

**Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
Faculty of Engineering & Technology
Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)**

III Semester B.E. (Mechanical Engineering)

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks
BEME301T	Applied Mathematics- III [#]	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME302T	Kinematics of Machine	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME303T	Fluid Mechanics	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME304T	Manufacturing Processes	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME304P	Manufacturing Processes	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME305T	Engineering Metallurgy	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME305P	Engineering Metallurgy	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME306P	Machine Drawing	-	02	02	04	-	-	-	-	-	50	50	100	50
BEME307P	Technical Report and Seminar	-	-	02	02	-	-	-	-	-	-	50	50	25
Total		15	07	08	-	-	400	100	500	-	100	150	250	-
Semester Total		30			28	Marks 750								

[#] Applied Mathematics – III (BEME301T) subject pertains to Board of Studies in Applied Sciences & Humanities

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur
Faculty of Engineering & Technology
Course and Examination Scheme of Bachelor of Engineering (Mechanical Engineering)

IV Semester B.E. (Mechanical Engineering)

Subject Code	Subject	Teaching Scheme				Examination Scheme								
		Hours per week			No. of Credits	Theory					Practical			
		L	T	P		Duration of Paper (Hrs.)	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks	Max. Marks University Assessment	Max. Marks College Assessment	Total Marks	Min. Passing Marks
BEME401T	Applied Mathematics- IV [#]	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME402T	Engineering Thermodynamics	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME403T	Hydraulic Machines	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME403P	Hydraulic Machines	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME404T	Machining Processes	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME404P	Machining Processes	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME405T	Mechanics of Material	03	01	-	04	03	80	20	100	40	-	-	-	-
BEME405P	Mechanics of Material	-	-	02	01	-	-	-	-	-	25	25	50	25
BEME406T	Environmental Studies	03	-	-	College Assessment in Grades as O, A, B, C, (Evaluation Guidelines mentioned in the Syllabus of concerned Subject)									
BEME407P	Mini Project	-	-	02	02	-	-	-	-	-	-	50	50	25
Total		18	05	08	-	-	400	100	500	-	75	125	200	-
Semester Total		31			25	Marks 700								

[#] Applied Mathematics – IV (BEME401T) subject pertains to Board of Studies in Applied Sciences & Humanities

Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur

Faculty of Engineering and Technology

B.E. (MECHANICAL ENGINEERING)

ABSORPTION / EQUIVALENCE SCHEME

For the Failures/Ex-Students of Third to Eighth Semester of B.E. (Mechanical Engineering)

THIRD SEMESTER B.E. (Mechanical Engineering)

As Per Credit Grade Semester Scheme			As per Semester Scheme		
Subject Code	Subject	Theory/ Practical	Subject Code	Subject	Theory / Practical
BEME301T	Applied Mathematics- III	Theory	3ME1	Applied Mathematics - III	Theory
BEME302T	Kinematics of Machine	Theory	3ME2	Theory of Machines - I	Theory
BEME303T	Fluid Mechanics	Theory	3ME3	Fluid Power – I	Theory
BEME404T	Machining Processes	Theory	3ME4	Manufacturing Process - I	Theory
BEME404P	Machining Processes	Practical	3ME4	Manufacturing Process - I	Practical
BEME305T	Engineering Metallurgy	Theory	3ME5	Engineering Metallurgy	Theory
BEME305P	Engineering Metallurgy	Practical	3ME5	Engineering Metallurgy	Practical
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BEME506P	Computer Applications - I	Practical	3ME6	Computer Applications - I	Practical
BEME507P	Industrial Visit	Practical	3ME7	Industrial Visit	Practical
BEME304T	Manufacturing Processes	Theory	4ME6	Manufacturing Process – II	Theory
BEME304P	Manufacturing Processes	Practical	4ME6	Manufacturing Process – II	Practical
BEME306P	Machine Drawing	Practical	6ME6	Machine Drawing	Practical
BEME307P	Seminar	Practical	5ME7	Seminar	Practical

FOURTH SEMESTER B.E. (Mechanical Engineering)

As Per Credit Grade Semester Scheme			As per Semester Scheme		
Subject Code	Subject	Theory/ Practical	Subject Code	Subject	Theory/ Practical
BEME401T	Applied Mathematics- IV	Theory	4ME1	Applied Mathematics – IV	Theory
BEME405T	Mechanics of Material	Theory	4ME2	Machine Design - I	Theory
BEME402T	Engineering Thermodynamics	Theory	4ME3	Engineering Thermodynamics	Theory
BEME605T	Dynamics of Machines	Theory	4ME4	Theory of Machines –II	Theory
BEME605P	Dynamis of Machines	Practical	4ME4	Theory of Machines -II	Practical
BEME403T	Hydraulic Machines	Theory	4ME5	Fluid Power – II	Theory
BEME403P	Hydraulic Machines	Practical	4ME5	Fluid Power – II	Practical
BEME304T	Manufacturing Processes	Theory	4ME6	Manufacturing Process – II	Theory
BEME304P	Manufacturing Processes	Practical	4ME6	Manufacturing Process – II	Practical
BEME406T	Environmental Studies	Theory	---	Environmental Studies	Theory
BEME407P	Mini Project	Practical	4ME7	Mini Project	Practical
BEME404T	Machining Processes	Theory	3ME4	Manufacturing Process - I	Theory
BEME404P	Machining Processes	Practical	3ME4	Manufacturing Process - I	Practical
BEME405P	Mechanics of Material	Practical	---	---	---