



Godavari Institute of Engineering & Technology

Approved by AICTE, Permanently Affiliated to JNTUK, Kakinada

Chaitanya Knowledge City, NH-16, Rajamahendravaram
Andhra Pradesh, INDIA, PIN: 533296 | www.giet.ac.in

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



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

Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
B.Tech.(CIVIL ENGINEERING)	Skill Oriented Course-I	201HB481	2020-2021	GRBT-20
	English For Career	201HB481	2020-2021	GRBT-20
	Quantitative Aptitude and Reasoning	201CE691	2020-2021	GRBT-20
	Universal Human Values -2: "Understanding Harmony"	201HB781	2020-2021	GRBT-20
	Prerequisites for Consultancy and Authorized Valuation	201CE790	2020-2021	GRBT-20
	Fundamentals of Computer Programming Laboratory	201CS213A	2020-2021	GRBT-20
	Constitution of India	201CE381	2020-2021	GRBT-20
	Skill Oriented Course-II	201CE391	2020-2021	GRBT-20
	IPR & Patents	201CE313	2020-2021	GRBT-20
B.Tech.(ELECTRICAL & ELECTRONIC ENGINEERING)	Fundamentals of Computer programming	201CS204A	2020-2021	GRBT-20
	Fundamentals of Computer programming Laboratory	201CS213A	2020-2021	GRBT-20
	Fundamentals of Electronic Devices and circuits	201EE302	2020-2021	GRBT-20
	DC Machines and Transformers	201EE304	2020-2021	GRBT-20
	DC Machines and Transformers	201EE304	2020-2021	GRBT-20
	Fundamentals of Electronic Devices and circuits Laboratory	201EE313	2020-2021	GRBT-20
	Skill oriented course- Design of Electrical Circuits using Engineering Software Tools	201EE381	2020-2021	GRBT-20
	Introduction to Python Programming	201CS401	2020-2021	GRBT-20
	Induction and Synchronous Machines	201EE404	2020-2021	GRBT-20
	Python Programming Lab	201CS411	2020-2021	GRBT-20
	Electrical measurements and machines lab-II	201EE412	2020-2021	GRBT-20
	Skill oriented course -IOT Applications of Electrical Engineering	201EE481	2020-2021	GRBT-20
	Power system dynamics & control (Professional Elective - I)	19120565A	2019-2020	GRBT-19
	Advanced power conversion systems (Professional Elective- I)	19120565D	2019-2020	GRBT-19

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	MEMS (Open Elective – II)	19123562A	2019-2020	GRBT-19
	Information Security (Open Elective – II)	19123562B	2019-2020	GRBT-19
	Hybrid and Electric Vehicles (Open Elective – II)	19123562E	2019-2020	GRBT-19
	Disaster Management in Mining (Open Elective – II)	19123562F	2019-2020	GRBT-19
	Solar energy systems (Professional Elective - II)	19120665D	2019-2020	GRBT-19
	Human Computer Interaction (Open Elective - III)	19125662A	2019-2020	GRBT-19
	Data Communication (Open Elective - III)	19125662B	2019-2020	GRBT-19
	Modern Vehicle Technology(Open Elective - III)	19125662D	2019-2020	GRBT-19
	Remote Sensing & GIS in Mining (Open Elective - III)	19125662E	2019-2020	GRBT-19
	Switching mode power converters(Elective -II)	17120765B	2017-2018	GR-17
	Comprehensive viva-voce	17221361	2017-2018	GR-17
B.Tech.(MECHANICAL ENGINEERING)	Computer Aided Design and Modelling Lab	201ME313	2020-2021	GRBT-20
	Programming with Python	201CS381	2020-2021	GRBT-20
	Numerical Modelling for Mechanical Engineers	201ME411	2020-2021	GRBT-20
	English for Career	201HB481	2020-2021	GRBT-20
	Modelling and Simulation of Mechanical Systems	201ME581	2020-2021	GRBT-20
	Computer Aided Manufacturing Lab	201ME613	2020-2021	GRBT-20
	Finite Element Analysis	201ME681	2020-2021	GRBT-20
	Quantitative Aptitude and Reasoning	201HB691	2020-2021	GRBT-20
	UHV 2 –Understanding Harmony	201HB781	2020-2021	GRBT-20
	Computational Fluid Dynamics Lab	201ME781	2020-2021	GRBT-20
	Microprocessors and its Interfacing	201EC565A	2020-2021	GRBT-20
	Concepts of Power System Engineering	201EE665A	2020-2021	GRBT-20
	IOT and its Applications	201EC665A	2020-2021	GRBT-20
	Fundamentals of Databases	201CS665A	2020-2021	GRBT-20
	Hybrid and Electric Vehicles	201AM665A	2020-2021	GRBT-20
Open Pit Slope Analysis and Design	201MM665A	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Basic Concepts in Petroleum Drilling Engineering	201PT665	2020-2021	GRBT-20
	Building Technology	201CE764A	2020-2021	GRBT-20
	Fundamentals of smart grid technologies	201EE764A	2020-2021	GRBT-20
	Embedded Systems	201EC764A	2020-2021	GRBT-20
	Information Security	201CS764A	2020-2021	GRBT-20
	Introduction to Petroleum Production Engineering	201PT7614	2020-2021	GRBT-20
	Entrepreneurship for Engineers	201MB764A	2020-2021	GRBT-20
	Safety Engineering	201CE765A	2020-2021	GRBT-20
	Basics of Electrical Measurements and Instrumentation	201EE765A	2020-2021	GRBT-20
	Alternative Energy Resources for Automotives	201AM765A	2020-2021	GRBT-20
	Basic Concepts in Reservoir Engineering	201PT7613	2020-2021	GRBT-20
	Problem Solving & Programming In C	19199204	2019-2020	GRBT-19
	Problem Solving & Programming In C Lab	19199213	2019-2020	GRBT-19
	Design Thinking & Innovation	19198307	2019-2020	GRBT-19
	Numerical Methods And Probability & Statistics	19198401	2019-2020	GRBT-19
	Computer Aided Machine Drawing	19130411	2019-2020	GRBT-19
	Community Service Oriented Project	19130418	2019-2020	GRBT-19
	Constitution Of India	19193682	2019-2020	GRBT-19
	Industrial Engineering & Management	19130604	2019-2020	GRBT-19
	Utilization Of Electrical Energy	19130462-B	2019-2020	GRBT-19
	Operating Systems	19130462-D	2019-2020	GRBT-19
	Elements Of Mining Technology	19130462-E	2019-2020	GRBT-19
	Solid Waste Management	19130561-A	2019-2020	GRBT-19
	Digital Image Processing	19130561-C	2019-2020	GRBT-19
	Information Security	19130561-D	2019-2020	GRBT-19
	Disaster Management In Mining	19130561-E	2019-2020	GRBT-19
	Entrepreneurship Qualities For Engineers	19130601-B	2019-2020	GRBT-19

