member	
19.	Dr. V.Rama Krishna, HOD/CE	Member	
20.	Dr.P.Ashok Reddy, HOD/MCA	Member	
21.	Dr.A.Adishesha Reddy, HOD/MBA	Member	
22.	Dr.A.Rami Reddy, HOD/FED	Member	
23.	Dr.K.V.M.Achutaramaiah, HOD/CCGT	Member	
24.	Prof.B.Ramesh Reddy, Coordinator, IQAC	Member	
25.	Dr.P.V.Chandra Sekhar Rao, CoE	Member	
26.	Dr.P. Lovaraju, Dean, Academics	Member Secretary	

Principal of Lakireddy Bali Reddy College of Engineering greeted & extended warm welcome to all the members and declared the meeting is open at 11.00 A.M. He expressed sincere thanks to external members for conveying their willingness to be on the Academic Council of the college. Before proceeding to Agenda, Chairman has introduced all members. Principal has informed the members about changes of Academic council members Vice-Principal, Dean Academics, Dean R&D along with changes in various administrative positions. The chairman has started the presentation with the following agenda of items for Information, Consideration, and Ratification/Approval and Suggestions by all the members of Academic Council.

1. Confirmation of the minutes of 12th Academic Council meeting held on 29-06-2019.  
The minutes of the 12<sup>th</sup> Academic Council meeting are confirmed with the permission from all the members.
2. Review of Action Taken Report (ATR) on the minutes of 12th Academic Council meeting held on 29-06-2019.

Item No.	Item	Academic Council decision	Action taken
a)	Approval of Academic Calendars for the A.Y. 2019-20	Approved	Implemented
b)	Approval of guidelines for Online Courses in lieu of Open Elective Courses in R17 Regulations	Approved	Implemented
	Review of Academic Activities		
	i. OBE Procedural changes	Approved	Implemented
	ii. Academic Results	Noted	--
c)	iii. Detention based on Credits & Shortage of Attendance	Noted	--
	iv. Internships	Noted	--
	v. Certifications (NPTEL etc)	Noted	--
	vi. GATE Ranks and Prathiba Awards	Noted	--
d)	Information on Calendar of events for the A.Y. 2019-20	Noted	--
e)	Events organized and attended (A.Y. 2018-19)	Noted	--
f)	Review of R&D Activities	Advised to improve quality publications and sponsored research	Being implemented
g)	Review of Training and Placement Activities	Advised to improve	Being

		placements in core companies	implemented
h)	Review of Accreditations (NAAC & NBA)	Noted	--
i)	Ratification of resolutions taken in recent BoS meeting	Ratified	--
j)	Any other item with the permission of Chair	--	--

### 3 (a) Ratification of Resolutions taken in BoS Meeting held on 7<sup>th</sup> Dec. 2019 for R20 Regulations

The council has ratified the resolutions taken in BoS Meeting held on 7<sup>th</sup> Dec. 2019 for the preparation of R20 Regulations and below the summary on Minutes of BoS Meeting.

- EPICS-I option may be given to the student to execute this as an Engineering Mini Project.
- EPICS-II may be converted as Mini Project.
- “Essence of Indian Traditional Knowledge” course may be exempted.
- Employability Enhancement Skills – I, II may be non-credit courses.
- To emphasize more on practical by increasing the lab hours i.e., from 2 hours to 3 hours and credits from 1.0 to 1.5 for core courses so that the students get expertise in the programming.
- To pursue any foreign language certification by students is their choice and it should not be a credit course or not even a mandatory course.
- It is suggested to have three Mathematics subjects instead of four Mathematics subjects.

**Decision:** Resolutions taken in BoS meeting are ratified.

### (b) Discussion on proposed R20 Regulations (Salient Points)

It was the crucial part of CAC meeting. All the members were actively participated and given their valuable suggestions in making R20 Regulations are listed below.

- In R20 Regulations, don't include marks for attendance.
- In R20 Regulations, there will be no detention for II Year students and keep following the university rules & guidelines. However, detention at II Year is applicable to R17 Regulation students.

- The weightages for External & Internal examinations should be 70 – 80% & 30 – 20% with flexibility of 10% changes. Don't bring down to 60% – 40% similar to R17 Regulation.
- Make use of Autonomous flexibility in making Syllabus variation up to 20% that helps to meet core competencies in relation with latest technological developments of industries.
- Don't make any differences between integrated & non-integrated courses in terms of assigning credits, hours & number of units of course.
- Every course that includes integrated & non-integrated courses should have 5 units with all the necessary topics pertained to the course. The only flexibility to alter the contents of any standard course up to 10%.
- No reductions in the syllabus of any course for three units or so in connection with integrated courses.
- Online course must be carried out only through MOOCS (NPTEL, SWAYAM) Government of India Courses and equivalency grade point procedures for such online courses should also be formulated clearly.
- Investigate the all possible reasons leading detention based on credits.
- It is advised to look in to the fact that awarding "Distinction" to the supplementary category students as it is not being followed in the JNTUK.
- Conversion of CGPA to percentage needs to be checked by following University guidelines on grade points.

**Decision:** Noted

### **(c) Details of Academic Activities**

#### *i. Academic Results of UG and PG for the A.Y. 2019-20 (Odd Semesters)*

The Chairman has presented UG & PG (odd semester) results.

