

PAAVAI ENGINEERING COLLEGE									
DEPARTMENT OF AERONAUTICAL ENGINEERING									
BATCH: 2019 - 2023									
Semester	Course code	Course Name		Target	CO1	CO2	CO3	CO4	CO5
I	C101	MA19101	Matrices and Calculus	50	45	46.5	44	47	40
	C102	EN19101	English Communication Skills I	50	53	50.5	52	52	48
	C103	PH19101	Engineering Physics	50	58	56.5	57	56.3	53
	C104	CH19101	Engineering Chemistry	50	54	49.5	60	64	56
	C105	EE19101	Basic Electrical Engineering	50	50	51.5	53	56	49
	C106	ME19101	Engineering Graphics Laboratory	50	52	53.5	55	53	51
	C107	EN19201	English Communication Skills II	50	38	39.5	44	46	40
II	C108	MA19201	Complex Variables and Differential Equations	50	58	56.5	55	55	51
	C109	PH19203	Material Science	50	60	57.5	62	62	58
	C110	CH19202	Industrial Chemistry	50	58	55.6	53.1	53	49.1
	C111	ME19201	Engineering Mechanics	50	50	48.3	46	53	42
	C112	CS19201	Programming in Python	50	53	48.6	54	58.2	50
	C113	GE19201	Engineering Practices Laboratory	50	73.3	70.1	76.7	70.9	NA
III	C201	MA19301	Transforms And Boundary Value Problems	50	51.9	48.2	62.6	66.8	58.6
	C202	AE19301	Basics of Aeronautical Engineering	50	52.2	58.1	65.2	70.1	61.2
	C203	AE19302	Fluid Mechanics and Machinery	50	58.3	57.1	55.3	64.3	51.3
	C204	AE19303	Solid Mechanics and Basic of Aircraft Structures	50	51.1	54.1	58.2	53.5	54.2
	C205	AE19304	Aero Engineering Thermodynamics	50	47.6	50.1	54.2	56.1	50.2
	C206	MC19301	Value Education	50	60.8	61.7	68.2	64	64.2
	C207	AE19305	Fluid Mechanics and Machinery Laboratory	50	53	50.8	59.6	59.9	55.6
	C208	AE19306	Strength of Materials Laboratory	50	85	80.7	79.3	75	NA
	C209	AE19307	Thermodynamics Laboratory	50	85.7	79.8	89.2	77	NA
IV	C210	MA19404	Numerical Methods	50	61.6	58.7	60.4	50.6	41.2
	C211	AE 19401	Aerodynamics I	50	54.3	58	53.3	50.2	47
	C212	AE 19402	Aircraft Propulsion	50	61	59.8	66	68.3	52
	C213	AE 19403	Aircraft Structures I	50	72.5	64.6	76.6	74	61
	C214	AE 19404	Aircraft Systems and Instrumentations	50	85	80.5	79	80	51.2
	C215	MC19401	Environmental Science and Engineering	50	63	61.8	62.2	58	55.7
	C216	AE 19405	Aerodynamics Laboratory	50	82.5	79	83.3	86.6	NA
	C217	AE 19406	Aircraft Structures Laboratory - I	50	74	75.5	80.2	84	NA
	C218	EN 19401	English Proficiency Course Laboratory	50	75	74.8	79.5	81	NA
V	C301	AE19501	Flight Mechanics	50	71.08	62.5	61.4	50.48	69
	C302	AE19502	Aerodynamics II	50	53.2	56.4	60.3	62.2	54.3
	C303	AE19503	Ramjet and Rocket Propulsion	50	41.6	47.4	45.2	47.3	49
	C304	AE19504	Aircraft Structures II	50	64.9	53.7	42.2	81.2	66.8
	C305	AE19505	General Engineering Practices for aircraft Maintenance	50	57.6	50.5	60.2	56.9	49
	C306	AE19151	Vibrations and Elements of Aeroelasticity	50	61	62	65.2	64.3	58.1
	C307	AE19506	Propulsion laboratory	50	77.3	81.4	82.6	74	NA
	C308	AE19507	Aircraft Structures -II Laboratory	50	80.6	81	84.7	80	NA
	C309	EN19501	Career Development Laboratory-I	50	53	51.5	55	57	54.9
C310	BA19101	Entrepreneurship Development	50	67	61.5	68	71	60	
C311	AE19601	Finite Element Methods for Aeronautical Applications	50	74.2	69.8	71.5	76	70	

VI	C312	AE19602	Composite Materials and Structures	50	59	60.5	55	54.6	52.2
	C313	AE19603	Experimental Stress Analysis	50	70	62.7	53.7	53	55.6
	C314	AE19251	Aero Engine Maintenance and Repair	50	73	72.8	79.2	81	75
	C315	AE19901	Fundamentals of Aircraft Engineering	50	65.5	62.5	72	67	61
	C316	AE19604	CAD and CAM Laboratory for Aeronautical Application	50	81.3	83.7	83.2	84	NA
	C317	AE19605	Aircraft Systems and Repair lab	50	85.2	84.8	89	85	NA
	C318	EN19601	Career Development Laboratory-II	50	53.6	50.5	56.3	59.3	60
VII	C401	AE19701	Aircraft Design	50	52	53.7	58.3	56.2	52.3
	C402	AE19702	Unmanned Aerial Vehicle Systems	50	58.3	57.1	55.3	64.3	58.4
	C403	AE19703	Avionics	50	51.1	54.1	58.2	53.5	57.7
	C404	AE19351	Cryogenic Engineering	50	47.6	50.1	54.2	56.1	56.3
	C405	AE19451	High Temperature Materials	50	60.8	61.7	68.2	64	56
	C406	AE19904	Aircraft Safety	50	53	50.8	59.6	59.9	51.2
	C407	AE19704	UAV Systems Laboratory	50	70	72.5	73.1	77	NA
	C408	AE19705	Aircraft Design Project	50	73.3	70.6	76	81	NA
	C409	AE19706	Mini Project	50	86	83.5	82	84	NA
VIII	C410	AE19801	Rockets and Missiles	50	53	60.5	64	67	69
	C411	AE19802	Airframe Maintenance and Repair	50	60	67.5	66	75	71
	C412	AE19651	Industrial Aerodynamics	50	63	60.5	69	71	72
	C413	AE19802	Project Work	50	78	84.5	85	84	NA



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