

Vice Principal (Academics) Dr.N.Leelavathi <viceprincipalacad@giel.ac.in>

Release of circular regarding Minors/ Majors for II B.Tech -II Sem

Vice Principal (Academics) Dr.N.Leelavathi <viceprincipalacad@giel.ac.in>

Tue, Feb 28, 2023 at 1:37

PM

To: "Dept. of Civil, GIET" <hod.civil@giel.ac.in>, ECE GIET <hod.ece@giel.ac.in>, "Dept. of Automobile Engg., GIET" <hod.ame@giel.ac.in>, "Dept. of MBA, GIET" <hod.mba@giel.ac.in>, "Dept. of HBS, GIET" <hod.hbs@giel.ac.in>, "Dept. of EEE, GIET" <hod.eee@giel.ac.in>, "Dean (Department of Freshman Engineering) GIET (A)" <dean.fed@giel.ac.in>, "HOD CSE , GIET" <hod.cse@giel.ac.in>, "Dept. of Mining, GIET" <hod.mining@giel.ac.in>, "Dept. of MCA, GIET" <hod.mca@giel.ac.in>, "Learning and Development GIET (A)" <learninganddevelopment@giel.ac.in>, GIET College o Engineering Petroleum <pet.hod@giel.ac.in>, "Dept. of Mechanical Engineering, GIET" <hod.mech@giel.ac.in>, "Dept. of CSE(AIML&CS),, GIET" <hod.aiml@giel.ac.in>
Cc: Principal GIET <principal@giel.ac.in>, "CONTROLLER OF EXAMINATIONS GIET (A)" <coe@giel.ac.in>

Dear Sir,

As per the regulations of GRBT20, as given below-

*"A student shall be permitted to register for Honors program at the beginning of **4th semester** provided that the student must have acquired a **minimum of 8.0 SGPA** up to the end of 2nd semester without any backlogs. In case of the declaration of the 3rd semester results after the commencement of the 4th semester and if a student fails to score the required minimum of 8 SGPA, his/her registration for Honors Programme stands cancelled and he/she shall continue with the regular Programme."*

I request HoDs to send a circular and take the registrations for Minor and Honour Degree. Provided the conditions are fulfilled, plan to run a Minor / honor degree program in the department.

I also request you to maintain all the records of registrations of previous batches and its corresponding circulars in a file. Also, note these points mentioned in the minutes of the departmental meeting.

With Regards,

Dr. N.LEELAVATHY

B.E., M.Tech., Ph.D., F.I.E., MCSI, CEng

Vice Principal (Academics) & Professor of CSE

Godavari Institute of Engineering & Technology

Rajahmundry.

M: 9490290622 / 8125367778

"Empowering a woman empowers next generations"

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
NH-16, Chaitanya Knowledge City, Rajamahendravaram - 533296, A.P

Petroleum Engineering Department

MINORS COURSES

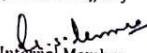
S No.	Semester	Course Codes	Courses	L	T	P	C
1.	IV	201PT406	Fundamentals of Petroleum Geology	4	0	0	4
2.	IV	201PT407	Basic Concepts in Well Engineering	4	0	0	4
3.	V	201PT504	Basic Concepts in Well Logging and Formation Evaluation	4	0	0	4
4.	V	201PT505	Basic Concepts in Well Completions	4	0	0	4
5.	VI	201PT604	Principles of Petroleum Reservoir Engineering	4	0	0	4
6.	VI	201PT605	Principles of Petroleum Production Engineering	4	0	0	4
7.	VII	201PT701	Immiscible Flooding	4	0	0	4
8.	VII	201PT702	Offshore Structures	4	0	0	4


 University Nominee
 (Prof. K.V.Rao)


 Internal Member
 (Dr. N V R Nagalakshmi)


 Internal Member
 (Dr. A Venkata Ramana)


 Subject Expert
 (Dr. Ravi Gujula)


 Internal Member
 (Dr. K Siva Kumar)

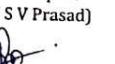

 Invitee Member
 (Dr. M V Sekhar Babu)


 Subject Expert
 (Dr. C V Subramanyam)


 Internal Member
 (Mr. Nagurvali S.K)


 Chairman, BOS
 (Mr Ahammad Sharif)


 Industrial Expert
 (Mr. M V S V Prasad)


 Internal Member
 (MsK.Balabramini)

Subjects for Honors Degree (The student need to complete any 4 subjects, 1 subject from each pool & 2 related MOOCs courses during his course study and fulfill the requirements as per the regulations GRBT20)

Pool 1	Pool 2	Pool 3	Pool 4
Two & Three wheeler Technology	Special Purpose Vehicles	Automotive Electronics for Electric Vehicles	Automotive Embedded Systems
Modern Vehicle Design	Computer Aided Vehicle Design	Automotive Aerodynamics	Race Car Design
Engine Design & Development	Industrial Automation & Robotics	Advanced Materials for Automobiles	Production of Automobile Components

