EXCEL ENGINEERING COLLEGE
(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA and NAAC with "A+"and Recognized by UGC(2f&12B)
KOMARAPALAYAM - 637303

DEPARTMENT OF AERONAUTICAL ENGINEERING

THIRD BOARD OF STUDIES

MINUTES OF MEETING

Meeting No : EEC/AERO/BoS/3
Date : 25.02.2022
Time : 02.30 pm
Venue : Online Mode (Via Zoom meeting)
Link : https://us02web.zoom.us/j/8848481566?pwd=ckZYRWI0SVF5VnlWbTBseU5Wck5LQT09
ID : 884 848 1566
Pass code : excel@123

Agenda:

1. To discuss and pass the **syllabi of the courses of III year B.E. Aeronautical Engineering Programme** for the students admitted from 2020-21 academic year onwards under Regulation 2020.
2. To discuss and pass the **Syllabi of Professional Elective courses offered for B.E.Aeronautical Engineering Programme** for the students admitted from 2020-21 academic year onwards under Regulation 2020.
3. To discuss and pass the **Syllabi of Open Elective courses** offered to other programme students admitted from the academic year 2020-21 onwards under Regulation 2020.
4. To discuss and pass the **Syllabi of One credit courses** offered during V and VI semester of B.E Aeronautical Engineering Programme for the students admitted from 2020-21 academic year onwards under Regulation 2020.
5. To discuss and pass the syllabi of the courses of **II year M.E. Industrial Safety Engineering Programme** for the students admitted from 2021-22 academic year onwards under Regulation 2020.
6. To discuss and pass the **curriculum of the M.E. Aeronautical Engineering Programme** for the students admitted from 2022-23 academic year onwards under Regulation 2022.

7. To discuss and pass the **syllabi of the courses of I year M.E. Aeronautical Engineering Programme** for the students admitted from 2022-23 academic year onwards under Regulation 2022.
8. To discuss and pass the **curriculum of the M.E. Industrial Safety Engineering Programme** for the students admitted from 2022-23 academic year onwards under Regulation 2022.
9. To discuss and pass the **syllabi of the courses of I year M.E. Industrial Safety Engineering Programme** for the students admitted from 2022-23 academic year onwards under Regulation 2022.
10. To discuss and pass the **Syllabi of subjects for Ph.D Course work**.
11. Any other Matters.

Resolutions

1. Resolved that the following recommendations may be passed to the standing committee of the Academic Council for the curriculum and syllabi of B.E. Aeronautical Engineering programme with the following changes.

Semester- V & VI – B.E (Aero) R2020

RECOMMENDATION	RESOLUTION
B.IS.3.1. Mr.Ramanathan recommended to include the topics **Design of wings, Ribs & Joints** in the course **Aircraft Structural Analysis**.	**B.IS.R 3.1.** The topics **Design of wings, Ribs & Joints** have been included in the course **Aircraft Structural Analysis**.
B.IS.3.2. Mr.Thirungnana Sambandam recommended to include the topic **loads of aircraft** in any of the theory courses.	**B.IS.R 3.2.** The topic **loads of aircraft** has been included in the course **Aircraft Structural Analysis**.
B.IS.3.3. Mr. Ramanathan recommended to include the topics **Spin tunnel, Trisonic wind tunnel and Aeroballistic range (ABR)** in the course **Wind Tunnel Techniques**.	**B.IS.R 3.3.** The topics **Spin tunnel, Trisonic wind tunnel and Aeroballistic range (ABR)** have been included in the course **Wind Tunnel Techniques**.
B.IS.3.4. Mr. Ramanathan recommended to change the **theory course Hyper mesh** as a **practical course**.	**B.IS.R 3.4.** **Hyper mesh exercises** has been included in the practical course **Analysis and Simulation Laboratory.**
B.IS.3.5. Mr. Ramanathan recommended to include the topic **difference between missiles, rockets, drones and UAV** in the course **Rockets and Missiles**.	**B.IS.R 3.5.** The topic **difference between missiles, rockets, drones and UAV** has been included in the course **Rockets and Missiles**.

