



# EXCEL ENGINEERING COLLEGE

(Autonomous)

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NBA(AERO,CSE,ECE&MECH), NAAC with "A+" and Recognised by UGC (2f &12B)

KOMARAPALAYAM - 637303

2.3.2 Teachers use ICT-enabled tools including online resources for effective teaching and learning

S.No	Name of the faculty	Name of the subject	Topics	ICT tools used
1	Dr.S.P.Venkatesan	Total Quality management	5 basic principles of total quality management	<ul style="list-style-type: none"> <li>PPT</li> <li>NPTEL Videos</li> </ul>
2	Dr.P.Karunakaran	Mechanics of Machinery	Degrees of freedom	<ul style="list-style-type: none"> <li>Smart Class Room</li> <li>PPT</li> </ul>
3	Dr.C.Sivakumar	Aircraft Maintenances	Basic aircraft maintenance	<ul style="list-style-type: none"> <li>PPT</li> </ul>
4	Dr.A.Karthikeyan	Composite Materials and Structures	Properties and structures of composites	<ul style="list-style-type: none"> <li>PPT</li> <li>Video Presentation</li> </ul>
5	Dr.M.Gowtham	Aircraft power Plant	Supercharger vs Turbocharger	<ul style="list-style-type: none"> <li>Video Lecturing</li> </ul>
6	Dr.S.Prashanth	Manufacturing Technology	Manufacturing process technology	<ul style="list-style-type: none"> <li>Smart Class Room</li> <li>Demo Class</li> </ul>
7	Mr.K.Vijaybabu	Aero Engineering Thermodynamics	Law of Thermodynamics	<ul style="list-style-type: none"> <li>Video Lecturing</li> <li>OHP</li> </ul>
8	Mr.P.V.Prakaash	Avionics	MIL-STD-1553B	<ul style="list-style-type: none"> <li>Smart Class Room</li> <li>PPT</li> </ul>
9	Mr.N.Sreenivasaraja	Rocket Space and Propulsion	Types of propulsion system	<ul style="list-style-type: none"> <li>Smart Class Room</li> <li>Practical Class</li> </ul>
10	Mr.S.Balasundaram	Finite Element Methods	Three phases of finite element method	<ul style="list-style-type: none"> <li>Video Lecturing</li> <li>PPT</li> </ul>
11	Mr.S.Prabhu	Fluid Mechanics and Machinery for Aeronautical Engineers	Boundary Condition Laminar flow	<ul style="list-style-type: none"> <li>OHP</li> <li>PPT</li> <li>Video Presentation</li> </ul>
12	Mr.D.Vadivel	Innovation & Entrepreneurship	Innovation and entrepreneurship in CMAT	<ul style="list-style-type: none"> <li>PPT</li> </ul>
13	Mr.G.Velmurugan	Engineering Materials and Metallurgy	Fundamental classes of materials are engineering materials	<ul style="list-style-type: none"> <li>OHP</li> <li>Video Presentation</li> </ul>
14	Mr.J.Senthil Kumar	Strength of Materials for Aeronautical Engineers	SI unit of Materials	<ul style="list-style-type: none"> <li>PPT</li> </ul>

