

PAAVAI ENGINEERING COLLEGE (AUTONOMOUS)
DEPARTMENT OF MECHANICAL ENGINEERING
CO ATTAINMENT FOR BATCH 2020-2024

Semester	Course code	Course Name	Target	CO1	CO2	CO3	CO4	CO5
I	C101	EN20101 English Communication Skills - I	60	65.01	63.85	64.33	65.19	65.16
	C102	MA20101 Matrices and Calculus	60	47.26	35.40	32.56	26.49	38.76
	C103	PH20101 Engineering Physics	60	68.84	49.17	68.47	68.05	62.48
	C104	CH20101 Engineering Chemistry	60	57.32	62.36	63.76	65.68	62.12
	C105	EE20101 Basic Electrical Engineering	60	68.66	56.67	58.11	62.51	66.72
	C106	ME20101 Engineering Graphics	60	76.89	73.08	71.10	69.83	76.04
	C107	CH20102 Chemistry laboratory	60	94.63	90.39	92.05	94.73	Nil
	C108	GE20101 Engineering Practices Laboratory	60	92.29	90.42	89.29	94.12	Nil
II	C109	EN20201 English Communication Skills - II	60	63.71	64.68	62.14	60.42	68.17
	C110	MA20201 Complex variables and differential equations	60	54.31	43.50	38.53	47.49	49.03
	C111	PH20203 Material science	60	63.84	87.09	61.89	64.25	61.26
	C112	CS20201 Programming in Python	60	63.56	62.36	63.76	65.68	62.12
	C113	ME20202 Engineering Mechanics	60	66.25	59.51	61.81	65.37	61.32
	C114	CS20203 Programming in Python laboratory	60	75.38	78.95	76.85	85.34	Nil
	C115	PH20205 Physics Laboratory	60	74.25	73.65	75.68	84.41	Nil
III	C201	MA20301 Transforms And Boundary Value Problems	60	62.19	56.67	54.93	56.62	59.42
	C202	ME20301 Thermodynamics	60	67.54	50.18	58.23	57.69	55.82
	C203	ME20302 Manufacturing processes	60	64.92	72.15	64.20	65.86	62.62
	C204	ME20303 Engineering Materials And Metallurgy	60	63.47	68.25	68.47	68.05	65.40
	C205	ME20304 Fluid Mechanics And Hydraulic Machines	60	65.73	62.38	58.25	60.54	59.87
	C206	MC20301 Value Education	60	66.37	77.18	62.78	65.62	68.20
	C207	ME20305 Manufacturing Processes Laboratory	60	94.63	90.39	92.05	94.73	Nil
	C208	ME20306 Fluid Mechanics And Machinery Laboratory	60	96.98	91.32	91.08	92.94	Nil
	C209	EN20301 English Proficiency Course Laboratory	60	87.56	88.96	85.30	90.57	Nil
IV	C210	MA20401 Numerical Methods	60	65.70	56.92	53.81	62.48	54.70
	C211	ME20401 Applied Thermodynamics	60	59.37	61.11	68.67	52.61	65.51
	C212	ME20402 Mechanics Of Materials	60	57.32	62.36	63.76	65.68	62.12
	C213	ME20403 Kinematics Of Machinery	60	68.66	56.67	58.11	62.51	66.72
	C214	ME20404 Metal Cutting Processes	60	65.07	70.32	63.46	62.93	70.81
	C215	MC20401 Environmental Science And Engineering	60	68.83	69.59	72.10	60.84	68.00
	C216	ME20405 Hydraulics and Pneumatics	60	68.83	69.59	72.10	60.84	68.00
	C217	ME20406 Thermal Laboratory	60	94.63	90.39	92.05	94.73	Nil
	C218	ME20407 Strength Of Materials Laboratory	60	94.17	90.81	91.65	93.73	Nil
	C219	ME20408 Metal cutting process Laboratory	60	92.29	90.42	89.29	94.12	Nil
V	C301	ME20501 Power Plant Engineering	60	67.62	60.52	63.23	69.53	62.14
	C302	ME20502 Heat and Mass Transfer	60	57.50	60.33	56.53	66.22	63.60
	C303	ME20503 Dynamics of Machinery	60	57.79	58.30	56.86	58.72	63.18
	C304	ME20504 Metrology and Measurements	60	66.25	59.51	61.81	65.37	61.32
	C305	ME20505 Design of Machine Elements	60	70.46	60.11	68.92	66.56	54.99
	C306	EE20508 Instrumentation and Control	60	68.83	62.16	64.53	66.95	68.00

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	C307	ME20506 Heat Transfer Laboratory	60	94.63	90.39	92.05	94.73	Nil
	C308	ME20507 Dynamics Laboratory	60	94.25	90.06	92.22	92.80	Nil
	C309	ME20508 Metrology and Measurements Laboratory	60	94.63	90.39	92.05	94.73	Nil
	C310	EN20501 Career Development Laboratory I	60	94.26	91.00	91.19	95.07	Nil
VI	C311	ME20601 Computer Aided Design and Manufacturing	60	59.88	69.40	61.80	65.09	65.95
	C312	ME20602 Design of Transmission Systems	60	67.98	61.47	64.53	61.52	68.00
	C313	ME20603 Automobile Engineering	60	67.56	64.20	59.43	73.13	66.93
	C314	ME20152 Industrial Robotics	60	65.70	60.32	57.06	69.53	68.47
	C315	ME20253 Gas Dynamics and Jet Propulsion	60	59.37	56.73	54.87	58.38	59.16
	C316	CE20901 Building services	60	68.57	69.87	72.54	76.38	75.24
	C317	ME20604 CAD/CAM Laboratory	60	96.84	92.86	91.27	94.28	Nil
	C318	ME20605 Design and Fabrication Project	60	94.39	90.45	79.37	93.54	85.63
	C320	EN20601 Career Development Laboratory II	60	95.62	91.49	90.44	93.77	Nil
VII	C401	ME20701 Automation in manufacturing	60	62.25	59.39	60.37	63.12	60.92
	C402	ME20702 Finite Element Analysis	60	58.18	69.52	61.01	64.56	60.33
	C403	ME20703 Mechatronics	60	66.35	62.59	61.62	67.29	57.20
	C404	ME20351 Computer Integrated Manufacturing Systems	60	67.59	59.42	64.66	65.12	67.01
	C405	ME20451 Unconventional Machining Processes	60	66.08	59.85	65.74	84.82	65.24
	C406	MD20904 Electrical safety and Quality assurance in healthcare	60	75.68	76.15	72.38	69.58	67.65
	C407	ME20704 Simulation and Analysis Laboratory	60	94.63	90.39	92.05	94.73	Nil
	C408	ME20705 Mechatronics Laboratory	60	91.90	89.48	91.21	90.19	Nil
	C409	ME20706 Project Work Phase-I	60	87.91	83.62	82.73	88.42	Nil
VIII	C410	BA20352 Total Quality Management	60	80.93	69.08	64.30	68.72	62.64
	C411	ME20554 Maintenance Engineering	60	63.71	66.03	62.14	74.42	68.17
	C412	ME20652 Welding Technology	60	63.84	87.09	61.89	64.25	67.23
	C413	ME20802 Project work Phase - II	60	95.47	91.55	91.81	93.24	Nil


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