Semester- III – M.E (ISE) R2020

RECOMMENDATION	RESOLUTION
B.IS.3.6. Mr.Thirungnana Sambandam recommended to **remove the elective course Research Methodology** as the topics available in the course **Research Methodology and Intellectual Property Rights**.	**B.IS.R 3.6.** As per the suggestion the elective course **Research Methodology** has been removed and the syllabus of the course **Research Methodology and Intellectual Property Rights** has been revised.

Semester- I & II – M.E (Aero) R2022

RECOMMENDATION	RESOLUTION
B.IS.3.7. Mr.Thirungnana Sambandam recommended to include the course **Advanced Composite Materials** in the curriculum.	**B.IS.R 3.7.** The course **Advanced Composite Materials** has been included as an elective subject in the curriculum.

Semester- I & II – M.E (ISE) R2022

RECOMMENDATION	RESOLUTION
B.IS.3.8. Mr.Thirungnana Sambandam recommended to **remove the elective course Research Methodology** in the curriculum as the topics will be available in the course **Research Methodology and Intellectual Property Rights**.	**B.IS.R 3.8.** As per the suggestion the elective course **Research Methodology** has been removed in the curriculum as the topics will be included in the course **Research Methodology and Intellectual Property Rights**.

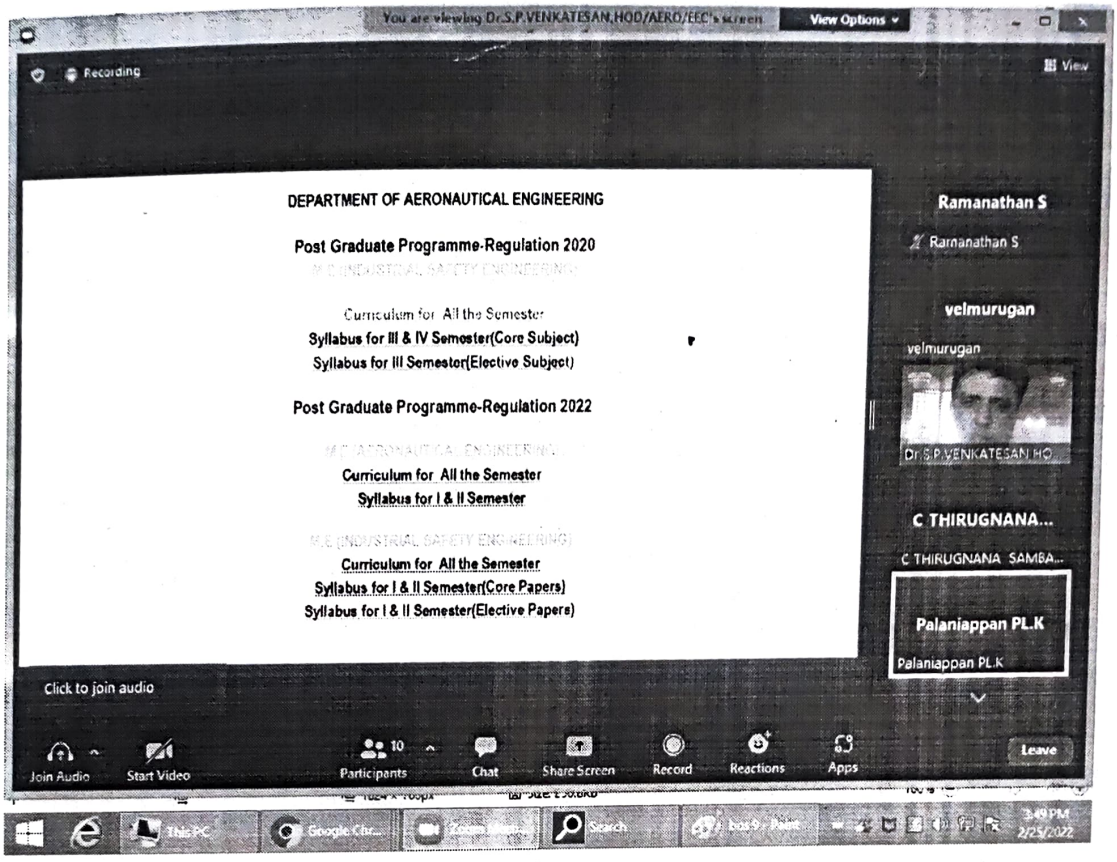
General Points

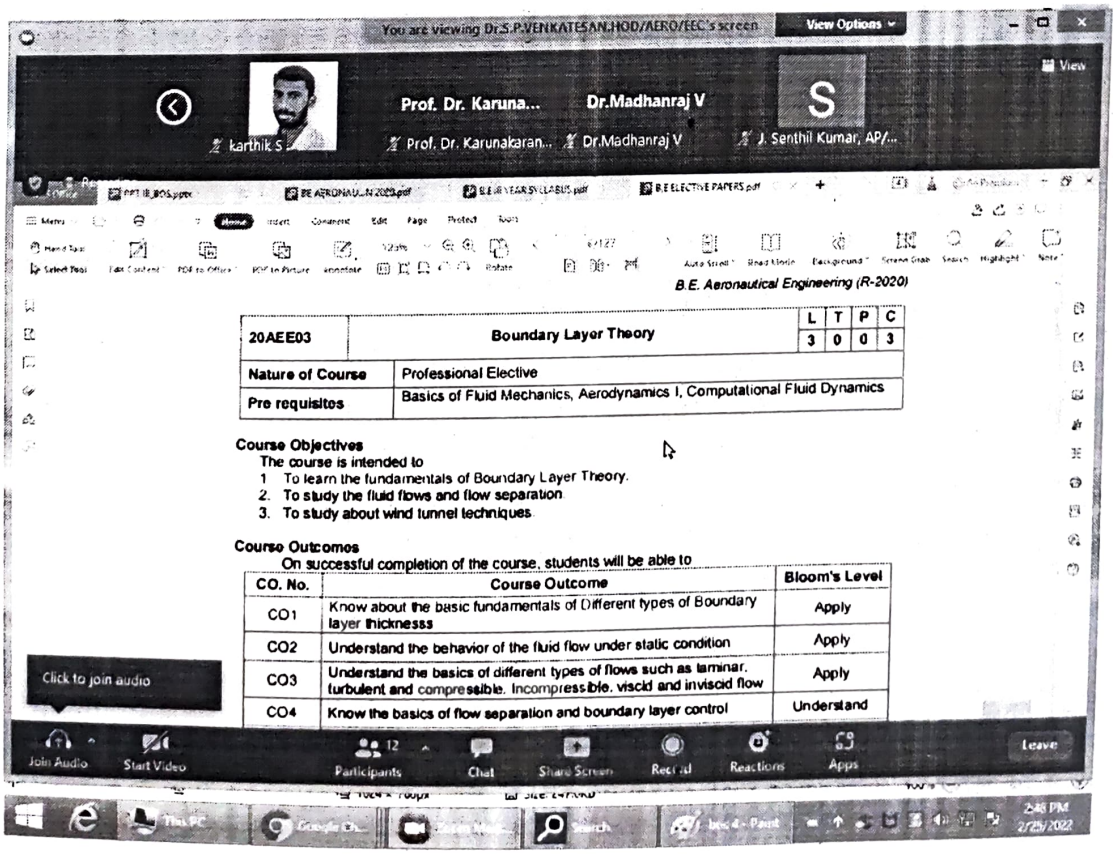
RECOMMENDATION	RESOLUTION
B.IS.3.9. Dr.P.L.K.Palaniappan recommended to verify the **CO-PO mapping and blooms level** in all the courses.	**B.IS.R 3.9.** As per the recommendation the **CO-PO mapping and blooms level** has been verified and updated in all the courses.

