

1.2.1: Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years



2020-2021

1.2.1 Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
1	Civil Engineering	Big Data Analytics	17150703	2017-2018	GR-17
2		Mathematics-III	19119301	2019-2020	GRBT-19
3		Robotics	19110462A	2019-2020	GRBT-19
4		Operating Systems	19110462B	2019-2020	GRBT-19
5		Utilization of Electrical Energy	19110462C	2019-2020	GRBT-19
6		Internet of Things	19110462D	2019-2020	GRBT-19
7		Environmental Pollution & Control	19110462E	2019-2020	GRBT-19
8		Construction Materials, Equipment & Management	19110304	2019-2020	GRBT-19
9		Surveying & Geomatics	19110305	2019-2020	GRBT-19
10		Constitution of India	19110397	2019-2020	GRBT-19
11		Materials Testing Laboratory	19110312	2019-2020	GRBT-19
12		Numerical Methods and Probability & Statistics	19119401	2019-2020	GRBT-19
13		Mechanics of materials	19110403	2019-2020	GRBT-19
14		Community Service Oriented Project	19110441	2019-2020	GRBT-19
15		Advanced Concrete Technology Laboratory	202111111	2020-2021	GRBT-20
16		Finite Element Methods in Structural Engineering	20211201	2020-2021	GRBT-20
17		Advanced Steel Design	20211263B	2020-2021	GRBT-20
18		Analysis of Offshore Structures	20211263C	2020-2021	GRBT-20
19		Earthquake Resistant Design of Buildings	20211264A	2020-2021	GRBT-20
20		Precast and Prefabricated Structures	20211264B	2020-2021	GRBT-20

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16, Chaitanya Knowledge City
RAJAMAHENDRAVARAM, 533296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
21		Structural Design laboratory	20242295	2020-2021	GRBT-20
22		Advanced Matrix Analysis of Structures	20211163A	2020-2021	GRMT- 20
23		Analytical & Numerical Methods for Structural Engineering	20211163B	2020-2021	GRMT- 20
24		Design of RC Foundations	20211264A	2020-2021	GRMT- 20
25		Advanced Reinforced Concrete Design	202111164C	2020-2021	GRMT- 20
26		Research Methodology	202111188	2020-2021	GRMT- 20
27	Electrical & Electronic Engineering	Engineering Electromagnetics	19192106	2019-2020	GRBT-19
28		Problem solving & programming in C	19195105	2019-2020	GRBT-19
29		Professional Ethics and Human values	19199194	2019-2020	GRBT-19
30		Basic Engineering workshop	19193112	2019-2020	GRBT-19
31		Problem solving & programming in C lab	19195113	2019-2020	GRBT-19
32		Research methodology	20551105	2020-2021	GRBT-20
33		Mini Project	20221221	2020-2021	GRBT-20
34		English for research paper writing	20221291a	2020-2021	GRBT-20
35		Constitution of India	20221295a	2020-2021	GRBT-20
36		Pedagogy of studies	20221295b	2020-2021	GRBT-20
37		Personality development through Life enhancing skills	20221295c	2020-2021	GRBT-20
38	Mechanical Engineering	Design for Manufacturing	17130862B	2017-2018	GR-17
39		Pressure Vessels and Piping	17130862C	2017-2018	GR-17
40		Product Life Cycle Management	17130862D	2017-2018	GR-17
41		Renewable Energy Sources	17130862E	2017-2018	GR-17
42		Mini Project 2	17130722	2017-2018	GR-17

