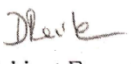
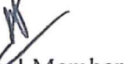
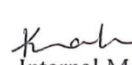
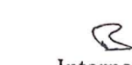


COURSE STRUCTURE**FOR****M.Tech****CAD/CAM****(Applicable for Batches Admitted from 2020 - 2021)****An Autonomous Institution
NBA Accredited & NAAC A+****Godavari institute of Engg& Technology****Approved By AICTE NAAC 'A+' Grade Recognized by UGC, U/Sec.2(f)&12(B) Permanent affiliation by JNTUK
GIET Campus, Chaitanya Knowledge city, NH-16, Rajahmundry, East Godavari, A.P.****Tel: +91-883-2484828-31 www.giet.ac.in**

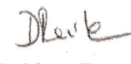
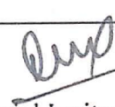
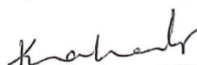
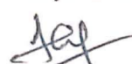
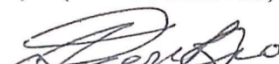
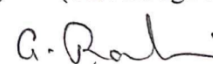
I SEMESTER

S.No	Course Code	Category	Course Name	L	T	P	Credits	Internal Marks	External Marks	Total
1	20231101	PC	Geometric Modeling	3	0	0	3	30	70	100
2	20231102	PC	Computer Aided Manufacturing	3	0	0	3	30	70	100
3		PE	Program Elective – 1	3	0	0	3	30	70	100
	20231164A		Computational Methods in Engineering							
	20231164B		Composite Materials							
	20231164C		Industrial Robotics							
4		PE	Program Elective – 2	3	0	0	3	30	70	100
	20231165A		Mechatronics							
	20231165B		Mechanical Vibrations							
	20231165C		Product Design and Development							
5	20231103	CC	Research Methodology	2	0	0	2	30	70	100
6	20201111	LB	Advanced CAD Lab	0	0	4	2	30	70	100
7	20231112	LB	Manufacturing Lab	0	0	4	2	30	70	100
8		AC	Audit Course –I	2	0	0	0	30	70	100
	20231196		English for Research Paper Writing							
	20231196a		Disaster Management							
	20231196b		Value Education							
Total				16	0	8	18	240	560	800

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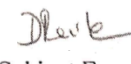
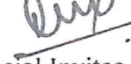
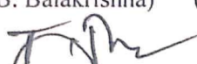
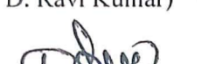
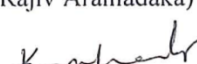
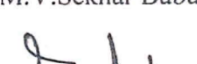
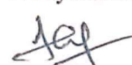
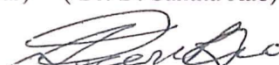
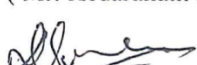
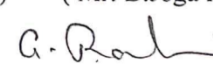
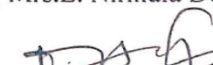
II SEMESTER

S. No	Course Code	Category	Course Name	L	T	P	Credits	Internal Marks	External Marks	Total
1	20231201	PC	Optimization & Reliability	3	0	0	3	30	70	100
2	20231202	PC	Advanced Manufacturing Processes	3	0	0	3	30	70	100
3		PE	Program Elective – 3	3	0	0	3	30	70	100
	20231263A		Additive Manufacturing							
	20231263B		Hydraulic and Pneumatic Systems							
	20231263C		Modeling and Simulation of Manufacturing Systems							
4		PE	Program Elective – 4	3	0	0	3	30	70	100
	20231264A		Materials Characterization Techniques							
	20231264B		Automation in Manufacturing							
	20231264C		Finite Element Method							
5	20231211	LB	Simulation of Manufacturing Lab	0	0	4	2	30	70	100
6	20231212	LB	Material Characterization Lab	0	0	4	2	30	70	100
7	20231221	MP	Mini Project With Seminar	2	0	0	2	100	--	100
8		AC	Audit Course –II	2	0	0	0	30	70	100
	20231295		Constitution of India							
	20231295a		Pedagogy Studies							
	20231295b		Personality Development Through Life Enlightenment Skills							
Total				16	0	8	18	310	490	800

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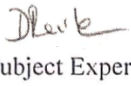
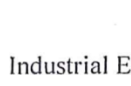
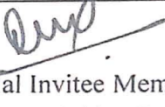
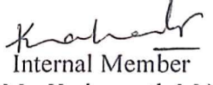
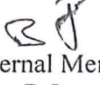
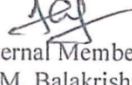
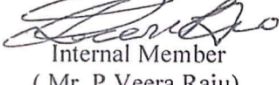
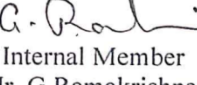
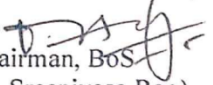
III SEMESTER

S.No	Course Code	Category	Course Name	L	T	P	Credits	Internal Marks	External Marks	Total
1	20231361A	PE	Program Elective – 5	3	0	0	3	30	70	100
			Quality Engineering in Manufacturing							
	20231361B		Green Manufacturing							
	20231361C		MOOCS-1 (NPTEL/ SWAYAM) 12 Week program related to the programme which is not listed in the course structure.							
2	20231361e	OE	MOOCS-2(NPTEL/ SWAYAM) Any12 Week Course on Engineering/Management/ Mathematics offered by other than parent department.	3	0	0	3	30	70	100
			Open Elective							
	20231362a		Composite Materials, Cost Management of Engineering Projects							
	20231362b		Energy Management							
	20231362c		Internet of Things and Applications							
	20231362d		Cyber Security							
3	20231341	PJ	Dissertation-I/ Industrial Project	0	0	20	10	-	-	-
			Total	6	0	20	16	60	140	200

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IV Semester

S. No	Course Code	Category	Course Name	L	T	P	Credits	Internal Marks	External Marks	Total
1	20231441	PJ	Dissertation -II	0	0	32	16	-	-	-
Total				0	0	32	16	-	-	-

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