15	Mr.S.Karthik	UAV Systems	Types of UAV	<ul style="list-style-type: none"> <li>• Video Lecturing</li> </ul>
16	Mr.M.G.Rajagopal	Flight Instrumentation	Flight planning-flight path optimization	<ul style="list-style-type: none"> <li>• OHP</li> <li>• PPT</li> </ul>
17	Mr.S.R.Arun	Aircraft Structural Analysis	Unsymmetrical bending, the neutral axis passes through the centroid of the cross-section	<ul style="list-style-type: none"> <li>• Smart Class Room</li> </ul>
18	Mr.M.Sanjay	Computational Fluid Dynamics	Principle of computational fluid dynamics	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Software demo</li> </ul>
19	Mr.R.Gowrishankar	Industrial Aerodynamics	Power requirements and drag coefficients of automobiles	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• Software demo</li> </ul>
20	Mr.S.Sundaram	Air Traffic Control and Planning	Basic radar terminology	<ul style="list-style-type: none"> <li>• Video Lecturing</li> </ul>
21	Mr.S.Arunpandiyan	Aero engine control system	Controller Design for Two-Spool Engines	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Practical Class</li> </ul>
22	Mr.K.Arul Kumar	Rockets and Missiles	stage separation dynamics and lateral separation characteristics	<ul style="list-style-type: none"> <li>• PPT</li> </ul>
23	Mr.T.Karthikeyan	High Temperature Materials	Ductile fracture, Brittle fracture, Shearing Fracture	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• PPT</li> </ul>
24	Mr.Arun S Pillai	Production planning and control	Production planning and control	<ul style="list-style-type: none"> <li>• Video Lecturing</li> </ul>
25	Ms.M.Divya	Computer Integrated Manufacturing	Logical steps in Computer Aided Process Planning	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Practical Class</li> </ul>
26	Mr.R.Nallappan	Aircraft Structural Mechanics	Main fore and aft structural member on an aircraft	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• PPT</li> </ul>
27	Mr.R.Roopesh	Aerodynamics	Subsonic and supersonic flow	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Practical Class</li> </ul>
28	Mr.K.Tamilan	Real Time Industrial Applications in CFD	External and Internal Aerodynamic Flow Modelling	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Software Demo</li> </ul>
29	Mr.M.Nambi Rajan	Compressible flow Aerodynamics	Bernoulli's equation for incompressible flow	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Practical Class</li> <li>• Software Demo</li> </ul>
30	Mrs.G.Kuppulakshmi	Failure Analysis of Advanced Composites	Variation of Welded Joints at Various Temperatures in Liquid-Phase	<ul style="list-style-type: none"> <li>• PPT</li> </ul>
31	Mrs.S.R.Aruna	Introduction to Aerospace Navigation	Automatic Dependent Surveillance Broadcast (ADS-B) System Displays	<ul style="list-style-type: none"> <li>• OHP</li> <li>• PPT</li> </ul>



