



**List of Courses in Academic Year 2021 - 2022**

SL.NO	Course Code	Course Name
1	1AEBS101	Applied Mathematics - I
2	1AEBS102	Applied Physics
3	1AEES103	Engineering Mechanics : Statics
4	1AEES104	Basic Electrical Electronics and Communication Engineering
5	1AEES105	Computer Programing in C
6	1AEHS106	Professional Communication
7	1AEES151	Computer Programing in C Laboratory
8	1AEES152	Applied Physics Laboratory
9	1AEES153	Basic Electrical Electronics and Communication Engineering Lab
10	1AEBS107	Applied Chemistry
11	1AEBS108	Applied Mathematics - II
12	1AEES109	Engineering Graphics
13	1AEES110	Engineering Mechanics : Dynamics
14	1AEES111	Basic Mechanical Engineering
15	1AEES154	Engineering Graphics Laboratory
16	1AEBS155	Applied Chemistry Laboratory
17	1AEES156	Workshop I
18	1AEES157	Basic Mechanical Engineering Laboratory
19	1AEBS201	Applied Mathematics - III
20	1AEES202	Fluid Mechanics
21	1AEES203	Mechanics of Materials
22	1AEES204	Applied Thermodynamics
23	1AEPC205	Introduction to Aerospace Engineering
24	1AEPC206	Aircraft Production Technology
25	1AEPC251	Aircraft Production Technology Laboratory
26	1AEES254	Fluid Mechanics Laboratory
27	1AEES255	Mechanics of Materials Laboratory
28	1AEES256	Applied Thermodynamics Laboratory
29	1AEES207	Numerical Analysis with Programming Language
30	1AEPC208	Low Speed Aerodynamics
31	1AEPC209	Air Breathing Propulsion
32	1AEPC210	Aerospace Materials and Structures
33	1AEPC211	Aircraft Systems and Instruments
34	1AEHS252	Professional Ethics
35	1AEMC253	Environmental Studies



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SL.NO	Course Code	Course Name
36	1AEES257	Numerical Analysis with Programming Language Laboratory
37	1AEPC258	Low Speed Aerodynamics Laboratory
38	1AEPC259	Air Breathing Propulsion Laboratory
39	1AEPC260	Aerospace Materials and Structures Laboratory
40	1AEPC301	Aircraft Structures
41	1AEPC302	Flight Dynamics
42	1AEPC303	High Speed Aerodynamics
43	1AEPC304	Aerospace Propulsion
44	1AEPE305	Experimental Aerodynamics
45	1AEPE306	Heat and Mass Transfer
46	1AEPE307	Material Testing and Characterization
47	1AEOE311	Introduction to Flight
48	1AEPE351	Self-Learning Course (Supervised Learning)
49	1AEHS352	Communication Skills and Competencies
50	1AEPC356	Aircraft Structures Laboratory
51	1AEPC357	Flight Dynamics Laboratory
52	1AEPC305	Vibration and Structural Dynamics
53	1AEPC306	Computational Fluid Dynamics
54	1AEPC307	Space Dynamics
55	1AEPE320	Introduction to Aircraft Design (PE II)
56	1AEOE321	Lighter Than Air Systems
57	1AEHS353	Constitution of India
58	1AEPR354	Internship
59	1AEPR355	Mini - Project
60	1AEPC358	Vibration and Structural Dynamics Laboratory
61	1AEPC359	Computational Fluid Dynamics Laboratory
62	0AEPC401	Vibrations and Structural Dynamics
63	0AEPC402	Aircraft General Engineering Maintenance
64	0AEPC420	Space Mechanics
65	0AEOE406	Introduction to Unmanned Aerial Vehicles
66	0AEPE412	Lighter-Than-Air Systems
67	0AEPC451	Structural Dynamics Laboratory
68	0AEPC452	Aircraft Systems Laboratory
69	0AEPC453	Virtual Instrumentation Laboratory
70	0AEPC454	Aircraft General Engineering Maintenance Laboratory





**List of Courses in Academic Year 2021 - 2022**

SL.NO	Course Code	Course Name
71	0AEPR455	Industrial Training
72	0AEPR456	Project Phase - I
73	0AEPC419	Avionics and Instrumentation
74	0AEPC421	Finite Element Analysis
75	0AEPE413	Hypersonic Aerodynamics (PE II)
76	0AEPE414	Advanced Propulsion Systems (PE II)
77	0AEPE427	Aircraft Rules and Regulations - DGCA (CAR) (PE III)
78	0AEPE432	Air Traffic Control and Airport Management (PE IV)
79	0AEPC457	Finite Element Analysis Laboratory
80	0AEPR458	Project Phase - II

  
HoD/Aero



  
Director