



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



SCHOOL OF MECHANICAL ENGINEERING

DEPARTMENT OF AERONAUTICAL ENGINEERING

BOARD OF STUDIES MEETING HELD ON 27.06.2020

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.P. Boomadevi, Head/Aeronautical Engineering	
		Dr.A. Anderson, Associate Professor, Aeronautical Engineering	
		Dr. S. Manigandan, Assistant Professor, Aeronautical Engineering	
		Mr. G. Madhan Kumar, 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



Board of Studies meeting for the Department of Aeronautical Engineering was held on 27th June 2020 through virtual mode (zoom) with the following agenda:

1. Introduction of a new course titled “**Aircraft Design Project Lab**” as a Laboratory in B.E-Aeronautical Engineering Curriculum
2. Introduction of a new course titled “Industry 4.0 for Design and Manufacturing” in B.E-Aeronautical Engineering Curriculum

Welcome Address

Dr.S.Prakash, Dean, school of Mechanical Engineering chaired the meeting and welcomed all the members to the BOS meeting. He also introduced the Academic staff members Sathyabama Institute of science and Technology. At the outset, he informed the members about the academic activities and newly introduced courses in this curriculum. Having confirmed the quorum of the meeting, the agenda of the meeting was taken up for discussion. The following points were discussed during the meeting:

Agenda1:

Introduction of a new course titled “Aircraft Design Project Lab” as an Laboratory in B.E-Aeronautical Engineering Curriculum

As suggested by the industry expert Er. James Michael Amulu, the new lab course was titled “Aircraft Design Project Lab” will be very much important for real time experience in field of Aircraft design.

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

The syllabus of the course was enclosed in Annexure-I



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



Agenda 2: Introduction of a new course titled “Industry 4.0 for Design and Manufacturing” in 4th Semester of B.E-Aeronautical Engineering Curriculum

BoS external members stressed the importance of Industry 4.0 for Design and Manufacturing in the Aeronautical and Aerospace industries and as per their advice the new course titled “Industry 4.0” was included in the curriculum.

BoS members approved the introduction of the new course titled “Industry 4.0 for Design and Manufacturing ” as a core course in 4th semester after careful discussion of the contents in the syllabus

The syllabus of the course was 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 and Dr.A. Anderson, Associate Professor for their contribution towards the conduct of this BoS meeting.


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



SCHOOL OF MECHANICAL ENGINEERING
DEPARTMENT OF AERONAUTICAL ENGINEERING
BOARD OF STUDIES MEETING HELD ON 21.12.2020

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.P. Boomadevi, Head/Aeronautical Engineering	
Madras Flying Club, Chennai		Dr.A. Anderson, Associate Professor, Aeronautical Engineering	
		Dr. S. Manigandan, Assistant Professor, Aeronautical Engineering	
		Mr. G. Madhan Kumar, 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



Minutes of the Board of Studies meeting

Board of Studies meeting for the Department of Aeronautical Engineering was held on 21st December 2020 through virtual mode (zoom) with the following agenda:

1. Introduction of a new course titled "Heat Transfer Techniques" as core elective in B.E-Aeronautical Engineering Curriculum

Welcome Address

Dr.S.Prakash, Dean, school of Mechanical Engineering chaired the meeting and welcomed all the members to the BOS meeting. He also introduced the Academic staff members Sathyabama Institute of science and Technology. At the outset, he informed the members about the academic activities and newly introduced courses in this curriculum. Having confirmed the quorum of the meeting, the agenda of the meeting was taken up for discussion. The following points were discussed during the meeting:

Introduction of a new course titled "Heat Transfer Techniques" as a Professional core Elective in B.E-Aeronautical Engineering Curriculum

As suggested by the Academic Expert a new theory course was introduced as a Professional core Elective titled "Heat Transfer Techniques" as this course is very much important in Aero engine division and flow through nozzles for Aerospace Applications.

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

Dean/CHAIR