

**PAAVAI ENGINEERING COLLEGE**  
**DEPARTMENT OF AERONAUTICAL ENGINEERING**  
**REGULATIONS 2016**  
**BATCH: 2017-2021**

Sem	Course code	Course Name	Target	CO1	CO2	CO3	CO4	CO5	
I	C101	MA16101	Matrices and Calculus	50	45.6	32.7	40.9	39.1	25.9
	C102	EN16101	Technical English I	50	53	54.2	53.8	54.3	53.6
	C103	PH16101	Engineering Physics I	50	62	61.2	59.1	59.8	64.1
	C104	CH16101	Engineering Chemistry I	50	64	63.2	60.1	59.8	53.1
	C105	ME16104	Engineering Graphics	50	47.6	41.2	39.7	36.8	30.3
	C106	EE16101	Basic Electrical & Electronics Engineering	50	51.2	45.6	54.2	59.2	58.6
	C107	PC16101	Physics and Chemistry Laboratory - I	50	72	74	70	66.8	NA
	C108	AE16101	Basic Aero modeling Laboratory	50	75	72.8	84.2	NA	NA
	C109	GE16101	Engineering Practices Laboratory	50	69.7	81.9	72	82.6	NA
II	C110	MA16201	Differential Equations and Complex Analysis	50	40.9	39.1	32.7	24.3	19.1
	C111	EN16201	Technical English II	50	58.2	57.6	54.3	55.7	52.6
	C112	PH16202	Applied Physics	50	65.5	63.6	62.5	55.1	48.3
	C113	CH16201	Engineering Chemistry II	50	62.5	60.6	58.5	52.1	42.3
	C114	CS16201	Computer Programming	50	68.5	64.5	67.2	59.7	49.8
	C115	ME16201	Engineering Mechanics	50	69.4	68.5	67.4	59.2	48.5
	C116	PC16201	Physics and Chemistry Laboratory - II	50	74.3	71.6	75.7	68.9	NA
	C117	CS16202	Computer Programming Laboratory	50	59.2	57.2	59.3	69.7	66.5
	C118	EN16202	English Communication Skills Laboratory	50	68.4	66.7	65.4	62.3	65.1
III	C201	MA16301	Transforms And Boundary-Value Problems	50	52.9	49.7	61.6	64.8	58.2
	C202	AE16301	Aircraft Materials and Manufacturing Technology	50	53.2	59.6	64.2	68.1	60.5
	C203	AE16302	Basics of Aeronautical Engineering	50	55	66.8	72.3	69	64
	C204	AE16303	Fluid Mechanics and Machinery	50	48	49.6	58.2	59.6	51.2
	C205	AE16304	Solid Mechanics	50	44.2	49.2	47	42.3	48.9
	C206	AE16305	Thermodynamics and Heat Transfer	50	41.2	46.5	48	52	58
	C207	AE16306	Fluid Mechanics and Machinery Laboratory	50	79.2	84.2	86.2	NA	NA
	C208	AE16307	Strength of Materials Laboratory	50	82.3	85.2	82.2	NA	NA
	C209	AE16308	Thermodynamics Laboratory	50	86.2	86.3	88	NA	NA
IV	C210	MA16404	Numerical Methods	50	62.6	60.2	59.4	48.6	45.2
	C211	AE 16401	Aerodynamics	50	59.3	58.6	54.3	62.3	60.4
	C212	AE 16402	Aircraft Propulsion	50	52.1	55.6	57.2	51.5	59.7
	C213	AE 16403	Aircraft Structures I	50	48.6	51.6	53.2	54.1	58.3
	C214	AE 16404	Aircraft Systems and Instrumentations	50	61.8	63.2	67.2	62	58
	C215	CH16403	Environmental Science and Engineering	50	54	52.3	58.6	57.9	53.2
	C216	AE 16405	Aerodynamics Laboratory	50	83.5	80.5	82.3	84.6	NA
	C217	AE 16406	Aircraft Structures Laboratory - I	50	75	77	79.2	82	NA
	C218	EN 16401	Business English Course Laboratory	50	76	76.3	78.5	86.5	58.6
V	C301	AE16501	Gas Dynamics	50	72.08	64	60.4	48.48	71
	C302	AE16502	Aircraft General Engineering and Maintenance Practices	50	54.2	57.9	59.3	60.2	56.3
	C303	AE16503	Aircraft Structures - II	50	42.6	48.9	44.2	45.3	51

V	C304	AE16504	Aircraft Performance	50	65.9	55.2	41.2	79.2	68.8
	C305	AE16505	Rocket Propulsion	50	58.6	52	59.2	54.9	51
	C306	AE16151	Principles of UAV and MAV	50	62	63.5	64.2	62.3	60.1
	C307	AE16506	Aircraft Structures -II Laboratory	50	78.3	82.9	81.6	NA	NA
	C308	AE16507	Propulsion laboratory	50	81.6	82.5	83.7	NA	NA
	C309	EN16501	Carrier Development Laboratory-I	50	73.8	65.8	62.5	82.6	78.2
VI	C310	AE16601	Computational Fluid Dynamics	50	68	63	67	69	62
	C311	AE16602	Aircraft Stability and Control	50	75.2	71.3	70.5	74	72
	C312	AE16603	Theory of Vibrations	50	60	62	54	59.05	54.2
	C313	BA16254	Principles of Management	50	71	64.2	52.7	51	57.6
	C314	AE16254	Wind Tunnel Techniques	50	74	74.3	78.2	79	77
	C315	AE16903	Aircraft Safety	50	66.5	64	71	65	63
	C316	AE16604	Aero CAD and CAM Laboratory	50	86	82.2	78.3	NA	NA
	C317	AE16605	Aircraft Engine and Structures Repair Laboratory	50	86.7	81.3	88.2	NA	NA
	C318	EN16601	Career Development Laboratory-II	50	81.2	87.6	86.7	NA	NA
VII	C401	AE16701	Finite Element Method	50	56	55	57	54	53.2
	C402	AE16702	Aircraft Design	50	55.3	59.5	52.3	48.2	51
	C403	AE16703	Aero Engine Repair and Maintenance	50	62	61.3	65	66.3	56
	C404	AE16704	Avionics	50	73.5	66.1	75.6	72	65
	C405	AE16351	Cryogenic Engineering	50	86	82	78	78	55.2
	C406	AE16905	Introduction to Aviation	50	64	63.3	61.2	56	59.7
	C407	AE16705	Avionics and Aircraft Systems Laboratory	50	86	84.2	85	82.4	NA
	C408	AE16706	Aircraft Design Project	50	78.6	79.2	78.8	82	NA
	C409	AE16707	Comprehension and Technical Seminar	50	94	92	92	95	NA
VIII	C410	AE16801	Rockets and Missiles	50	72	65	62.9	66	72.3
	C411	AE16802	Composite Materials and Structures	50	74	70	68.5	69.5	72
	C412	BA16451	Entrepreneurship Development	50	66	64	65.8	71.3	69.6
	C413	AE16803	Project Work	50	85.82	92	78.2	89.2	NA

  
HOD/Aero

HEAD OF THE DEPARTMENT:

DEPARTMENT OF AERONAUTICAL ENGINEERING

PAVAI ENGINEERING COLLEGE (AUTONOMOUS)

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Principal

PRINCIPAL

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