



Sant Dynaneshwar Shikshan Sanstha's  
**Annasaheb Dange College of Engineering and Technology, Ashta**  
(An Autonomous Institute)  
**DEPARTMENT OF AERONAUTICAL ENGINEERING**

**Minutes of the Fourth Board of Studies Meeting held on 01st December  
2019 at 11:00 AM in the Department Meeting Room, ADCET, Ashta.**

**Members Present:**

|    |                         |   |                                  |
|----|-------------------------|---|----------------------------------|
| 1  | Dr. S. A. I. Bellary    | - | Chairman                         |
| 2  | Dr. Rajkumar S. Pant    | - | Member - Vice Chancellor Nominee |
| 3  | Dr. Premkumar           | - | Member - Academic Expert         |
| 4  | Dr. Kamlesh V. Kulkarni | - | Member                           |
| 5  | Dr. N. V. Raghavendra   | - | Member                           |
| 6  | Mr. K. M. Kiran Babu    | - | Member Secretary                 |
| 7  | Mr. Sanoj P Suresh      | - | Member                           |
| 8  | Mr. Reju R              | - | Member                           |
| 9  | Ms. Pooja B. Patil      | - | Member                           |
| 10 | Mr. Sushant D. Sale     | - | Member                           |
| 11 | Mr. Kalpit P. Kaurase   | - | Member                           |
| 12 | Mr. Yogesh B. Kumbhar   | - | Member                           |

Dr. S. A. I. Bellary, Chairman (BOS), & Head of Aeronautical Engineering Department chaired the meeting and welcomed all the members to the Fourth Board of Studies Meeting of the Department of Aeronautical Engineering. He introduced all the members of the panel to each other. Prof. Rajkumar S. Pant, Vice-Chancellor Nominee for the BoS joined the meeting through the video conference.

He informed all the members about the conferment of the Accreditation by the NBA, New Delhi for the period of three years for the years 2019 - 20, 2020 - 21, and 2021 - 22. The Minutes of the 3rd Board of Studies Meetings and the actions taken thereon were reported to the members of the BoS.

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| <b>ITEM No: 04-BOS-1.3</b>   |  |
| <b>To discuss and finalize the detailed syllabus of Final Year B.Tech Aeronautical Engineering for the Academic Year 2020 - 2021.</b>  |  |
| <ul style="list-style-type: none"><li>The detailed syllabus of the Final Year B.Tech Aeronautical Engineering for the Academic Year 2020 - 2021 of the 192 credits program curriculum structure was presented before the members of the BoS.</li></ul> |  |





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- After the due deliberations and discussions the following comments were made by the external BoS Members, while preparing the list of elective courses, there is a need to verify whether the elective course is available on the MOOCs platforms so that students can refer to the MOOCs for elective courses.
- The Space Dynamics course in the eight semester was suggested to be shifted to the seventh semester in the place of Program Elective II and swap the same to eighth semester as the Space Dynamics course is an important course in GATE preparation, it would be apt if we cover it in the Seventh Semester.
- The BoS Members also suggested to offer Program Elective II and Program Elective III for the students who are academically performing so that they can be relatively free in their eight semester and can go for Industry based projects/Internships for a longer duration.
- The BoS resolved that the suggestions made by the BoS will be included and will be sent for the approval in the AAC.

**For Approval of  
Academic  
Council**

**ITEM No: 04-BOS-1.4**

**To discuss and finalize the First Revision of Program Structure of Second Year, Third Year and Final Year of B.Tech Aeronautical Engineering comprising of 170 Credits**

- The detailed program curriculum structure of the 170 credits structure and the detailed syllabus of the S.Y B.Tech for the academic year 2020 - 2021 was presented to the members of the BoS.
- After the deliberations and discussions among the members of the BOS, the following comments and suggestions were made.
- The Theory and Laboratory courses were initially separated with two course codes and the BoS members suggested they should be clubbed, so that faculty and students can strongly correlate the theory course and the laboratory part of the same. This also helps in the effective implementation of the Outcome Based Assessment.