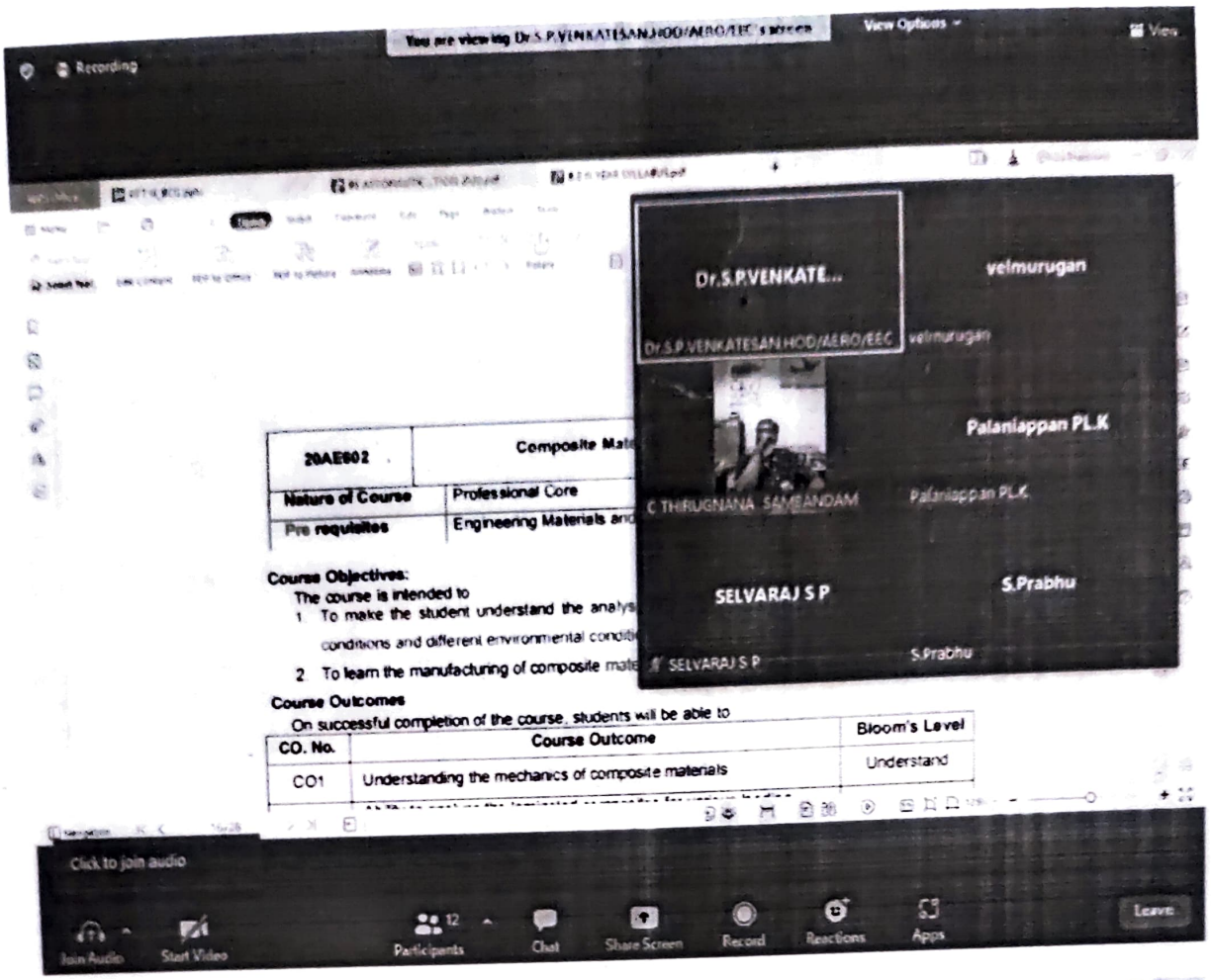
Chairman - Board of Studies

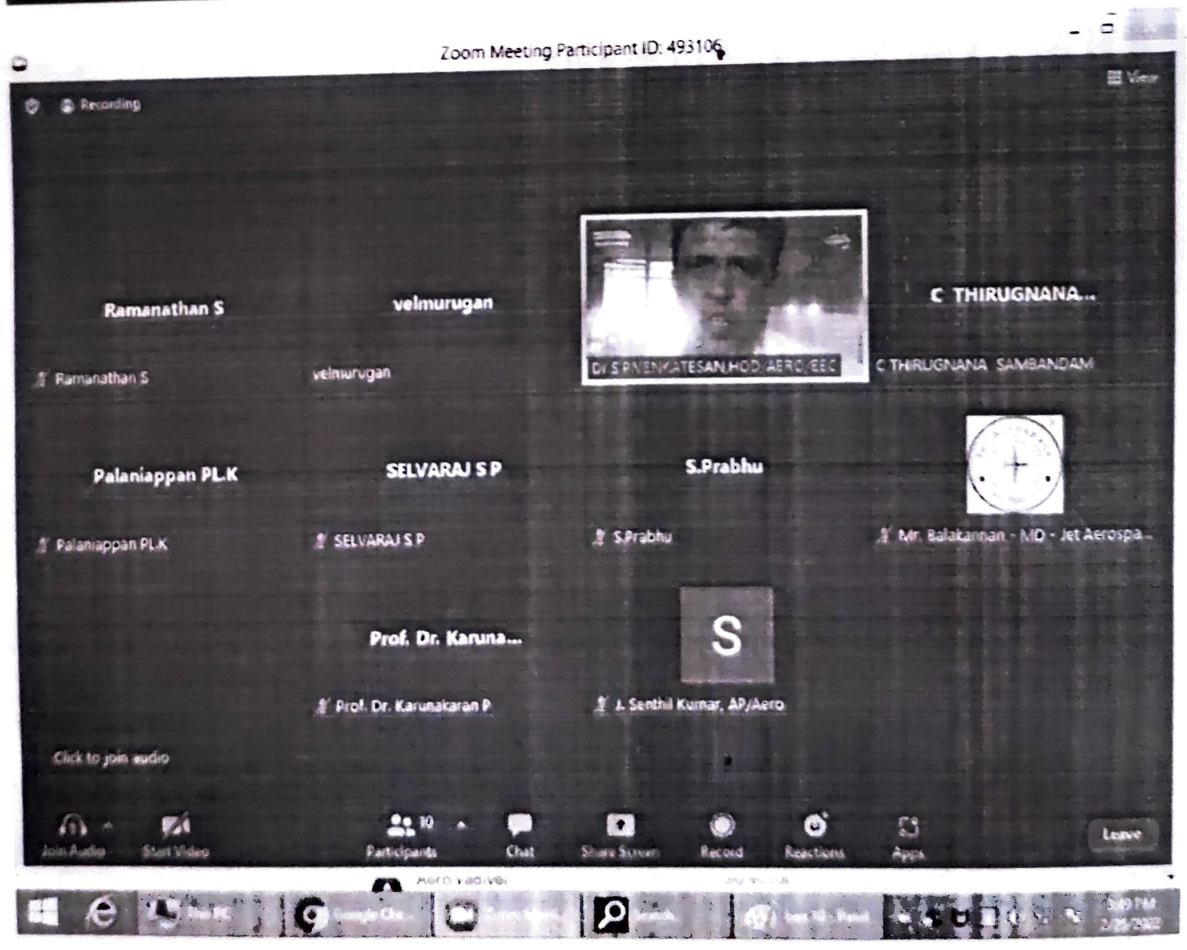
DEPARTMENT OF AERONAUTICAL ENGINEERING

THIRD BOS MEETING HELD ON 25.02.2022






Recording
Dr.S.P.VENKATE...
Dr.S.P.VENKATESAN,HOD/AERO/EEC
velmurugan
C THIRUGNANA SAMBANDAM
Palaniappan PL.K
SELVARAJ S P
S.Prabhu
20AE802
Composite Mat
Nature of Course
Professional Core
Pre requisites
Engineering Materials and
Course Objectives:
The course is intended to
1 To make the student understand the analys
conditions and different environmental condit
2 To learn the manufacturing of composite mat
Course Outcomes
On successful completion of the course, students will be able to
CO. No.
Course Outcome
Bloom's Level
CO1
Understanding the mechanics of composite materials
Understand
Click to join audio
Join Audio
Start Video
12
Participants
Chat
Share Screen
Record
Reactions
Apps
Leave


Zoom Meeting Participant ID: 493106
Recording
Ramanathan S
velmurugan
C THIRUGNANA...
Dr.S.P.VENKATESAN,HOD/AERO/EEC
C THIRUGNANA SAMBANDAM
Palaniappan PL.K
SELVARAJ S P
S.Prabhu
Mr. Balakannan - MD - Jet Aerospa...
Prof. Dr. Karuna...
S
Prof. Dr. Karunakaran P
J. Senthil Kumar, AP/Aero
Click to join audio
Join Audio
Start Video
10
Participants
Chat
Share Screen
Record
Reactions
Apps
Leave