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Financial Management For Engineers	19130601-D	2019-2020	GRBT-19
	Operations Management	19130601-E	2019-2020	GRBT-19
	Digital Marketing	19130601-F	2019-2020	GRBT-19
	Total Quality Management	19130601-G	2019-2020	GRBT-19
	Organizational Behaviour	19130601-H	2019-2020	GRBT-19
	Global Environment Problems And Policies	19130762-A	2019-2020	GRBT-19
	Data Communication	19130762-C	2019-2020	GRBT-19
	Human Computer Interaction	19130762-D	2019-2020	GRBT-19
	Remote Sensing & GIS In Mining	19130762-E	2019-2020	GRBT-19
	Modern Vehicle Technology	19130762-F	2019-2020	GRBT-19
	Fuel Combustion And Emission Control	19130505-A	2019-2020	GRBT-19
	Tribology	19130505-B	2019-2020	GRBT-19
	Industrial Robotics	19130505-C	2019-2020	GRBT-19
	Advanced Materials	19130505-D	2019-2020	GRBT-19
	Mechatronics	19130667-B	2019-2020	GRBT-19
	Advanced Foundry And Welding Technology	19130667-C	2019-2020	GRBT-19
	Mechanical Vibrations	19193701-B	2019-2020	GRBT-19
	Advanced Manufacture Process	19193701-D	2019-2020	GRBT-19
	Micro Electro Mechanical System	19130765-B	2019-2020	GRBT-19
	Nano Technology	19130862-B	2019-2020	GRBT-19
	Miniproject-2	17130722	2017-2018	GR-17
	Building Technology	17130604-A	2017-2018	GR-17
	Hybrid Vehicles	17130604-B	2017-2018	GR-17
	Principles Of Management	17130604-C	2017-2018	GR-17
	Internet Of Things	17130604-D	2017-2018	GR-17
	Social Networking	17130604-E	2017-2018	GR-17
	Environmental Pollution Control	17130604-F	2017-2018	GR-17

