

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (A)
CHAITANYA NAGAR, RAJAHMUNDRY**

**Programme Structure of
M.Tech. Programme in Computer Science & Engineering
GRMT-20
A.Y: 2020-21**

I Year I Semester

S. No	Course Code	Course Type	Course Title	Periods per week				Scheme of Examination Maximum Marks		
				L	T	P	C	Int.	Ext.	Total
1	20251101	PCC	Mathematical Foundations of Computer Science	3	0	0	3	30	70	100
2	20251102	PCC	Advanced Data Structures	3	0	0	3	30	70	100
3	20251163	PEC	Program Elective-1	3	0	0	3	30	70	100
4	20251164	PEC	Program Elective-2	3	0	0	3	30	70	100
5	20251105	CC	Research Methodology	2	0	0	2	30	70	100
6	20251116	PCC	Advanced Data Structures Lab	0	0	4	2	30	70	100
7	20251117	PCC	Advanced Computing Lab	0	0	4	2	30	70	100
8	20251198	MC	Audit Course-1 *	2	0	0	0	---	---	---
Total				16	0	8	18	210	490	700

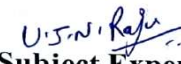
I Year II Semester

S. No	Course Code	Course Type	Course Title	Periods per week				Scheme of Examination Maximum Marks		
				L	T	P	C	Int.	Ext.	Total
1	20251201	PCC	Machine Learning	3	0	0	3	30	70	100
2	20251202	PCC	MEAN Stack Technologies	3	0	0	3	30	70	100
3	20251263	PEC	Program Elective-3	3	0	0	3	30	70	100
4	20251264	PEC	Program Elective-4	3	0	0	3	30	70	100
5	20251215	PCC	Machine Learning with Python lab	0	0	4	2	30	70	100
6	20251216	PCC	MEAN Stack Technologies Lab	0	0	4	2	30	70	100
7	20251227	PR	Mini Project with Seminar	2	0	0	2	100	---	100
8	20251298	MC	Audit Course-2 *	2	0	0	0	---	---	---
Total				16	0	8	18	210	490	700

Audit Courses-1&2

1. English for Research Paper Writing
2. Constitution of India
3. Disaster Management
4. Pedagogy Studies
5. Value Education
6. Personality Development through Life Enlightenment skills


University Nominee
PROFESSOR
Dept. of Computer Science & Engg
J. N. T. U. College of Engineering
KAKINADA - 533 003.


Subject Expert


Industry


BOS-Chairman
Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH- 16, Chaitanya Knowledge City,
RAJAHMUNDRY, A.P., INDIA - 533 296.

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II Year I Semester

S. No	Course Code	Course Type	Course Title	Periods per week			C	Scheme of Examination Maximum Marks		
				L	T	P		Int.	Ext.	Total
1	20251361	PEC	Program Elective-5/ MOOCs-1	3	0	0	3	30	70	100
2	20251362	OEC	Open Elective/ MOOCs-2	3	0	0	3	30	70	100
3	20251341	PR	Dissertation-I/ Industrial Project #	0	0	20	10	---	---	---
Total				6	0	20	16	60	140	200

II Year II Semester

S. No	Course Code	Course Type	Course Title	Periods per week			C	Scheme of Examination Maximum Marks		
				L	T	P		Int.	Ext.	Total
1	20251441	PR	Dissertation-II/ Industrial Project #	0	0	32	16	---	---	---
Total				0	0	32	16	---	---	---

Program Electives

	A	B	C
PE-1-A-C	Big Data Analytics	Digital Image Processing	Advanced Operating Systems
PE-2-A-C	Advanced Computer Networks	Internet of Things	Object Oriented Software Engineering
PE-3-A-C	Advanced Databases	Data Mining	Data Science
PE-4-A-C	Cloud Computing	Principles of Computer Security	High Performance Computing
PE-5-A-C	Deep Learning	Social Network Analysis	MOOCs-1: (NPTEL/SWAYAM) 12-Week Program related to the programme which is not listed in the course structure

Open Electives

MOOCs-2: (NPTEL/SWAYAM) - Any 12-Week Course on Engineering/ Management/ Mathematics offered by other than parent department	
Course offered by CSE	1.Machine Learning 2.Cyber Security


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