



# SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

(DEEMED TO BE UNIVERSITY)

Accredited with "A" Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55 Fax: 044 - 2450 2344

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)



## BOARD OF STUDIES MEETING HELD ON 16.12.2017

### Members present:

External Members	Signature	Internal Members	Signature
Dr.Paramasivam, Professor, Madras Institute of Technology, Chennai		Dr.S.Prakash, Dean/Faculty of Mechanical	
Er. James Michael Amulu, Senior Product, Development, Leader, SAP, Bangalore.		Dr.J.Alexander, Head/Aeronautical Engineering	
		Dr.A.Anderson, Associate Professor/ Aeronautical Engineering	
		Mr.S. Manigandan, Assistant Professor/ Aeronautical Engineering	



# **SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

(DEEMED TO BE UNIVERSITY)

Accredited with "A" Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55 Fax: 044 - 2450 2344

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)



## **Minutes of the Board of Studies meeting**

Board of Studies meeting for the Department of Aeronautical Engineering was held on 16<sup>th</sup> Dec 2017 in Aero CAD Lab with the following agenda:

1. Introduction of a new course titled "SAEX1037-Aircraft Navigation, Guidance and Control" as an elective course in B.E-Aeronautical Engineering Curriculum.
2. Introduction of a new course titled "SAEX1021-Rockets and Missiles" as core Theory course in B.E-Aeronautical Engineering Curriculum.

### **Welcome Address**

Dr.S.Prakash welcomed the members of BoS and placed the agenda for the deliberations of the members. The following decisions were made as per the items of the circulated agenda.

### **Introduction of new courses titled "SAEX1037-Aircraft Navigation, Guidance and Control and SAEX1021-Rockets and Missiles" as core courses in B.E-Aeronautical Engineering Curriculum.**

As suggested by the Academic Expert new theory courses and elective courses were introduced as core courses are very much important in the Flight Navigation and guidance Unit, International Civil Aviation Organization communication radio controller, flight planning charts, aeronautical charts and its utilization. Dr.Paramasivam stated that the suggested the elective courses is very much important in study of Rocket engines, classification of missiles, operating conditions for rockets and missiles carrying propellants and Manoeuvring in high speeds.

This initiative is appreciated by BoS members and after a discussion about the contents of the syllabus; the course was approved for inclusion as core courses in the Curriculum. BoS members accepted the course and approved the syllabus.

The syllabus of the course is enclosed in Annexure-1

### **Vote of Thanks**

The meeting concluded with a vote of thanks by Dr.Alexander, Head of the department, Department of Aeronautical Engineering. He thanked the expert members for accepting the invitation and attending the BoS meeting. He also thanked Dr.S.Prakash, Dean/Chair and Dr.A.Anderson, Associate Professor for their contribution towards the conduct of this BoS meeting.

A handwritten signature in black ink, appearing to read 'S. Prakash', is enclosed in a thin black rectangular border.

Dean/CHAIR



# SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

(DEEMED TO BE UNIVERSITY)

Accredited with "A" Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55 Fax: 044 - 2450 2344

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)



## BOARD OF STUDIES MEETING HELD ON 22.06.2017

### Members present:

External Members	Signature	Internal Members	Signature
Dr.Paramasivam, Professor, Madras Institute of Technology, Chennai		Dr.S.Prakash, Dean/Faculty of Mechanical	
Er. James Michael Amulu, Senior Product, Development Leader, SAP, Bangalore.		Dr.J.Alexander Head/Aeronautical, Engineering	
		Dr.A.Anderson, Associate Professor/ Aeronautical Engineering	
		Mr. S. Manigandan, Assistant Professor/ Aeronautical Engineering, Aeronautical Engineering	



# **SATHYABAMA**

**INSTITUTE OF SCIENCE AND TECHNOLOGY**

(DEEMED TO BE UNIVERSITY)

Accredited with "A" Grade by NAAC

Jeppiaar Nagar, Rajiv Gandhi Salai, Chennai - 600 119.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55 Fax: 044 - 2450 2344

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)



## **Minutes of the Board of Studies meeting**

---

Board of Studies meeting for the Department of Aeronautical Engineering held on 22<sup>nd</sup> June 2017 in Aero CAD Lab with the following agenda:

1. Introduction of a new courses "SAEX4001-Aero CAD Lab – I" as a Laboratory in B.E-Aeronautical Engineering Curriculum.
2. Introduction of a new courses "SAEX4004-Aero Modelling Lab" as a Laboratory in B.E-Aeronautical Engineering Curriculum.
3. Introduction of a new elective courses in B.E-Aeronautical Engineering Curriculum.

### **Welcome Address**

Dr.S.Prakash welcomed all the members who were present for the meeting and placed the agenda for the deliberations of the members. The following decisions were made as per the items of the circulated agenda.

**Introduction of new courses titled "SAEX4001-Aero CAD Lab – I and SAEX4004-Aero Modelling Lab" as Laboratory courses in B.E-Aeronautical Engineering Curriculum.**

**Introduction of new elective courses titled "SAEX1036-Advanced Control System Design for Aerospace Vehicles and SAEX1038-Flight Control Systems Design" as core electives in B.E-Aeronautical Engineering.**

Er. James Michael Amulu suggested that the laboratory courses introduced will help the students to have an hands on experience in design of Aircraft components and systems, Fabrication of Aero model and Aerobatic model RC's, Calibration and testing of RC model and its units.

Dr.Paramasivam suggested some corrections in the syllabus and stated that the control system subjects will be helpful for the students to know about the Flight control system Unit, Advanced control systems used in Aerospace vehicles with wireless data transfer communication.

This initiative is appreciated by BoS members and after a discussion about the contents of the syllabus; the course was approved for inclusion as core courses in the Curriculum. BoS members accepted the changes and approved the syllabus. The syllabus of the course is enclosed in Annexure-1

### **Vote of Thanks**

The meeting concluded with a vote of thanks by Dr.Alexander, Head of the department, Department of Aeronautical Engineering. He thanked the expert members for accepting the invitation and attending the BoS meeting. He also thanked Dr.S.Prakash, Dean/Chair and Dr.A.Anderson, Associate Professor for their contribution towards the conduct of this BoS meeting.



Dean/CHAIR