**Decision:** Noted the results of UG & PG for the A.Y: 2019-20 (odd semesters) and M.Tech (II semester) of A.Y: 2018-19 results and are approved by the honourable members of Academic Council.

#### *ii. Detention (Based on Attendance of A.Y. 2019-20, Odd Semester)*

The details of detentions as per Attendance were given below for the information.

- ❖ No. of detentions in UG as per attendance – 30 (I Sem. – 14, III Sem. -05, V Sem. – 07, VII Sem. – 04).
- ❖ No. of detentions in PG as per attendance – 06 (I Sem. – 03, III Sem. -03).



**iii. Detention (Based on Credits of A.Y. 2018-19)**

The details of detentions as per Credits were given below for the information.

- ❖ No. of detentions in UG as per Credits – 32 (Not promoted to VII Sem. – 04, V Sem. -12, III Sem. – 16).

**Decision:** Noted and Confirmed

**(d) Discussion on Intake Quality (A.Y. 2019-20 Admitted Batch) & Proposal for New Programs**

- The details of intake quality for both UG & PG Programs for the academic year 2019-20 were presented.
- New program "Artificial Intelligence and Data Science (AI & DS)" has been recommended, however another program "Computer Science & Business System (CS & BS) in association with TCS" was not recommended. It is advised to rethink of introducing this program as it associates with only one specific company i.e. TCS.
- Proposal for reduction of intake in Dept. of Mechanical Engineering from 180 to 120 & closure of Electronics and Instrumentation Engineering branch (60 Seats) has been recommended.

**Decision:** Noted

**(e) Information on Merit Scholarships (A.Y 2018-19)**

- The details of merit scholarships for the academic year 2018-19 were presented. Total Rs. 18,43,900/- was given to 232 students on the account of Meritorious performance, 100% attendance and fee concession to economically poor students.

**Decision:** Noted

**(f) Details of Events Organized and Attended (A.Y.: 2019-20)**

- The Chairman has presented the details of events attended by faculty (FDP, Guest Lectures, Workshops, Conferences / Seminars etc.) and similar events organized by the institution for the A.Y.2019-20.

**Decision:** Noted

**(g) Review of R&D Activities (A.Y. 2019-20 till now)**

- The details of R&D activities viz., sanctioned projects, submitted project proposals, publications in indexed journals, patents, books, events organized, Ph.Ds awarded under the supervision of our faculty have been presented by the Chairman.

- Chairman also informed about regular activities such as innovation competitions, financial assistance for prototype development and achievements of Centre for Innovation, Incubation and Entrepreneurship (CIIE).
- Chairman informed the procedures of National Innovative Start-up Policy (NISP)
- It is advised to keep monitoring research scholar's work by associating with them because some scholars without notice of guide, simply taking permission from the University for Guide Change.

**Decision:** Noted and suggested to improve quality of Publications and R&D Project Proposals.

**(h) Review of Training and Placement Activities (A.Y. 2019-20)**

- The details of Training and Placement Activities were noted and suggested to improve the number of placements in reputed companies with high packages.

**Decision:** Noted

**(i) Review of Accreditations (NAAC & NBA)**

Chairman has given following information on Accreditations

- AQAR of A.Y. 2018-19 has been submitted on 31-01-2020.
- Reassessment of NAAC application is planned to submit in the month of August' 2020.
- Planning to submit NBA application for Departments of ME, ASE & CE and MBA by December'2020.

**Decision:** Noted

**(j) Ratification of Administrative Positions in the Institute.**

- The council has ratified the following administrative positions
  - Dr.P.V.ChandraSekhar Rao, Controller of Examinations (CoE) for Next Three Academic Years
  - Dr.K.Harinadha Reddy-Vice-Principal, Dr. P. Lovaraju-Dean-Academics and Dr.E.V.Krishna Rao-Dean-R&D

**Decision:** Ratified

**(k) Any other item with the permission of Chair**

- Chairman informed about the establishment of facilities for alternate energy resources and energy conservation.
- Chairman informed about the green and eco-friendly campus initiatives.

The following suggestions have been made by the Academic Council members.

- Dr. R. Sreenivasa Rao suggested having uniform evaluation system and keeps following University guidelines for Grade Points to Percentage conversions. He also further suggested not including any marks for attendance in the upcoming R20 Regulations.
- Dr. V. Ravindra has suggested improving quality of R & D activities including proposals without getting into any sort of Plagiarism issues as there may be chances of block listing PI for financial assistance permanently to the Govt. funding agencies.
- Dr. L. Sumalatha has recommended new UG program "Artificial Intelligence and Data Science (AI & DS)", but she advised to rethink of adding another program "Computer Science & Business System (CS & BS) in association with TCS" as it associates with only one specific company i.e. TCS.
- Dr. R. Sreenivasa Rao and Dr. L. Sumalatha advised to carry out online courses only through MOOCS (NPTEL, SWAYAM) and equivalency grade point procedures for such online courses should also be formulated properly. Further recommended, don't include detention at II year in upcoming R20 Regulations.

The chairman has considered the meeting as brainstorming and so thankful for the constructive comments given Members particularly in connection with R20 Regulations. The Chairman has expressed his happiness for exceptional guidance being extended by all the members for overall development of the Institution.

**Date:** 26-03-2020

*A. M. S. 26-3-2020.*  
Principal & Chairman of Academic Council