

## SEMESTER - I

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	ME86008	Failure Analysis & Repair	4	-	-	4	-	70	30	-	-	100
2	ME86009	Hydraulic & Pneumatic Control Systems and their Maintenance	4	-	-	4	-	70	30	-	-	100
3	ME86010	Industrial Tribology	4	-	-	4	-	70	30	-	-	100
4	ME86011	Reliability, Availability & Maintainability Engineering	4	-	-	4	-	70	30	-	-	100
5	ME86012	Vibration & Noise Control	4	-	-	4	-	70	30	-	-	100
6	ME86451	Lab.- I : Vibration & Noise Control	-	-	4	-	4	-	-	40	60	100
7	ME86452	Lab.- II : Tribology & Failure Analysis	-	-	4	-	4	-	-	40	60	100
8	ME86500	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	8	20	8	350	150	80	120	700

## SEMESTER - II

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
1	ME86508	Diagnostic Maintenance	4	-	-	4	-	70	30	-	-	100
2	ME86509	Lubrication Theory & Practice	4	-	-	4	-	70	30	-	-	100
3	ME86600	Maintenance Planning & Control	4	-	-	4	-	70	30	-	-	100
4	ELECTIVE I		4	-	-	4	-	70	30	-	-	100
5	ELECTIVE II		4	-	-	4	-	70	30	-	-	100
6	ME86851	Lab. - III : Diagnostic Maintenance	-	-	4	-	4	-	-	40	60	100
7	ME86852	Lab. - IV : Lubrication Theory & Practice	-	-	4	-	4	-	-	40	60	100
8	ME86881	Seminar	-	-	2	-	2	-	-	100	-	100
9	ME86900	Comprehensive Viva	-	-	-	-	-	-	-	-	Grade	Grade
Total			20	0	10	20	10	350	150	180	120	800

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I.M.E. TRIBOLOGY AND MAINTENANCE

Elective I		Semester II
S.No	Sub. Code	Subject
1	ME86701	Advances in Tribology (ME 8676)
2	ME86702	Analysis, Design and Selection of Bearings
3	ME86703	Computer Aided Maintenance
4	ME86704	Materials for Tribological Applications

Elective II		Semester II
S.No	Sub. Code	Subject
1	ME86752	Maintenance of Agricultural & Farm Equipments
2	ME86751	Maintenance of Automobile & Earth Moving Equipments (ME 8682)
3	ME86753	Maintenance of Chemical Industry Equipments
4	ME86754	Maintenance of CNC Machine Tools
5	ME86755	Maintenance of Mining & Metallurgical Equipments

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II M.E. TRIBOLOGY AND MAINTENANCE

Scheme 2019-20

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SEMESTER - III

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
I	ME86901	Dissertation Phase-I	-	-	20	-	20	-	-	100	150	250
Total			0	0	20	0	20	0	0	100	150	250

SEMESTER - IV

(Admitted before 2012)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
I	ME 8696	Dissertation Phase-II	-	-	22	-	22	-	-	160	240	400
Total			0	0	22	0	22	0	0	160	240	400

(Admitted in 2012-2016)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
I	ME 8694	Dissertation Phase-II	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	0	30	0	0	160	240	400

(Admitted in and after 2017)

S. No.	Sub. Code	Subject	Hours per Week			Th. Credit	Pr. Credit	Maximum Marks				
			L	T	P			TH	CW	SW	Pr.	Total
I	ME86951	Dissertation Phase-II	-	-	30	-	30	-	-	160	240	400
Total			0	0	30	0	30	0	0	160	240	400

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