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KOMARAPALAYAM – 637303

## Department of Aeronautical Engineering List of Faculty Members Using ICT for Teaching Academic Year 2022 – 2023

S.No	Name of the faculty	Name of the subject	ICT tools used
1	Dr.S.P.Venkatesan	Total Quality management	<ul style="list-style-type: none"><li>• PPT</li><li>• NPTEL Videos</li><li>• <a href="https://youtu.be/oMYqqAbsEXo?si=0Z_a uRw5B6VtJLJy">https://youtu.be/oMYqqAbsEXo?si=0Z_a uRw5B6VtJLJy</a></li></ul>
2	Dr.P.Karunakaran	Mechanics of Machinery	<ul style="list-style-type: none"><li>• Smart Class Room</li><li>• PPT</li><li>• <a href="https://www.slideshare.net/MacVasquez/degrees-of-freedom-80218876">https://www.slideshare.net/MacVasquez/degrees-of-freedom-80218876</a></li></ul>
3	Dr.C.Sivakumar	Aircraft Maintenances	<ul style="list-style-type: none"><li>• PPT</li><li>• <a href="https://www.slideshare.net/essamfawaz/aircraft-maintenance-70408790">https://www.slideshare.net/essamfawaz/aircraft-maintenance-70408790</a></li></ul>
4	Dr.A.Karthikeyan	Composite Materials and Structures	<ul style="list-style-type: none"><li>• PPT</li><li>• Video Presentation</li><li>• <a href="https://youtu.be/JBMVZpRD-Zk?si=Ah-xUO4EfhVSoHtd">https://youtu.be/JBMVZpRD-Zk?si=Ah-xUO4EfhVSoHtd</a></li></ul>
5	Dr.M.Gowtham	Aircraft power Plant	<ul style="list-style-type: none"><li>• Video Lecturing</li><li>• <a href="https://youtu.be/1k2aFMjRd9M?si=9YrRgGbT11zqgnUD">https://youtu.be/1k2aFMjRd9M?si=9YrRgGbT11zqgnUD</a></li></ul>
6	Dr.S.Prashanth	Manufacturing Technology	<ul style="list-style-type: none"><li>• Smart Class Room</li><li>• Demo Class</li><li>• <a href="https://www.slideshare.net/SathishkumarS31/manufacturing-technology-132917945">https://www.slideshare.net/SathishkumarS31/manufacturing-technology-132917945</a></li></ul>
7	Mr.K.Vijaybabu	Aero Engineering Thermodynamics	<ul style="list-style-type: none"><li>• Video Lecturing</li><li>• OHP</li><li>• <a href="https://youtu.be/Yrlh7Xdt_tc?si=rI8qgFxo00j-lq4">https://youtu.be/Yrlh7Xdt_tc?si=rI8qgFxo00j-lq4</a></li></ul>
8	Mr.P.V.Prakaash	Avionics	<ul style="list-style-type: none"><li>• Smart Class Room</li><li>• PPT</li><li>• <a href="https://www.slideshare.net/Palanimurugan3/data-bus-mil1553-b">https://www.slideshare.net/Palanimurugan3/data-bus-mil1553-b</a></li></ul>
9	Mr.N.Sreenivasaraja	Rocket Space and Propulsion	<ul style="list-style-type: none"><li>• Smart Class Room</li><li>• Practical Class</li><li>• <a href="https://www.slideshare.net/SauravSaini11/propulsion-system-148973192">https://www.slideshare.net/SauravSaini11/propulsion-system-148973192</a></li></ul>
10	Mr.S.Balasundaram	Finite Element Methods	<ul style="list-style-type: none"><li>• Video Lecturing</li><li>• PPT</li><li>• <a href="https://www.slideshare.net/maheshgaikwad9/general-steps-of-the-finite-element-method-219517461">https://www.slideshare.net/maheshgaikwad9/general-steps-of-the-finite-element-method-219517461</a></li></ul>

