

PAAVAI ENGINEERING COLLEGE(Autonomous)

DEPARTMENT OF AERONAUTICAL ENGINEERING

BATCH: 2015 - 2019 (UG)

2.6.2-CO ATTAINMENT

Semester	Course code	Course Name	Target	CO1	CO2	CO3	CO4	CO5
I	C101	MA15101	Matrices and Calculus	50	45.6	32.7	40.9	25.9
	C102	EN15101	Technical English I	50	53	54.2	53.8	53.6
	C103	PH15101	Engineering Physics	50	62	61.2	59.1	64.1
	C104	CH15101	Engineering Chemistry I	50	64	63.2	60.1	53.1
	C105	ME15104	Engineering Graphics	50	52.6	54.5	62.3	63.1
	C106	EE15101	Basic Electrical & Electronics Engineering	50	42.8	60.8	55.9	43.9
	C107	PC15101	Physics & Chemistry Laboratory I	50	72	74	70	NA
	C108	AE 15101	Basic Aero modeling Laboratory	50	75	72.8	84.2	NA
	C109	GE15101	Engineering Practices Laboratory	50	72.3	74	72.2	73.2
II	C110	MA15201	Differential Equations and Complex Analysis	50	40.9	39.1	32.7	19.1
	C111	EN15201	Technical English II	50	58.2	57.6	54.3	52.6
	C112	PH15202	Applied Physics	50	65.5	63.6	62.5	48.3
	C113	CH15201	Engineering Chemistry II	50	62.5	60.6	58.5	42.3
	C114	CS15201	Computer Programming	50	50.23	40.36	51.32	50.98
	C115	ME15201	Engineering Mechanics	50	51.23	48.2	49.3	51.3
	C116	PC15201	Physics & Chemistry Laboratory II	50	74.3	71.6	75.7	NA
	C117	CS15202	Computer Programming Laboratory	50	75.05	72.35	71.52	65.23
	C118	EN15202	English Communication Skills Laboratory	50	68.4	66.7	65.4	62.3
III	C201	MA15301	Transforms and Boundary Value Problems	50	52.9	49.7	61.6	58.2
	C202	AE15301	Aircraft Materials and Manufacturing Technology	50	53.2	59.6	64.2	60.5
	C203	AE15302	Basics of Aeronautical Engineering	50	55	66.8	72.3	69
	C204	AE15303	Fluid Mechanics and Machinery	50	48	49.6	58.2	59.6
	C205	AE15304	Solid Mechanics	50	44.2	49.2	47	42.3
	C206	AE15305	Thermodynamics and Heat Transfer	50	41.2	46.5	48	52
	C207	AE15306	Fluid Mechanics and Machinery Laboratory	50	79.2	84.2	86.2	NA
	C208	AE15307	Strength of Materials Laboratory	50	82.3	85.2	82.2	NA
	C209	AE15308	Thermodynamics Laboratory	50	86.2	86.3	88	NA
IV	C210	MA15404	Numerical Methods	50	62.6	60.2	59.4	45.2
	C211	AE15401	Aerodynamics I	50	59.3	58.6	54.3	62.3
	C212	AE15402	Aircraft Propulsion	50	52.1	55.6	57.2	51.5
	C213	AE15403	Aircraft Structures I	50	48.6	51.6	53.2	54.1
	C214	AE15404	Aircraft Systems and Instrumentations	50	61.8	63.2	67.2	62
	C215	CH15403	Environmental Science and Engineering	50	54	52.3	58.6	57.9
	C216	AE15405	Aerodynamics Laboratory	50	83.5	80.5	82.3	84.6
	C217	AE15406	Aircraft Structures Laboratory I	50	75	77	79.2	82
	C218	AE15407	CAM and Manufacturing Laboratory	50	76	76.3	78.5	79
	C219	EN15401	Business English Course Laboratory	50	64.4	65.7	62.4	61.3

V	C301	AE15501	Aerodynamics II	50	72.08	64	60.4	48.48	71
	C302	AE15502	Aircraft General Engineering and Maintenance Practices	50	54.2	57.9	59.3	60.2	56.3
	C303	AE15503	Aircraft Structures II	50	42.6	48.9	44.2	45.3	51
	C304	AE15504	Flight Dynamics	50	65.9	55.2	41.2	79.2	68.8
	C305	AE15505	Rocket Propulsion	50	58.6	52	59.2	54.9	51
	C306	AE15506	Experimental Stress Analysis	50	62	63.5	64.2	62.3	60.1
	C307	AE15507	Aircraft Structures II Laboratory	50	78.3	82.9	81.6	NA	NA
	C308	AE15508	Propulsion laboratory	50	81.6	82.5	83.7	NA	NA
	C309	EN15501	Career Development Laboratory I	50	53.6	58.3	55.6	59.3	63.2
VI	C310	AE15601	Composite Materials and Structures	50	68	63	67	69	62
	C311	AE15602	Air Traffic Control and planning	50	75.2	71.3	70.5	74	72
	C312	AE15603	Finite Element Method	50	60	62	54	59.05	54.2
	C313	BA15254	Principles of Management	50	71	64.2	52.7	51	57.6
	C314	AE15151	Industrial Aerodynamics	50	74	74.3	78.2	79	77
	C315	AE15253	Aero Engine Repair and Maintenance	50	66.5	64	71	65	63
	C316	AE15604	Aero CAD Laboratory	50	86	82.2	78.3	NA	NA
	C317	AE15605	Aircraft Engine and Structures Repair Laboratory	50	86.7	81.3	88.2	NA	NA
	C318	EN15601	Career Development Laboratory II	50	65.1	68	63.8	NA	NA
VII	C401	AE15701	Computational Fluid Dynamics	50	56	55	57	54	53.2
	C402	AE15702	Theory of Vibrations	50	55.3	59.5	52.3	48.2	51
	C403	AE15703	Aircraft Design	50	62	61.3	65	66.3	56
	C404	AE15704	Avionics	50	73.5	66.1	75.6	72	65
	C405	AE15354	Wind Tunnel Techniques	50	86	82	78	78	55.2
	C406	AE15451	Cryogenic Engineering	50	64	63.3	61.2	56	59.7
	C407	AE15705	Avionics and Aircraft Systems Laboratory	50	86	84.2	85	83.2	NA
	C408	AE15706	Aircraft Design Project	50	78.6	79.2	78.8	82	NA
	C409	AE15707	Comprehension and Technical Seminar	50	94	92	92	95	NA
VIII	C410	AE15801	Rockets and Missiles	50	72	65	62.9	66	72.3
	C411	AE15552	Principles of UAV and MAV	50	74	70	68.5	69.5	72
	C412	AE15651	Aviation Maintenance and Management	50	66	64	65.8	71.3	69.6
	C413	AE15802	Project Work	50	85.82	92	78.2	89.2	NA


HEAD OF THE DEPARTMENT
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