EXCEL ENGINEERING COLLEGE

(Autonomous)

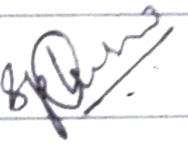
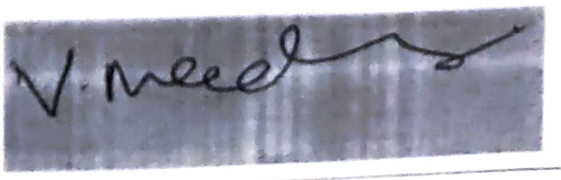
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NBA and NAAC with "A+"and Recognized by UGC(2f&12B)
KOMARAPALAYAM - 637303

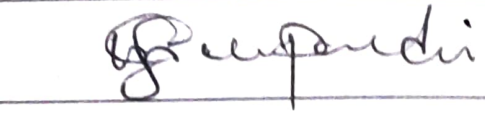
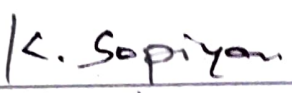
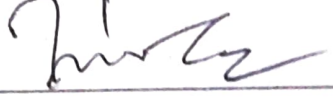
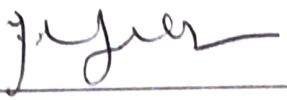
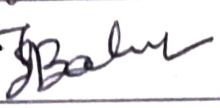
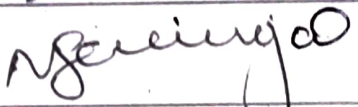
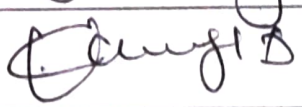
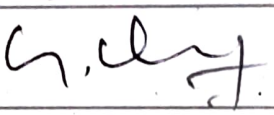
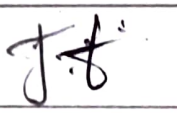
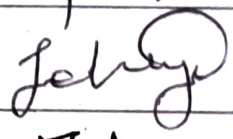
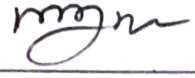
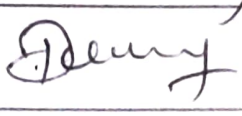
DEPARTMENT OF AERONAUTICAL ENGINEERING

THIRD BOARD OF STUDIES MEETING HELD ON 25.02.2022

(TIME: 2.30 P.M.)

Members Present:

S.NO	Name of the Member	Designation	Signature
1.	Dr.S.P.Venkatesan	Chairman	
2.	Dr.P.L.K.Palaniappan	University Nominee	
3.	Dr.R.Varahamoorthi	Subject Expert	
4.	Dr.P.Parthipan	Subject Expert	
5.	Mr.S.Ramanathan	Industry Representative	
6.	Dr.D.Giridhar	Special Invitee	
7.	Mr.Thirugnana Sambandam	Special Invitee	
8.	Dr.K.Prabhu	Special Invitee	
9.	Dr.V.Madhanraj	UG Alumnus	

10.	Mr.J.Balakannan	PG Alumnus	
11.	Mr.M.Sangilipandi	UG Student	
12.	Ms.K.Sopiya	UG Student	
13.	Mr.Moaz Hussain	PG Student	
14.	Dr.P.Karunakaran	Faculty Member	
15.	Prof.K.Vijay Babu	Faculty Member	
16.	Prof.S.BalaSundaram	Faculty Member	
17.	Prof.N.Sreenivasaraja	Faculty Member	
18.	Prof.D.Vadivel	Faculty Member	
19.	Prof.G.Velmurugan	Faculty Member	
20.	Prof.S.Prabhu	Faculty Member	
21.	Prof.S.Karthik	Faculty Member	
22.	Prof.S.Prasanth	Faculty Member	
23.	Prof.S.R.Arun	Faculty Member	
24.	Prof.J.Senthil kumar	Faculty Member	
25.	Prof.M.G.Raja Gopal	Faculty Member	
26.	Prof.M.Sanjay	Faculty Member	
27.	Prof.D.Gurubhatham	Faculty Member	
28.	Prof.O.R.Lalitha	Faculty Member