11	Mr.S.Prabhu	Fluid Mechanics and Machinery for Aeronautical Engineers	<ul style="list-style-type: none"> <li>• OHP</li> <li>• PPT</li> <li>• Video Presentation</li> <li>• <a href="https://youtu.be/NKpXpx_oDWM?si=dVGDzXGpk0lZeA0j">https://youtu.be/NKpXpx_oDWM?si=dVGDzXGpk0lZeA0j</a></li> </ul>
12	Mr.D.Vadivel	Innovation & Entrepreneurship	<ul style="list-style-type: none"> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/najamussaib85/entrepreneurship-and-innovation">https://www.slideshare.net/najamussaib85/entrepreneurship-and-innovation</a></li> </ul>
13	Mr.G.Velmurugan	Engineering Materials and Metallurgy	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Video Presentation</li> <li>• <a href="https://youtu.be/ZY7ziQesDOc?si=OgU1WvvmY8mr2pkW">https://youtu.be/ZY7ziQesDOc?si=OgU1WvvmY8mr2pkW</a></li> </ul>
14	Mr.J.Senthil Kumar	Strength of Materials for Aeronautical Engineers	<ul style="list-style-type: none"> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/amal_sweis/si-units-38495432">https://www.slideshare.net/amal_sweis/si-units-38495432</a></li> </ul>
15	Mr.S.Karthik	UAV Systems	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• <a href="https://youtu.be/sWjpuXluEmY?si=Y5gbY9mQvYg4ggaU">https://youtu.be/sWjpuXluEmY?si=Y5gbY9mQvYg4ggaU</a></li> </ul>
16	Mr.M.G.Rajagopal	Flight Instrumentation	<ul style="list-style-type: none"> <li>• OHP</li> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/AffianiMachmudah/flight-trajectory-optimizationpdf">https://www.slideshare.net/AffianiMachmudah/flight-trajectory-optimizationpdf</a></li> </ul>
17	Mr.S.R.Arun	Aircraft Structural Analysis	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• <a href="https://www.slideshare.net/VenkateshCa/unsymmetrical-bendingppt">https://www.slideshare.net/VenkateshCa/unsymmetrical-bendingppt</a></li> </ul>
18	Mr.M.Sanjay	Computational Fluid Dynamics	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Software demo</li> <li>• <a href="https://www.slideshare.net/taani46853/computational-fluid-dynamics-cfd">https://www.slideshare.net/taani46853/computational-fluid-dynamics-cfd</a></li> </ul>
19	Mr.R.Gowrishankar	Industrial Aerodynamics	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• Software demo</li> <li>• <a href="https://slideplayer.com/slide/12994467/">https://slideplayer.com/slide/12994467/</a></li> </ul>
20	Mr.S.Sundaram	Air Traffic Control and Planning	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• <a href="https://youtu.be/R70ysC8nWoI?si=7PERPFs1eBWvgm6z">https://youtu.be/R70ysC8nWoI?si=7PERPFs1eBWvgm6z</a></li> </ul>
21	Mr.S.Arunpandiyan	Aero engine control system	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Practical Class</li> <li>• <a href="https://www.youtube.com/watch?app=desktop&amp;v=sPuPoK58rLE">https://www.youtube.com/watch?app=desktop&amp;v=sPuPoK58rLE</a></li> </ul>
22	Mr.K.Arul Kumar	Rockets and Missiles	<ul style="list-style-type: none"> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/DineshBabu93/unit-iv-rockets-and-misiles">https://www.slideshare.net/DineshBabu93/unit-iv-rockets-and-misiles</a></li> </ul>
23	Mr.T.Karthikeyan	High Temperature Materials	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/e_gulfam/fracture-42137132">https://www.slideshare.net/e_gulfam/fracture-42137132</a></li> </ul>
24	Mr.Arun S Pillai	Production planning and control	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• <a href="https://youtu.be/0x6A3YXOAtY?si=PZ6TzuNzFw0hzRN2">https://youtu.be/0x6A3YXOAtY?si=PZ6TzuNzFw0hzRN2</a></li> </ul>
25	Ms.M.Divya	Computer Integrated Manufacturing	<ul style="list-style-type: none"> <li>• OHP</li> <li>• Practical Class</li> <li>• <a href="https://www.youtube.com/watch?v=_oFoXyDBZyA">https://www.youtube.com/watch?v=_oFoXyDBZyA</a></li> </ul>

26	Mr.R.Nallappan	Aircraft Structural Mechanics	<ul style="list-style-type: none"> <li>• Smart Class Room</li> <li>• PPT</li> <li>• <a href="https://slideplayer.com/slide/9953869/">https://slideplayer.com/slide/9953869/</a></li> </ul>
27	Mr.R.Roopesh	Aerodynamics	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Practical Class</li> <li>• <a href="https://youtu.be/3CS3pG7n1xY?si=2DV04qFJqXweSbw2">https://youtu.be/3CS3pG7n1xY?si=2DV04qFJqXweSbw2</a></li> </ul>
28	Mr.K.Tamilan	Real Time Industrial Applications in CFD	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Software Demo</li> <li>• <a href="https://youtu.be/9VGso1Pd3DY?si=6gr4a1cUu9DVKYhX">https://youtu.be/9VGso1Pd3DY?si=6gr4a1cUu9DVKYhX</a></li> </ul>
29	Mr.M.Nambi rajan	Compressible flow Aerodynamics	<ul style="list-style-type: none"> <li>• Video Lecturing</li> <li>• Practical Class</li> <li>• Software Demo</li> <li>• <a href="https://youtu.be/xTAfyc06ZxQ?si=GqhHFK_7o3r6aKCo">https://youtu.be/xTAfyc06ZxQ?si=GqhHFK_7o3r6aKCo</a></li> </ul>
30	Mrs.G.Kuppulakshmi	Failure Analysis of Advanced Composites	<ul style="list-style-type: none"> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/awad1991/advanced-metallrgy-final-welding">https://www.slideshare.net/awad1991/advanced-metallrgy-final-welding</a></li> </ul>
31	Mrs.S.R.Aruna	Introduction to Aerospace Navigation	<ul style="list-style-type: none"> <li>• OHP</li> <li>• PPT</li> <li>• <a href="https://www.slideshare.net/GinaLongo1/a-dsb-a-special-report-72549499">https://www.slideshare.net/GinaLongo1/a-dsb-a-special-report-72549499</a></li> </ul>