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16,Chaitanya Knowledge City
RAJAHMUNDRY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
43		Condition Monitoring	17130801	2017-2018	GR-17
44		Digital Manufacturing	17130802	2017-2018	GR-17
45		Design For Manufacturing	17130802	2017-2018	GR-17
46		Pressure Vessels and Piping	17130802	2017-2018	GR-17
47		Product Life Cycle Management	17130802	2017-2018	GR-17
48		Communicative English laboratory-II	19198211	2019-2020	GRBT-19
49		Engineering physics and its applications	19198203	2019-2020	GRBT-19
50		Design Thinking and Innovation	19130387	2019-2020	GRBT-19
51		Numerical Methods and Probability & Statistics	19139401	2019-2020	GRBT-19
52		Community Service Oriented Project	19130421	2019-2020	GRBT-19
53		Operating Systems	19135465a	2019-2020	GRBT-19
54		Utilization of Electrical Energy	19132465a	2019-2020	GRBT-19
55		Basic Automobile Engineering	19137465a	2019-2020	GRBT-19
56		Elements of Mining Technology	19136465a	2019-2020	GRBT-19
57		Computer Aided Machine Drawing	19130411	2019-2020	GRBT-19
58		Quality Engineering in Manufacturing	20231361A	2020-2021	GRBT-20
59		Green Manufacturing	20231361B	2020-2021	GRBT-20
60		Composite Materials, Cost Management of Engineering Projects	20231362a	2020-2021	GRMT- 20
61		Moocs-1 (NPTEL/SWAYAM)	20231361C	2020-2021	GRMT- 20
62		Moocs-2 (NPTEL/SWAYAM)	20231361e	2020-2021	GRMT- 20
63	Electronics & Communication Engineering	Embedded System Design	17140766b	2017-2018	GR-17
64		Real Time Operating Systems	17140802d	2017-2018	GR-17

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)

NH-16, Chaitanya Knowledge City

RAJAMAHENDRAVARAM - 533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
65		Mathematics-I	19199101	2019-2020	GRBT-19
66		Communicative English	19199102	2019-2020	GRBT-19
67		Mathematics-II	19199201a	2019-2020	GRBT-19
68		Engineering Chemistry	19199203	2019-2020	GRBT-19
69		Python Programming	19192206	2019-2020	GRBT-19
70		Basic Electrical and Electronics Engineering	19192205	2019-2020	GRBT-19
71		Basic Electrical and Electronics Engineering Lab	19192213	2019-2020	GRBT-19
72		Design Thinking and Product Innovation	19140387	2019-2020	GRBT-19
73		Internet Of Things	19144462	2019-2020	GRBT-19
74		Community Service Oriented Project	19140421	2019-2020	GRBT-19
75		Design Thinking & Product Innovation	19170386	2019-2020	GRBT-19
76		Complex Variables Transform Techniques	19149301	2019-2020	GRBT-19
77		Audit Course -1	20242196	2020-2021	GRBT-20
78		Audit Course -2	202111272	2020-2021	GRBT-20
79	Computer Science & Engineering	Real Time Systems	17150762d	2017-2018	GR-17
80		Soft Computing	17150762c	2017-2018	GR-17
81		Cloud Computing	17150761c	2017-2018	GR-17
82		Fuzzy Set Theory	17150761d	2017-2018	GR-17
83		Intellectual Property Rights and Patents	17159704	2017-2018	GR-17
84		APP Development Lab	17150712	2017-2018	GR-17
85		Big Data Analytics Lab	17150713	2017-2018	GR-17
86		Mini Project-II	17150721	2017-2018	GR-17
87		Artificial Intelligence	17150863a	2017-2018	GR-17

ATTESTED
PRINCIPAL

 Godavari Institute of Engineering & Tech.(A)
 NH-16, Chaitanya Knowledge City
 RAJAHMUNDRY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
88		Social Network Analysis	17150863b	2017-2018	GR-17
89		Virtual Reality	17150863c	2017-2018	GR-17
90		Neural Networks	17150863d	2017-2018	GR-17
91		Blockchain Technology	17150863e	2017-2018	GR-17
92		Seminar	17150831	2017-2018	GR-17
93		Digital Logic & Computer Organization	19150303	2019-2020	GRBT-19
94		Data Structures	19150304	2019-2020	GRBT-19
95		Discrete Mathematics	19159301	2019-2020	GRBT-19
96		Object Oriented Programming Through C++	19150302	2019-2020	GRBT-19
97		Design Thinking & Product Innovation	19150306	2019-2020	GRBT-19
98		Object Oriented Programming Through C++ Laboratory	19150312	2019-2020	GRBT-19
99		Formal Languages and Automata Theory	19150403	2019-2020	GRBT-19
100		Java Programming	19150401	2019-2020	GRBT-19
101		Number Theory & Applications	19150404	2019-2020	GRBT-19
102		Financial Management for Engineers	1915-466a	2019-2020	GRBT-19
103		Entrepreneurship qualities for Engineers	1915-466b	2019-2020	GRBT-19
104		Organizational Behaviour	1915-466e	2019-2020	GRBT-19
105		Digital Marketing	1915-466f	2019-2020	GRBT-19
106		Operations Management	1915-466g	2019-2020	GRBT-19
107		Total Quality Management	1915-466h	2019-2020	GRBT-19
108		Human Resource Management	1915-466i	2019-2020	GRBT-19
109		MOOCs-1: (NPTEL/SWAYAM) 12-Week Program	20251361	2020-2021	GRBT-20

