

The Following are the curriculum changes in R17 (P.G) stream

S.No	SUBJECT NAME	SUBJECT CODE	Summary	% OF SYLLABUS CHANGE
1	Theory of Elasticity and Plasticity	MD511	UNIT I , II and III and Some parts of Unit IV are Changed	70
2	Machinery Vibration And Control	MD512	Major changes in all units	80
3	Mechanisms and Robot Kinematics	MD513	No Change	0
4	Finite Element Methods	MD521	Some parts of UNIT 1 and 1st Part of Unit V	30
5	Optimization Techniques	MD522	Unit III added	20
6	Advanced Materials for Design	MD523	Newly Introduced	100
7	Computer aided Design LAB	MD551	No Change	0
8	Machine Dynamics and Simulation LAB	MD552	Experiments through Virtual lab were added	30
9	Analysis LAB	MD561	No Change	0
10	Seminar	MD562	No change	0
11	MOOCS	MD611	Newly Introduced	100
12	Dissertation Review	MD651	No Change	0
13	Internship	MD652	No Change	0
14	Project Viva Voce Examination	MD662	No Change	0
15	Design of Experiments	MD571	Unit IV added	20
16	Mechatronics System Design	MD573	Newly Introduced	100
17	Fluidics and Control System	MD572	No Change	0
18	CFD	MD574	Major changes in all units	80
19	Reliability Engineering	MD575	Unit I , IV and V are added	60
20	Mechanics of Composite Materials	MD576	Unit V second part introduced	10
21	Tribology	MD577	Major changes in all units	80
22	Product Design and Development	MD578	Newly Introduced	100
23	Rapid Prototyping	MD579	Newly Introduced	100
24	Fatigue Mechanics	MD580	Major changes in all units	80
25	Robotic Engineering	MD581	Major changes in all units	80
26	Signal Analysis and Condition Monitoring	MD582	Newly Introduced	100
27	Design for Manufacturing and Assembly	MD583	Major changes in all units	80
28	Vehicle Dynamics	MD584	Newly Introduced	100
29	Theory of Plates and Shells	MD585	Newly Introduced	100
30	Mechanics of Sheet Metal Forming	MD586	Newly Introduced	100
31	Research Methodology	MD587	Newly Introduced	100
32	Geometric Modelling	MD588	Newly Introduced	100
Average Change				56.875


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