**HoD/Aero**



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Academic Year 2022 – 2023

## SOFTWARE DEMO / SIMULATION



## VIDEO LECTURING



# SMART CLASS ROOM





## Excel Engineering College (AUTONOMOUS)

### Subject Wise Feedback Report

Under Graduate | BE-AEE | 2022-23 | Aeronautical Engineering | SEM-3 | A

S.No.	Section	PLAC/APT	20MA301.	20AE301	20AE302	20AE303	20AE304	20AE305	20AE306
1	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
2	A	5.0	5.0	4.5	5.0	5.0	4.5	5.0	4.8
3	A	2.9	2.2	3.0	3.2	4.2	3.6	3.0	2.3
4	A	4.4	4.1	3.9	4.0	4.4	4.6	4.0	4.8
5	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6	A	4.4	4.0	3.8	5.0	3.9	4.0	5.0	3.5
7	A	5.0	4.8	5.0	5.0	4.8	5.0	5.0	5.0
8	A	3.3	3.5	3.4	3.3	3.3	3.8	3.1	3.3
9	A	4.1	4.1	3.0	3.9	4.0	4.0	3.8	4.0
10	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
11	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9
12	A	5.0	5.0	5.0	5.0	3.3	5.0	5.0	4.9
13	A	3.5	2.5	2.5	4.1	2.9	3.6	4.0	2.9
14	A	2.9	2.9	3.2	3.1	2.6	3.1	2.9	2.8
15	A	5.0	4.0	4.3	3.8	4.5	5.0	3.9	4.0
16	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
17	A	4.9	4.3	4.0	4.0	3.3	4.9	4.9	5.0
18	A	5.0	4.5	3.5	1.6	3.1	3.8	4.9	2.6
19	A	3.8	4.9	3.1	4.8	2.5	3.9	3.4	3.5
20	A	3.5	4.0	3.0	2.9	3.2	3.2	3.1	3.3
21	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
22	A	4.8	3.6	-	1.0	5.0	5.0	3.6	3.3
23	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
24	A	4.0	3.9	4.0	4.0	3.8	4.1	4.0	4.1





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### Subject Wise Feedback Report