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16, Chaitanya Knowledge City
RAJAHMUNDY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
110		Dissertation-I/ Industrial Project #	20251341	2020-2021	GRBT-20
111		Dissertation-II/ Industrial Project #	20251441	2020-2021	GRBT-20
112		Problem Solving & Programming in C	19199104	2019-2020	GRBT-19
113		Problem Solving & Programming Laboratory using C	19199113	2019-2020	GRBT-19
114		High Performance Computing	20251264C	2020-2021	GRBT-20
115		Basic Electrical & Electronics Engineering	19192212	2019-2020	GRMT- 20
116		Advanced Data Structures	20251102	2020-2021	GRMT- 20
117		Research Methodology	20251105	2020-2021	GRMT- 20
118		Advanced Data Structures Lab	20251116	2020-2021	GRMT- 20
119		Advanced Computing Lab	20251117	2020-2021	GRMT- 20
120		Audit Course-1*(English for Research Paper Writing)	20251198	2020-2021	GRMT- 20
121		Disaster Management	20251198	2020-2021	GRMT- 20
122		Constitution of India	20251198	2020-2021	GRMT- 20
123		Pedagogy Studies	20251198	2020-2021	GRMT- 20
124		Value Education	20251198	2020-2021	GRMT- 20
125		Personality Development through Life Enlightenment skills	20251198	2020-2021	GRMT- 20
126		MEAN Stack Technologies	20251202	2020-2021	GRMT- 20
127		Machine Learning with Python lab	20251215	2020-2021	GRMT- 20
128		MEAN Stack Technologies Lab	20251216	2020-2021	GRMT- 20
129		Mini Project with Seminar	20251227	2020-2021	GRMT- 20
130		Advanced Computer Networks	20251263A	2020-2021	GRMT- 20
131		Advanced Databases	20251263A	2020-2021	GRMT- 20

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16,Chaitanya Knowledge City
RAJAHMUNDY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
132	Automobile Engineering	Deep Learning	20251263A	2020-2021	GRMT- 20
133		Principles of Computer Security	20251264B	2020-2021	GRMT- 20
134		Special Purpose Vehicles	17170765A	2017-2018	GR-17
135		Modern Vehicle Design	17170765B	2017-2018	GR-17
136		Product Design & Assembly Automation	17170765C	2017-2018	GR-17
137		Off Road Vehicles	17170863A	2017-2018	GR-17
138		Rapid Prototyping	17170863C	2017-2018	GR-17
139		Special Purpose Vehicles	17170761d	2017-2018	GR-17
140		Management Science	17170761e	2017-2018	GR-17
141		Computational Fluid Dynamics	17170765h	2017-2018	GR-17
142		Principles of Management	17170702	2017-2018	GR-17
143		Vehicle Dynamics	17170801	2017-2018	GR-17
144		Hybrid, Electric & Fuel Cell Vehicles	17170862d	2017-2018	GR-17
145		Operation Research	17170863a	2017-2018	GR-17
146		Off Road Vehicles	17170863b	2017-2018	GR-17
147		Modern Vehicle Technology	17170863d	2017-2018	GR-17
148		Principle of Entrepreneurship	17170863f	2017-2018	GR-17
149		Simulation of SI & CI Engines	17170841	2017-2018	GR-17
150		Project Work	17179895	2017-2018	GR-17
151		Nano Technology	17170863E	2017-2018	GR-17
152		Community service oriented project	19170421	2019-2020	GRBT-19
153		Operating Systems	19170466b	2019-2020	GRBT-19

