



List of Courses in Academic Year 2019 - 2020

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	0AEBS201	<u>Applied Mathematics - III</u>
20	0AEPC202	<u>Applied Thermodynamics</u>
21	0AEPC203	<u>Fluid Mechanics</u>
22	0AEPC204	<u>Solid Mechanics</u>
23	0AEPC205	<u>Introduction to Aerospace Engineering</u>
24	0AEES251	<u>Computer Programing with C++</u>
25	0AEPC252	<u>Applied Thermodynamics Laboratory</u>
26	0AEPC253	<u>Fluid Mechanics Laboratory</u>
27	0AEPC254	<u>Solid Mechanics Laboratory</u>
28	0AEPC255	<u>Aircraft Component Drawing</u>
29	0AEBS206	Numerical Analysis
30	0AEPC207	Aircraft Production Technology
31	0AEPC208	Aircraft Materials
32	0AEPC209	Aerodynamics - I
33	0AEPC210	Propulsion - I
34	0AEHS211	Environmental Studies
35	0AEPC256	Numerical Analysis using Programing Language



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SL.NO	Course Code	Course Name
36	0AEPC257	Aircraft Production Technology Laboratory
37	0AEPC258	Aircraft Materials Laboratory
38	0AEPC259	Aerodynamics - I Laboratory
39	0AEPC260	Propulsion - I 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	AE401	Mechanical Vibration and Structural Dynamics
64	AE402	Computational Aerodynamics
65	AE403	Control Theory- Application to Flight Control System
66	AE404A	Helicopter Theory
67	AE404B	Aircraft Design
68	AE405	Industrial Aerodynamics
69	AE406	Industrial Training
70	AE407	Project Phase-I



List of Courses in Academic Year 2019 - 2020

SL.NO	Course Code	Course Name
71	AE411	Finite Element Method
72	AE412	Avionics and Instrument System
73	AE413	Airport Planning and Operations
74	AE414A	Hypersonic Aerodynamics
75	AE414C	Composite Material and Structures
76	AE414E	Rocket and Missile Design
77	AE415	Satellite Communication and Navigation
78	AE415	Probability and Statistics
79	AE416	Project Phase-II


HoD/Aero




Director