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Experimental Stress Analysis	17130606-B	2017-2018	GR-17
	Metal Forming Theory and Practice	17130766-A	2017-2018	GR-17
	Condition Monitoring	17130801-B	2017-2018	GR-17
	Management Information Systems	17130801-E	2017-2018	GR-17
	Digital Manufacturing	17130802-A	2017-2018	GR-17
	Design For Manufacturing	17130802-B	2017-2018	GR-17
	Pressure Vessels and Piping	17130802-C	2017-2018	GR-17
	Product Life Cycle Management	17130802-D	2017-2018	GR-17
	Renewable Energy Sources	17130802-E	2017-2018	GR-17
	Simulation Of Manufacturing Lab	20231211	2020-2021	GRMT-20
	Material Characterization Lab	20231212	2020-2021	GRMT-20
	MOOCs-1 (NPTEL/SWAYAM)	20231361C	2020-2021	GRMT-20
	MOOCs-2 (NPTEL/SWAYAM)	20231361E	2020-2021	GRMT-20
B.Tech.(ELECTRICAL & COMMUNICATION ENGINEERING)	Applied Physics	201HB103A	2020-2021	GRBT-20
	Introduction to Electronics Engineering	201EC105	2020-2021	GRBT-20
	Environmental science	201HB196	2020-2021	GRBT-20
	Applied Physics Laboratory	201HB111A	2020-2021	GRBT-20
	Electronic Engineering Workshop	201ME113A	2020-2021	GRBT-20
	Engineering Graphics	201ME203	2020-2021	GRBT-20
	Mathematics-III	201HB301	2020-2021	GRBT-20
	Programming with Java Lab	201CS311	2020-2021	GRBT-20
	English for career	201HB381	2020-2021	GRBT-20
	Switching Theory and Logic Design Lab	201EC413	2020-2021	GRBT-20
	MEMS	19143562	2019-2020	GRBT-19
	Information Security	19143562	2019-2020	GRBT-19
	Energy Management	19143562	2019-2020	GRBT-19
Solid Waste Management	19143562	2019-2020	GRBT-19	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Hybrid and Electrical Vehicles	19143562	2019-2020	GRBT-19
	Disasters Management in Mining	19143562	2019-2020	GRBT-19
	Linear & Digital IC Applications	19140503	2019-2020	GRBT-19
	Information Theory and Coding	19140566C	2019-2020	GRBT-19
	Constitution of India	19149507	2019-2020	GRBT-19
	Nano Technology	19143661	2019-2020	GRBT-19
	Human Computer Interaction	19145661	2019-2020	GRBT-19
	Global Environment: Problems & Policies	19141661	2019-2020	GRBT-19
	Modern Vehicle Technology	19141661	2019-2020	GRBT-19
	Remote Sensing & GIS in Mining	19141661	2019-2020	GRBT-19
	Intellectual Property Rights and Patents	17149707	2017-2018	GR-17
	Mini Project-II	17140749	2017-2018	GR-17
	Mixed Signal Design	17140802B	2017-2018	GR-17
	Real time Operating Systems	17140802D	2017-2018	GR-17
	Hardware software co-design	17242104	2017-2018	GR-17
	DesignForTestability	17242204	2017-2018	GR-17
	RTL Simulation and Synthesis with PLDs	20242101	2020-2021	GRMT-20
	Microcontrollers Programmable Digital Signal Processors	20242102	2020-2021	GRMT-20
	CAD of Design System	20242164C	2020-2021	GRMT-20
	Programming Languages for Embedded Systems	20242165A	2020-2021	GRMT-20
	Advanced Computer Architecture	20242165B	2020-2021	GRMT-20
	Research Methodology	20242103	2020-2021	GRMT-20
	RTL Simulation and Synthesis with PLDs Lab	20242111	2020-2021	GRMT-20
	Microcontrollers Programmable Digital Signal Processors Lab	20242112	2020-2021	GRMT-20
	System Design with Embedded Linux	20242263A	2020-2021	GRMT-20
	Communication Buses and Interfaces	20242263B	2020-2021	GRMT-20
	Real Time Operating Systems Lab	20242212	2020-2021	GRMT-20

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Mini Project with Seminar	20242221	2020-2021	GRMT-20
	IOT and its Applications	20242361A	2020-2021	GRMT-20
	Artificial Intelligence	2042361B	2020-2021	GRMT-20
	Composite Materials Cost Management of Engineering Projects	20242362A	2020-2021	GRMT-20
	Energy Management	20242362B	2020-2021	GRMT-20
	Operations Research	20242362C	2020-2021	GRMT-20
	Dissertation/Industrial Project	20242341	2020-2021	GRMT-20
	Dissertation -2	20242341	2020-2021	GRMT-20
B.Tech.(COMPUTER SCIENCE & ENGINEERING)	Fundamentals of Digital Electronics	201CS105	2021-2022	GRMT-20
	Computer Engineering Workshop	201ME113C	2021-2022	GRMT-20
	Computer Organization	201CS303	2021-2022	GRMT-20
	Linux and Shell Programming Lab	201CS313	2021-2022	GRMT-20
	Web Application Development Using Full Stack Module -1	201CS381	2021-2022	GRMT-20
	Constitution of India	201CE391	2021-2022	GRMT-20
	Statistics with R Programming	201CS401	2021-2022	GRMT-20
	Operating Systems & Software Engineering Lab	201CS413	2021-2022	GRMT-20
	Web Application Development Using Full Stack Module -2	201CS481	2021-2022	GRMT-20
	Data Mining and Data Warehousing	201CS501	2021-2022	GRMT-20
	Principles of Management	201MB565A	2021-2022	GRMT-20
	Natural Language Processing	201CS564A	2021-2022	GRMT-20
	Data Science	201CS564B	2021-2022	GRMT-20
	Artificial Intelligence	201CS564C	2021-2022	GRMT-20
	Object Oriented Analysis & Design	201CS564D	2021-2022	GRMT-20
	Quantitative Aptitude and Reasoning	201HB591	2021-2022	GRMT-20
	Web Application Development Using Full Stack Module -3	201CS581	2021-2022	GRMT-20
	Data Mining and Data Warehousing Lab	201CS511	2021-2022	GRMT-20
Internetworking Protocol Lab	201CS512	2021-2022	GRMT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Cryptography & Network Security	201CS601	2021-2022	GRMT-20
	Big Data Analytics	201CS602	2021-2022	GRMT-20
	Machine Learning	201CS603	2021-2022	GRMT-20
	Software Testing Methodologies	201CS664A	2021-2022	GRMT-20
	E-Commerce	201CS664B	2021-2022	GRMT-20
	Mean Stack Technologies	201CS664C	2021-2022	GRMT-20
	Advanced Data Structures	201CS664D	2021-2022	GRMT-20
	IPR and Patents	201MB691	2021-2022	GRMT-20
	English for Career	201HB681	2021-2022	GRMT-20
	Big Data Analytics Lab	201CS612	2021-2022	GRMT-20
	Machine Learning using Python Lab	201CS613	2021-2022	GRMT-20
	Distributed Systems	201CS761A	2021-2022	GRMT-20
	Cloud Computing	201CS761B	2021-2022	GRMT-20
	Mobile Computing	201CS761C	2021-2022	GRMT-20
	Ad-hoc and Sensor Networks	201CS761D	2021-2022	GRMT-20
	Software Project Management	201CS762A	2021-2022	GRMT-20
	Software Quality Management	201CS762B	2021-2022	GRMT-20
	Cyber Security & Forensics	201CS762C	2021-2022	GRMT-20
	MOOCS-NPTEL/SWAYAM	201CS762D	2021-2022	GRMT-20
	Deep Learning Techniques	201CS763A	2021-2022	GRMT-20
	Soft Computing	201CS763B	2021-2022	GRMT-20
	Block Chain Technologies and its Applications	201CS763C	2021-2022	GRMT-20
	UHV 2 - Understanding Harmony	201MB7966	2021-2022	GRMT-20
	Deep Learning using Python	201CS707	2021-2022	GRMT-20
	Engineering Physics	19199103	2019-2020	GRBT-19
	Problem Solving & Programming in C	19199104	2019-2020	GRBT-19
	Engineering Graphics	19193175	2019-2020	GRBT-19