Under Graduate | BE-AEE | 2022-23 | Aeronautical Engineering | SEM-3 | A

S.No.	Section	PLAC/APT	20MA301.	20AE301	20AE302	20AE303	20AE304	20AE305	20AE306
25	A	4.8	4.8	5.0	5.0	5.0	5.0	5.0	5.0
26	A	4.0	3.0	3.1	5.0	3.2	4.8	4.7	3.5
27	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
28	A	3.0	3.1	3.0	-	2.9	3.0	2.8	2.9
29	A	4.0	5.0	4.0	4.0	4.0	5.0	4.0	4.0
30	A	3.5	3.3	2.9	3.5	4.3	4.0	3.5	3.9
31	A	2.9	2.1	1.6	3.7	3.0	4.5	5.0	3.6
32	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
33	A	5.0	4.6	4.5	4.5	4.2	4.6	4.7	4.5
34	A	5.0	2.8	5.0	5.0	3.1	5.0	4.5	5.0
35	A	5.0	3.0	4.0	2.4	5.0	5.0	3.9	2.1
36	A	5.0	4.5	5.0	5.0	2.0	5.0	4.5	5.0
37	A	5.0	5.0	5.0	5.0	5.0	5.0	4.8	5.0
38	A	1.9	3.3	1.5	3.1	3.3	3.9	3.3	1.1
39	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
40	A	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.3
41	A	5.0	4.9	4.9	4.9	4.9	4.9	4.9	5.0
42	A	4.0	3.8	3.8	3.7	3.4	3.9	4.0	3.9
43	A	4.0	3.6	3.5	3.6	3.8	4.0	3.5	4.0
44	A	4.8	4.3	4.8	4.2	1.4	3.8	5.0	5.0
45	A	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
46	A	-	5.0	5.0	5.0	5.0	5.0	5.0	-
47	A	-	4.6	5.0	3.1	5.0	3.5	3.8	5.0
48	A	-	3.6	3.5	3.9	4.0	5.0	5.0	-



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### Subject Wise Feedback Report

Under Graduate | BE-AEE | 2022-23 | Aeronautical Engineering | SEM-3 | A

S.No.	Section	PLAC/APT	20MA301.	20AE301	20AE302	20AE303	20AE304	20AE305	20AE306
49	A	-	4.0	-	-	3.9	5.0	5.0	-
50	A	-	4.3	3.9	3.7	3.8	3.5	3.6	-
51	A	-	3.5	3.7	3.5	4.0	4.9	5.0	-
52	A	-	3.5	3.5	3.6	3.8	3.6	4.1	3.9
53	A	-	1.9	-	-	-	2.1	2.6	-
<b>Total</b>		198.1	218.6	205.2	208.9	211.6	234.9	230.6	195.7
<b>Average</b>		4.4	4.1	4.1	4.2	4.1	4.4	4.4	4.2
<b>Percentage</b>		88.0%	82.0%	82.0%	84.0%	82.0%	88.0%	88.0%	84.0%
<b>SIGNATURE</b>									

PLACEMENT/APPTITUDE-PLAC/APT, AERO TRANSFORMS AND BOUNDARY VALUE PROBLEMS-20MA301., Aero Engineering Thermodynamics-20AE301, Engineering Materials and Metallurgy-20AE302, Manufacturing Technology-20AE303, Fluid Mechanics and Machinery for Aeronautical Engineers-20AE304, Strength of Materials for Aeronautical Engineers-20AE305, Applied Thermodynamics Laboratory-20AE306

Staff name	Subject (Section)
Savitha R	PLAC/APT(A)
VADIVEL D	20AE306(A)
VIJAY BABU K	20AE301(A)
VELMURUGAN G	20AE302(A)
KARUNAKARAN P	20AE303(A)
PRABHU S	20AE304(A)
SENTHIL KUMAR J	20AE305(A)
Suseela P	20MA301.(A)

HoD

DEAN

Principal



Excel Engineering College (AUTONOMOUS)

**Teaching Plan Status Summary**

2022-23 | Under Graduate | Aeronautical Engineering | SEM-4

Staff name : Nambi Rajan M

Subject Code : 20AE403

Subject Name: Aircraft Systems and Instruments

<b>Unit 5 - Aircraft Engine Instruments</b>						
<b>SUB TOPICS</b>	<b>PLANNED DATES</b>	<b>CURRENT STATUS</b>	<b>DATE OF LAST UPDATE</b>	<b>DEVIATION STATUS</b>	<b>REMARKS</b>	<b>LAST STATUS UPDATED BY</b>
Study of various types of engine instruments	25-Apr-2023	Completed	27-Apr-2023	Yes		
Principles and operation	20-Apr-2023	Completed	27-Apr-2023	Yes		
Tachometers	27-Apr-2023	Completed	27-Apr-2023	No		
Temperature gauges	27-Apr-2023	Completed	27-Apr-2023	No		Nambi Rajan M
Pressure gauges	27-Apr-2023	Completed	27-Apr-2023	No		