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16,Chaitanya Knowledge City
RAJAHMUNDRY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
154	Mining	Utilization of Electrical Energy	19170466c	2019-2020	GRBT-19
155		Elements of Mining Technology	19170466g	2019-2020	GRBT-19
156		Mine Planning and Designing	17160703	2017-2018	GR-17
157		Gas Testing in Mines	17160861a	2017-2018	GR-17
158		Advanced Mining Machinery	17160811	2017-2018	GR-17
159		Computer Applications in Mining	17160761b	2017-2018	GR-17
160		Environmental Pollution and Control in Mines	17160801	2017-2018	GR-17
161		Numerical Methods and Probability and Statistics	19169401	2019-2020	GRBT-19
162		Design thinking & Product Innovation	19120306	2019-2020	GRBT-19
163		Robotics	19123464a	2019-2020	GRBT-19
164		Operating systems	19123464b	2019-2020	GRBT-19
165		Elements of Mining Technology	19123464f	2019-2020	GRBT-19
166		Engineering Graphics	19193176	2019-2020	GRBT-19
167		Problem Solving and Programming in C	19195206	2019-2020	GRBT-19
168		Problem Solving and Programming in C lab	19198214	2019-2020	GRBT-19
169	CSE(Artificial Intelligence and Machine Learning)	Computer Engineering Workshop	201ME113c	2020-2021	GRBT-20
170		Python Programming	201CS205	2020-2021	GRBT-20
171	CSE(Cyber Security)	Computer Engineering Workshop	201ME113c	2020-2021	GRBT-20
172		Python Programming	201CS205	2020-2021	GRBT-20
173	CSE(Data Science)	Computer Engineering Workshop	201ME113c	2020-2021	GRBT-20
174		Python Programming	201CS205	2020-2021	GRBT-20
175	Master of Computer Applications	Problem Solving Using C & Data Structures	20300103	2020-2021	GRCA 20

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16, Chaitanya Knowledge City
RAJAHMUNDRY-533 296

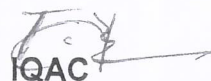
S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
176		C & Data Structures Lab	20300111	2020-2021	GRCA 20
177		Computer Organization	20300104	2020-2021	GRCA 20
178		Python Programming Lab	20300113	2020-2021	GRCA 20
179		Software Engineering Lab	20300213	2020-2021	GRCA 20
180		OOPS Through Java Lab	20300211	2020-2021	GRCA 20
181	Master of Business Administration	Managerial Communication , Soft Skills and Business Etiquette	17400104	2017-2018	GRMBA-17
182		Organisational behaviour	17400206	2017-2018	GRMBA-17
183		Business Ethics and Corporate Governance	17400303	2017-2018	GRMBA-17
184		Retail Management	17400361A	2017-2018	GRMBA-17
185		Security Analysis and Portfolio Management	17400361A	2017-2018	GRMBA-17
186		Strategic Human resource management	17400362B	2017-2018	GRMBA-17
187		Web Designing	20400267a	2020-2021	GRMBA-20
188		Management and Organisational Behaviour	20400267b	2020-2021	GRMBA-20
189		Business Communication and Soft skills	20400209	2020-2021	GRMBA-20
190		Cross cultural Management	20400267a	2020-2021	GRMBA-20
191		Rural Development	20400267b	2020-2021	GRMBA-20
192		Lean management	20400210	2020-2021	GRMBA-20
193		Operations Management	20400267a	2020-2021	GRMBA-20
194		Data base Management	20400267b	2020-2021	GRMBA-20
195		Legal and Business Environment	20400210	2020-2021	GRMBA-20
196		Project Management/ Technology Management	20400267a	2020-2021	GRMBA-20
197		MOOCs Swayam/ NPTEL	20400267b	2020-2021	GRMBA-20

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16, Chaitanya Knowledge City
RAJAHMUNDY-533 296

S.No	Name of the Programme	Name of the Course	Course Code	Year of Introduction	Regulation
198		IT LAB _ 2	20400211	2020-2021	GRMBA-20
199		Information Technology – Lab1(Spreadsheet and Tally)	20400111	2020-2021	GRMBA-20
200		Business Communication and Soft Skills Lab	20400122	2020-2021	GRMBA-20
201		IT-lab 2(Programming R)	20400211	2020-2021	GRMBA-20



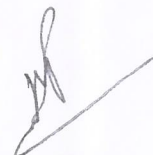
IQAC

Godavari Institute of
Engineering & Technology
NH-16, Chaitanya Knowledge City,
RAJAHMUNDY.

ATTESTED

PRINCIPAL

Godavari Institute of Engineering & Tech.(A)
NH-16,Chaitanya Knowledge City
RAJAHMUNDY-533 296



PRINCIPAL

Godavari Institute of Engineering &
Technology (Autonomous)
NH-16, Chaitanya Knowledge City,
RAJAHMUNDY-533 296