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Engineering Physics Laboratory	19199112	2019-2020	GRBT-19
	Probability & Statistics	19199201B	2019-2020	GRBT-19
	Applied Chemistry	19199203	2019-2020	GRBT-19
	Basic Electrical & Electronics Engineering	19199204	2019-2020	GRBT-19
	Python Programming	19199205	2019-2020	GRBT-19
	Basic Electrical & Electronics Engineering Laboratory	19192212	2019-2020	GRBT-19
	Python Programming Laboratory	19195213	2019-2020	GRBT-19
	Engineering Chemistry Laboratory	19199214	2019-2020	GRBT-19
	Discrete Mathematics	19159301	2019-2020	GRBT-19
	Object Oriented Programming Through C++	19159302	2019-2020	GRBT-19
	Digital Logic & Computer Organization	19150303	2019-2020	GRBT-19
	Design Thinking & Product Innovation	19150306	2019-2020	GRBT-19
	Object Oriented Programming Through C++ Laboratory	1915012	2019-2020	GRBT-19
	Data Structures Laboratory	19150313	2019-2020	GRBT-19
	Data Base Management Systems Laboratory	19150314	2019-2020	GRBT-19
	Number Theory & Applications	19150404	2019-2020	GRBT-19
	Financial Management for Engineers	19151466A	2019-2020	GRBT-19
	Entrepreneurship qualities for Engineers	19152466B	2019-2020	GRBT-19
	Managerial Economics & Financial Analysis	19153466C	2019-2020	GRBT-19
	Principles of Management	19154466D	2019-2020	GRBT-19
	Organizational Behaviour	19155466E	2019-2020	GRBT-19
	Digital Marketing	19156466F	2019-2020	GRBT-19
	Operations Management	19157466G	2019-2020	GRBT-19
	Total Quality Management	19159466H	2019-2020	GRBT-19
	Human Resource Management	19159466I	2019-2020	GRBT-19
	Web Technologies	19150502	2019-2020	GRBT-19
	Computer Networks	19150504	2019-2020	GRBT-19

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Advanced JAVA Programming	19150565A	2019-2020	GRBT-19
	Principles of Computer Security	19150565B	2019-2020	GRBT-19
	Mobile Computing	19150565C	2019-2020	GRBT-19
	Environmental Pollution Control	19151566A	2019-2020	GRBT-19
	Utilization of Electrical Energy	19151566B	2019-2020	GRBT-19
	Robotics	19151566C	2019-2020	GRBT-19
	Internet of Things	19151566D	2019-2020	GRBT-19
	Operating Systems	19151566E	2019-2020	GRBT-19
	Elements of Mining Technology	19151566F	2019-2020	GRBT-19
	Basic Automobile Engineering	19151566G	2019-2020	GRBT-19
	Web Technologies Laboratory	19150512	2019-2020	GRBT-19
	Community Service Oriented Project	19150581	2019-2020	GRBT-19
	Mini Project-1/ Study Project/ Internship	19150522	2019-2020	GRBT-19
	Artificial Intelligence	19150602	2019-2020	GRBT-19
	Unified Modelling Language	19150603	2019-2020	GRBT-19
	Software Architecture, Frameworks and Patterns	19150664A	2019-2020	GRBT-19
	Virtual Reality	19150664B	2019-2020	GRBT-19
	Distributed Systems	19150664C	2019-2020	GRBT-19
	Solid Waste Management	19152665A	2019-2020	GRBT-19
	Energy Management	19152665B	2019-2020	GRBT-19
	MEMS	19152665C	2019-2020	GRBT-19
	Digital Image Processing	19152665D	2019-2020	GRBT-19
	Information Security	19152665E	2019-2020	GRBT-19
	Disaster Management in Mining	19152665F	2019-2020	GRBT-19
	Hybrid and Electric Vehicles	19152665G	2019-2020	GRBT-19
	Constitution of India	19151696	2019-2020	GRBT-19
	Soft Skills	19150611	2019-2020	GRBT-19

