



List of Courses in Academic Year 2020 - 2021

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	0AEPC301	Aircraft Structures
41	0AEPC302	Aerodynamics - II
42	0AEPC303	Linear Control Theory
43	0AEPC304	Aircraft Performance : AP
44	0AEPC305	Propulsion - II
45	0AEPC351	Aircraft Structures Laboratory
46	0AEPC352	Aerodynamics - II Laboratory
47	0AEPC353	Aircraft Performance Laboratory
48	0AEPC354	Non Destructive Testing Laboratory
49	0AEPC355	Computer Aided Drafting Laboratory
50	0AEPC356	Seminar
51	0AEMC306	Technical English
52	0AEPC307	Computational Fluid Dynamics
53	0AEHS308	Economics & Management
54	0AEPC309	Aircraft Stability & Control
55	0AEPC310	Aircraft Design
56	0AEPC311	Composite Materials and Structures
57	0AEPC357	Computational Fluid Dynamics Laboratory
58	0AEPC358	Unmanned Aerial Vehicles Laboratory
59	0AEPC359	Composite Materials and Structures Laboratory
60	0AEPC360	Aircraft Design Laboratory
61	0AEPR361	Mini Project
62	0AEMC312	Soft Skills
63	0AEPC401	Vibrations and Structural Dynamics
64	0AEPC402	Aircraft General Engineering Maintenance
65	0AEPC420	Space Mechanics
66	0AEOE404	Experimental Aerodynamics
67	0AEOE406	Introduction to Unmanned Aerial Vehicles
68	0AEPE407	Experimental Aerodynamics
69	0AEPE408	Heat and Mass Transfer
70	0AEPE411	Helicopter Theory



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SL.NO	Course Code	Course Name
71	0AEPC451	Structural Dynamics Laboratory
72	0AEPC452	Aircraft Systems Laboratory
73	0AEPC453	Virtual Instrumentation Laboratory
74	0AEPC454	Aircraft General Engineering Maintenance Laboratory
75	0AEPR455	Industrial Training
76	0AEPR456	Project Phase - I
77	0AEPC419	Avionics and Instrumentation
78	0AEPC421	Finite Element Analysis
79	0AEPE417	Program Elective - II : Airline and Airport Management
80	0AEPE414	Program Elective - II : Advanced Propulsion Systems
81	0AEPE426	Program Elective - III : Flight Scheduling and Operations
82	0AEPE425	Program Elective - III : Navigation, Guidance and Control
83	0AEPE432	Program Elective - IV : Air Traffic Control and Airport Management
84	0AEPE429	Program Elective - IV : Introduction to Propellant Technology
85	0AEPC457	Finite Element Analysis Laboratory
86	0AEPR458	Project Phase - II


HoD/Aero




Director