<b>Unit 4 - Air Conditioning and Pressurizing Systems</b>						
<b>SUB TOPICS</b>	<b>PLANNED DATES</b>	<b>CURRENT STATUS</b>	<b>DATE OF LAST UPDATE</b>	<b>DEVIATION STATUS</b>	<b>REMARKS</b>	<b>LAST STATUS UPDATED BY</b>
Basic air cycle systems	06-Apr-2023	Completed	06-Apr-2023	No		
Vapour cycle System	13-Apr-2023	Completed	18-Apr-2023	Yes		
Boot-strap air cycle systems	18-Apr-2023	Completed	19-Apr-2023	Yes		
Evaporative vapour and air cycle systems	17-Apr-2023	Completed	19-Apr-2023	Yes		Nambi Rajan M
Oxygen system	19-Apr-2023	Completed	19-Apr-2023	No		
Fire extinguishing and smoke detection systems	20-Apr-2023	Completed	27-Apr-2023	Yes		
Deicing and anti-icing systems	20-Apr-2023	Completed	27-Apr-2023	Yes		

<b>Unit 3 - Aircraft Engine Systems</b>						
<b>SUB TOPICS</b>	<b>PLANNED DATES</b>	<b>CURRENT STATUS</b>	<b>DATE OF LAST UPDATE</b>	<b>DEVIATION STATUS</b>	<b>REMARKS</b>	<b>LAST STATUS UPDATED BY</b>
Piston and Jet Engines	07-Mar-2023	Completed	07-Mar-2023	No		Nambi Rajan M
Fuel systems	09-Mar-2023	Completed	09-Mar-2023	No		
Lubricating systems	16-Mar-2023	Completed	16-Mar-2023	No		
Starting and Ignition systems	30-Mar-2023	Completed	27-Mar-2023	No		

<b>Unit 2 - Aircraft Control Systems</b>						
<b>SUB TOPICS</b>	<b>PLANNED DATES</b>	<b>CURRENT STATUS</b>	<b>DATE OF LAST UPDATE</b>	<b>DEVIATION STATUS</b>	<b>REMARKS</b>	<b>LAST STATUS UPDATED BY</b>
Engine control system	09-Feb-2023	Completed	09-Feb-2023	No	Completed	Nambi Rajan M
Digital fly by wire system	20-Feb-2023	Completed	20-Feb-2023	No	Completed	Nambi Rajan M
Auto pilot system	23-Feb-2023	Completed	23-Feb-2023	No	completed	Nambi Rajan M
Active Control Technology	27-Feb-2023	Completed	01-Mar-2023	Yes		

<b>Unit 1 - Aircraft Basic Systems</b>						
<b>SUB TOPICS</b>	<b>PLANNED DATES</b>	<b>CURRENT STATUS</b>	<b>DATE OF LAST UPDATE</b>	<b>DEVIATION STATUS</b>	<b>REMARKS</b>	<b>LAST STATUS UPDATED BY</b>
Hydraulic system	19-Jan-2023	Completed	19-Jan-2023	No	Completed	Nambi Rajan M
Pneumatic system	24-Jan-2023	Completed	24-Jan-2023	No	completed	Nambi Rajan M
Brake system	30-Jan-2023	Completed	30-Jan-2023	No	Completed	Nambi Rajan M
Landing Gear System	01-Feb-2023	Completed	01-Feb-2023	No	Completed	Nambi Rajan M
Classification - Shock absorbers	07-Feb-2023	Completed	07-Feb-2023	No	Completed	Nambi Rajan M
Retractive mechanism	08-Feb-2023	Completed	08-Feb-2023	No	Completed	Nambi Rajan M