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	AI Tools & Techniques Laboratory	19150612	2019-2020	GRBT-19
	Unified Modelling Language Laboratory	19150613	2019-2020	GRBT-19
	Machine Learning	19150702	2019-2020	GRBT-19
	NOSQL Databases	19150763A	2019-2020	GRBT-19
	Digital Image Processing	19150763B	2019-2020	GRBT-19
	Cloud Computing	19150763C	2019-2020	GRBT-19
	Big Data Analytics	19150764A	2019-2020	GRBT-19
	Deep Learning	19150764B	2019-2020	GRBT-19
	Parallel Computing	19150764C	2019-2020	GRBT-19
	Global Environment: Problems & Policies	19151765A	2019-2020	GRBT-19
	Renewable Energy Resources	19151765B	2019-2020	GRBT-19
	Nano Technology	19151765C	2019-2020	GRBT-19
	Data Communication	19151765D	2019-2020	GRBT-19
	Human Computer Interaction	19151765E	2019-2020	GRBT-19
	Remote Sensing & GIS in Mining	19151765F	2019-2020	GRBT-19
	Modern Vehicle Technology	19151765G	2019-2020	GRBT-19
	Intellectual Property Rights and Patents	19159796	2019-2020	GRBT-19
	Machine Learning Laboratory	19150712	2019-2020	GRBT-19
	Software Testing Methodologies	19150801	2019-2020	GRBT-19
	Distributed Databases	19150862A	2019-2020	GRBT-19
	Cyber Security	19150862B	2019-2020	GRBT-19
	Engineering Drawing	17193174	2017-2018	GR-17
	Mathematics – II (Mathematical Methods)	17199105	2017-2018	GR-17
	Data Structures	17195203	2017-2018	GR-17
	Mathematics – III	17199205	2017-2018	GR-17
	Data Structures Lab	17195213	2017-2018	GR-17
	Computer Graphics	17150303	2017-2018	GR-17

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Advanced Data Structures	17150304	2017-2018	GR-17
	Python Programming	17150305	2017-2018	GR-17
	Internet Programming	17150306	2017-2018	GR-17
	Advanced Data Structures Lab	17150311	2017-2018	GR-17
	Python Programming Lab	17150312	2017-2018	GR-17
	Internet Programming Lab	17150313	2017-2018	GR-17
	Managerial Economics and Financial Analysis	17159401	2017-2018	GR-17
	Statistics with R Programming	17150402	2017-2018	GR-17
	Operating Systems	17150406	2017-2018	GR-17
	R-Programming Lab	17150411	2017-2018	GR-17
	Operating Systems Lab	17150413	2017-2018	GR-17
	Image Processing	17150501	2017-2018	GR-17
	Software Engineering	17150502	2017-2018	GR-17
	Design and Analysis of Algorithms	17150503	2017-2018	GR-17
	Advanced Java Programming	17150506	2017-2018	GR-17
	Advanced Java Programming Lab	17150511	2017-2018	GR-17
	Data Mining	17150602	2017-2018	GR-17
	Software Testing Methodologies	17150603	2017-2018	GR-17
	OOAD through UML	17150604	2017-2018	GR-17
	Environmental Pollution Control	17151664A	2017-2018	GR-17
	Renewable Energy Resources	17152664B	2017-2018	GR-17
	Robotics	17153664C	2017-2018	GR-17
	IOT	17154664D	2017-2018	GR-17
	Principles of Management	17155664E	2017-2018	GR-17
	Hybrid Vehicles	17157664F	2017-2018	GR-17
	Data Mining Lab	17150611	2017-2018	GR-17
	Unified Modelling Language Lab	17150613	2017-2018	GR-17

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Big Data Analytics	17150703	2017-2018	GR-17
	Machine Learning	17150761A	2017-2018	GR-17
	Distributed Systems	17150761B	2017-2018	GR-17
	Cloud Computing	17150761C	2017-2018	GR-17
	Fuzzy Set Theory	17150761D	2017-2018	GR-17
	E-Commerce	17150761E	2017-2018	GR-17
	Pattern Recognition	17150762A	2017-2018	GR-17
	Parallel Processing	17150762B	2017-2018	GR-17
	Soft Computing	17150762C	2017-2018	GR-17
	Real Time Systems	17150762D	2017-2018	GR-17
	Advanced Operating System	17150762E	2017-2018	GR-17
	APP Development Lab	17150712	2017-2018	GR-17
	Big Data Analytics Lab	17150713	2017-2018	GR-17
	Mini Project-II	17150721	2017-2018	GR-17
	Artificial Intelligence	17150863A	2017-2018	GR-17
	Social Network Analysis	17150863B	2017-2018	GR-17
	Virtual Reality	17150863C	2017-2018	GR-17
	Neural Networks	17150863D	2017-2018	GR-17
	Blockchain Technology	17150863E	2017-2018	GR-17
Seminar	17150831	2017-2018	GR-17	
B.Tech.(AUTOMOBILE ENGINEERING)	English for Career	201HB381	2020-21	GRBT-20
	Programming with Python	201CS481A	2020-21	GRBT-20
	Electric Vehicle Design &Assembling	201AM581	2020-21	GRBT-20
	CFD for Automobile Applications	201AM664A	2020-21	GRBT-20
	Quantitative Aptitude and Reasoning	201HB691	2020-21	GRBT-20
	Additive Manufacturing	201AM781	2020-21	GRBT-20
	Automobile HVAC	201AM761B	2020-21	GRBT-20

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Chaitanya Knowledge City, Rajamahendravaram, Andhra Pradesh, India

Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Vehicle Infotronics	201AM761D	2020-21	GRBT-20
	Automobile Certification and Homologation	201AM762A	2020-21	GRBT-20
	Smart, Autonomous and Connected Vehicles	201AM763D	2020-21	GRBT-20
	Design Thinking & Product Innovation	19170386	2019-20	GRBT-19
	Community service oriented project	19170421	2019-20	GRBT-19
	Operating Systems	19170466B	2019-20	GRBT-19
	Utilization of Electrical Energy	19170466C	2019-20	GRBT-19
	Elements of Mining Technology	19170466G	2019-20	GRBT-19
	Information Security	19170565B	2019-20	GRBT-19
	Digital Image Processing	19170565D	2019-20	GRBT-19
	Solid Waste Management	19170565E	2019-20	GRBT-19
	Disaster Management in Mining	19170565G	2019-20	GRBT-19
	Human Computer Interaction	19170666B	2019-20	GRBT-19
	Global Environment Problems & Policies	19170666E	2019-20	GRBT-19
	Remote Sensing & GIS In Mining	19170666G	2019-20	GRBT-19
	Constitution of India	19170687	2019-20	GRBT-19
	Accident Analysis	19170621	2019-20	GRBT-19
	Financial Management for Engineers	19179766D	2019-20	GRBT-19
	Operations Management	19179766E	2019-20	GRBT-19
	Digital Marketing	19179766F	2019-20	GRBT-19
	Total Quality Management	19179766G	2019-20	GRBT-19
	Organizational Behaviour	19179766H	2019-20	GRBT-19
	Human Resource Management	19179766I	2019-20	GRBT-19
	Intellectual Property Rights and Patents	19170787	2019-20	GRBT-19
	Automobile Chassis Components Lab	17170311	2017-18	GR-17
	Engine Components & Testing Lab	17170411	2017-18	GR-17
	Automation in Automotive Manufacturing	17170606	2017-18	GR-17

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Two & Three wheelers	17170665A	2017-18	GR-17
	Automotive chassis Components Design	17170665B	2017-18	GR-17
	Unconventional Machining Process	17170665C	2017-18	GR-17
	Disaster Management	17170665D	2017-18	GR-17
	Non Destructive Testing	17170665E	2017-18	GR-17
	Special Purpose Vehicles	17170761A	2017-18	GR-17
	Modern Vehicle Design	17170761B	2017-18	GR-17
	Product Design & Assembly Automation	17170761C	2017-18	GR-17
	Off Road Vehicles	17170864A	2017-18	GR-17
	Rapid Prototyping	17170864C	2017-18	GR-17
	Nano Technology	17170864E	2017-18	GR-17
B.Tech.(MINING ENGINEERING)	Probability & Statistics	201HB301A	2020-2021	GRBT-20
	Mine Development	201MM302	2020-2021	GRBT-20
	Mine Surveying	201MM303	2020-2021	GRBT-20
	Mining Geology	201MM304	2020-2021	GRBT-20
	Mining Machinery	201MM305	2020-2021	GRBT-20
	Mine Surveying Lab	201MM311	2020-2021	GRBT-20
	Mining Geology Lab	201MM312	2020-2021	GRBT-20
	Mining Machinery Lab	201MM313	2020-2021	GRBT-20
	Programming with Python	201CS381	2020-2021	GRBT-20
	Constitution of India	201CE391	2020-2021	GRBT-20
	Mineral Processing	201MM401	2020-2021	GRBT-20
	Advanced Mine Surveying	201MM402	2020-2021	GRBT-20
	Surface Mining	201MM403	2020-2021	GRBT-20
	Underground Coal Mining	201MM404	2020-2021	GRBT-20
	Mine System Engineering	201MM405	2020-2021	GRBT-20
Mineral Processing Lab	201MM411	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Advanced Mine Surveying Lab	201MM412	2020-2021	GRBT-20
	Engineering Geology Lab	201MM413	2020-2021	GRBT-20
	CAD for Mining	201MM481	2020-2021	GRBT-20
	Mine Systems Engineering	19160501	2019-2020	GRBT-19
	Underground Metal Mining	19160502	2019-2020	GRBT-19
	Mine Ventilation	19160503	2019-2020	GRBT-19
	Mine Planning & Design	19160504	2019-2020	GRBT-19
	Mine Transportation	19160565A	2019-2020	GRBT-19
	Solid Waste Management	19161566A	2019-2020	GRBT-19
	Constitution of India	19160587	2019-2020	GRBT-19
	Mine Ventilation Laboratory	19160511	2019-2020	GRBT-19
	Mine Planning & Design Laboratory	19160512	2019-2020	GRBT-19
	Mini Project-1/Study Project/Internship	19160521	2019-2020	GRBT-19
	Rock Mechanics	19160601	2019-2020	GRBT-19
	Mineral Processing	19160602	2019-2020	GRBT-19
	Mineral Economics	19160603	2019-2020	GRBT-19
	Mine Strata Control	19160664C	2019-2020	GRBT-19
	Human Computer Interaction	19165665A	2019-2020	GRBT-19
	Community Service Oriented Project	19160621	2019-2020	GRBT-19
	Soft Skills	19169686	2019-2020	GRBT-19
	Rock Mechanics Laboratory	19160611	2019-2020	GRBT-19
	Mineral Processing Laboratory	19160612	2019-2020	GRBT-19
	Mine Legislation	17160701	2017-2018	GR-17
	Mine Hazard & Rescue	17160702	2017-2018	GR-17
	Advanced Mining Machinery	17160703	2017-2018	GR-17
	Mineral Economics	17160704	2017-2018	GR-17
	IPR & Patents	17169707	2017-2018	GR-17

