



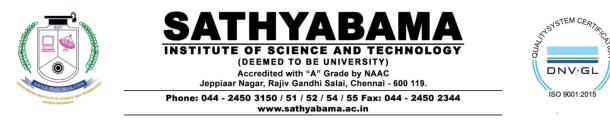
#### SCHOOL OF MECHANICAL ENGINEERING

## DEPARTMENT OF AERONAUTICAL ENGINEERING

## **BOARD OF STUDIES MEETING HELD ON 14.12.2019**

#### Members present:

<b>External Members</b>	Signature	Internal Members	Signature
Dr. Paramasivam Professor, Madras Institute, of Technology, Chennai	Remal	Dr.S. Prakash, Dean/Faculty of Mechanical	S. P.L.
Er. James Michael Amulu, Senior Product Development Leader, SAP, Bangalore	Vand.	Dr.P. Boomadevi, Head/Aeronautical Engineering	Bondomi
		Dr.A. Anderson, Associate Professor, Aeronautical Engineering	-Afains
		Dr. S. Manigandan, Assistant Professor, Aeronautical Engineering	Sul
		Mr. P. Gunasekaran, Assistant Professor, Aeronautical Engineering	ef.



Board of Studies meeting for the Department of Aeronautical Engineering was held on 14<sup>th</sup> December 2019 in Aero CAD Lab with the following agenda:

- 1. Introduction of a new course titled "SAEA1303 Aircraft Systems and Instruments" as Theory in B.E-Aeronautical Engineering Curriculum
- Introduction of a new course titled "SAEA1503 Computational fluid dynamics for Aerospace applications" as Theory in B.E-Aeronautical Engineering Curriculum.
- 3. Introduction of a new course titled "SAEA1702 Unmanned Aerial Vehicle Design" as Theory in B.E-Aeronautical Engineering Curriculum.
- 4. Introduction of new Elective theory courses in B.E-Aeronautical Engineering Curriculum.

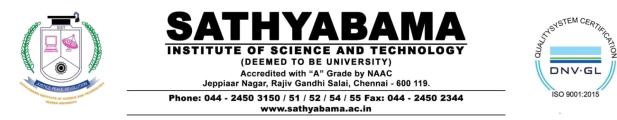
#### Welcome Address

At the onset of the meeting, Dr.S.Prakash, Dean, school of Mechanical Engineering 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 a new courses titled "SAEA1303 Aircraft Systems and Instruments, SAEA1503 Computational fluid dynamics for Aerospace applications and SAEA1702 Unmanned Aerial Vehicle Design" as core courses in B.E-Aeronautical Engineering Curriculum

Introduction of new Elective core courses SMEA3001 Additive Manufacturing SAEA3014 Boundary layer theory SAEA3015 High-temperature Materials SAEA3016 Flight vehicles Guidance and Control SAEA3017 Manned space mission SAEA3019 Orbital Mechanics

As suggested by the Academic Expert new theory courses and professional core electives were introduced as core courses are very much important in Aircraft systems and



maintenance division, flow through nozzles for Aerospace Applications, aerodynamic heating of thermal insulated space capsules and space ships, and Unmanned Aerial systems installation and calibration of sensors utilized in Unmanned Aerial Vehicles.

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

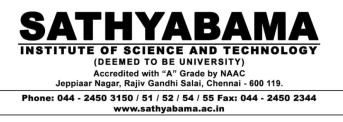
#### **Vote of Thanks**

Dr.P.Boomadevi thanked the expert members for accepting the invitation for attending the BoS meeting. She thanked them for their valuable suggestions on the agenda items presented. She also thanked Dr.S.Prakash, Dean/Chair and Dr.A.Anderson, Associate Professor for their contribution towards the conduct of this BoS meeting

S. Pr.

Dean/CHAIR





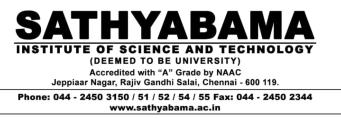


# SCHOOL OF MECHANICAL ENGINEERING DEPARTMENT OF AERONAUTICAL ENGINEERING BOARD OF STUDIES MEETING HELD ON 15.06.2019

## Members present:

External Members	Signature	Internal Members	Signature
Dr. Paramasivam		Dr.S. Prakash,	SP
Professor, Madras	2 and	Dean/Faculty of	S. Tele .
Institute, of Technology,	pres.	Mechanical	
Chennai			
Er. James Michael	1 1-	Dr.P. Boomadevi,	021.
Amulu, Senior Product	Lasset.	Head/Aeronautical	Condomi
Development Leader,		Engineering	
SAP, Bangalore			
		Dr.A. Anderson,	the c
		Associate Professor,	-stains
		Aeronautical	00100
		Engineering	
		Dr. S. Manigandan,	1
		Assistant Professor,	Cul
		Aeronautical	
		Engineering	
		Mr. P. Gunasekaran,	$\square$
		Assistant Professor,	05-
		Aeronautical	T
		Engineering	







Board of Studies meeting for the Department of Aeronautical Engineering was held on 15<sup>th</sup> June 2019 in Aero CAD Lab with the following agenda:

1. Introduction of a new course titled "SMEA2201 Workshop Practice" as Laboratory in B.E-Aeronautical Engineering Curriculum

2. Introduction of a new course titled "SAIC4001 Industry 4.0" as Theory in B.E-Aeronautical Engineering Curriculum.

3. Introduction of a new course titled "S19APT2 Interdisciplinary project" as a practical course in the B.E-Aeronautical Engineering Curriculum.

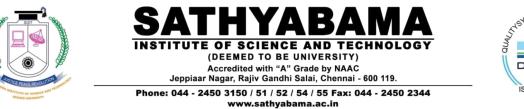
4. Introduction of a new course titled "SAEA2602 Aircraft Engine Maintenance and Repair Lab" as Laboratory in the B.E-Aeronautical Engineering Curriculum.

### 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 "SMEA2201 Workshop Practice, SAIC4001 Industry 4.0, S19APT2 Interdisciplinary project and SAEA2602 Aircraft Engine Maintenance and Repair Lab" as core courses in B.E-Aeronautical Engineering Curriculum

As suggested by the Academic Expert new theory courses and laboratory courses were introduced as core courses are very much important in Aircraft Engine repair and maintenance division, current trends in the handling of equipment in Industries Manufacturing sectors of aerospace industries, and manufacturing of space ships, and Unmanned Aerial Vehicles.





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 and approved the syllabus. The syllabus of the course is enclosed in Annexure-1

## **Vote of Thanks**

Dr.P.Boomadevi thanked the expert members for accepting the invitation for attending the BoS meeting. She thanked them for their valuable suggestions on the agenda items presented. She also thanked Dr.S.Prakash, Dean/Chair and Dr.A.Anderson, Associate Professor for their contribution towards the conduct of this BoS meeting

S. Pr.

Dean/CHAIR