

# Mahendra Engineering college (Autonomous)

## Department of Aeronautical Engineering Board of studies Meeting

Date and Time : 01.03.2019 @ 11.00 AM

Venue : Board Room

### Agenda

1. Revision / Amendment if any, in the curriculum/ syllabi of Regulation - 2017 and 2019 (UG - Programme - syllabi upto four semesters) keeping in view the objectives / vision / mission of the college and department, interest of the stakeholder and National requirement.
2. Framing the syllabi for R2017 UG programme - 5 to 8 semesters.
3. Framing the curriculum for Regulation - 2019 UG programme (AICTE model curriculum and syllabi are attached herewith)
4. Framing the syllabi for R2019 UG programme (1 to 4 semester)
5. Methodologies for innovative teaching and Evaluation techniques.
6. Suggestions for panel of names for appointment of Examiners (template is attached for providing the details)
7. Academic, co-curricular and Extra curricular activities and credit Allotment for various

activities like NPTEL online courses, industrial training and industry co-teaching courses, etc..

8. Any other with the permission of

Members Present

1. Dr. C. Dharamani  
HOD/ Aeronautical Engineering - MEE - Chairman of BOS - ~~Member~~ Nominee  
11/3/19

2. Dr. V. Arumugam  
Associate Professor,  
Department of Aeronautical Engineering  
Mahendra Institute of Technology  
Anna University, Chennai-44  
Anna University Nominee  
11/3/19

3. Dr. P. Parthiban  
Professor  
Department of production Engineering  
NIT - Trichy  
Academic Expert  
11/3/19

4. Dr. V. Shanmugam  
Dean, school of Mechanical Sciences  
Mechanical Engineering  
MEE, Namakkal  
Academic Expert  
11/3/19

5. Dr. K. Suresh - Industry -  
 Manager (stress Group) - Expert -  
 Aircraft Research and  
 Design center  
 HAL, Bangalore.

6. Dr. P. Saravanan - Member -  
 Professor, (Allied -  
 Mechanical and Department)  
 Automation Engg.

*P. Saravanan*  
1/3/19

7. Mrs. J. Mythili - Member -  
 Assistant Professor (Senior  
 Aeronautical Engineering Faculty)  
 Mahendra Engineering college

*J. Mythili*  
1/3/19

8. Mr. S. Vinodh - Member -  
 Assistant Professor (Senior  
 Aeronautical Engineering Faculty)  
 Mahendra Engineering college

*S. Vinodh*  
1/3/19

9. Ms. Alamey Natchiyar - Alumni -  
 B.E, Aeronautical  
 Engineering  
 Mahendra Engineering college

*Alamey Natchiyar*  
1/3/19

10. M. Anuratha - student -  
 B.E - Final year  
 Aeronautical Engineering  
 Mahendra Engineering college

*M. Anuratha*  
1/3/19

# Bos - Minutes of Meeting

Date : 01.03.2019

In the beginning of the Meeting, the Chair person of the Bos Dr. C. Dharamani welcomed all the Members and briefed them about the progress of the Department of Aeronautical Engineering.

The Academic Matters were discussed and the following recommendations were made

1. Depending upon the Experiments for the Laboratory, credits to be given, if it is 10 Experiments in the Laboratory, the credits assigned for the Lab is 2.
2. For first semester students, Python programming and Machine Learning is very important and it should be kept as a compulsory Elective.
3. Strength of Materials and Aircraft structures can be merged as a single subject.
4. Rocket & Missiles and Helicopter Aerodynamics should be as a core subject not as a Elective.
5. Syllabus for all the subjects should be framed based upon the Industrial requirement.

6. On considerations of GATE syllabus, Aircraft performance and stability is more important, so, that flight dynamics subject is separated into Flight Dynamics I & Flight Dynamics II

7. Because of the weightage of the subject vibration and Aeroelasticity, it is divided into two subjects as Aero vibrations and theory of Elasticity.

8. The importance of the subjects - Mechanics of Machines and Finite Element Method compared in Aero field is very low and it can be rejected from Regulation 2019


9. Production technology can be named as production process for Aeronautical Engineering and it should be kept as compulsory elective in Regulation 2019.

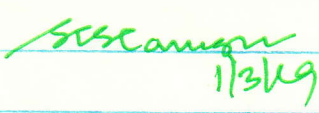
10. Aircraft system & Instrumentation and Elements of Aeronautics can be merged as one subject in third semester which consists of 1, 2, 3 units from Element of Aeronautics and 4, 5 units for Aircraft system & Instrumentation.

11. Guest Lectures must be arranged for Non-credit courses for each unit and complete the syllabus.
12. Theory of Machines can be kept as a elective subject not as a core subject.
13. Instead of Rocket and Missiles, we can name as Rocket and space Mechanics which should be kept as a core subject.
14. The topic "Failure of joint" in strength of Materials should be kept as compulsory in the subject.


Finally, Bos Chairman thanked all the Members for their valuable suggestions and support for the successful conduct of the Bos Meeting.


Members present & signature :

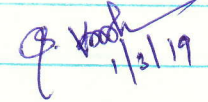
1. Dr. P. Parthiban - 

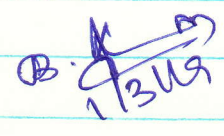
2. Dr. V. Dharmugam -  1/3/19

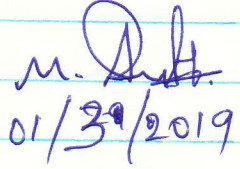
3. Dr. K. Suresh - -

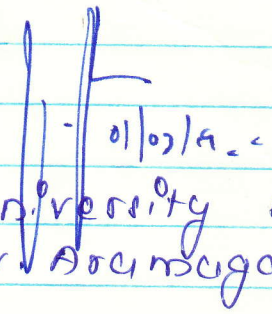
4. Dr. P. Saravanan -  1/3/19

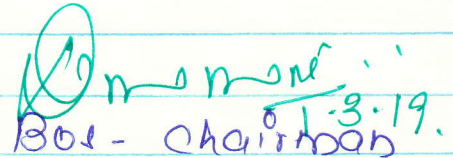
5. Mr. J. Mythili -  1/3/19

6. Mr. S. Vinodh -  1/3/19

7. Ms. Alamelu Natchiyar -  1/3/19

8. M. Anuratha -  01/3/2019

  
Anna University Nominee  
(Dr. V. Dharmugam)

  
01-3-19  
Bos - Chairman  
(Dr. C. Dharaman)