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Environmental Impact Assessment in Mines	17160765A	2017-2018	GR-17
	Rock Fragmentation Engineering	17160766B	2017-2018	GR-17
	Mining Machinery Lab	17160711	2017-2018	GR-17
	Mine Hazard & Rescue Lab	17160712	2017-2018	GR-17
	Mini Project	17160721	2017-2018	GR-17
	Environmental Pollution & Control in Mines	17160801	2017-2018	GR-17
	Computer Application in Mining	17160802	2017-2018	GR-17
	Planning of Surface Mines	17160861A	2017-2018	GR-17
B.Tech.(PETROLEIUM ENGINEERING)	Communicative English	201HB102	2020-2021	GRBT-20
	Engineering Chemistry	201HB103B	2020-2021	GRBT-20
	Basic Electrical & Electronics Engineering	201EE104	2020-2021	GRBT-20
	Engineering Graphics	201ME105	2020-2021	GRBT-20
	Engineering Chemistry Laboratory	201HB111B	2020-2021	GRBT-20
	Basic Electrical & Electronics Engineering Laboratory	201EE112	2020-2021	GRBT-20
	Basic Engineering Workshop	201ME113D	2020-2021	GRBT-20
	Mathematics-II	201HB201	2020-2021	GRBT-20
	Engineering Physics	201HB202B	2020-2021	GRBT-20
	Engineering Mechanics	201ME203A	2020-2021	GRBT-20
	Fundamentals of Computer Programming	201HB204A	2020-2021	GRBT-20
	Materials Science and Metallurgy	201ME205	2020-2021	GRBT-20
	Fundamentals of Computer Programming Laboratory	201CS213A	2020-2021	GRBT-20
	Engineering Physics Laboratory	201HB211B	2020-2021	GRBT-20
	Communicative English Laboratory	201HB212	2020-2021	GRBT-20
	Environmental Science	201HB296	2020-2021	GRBT-20
	Mathematics-III	201HB301	2020-2021	GRBT-20
Managerial Economics and Financial Analysis	201HB305	2020-2021	GRBT-20	
Fluid Mechanics for Petroleum Engineers	201HB202	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Petroleum Geology	201HB303	2020-2021	GRBT-20
	Process Calculation	201HB304	2020-2021	GRBT-20
	Computational Methods Laboratory	201PT311	2020-2021	GRBT-20
	Fluid Mechanics Laboratory	201PT312	2020-2021	GRBT-20
	Petroleum Geology Laboratory	201PT313	2020-2021	GRBT-20
	Programming with Python	201CS381	2020-2021	GRBT-20
	Constitution of India	201CS391	2020-2021	GRBT-20
	Elements of Mechanical Engineering	201PT401	2020-2021	GRBT-20
	Instrumentation, Process Dynamics & Controls	201PT402	2020-2021	GRBT-20
	Petroleum Exploration	201PT403	2020-2021	GRBT-20
	Process Heat Transfer	201PT404	2020-2021	GRBT-20
	Process Thermodynamics	201PT405	2020-2021	GRBT-20
	Instrumentation, Process Dynamics & Controls Laboratory	201PT411	2020-2021	GRBT-20
	Petroleum Analysis Laboratory	201PT412	2020-2021	GRBT-20
	Process Heat Transfer Laboratory	201PT413	2020-2021	GRBT-20
Engineering Exploration Project	201PT414	2020-2021	GRBT-20	
B.Tech.(Artificial Intelligence and Machine Learning)	Computer Engineering Workshop	201ME113c	2020-2021	GRBT-20
	Python Programming	201CS205	2020-2021	GRBT-20
	Design and Analysis of Algorithms	201CS302	2020-2021	GRBT-20
	Managerial Economics and Financial Analysis	201HB305	2020-2021	GRBT-20
	Linux and Shell Programming Lab	201CS313	2020-2021	GRBT-20
	Web Application Development Using Full Stack Module -1	201CS381	2020-2021	GRBT-20
	Constitution of India	201CE391	2020-2021	GRBT-20
	Introduction to Artificial Intelligence and Machine Learning	201AI404	2020-2021	GRBT-20
	Introduction to Artificial Intelligence and Machine Learning Lab	201AI412	2020-2021	GRBT-20
	Web Application Development Using Full Stack Module -2	201CS481	2020-2021	GRBT-20
	Quantitative Aptitude and Reasoning	201HB591	2020-2021	GRBT-20

