





**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY**

**Autonomous**

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Course Structure – M.Tech (THERMAL ENGINEERING) GR17 A.Y-2017-18**

**M. Tech – II SEMESTER**

S. No.	Subject Title	L	T	P	C	I	E	T
1	Fuels, Combustion And Environment	3	1	-	3	40	60	100
2	Energy Management	3	1	-	3	40	60	100
3	Finite Element Method..	3	1	-	3	40	60	100
4	Computational Fluid Dynamics	3	1	-	3	40	60	100
5	(Elective-III) Materials Technology	3	1	-	3	40	60	100
	Convective Heat Transfer							
	Thermal And Nuclear Power Plants							
	Advanced Automobile Engineering							
6	(Elective-IV) Thermal Measurements And Process Controls	3	1	-	3	40	60	100
	Cryogenic Engineering							
	Jet Propulsion And Rocketry							
	Equipment Design For Thermal Systems							
7	Thermal Systems Design Lab	--	--	3	2	40	60	100
		18	6	3	20	280	420	700

Design.





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## Course Structure – M.Tech (THERMAL ENGINEERING) GR17 A.Y-2017-18

S. No.	Subject Title	L	T	P	C
1	Comprehensive Viva-Voce				2
2	Seminar - I	-	-	-	2
3	Project work - I	-	-	-	16
Total		-	-	-	20

S. No.	Subject Title	L	T	P	C
1	Seminar - II	-	-	-	2
2	Project work - II	-	-	-	18
	Total	-	-	-	20

20

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DEPARTMENT OF MECHANICAL ENGINEERING

Course Structure – M.Tech (CAD/CAM) GR17 A.Y-2017-18

M.Tech – I SEMESTER

S. No.	Subject Title	L	T	P	C	I	E	T
1	Industrial Robotics – Design	3	1	-	3	40	60	100
2	Computer Aided Manufacturing	3	1	-	3	40	60	100
3	Special Manufacturing Processes	3	1	-	3	40	60	100
4	Geometric Modeling – Desig	3	1	-	3	40	60	100
5	(Elective-I) Computational Methods in Engineering – Design	3	1	-	3	40	60	100
	Mechanical Vibrations – Des							
	Nano Technology							
6	(Elective-II) Design for Manufacturing & Assembly	3	1	-	3	40	60	100
	Mechatronics							
	Computer Aided Process Planning							
7	Advanced CAD Lab	--	--	3	2	40	60	100
	TOTAL	18	6	3	20	280	420	700

*[Handwritten signatures and notes below the table]*







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**DEPARTMENT OF MECHANICAL ENGINEERING**

**Course Structure – M.Tech (THERMAL ENGINEERING) GR17 A.Y-2017-18**

**M. Tech – III SEMESTER**

S. No.	Subject Title	L	T	P	C
1	Comprehensive Viva-Voce				2
2	Seminar - I	-	-	-	2
3	Project work - I	-	-	-	16
Total		-	-	-	20

**M. Tech – IV SEMESTER**

S. No.	Subject Title	L	T	P	C
1	Seminar - II	-	-	-	2
2	Project work - II	-	-	-	18
	Total	-	-	-	20

*Handwritten signatures and dates:*  
11/3/18  
B. Jayar?  
15- Jun