

NAAC Criterion-I

Curricular Aspects

Key Indicator -1.1 Curriculum Design and Development

Sub-Criteria -1.1.2



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal)

Gola ka Mandir, Gwalior - 474005, Madhya Pradesh, India

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MECHANICAL ENGINEERING DEPARTMENT

SEM.	2019-2023 BATCH		2020-2024 BATCH		Percentage Change
	COURSE CODE	COURSE NAME	COURSE CODE	COURSE NAME	
I	560101	Optimization Techniques In Mechanical Engineering	560111	Computational Techniques	47.05
	560102	Integrated Manufacturing & Resources Planning	560112	Production Engineering- I	
	560103	Production Engineering- I	560113	Production and Operations Management	
	560104	Production & Operation Management	DE-I	560114: Maintenance Management 560115: Flexible Manufacturing Systems 560116: Ergonomics and Work Study 560117: Total Quality Management	
	DE	560105 Ergonomics and Work Study 560106 Project Management 560107 Reliability Availability and Maintainability 560108 World-Class Manufacturing	OC-I	800111: Product Design & Development 800112: Computer Integrated Manufacturing	
	560109	Simulation & Modeling Lab. -I	560120	Production Engineering Lab-I	
	560110	Production Engineering Lab. – I	560121	Self Learning / Presentation	
II	560201	Automation & Robotics in Production	560211	Automation & Robotics	
	560202	Advanced Statics & System Reliability	560212	Production Engineering-II	
	560203	Production Engineering-II	560213	Logistics and Supply Chain Management	
	560204	Total Quality Management	DE-2	560214: Quality Design and Control 560215: Traditional and Non-Traditional Optimization Tools 560216: Product Design and Manufacturing 560217: Material characterization 560218: Generative Design for Additive Manufacturing	
	DE	560205 Engineering Estimation & Costing 560206 Flexible Manufacturing System 560207 Concurrent Engineering 560208 Logistics & Supply Chain Management	OC-2	800210 : Introduction to Operations Management 800211 : Tools in Scientific Computing	
	560209	Computer Lab-I	560220	Production Engineering Lab-II	
	560210	Production Engineering Lab-II	560221	Self Learning / Presentation	

III	560301	Computer Integrated Manufacturing	560311	Dissertation Part-I
	560302	Maintenance Management	800310	Automation in Manufacturing
	560303	Seminar		
	560304	Dissertation Part – I		
IV	560401	Dissertation Part- II	560405	Dissertation Part-II