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Web Application Development Using Full Stack Module -3	201CS581	2020-2021	GRBT-20
	Advanced Data Structures	201AI601	2020-2021	GRBT-20
	Advanced Data Structures Lab	201AI611	2020-2021	GRBT-20
	Machine Learning	201CS603	2020-2021	GRBT-20
	Machine Learning using Python Lab	201CS613	2020-2021	GRBT-20
	Deep Learning using Python	201CS781	2020-2021	GRBT-20
	IPR and Patents	201MB691	2020-2021	GRBT-20
	English for Career	201HB681	2020-2021	GRBT-20
	UHV 2: Understanding Harmony	201HB796	2020-2021	GRBT-20
B.Tech.(Cyber Security)	Computer Engineering Workshop	201ME113c	2020-2021	GRBT-20
	Python Programming	201CS205	2020-2021	GRBT-20
	Mathematical Foundations of Cyber Security	201CY301	2020-2021	GRBT-20
	Design and Analysis of Algorithms	201CS302	2020-2021	GRBT-20
	Managerial Economics and Financial Analysis	201HB305	2020-2021	GRBT-20
	Linux and Shell Programming Lab	201CS313	2020-2021	GRBT-20
	Web Application Development Using Full Stack Module -1	201CS381	2020-2021	GRBT-20
	Constitution of India	201CE391	2020-2021	GRBT-20
	Operating Systems & Software Engineering Lab	201CS413	2020-2021	GRBT-20
	Web Application Development Using Full Stack Module -2	201CS481	2020-2021	GRBT-20
	Principles of Cyber Security	201CY501	2020-2021	GRBT-20
	Quantitative Aptitude and Reasoning	201HB591	2020-2021	GRBT-20
	Cyber Security Lab	201CY511	2020-2021	GRBT-20
	Web Application Development Using Full Stack Module -3	201CS581	2020-2021	GRBT-20
	Cryptography & Network Security	201CS601	2020-2021	GRBT-20
	Ethical Hacking	201CY602	2020-2021	GRBT-20
	Artificial Intelligence	201CY603	2020-2021	GRBT-20
Cryptography & Network Security Lab	201CS611	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Ethical Hacking Lab	201CY612	2020-2021	GRBT-20
	AI Tools and Techniques Lab	201CY613	2020-2021	GRBT-20
	IPR and Patents	201MB691	2020-2021	GRBT-20
	English for Career	201HB681	2020-2021	GRBT-20
	UHV 2: Understanding Harmony	201HB796	2020-2021	GRBT-20
	Multimedia Application Development	201CY781	2020-2021	GRBT-20
MASTER OF COMPUTER APPLICATIONS	Data Warehousing and Data Mining	17300501	2017-2018	GR-17
	OOAD through UML	17300502	2017-2018	GR-17
	Computer Graphics and Multimedia Systems	17300503	2017-2018	GR-17
	Software Project Management	17300562A	2017-2018	GR-17
	Data Science	17300562B	2017-2018	GR-17
	Mobile Application Development	17300562C	2017-2018	GR-17
	Software Testing Methodologies	17300563A	2017-2018	GR-17
	Artificial Intelligence	17300563B	2017-2018	GR-17
	E-Commerce	17300563C	2017-2018	GR-17
	Data Warehousing and Data Mining Lab	17300511	2017-2018	GR-17
	OOAD through UML Lab	17300512	2017-2018	GR-17
	Computer Graphics and Multimedia Systems Lab	17300513	2017-2018	GR-17
	Big Data Analytics	17300601	2017-2018	GR-17
	Big Data Analytics Lab	17300611	2017-2018	GR-17
	Seminar	17300681	2017-2018	GR-17
	Dissertation / VivaVoice	17300641	2017-2018	GR-17
	Full Stack Web Development	20300301	2020-2021	GRBT-20
	Data Science	20300302	2020-2021	GRBT-20
	Internet of Things	20300303	2020-2021	GRBT-20
	Cyber Security and Forensics	20300364A	2020-2021	GRBT-20
Software Testing and Quality Management	20300364B	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Design Patterns	20300364C	2020-2021	GRBT-20
	Simulation Modelling	20300364D	2020-2021	GRBT-20
	Professional Ethics	20309305	2020-2021	GRBT-20
	Full Stack Web Development Lab	20300311	2020-2021	GRBT-20
	Data Science with R Programming Lab	20300312	2020-2021	GRBT-20
	Internet of Things Lab	20300313	2020-2021	GRBT-20
	Mini Project	20300321	2020-2021	GRBT-20
	Digital Image Processing	20300461A	2020-2021	GRBT-20
	Machine Learning	20300461B	2020-2021	GRBT-20
	Big Data Analytics	20300461C	2020-2021	GRBT-20
	MOOCS - 1 (NPTEL/SWAYAM)	20300461D	2020-2021	GRBT-20
	Seminar	20300431	2020-2021	GRBT-20
Project Work/Dissertation	20300441	2020-2021	GRBT-20	
MASTER OF BUSINESS ADMINISTRATION	Hospitality Management	20400361E	2020-2021	GRBT-20
	Tourism Policy and Planning	20400362E	2020-2021	GRBT-20
	Travel Media and Journalism	20400461E	2020-2021	GRBT-20
	Eco Tourism Practices	20400462E	2020-2021	GRBT-20
	Social Entrepreneurship	20400361F	2020-2021	GRBT-20
	Planning, Structuring, and Financing Small Business	20400362F	2020-2021	GRBT-20
	Finance and Accounting for Small Business	20400461F	2020-2021	GRBT-20
	Venture Valuation and Accounting	20400462F	2020-2021	GRBT-20
	Text, Social Media & Web Analytics	20400361G	2020-2021	GRBT-20
	Big Data Analytics	20400362G	2020-2021	GRBT-20
	Financial Analytics	20400461G	2020-2021	GRBT-20
	Econometrics and Business Forecasting	20400462G	2020-2021	GRBT-20
Human Resource Metrics and Analytics	20400362G	2020-2021	GRBT-20	
Digital and Social Media Marketing	20400361A	2020-2021	GRBT-20	

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Name of the programme	Name of the Course	Course Code	Year of introduction (during the last five years)	Regulation
	Information Technology – Lab1(Spreadsheet and Tally)	20400111	2020-2021	GRBT-20
	Business Communication and Soft Skills Lab	20400122	2020-2021	GRBT-20
	IT-lab 2(Programming R)	20400211	2020-2021	GRBT-20
	Managerial skill & development	20400491	2020-2021	GRBT-20

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* RAJAMAHENDRAVARAM-533 296