



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.lbree.ac.in> Email: hodnero@lbree.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.


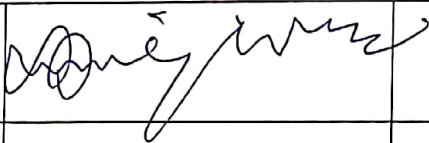
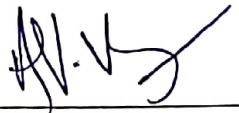
Industrial Aerodynamics: Syllabus has to be prepared based on the application (Non-Aerospace) such as Building, Automobile, Wind Turbine, Bird Aerodynamics and Sports Aerodynamics.

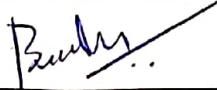
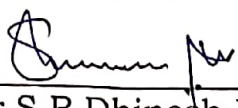

Computational Fluid Dynamics: A text book on "Computational Fluid Dynamics and Heat Transfer" by Dr.S Thanigaiarasu may be considered as text book.

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