**For Approval of  
Academic  
Council**

**For Approval of  
Academic  
Council**

**HOD**

  
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| <ul style="list-style-type: none"><li>• One Hour of Tutorial hours is suggested for the Mechanics of Material course keeping its mathematical nature in mind.</li><li>• The BOS Panel Resolved to recommend to the Academic Advisory Council (AAC) the proposed Evaluation scheme of the Second Year to Final Year B.Tech Aeronautical Engineering for the approval of AAC, which was discussed in detail.</li></ul> |  |
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| <b>ITEM No: 04-BOS-1.5</b>   | <b>For Approval of Academic Council</b> |
| <b>To discuss and modify the syllabus of 0AEPC209 - Aerodynamics - I, 0AEPC307 - Computational Fluid Dynamics for the Even Semester of Academic Year 2019 - 2020</b><br><b>-(Annexure - III)</b>   |   |
| <ul style="list-style-type: none"><li>• The syllabus of 0AEPC209 - Aerodynamics I and 0AEPC307 - Computational Fluid Dynamics were considered for the modifications based on the recommendations made by the respective course coordinators, as the modifications were minor the BoS Members dint not raise any objection and the same will be sent for the approval of AAC.</li></ul> |   |

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| <b>ITEM No: 04-BOS-1.6</b>   | <b>For Approval of Academic Council</b> |
| <b>To discuss and analyze the Autonomous Results of the Academic Year 2018 - 2019</b>  |   |
| <ul style="list-style-type: none"><li>• The Departmental Exam Coordinator made a presentation of the results of the Academic Year 2018 - 2019 before the members of the BoS. The results were satisfactory, the BoS members suggested to focus the examinations more on the Higher Cognitive Levels.</li></ul> |   |

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| <b>ITEM No: 04-BOS-1.7</b>  | <b>For Approval of Academic Council</b> |
| <b>To discuss and analyze the Placement and Higher Education statistics of Academic Year 2018 - 2019</b>  |   |
| <ul style="list-style-type: none"><li>• The Training and the Placement Coordinator presented the report of Placement and Higher Education statistics of Academic Year 2018 - 2019, highlighting the Oncampus and Offcampus placement drives and offers received by the students.</li><li>• The number of students enrolled in the higher education is less and the BoS members emphasized on encouraging the students to appear for the GATE Examination.</li></ul> |   |





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| <b>ITEM No: 04-BOS-1.8</b>   | <b>For Approval of<br/>Academic<br/>Council</b> |
| <b>GATE Examination &amp; Preparation</b>  |   |
| <ul style="list-style-type: none"><li>The panel members discussed on the emphasis of GATE Examination and suggested to develop the culture of GATE appearing among all the students of the department, and the panel appreciated the work done by all faculty members, for developing curriculum keeping in mind the GATE Syllabus</li></ul> |   |

The meeting ended with the Vote of Thanks by Dr. S. A. I. Bellary, Chairman (BOS).

### Summary of the 04<sup>th</sup> Board of Studies Meeting

The First Revision of the Curriculum was to be carried out with the Inputs of AICTE Model Curriculum, the Existing Curriculum, The Inputs from the Industry and Alumni. The following are the significant changes in the curriculum.

1. Open Electives have increased compared to the previous curriculum, to promote the interdisciplinary knowledge among the students.
2. Self Learning Courses of 1 Credit is included in the curriculum to promote Life-Long Learning Skill among the students.
3. The Program structure is designed such that all the courses that are related to the GATE examination are covered by the sixth semester so that students will be fully prepared for the GATE Examination by the beginning of the Seventh Semester.
4. The Elective Courses are framed with a policy of having each course of specialization domains in the program Aerodynamics, Propulsion, Structures, Aviation and Maintenance and the also the elective courses which are available on the MOOCs platforms so that students can refer to the MOOCs for elective courses.

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