Subjects offered for other branch students to acquire Minor Degree (The student need to complete any 4 subjects & 2 related MOOCs courses during his course study and fulfill the requirements as per the regulations GRBT20)

1. Basic Automobile Engineering
2. Fundamentals of Electric Vehicles
3. Automobile Electrical & Autotronics
4. Electric and Hybrid Vehicles Architecture
5. Modern Vehicle Technology
6. Electric Vehicle Design
7. Modern Vehicle Design
8. Autonomous Vehicles



Dr. D. Lingaraju
(JNTU Kakinada)



Dr. P. Senthil Kumar
(Madras Institute of Tech)



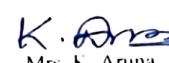
Mr. B. Acharya



Dr. V. Subrahmanyam



Dr. S.V.S.N. Murthy



Mrs. K. Aruna
(Vice Principal, Admin)



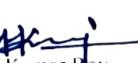
Sri Raja Sekhar
(Assoc. Professor)



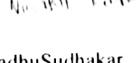
Sri T.V. Dharmaraju
(Asst. Professor)



Sri M.V. Raghavendra Rao
(Asst. Professor)



Manoj Kumar Roy
(Asst. Professor)



D. Madhu Sudhakar
(Alumnus, KIA Motors)



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY GRBT-19

(AUTONOMOUS)

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC, Permanently Affiliated to JNTUK, Kakinada

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

4 Years B.Tech. (Electronics and Communication Engineering) Course Structure: (2019-20)

Honors Courses

Note : 1. The subjects opted for Honors should be Advanced type which are not covered in regular curriculum

2. Students has to acquire 16 credits with minimum one subject from each pool.
3. Compulsory MOOC/NPTEL Courses for 04 credits (02 courses@ 2 credits each)

Pool 1

Code No.	Subject Name	Code No.	Subject Name
ECHP11	Digital System Design	ECHP12	Sensors & Actuators
ECHP13	Arm Processors & its applications	ECHP14	IOT & its applications

Pool 2

Code No.	Subject Name	Code No.	Subject Name
ECHP21	VLSI Signal Processing	ECHP22	Memory Architecture
ECHP23	Scripting Languages for VLSI	ECHP24	Microelectronic Devices Technology & circuits

Pool 3

Code No.	Subject Name	Code No.	Subject Name
ECHP31	Advanced Digital Signal Processing	ECHP32	Digital Video & Image Processing
ECHP33	Medical Image Processing	ECHP34	Pattern Recognition & Machine Learning

Pool 4

Code No.	Subject Name	Code No.	Subject Name
ECHP41	Speech Processing	ECHP42	RF & Mixed Signals
ECHP43	Non-Linear Optical Communication	ECHP44	Fiber Optics & Satellite Communication

Dr. M. Sailaja

(University Nominee)

Dr. P. Rajesh Kumar

(Subject Expert)

Mr. S. Surya Shankar

(Industrial Expert)

Dr. B. Srinivasa Raja

(Chairman, BOS)

Dr. S. V. R. K. Rao

(Member, BOS)

Dr. A. V. Pratap Kumar

(Member, BOS)

Mr. Biswaranjan Barik

(Member, BOS)

Mrs. K. Jyothi

(Member, BOS)

Mr. G. V. Vinod

(Member, BOS)



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY GRBT-19

(AUTONOMOUS)

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC, Permanently Affiliated to JNTUK, Kakimada.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

4 Years B.Tech. (Electronics and Communication Engineering) Course Structure: (2019-20)

General Minor Courses (Offered by other Department)

Note : 1. A student can opt any 4 subjects from each pool @ 4 credits per subject.
 2. Compulsory MOOC/NPTEL Courses for 04 credits (02 courses@ 2 credits each)

Offered by Electronics and Communication Engineering

Code No.	Subject Name	Code No.	Subject Name
ECMR1	Digital Electronics	ECMR2	Micro Processors & Micro Controllers
ECMR3	Introduction to Embedded System Design	ECMR4	Wireless Sensor networks
ECMR5	Computer Architecture Organization	ECMR6	Data Communication
ECMR7	Principles of Communication System	ECMR8	MATLAB Practice

Dr. M. Sailaja
(University Nominee)

Dr. P. Rajesh Kumar
(Subject Expert)

Mr. S. Surya Shankar
(Industrial Expert)

Dr. B. Srinivasa Raja
(Chairman, BOS)

Dr. S. V. R. K. Rao
(Member, BOS)

Dr. A. V. Pratap Kumar
(Member, BOS)

Mr. Biswaranjan Barik
(Member, BOS)

Mrs. K. Jyothi
(Member, BOS)

Mr. G. V. Vinod
(Member, BOS)



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY(AUTONOMOUS)

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Kakinada

NH-16, Chaitanya Knowledge City, Rajahmundry - 533296. E.G.DL, - AP.

DEPARTMENT OF CIVIL ENGINEERING

4 Years B.Tech. (Civil Engineering)

Course Structure : GRBT-20-HONORS

POOL I :

S.No	COURSE CODE	COURSE TYPE	COURSE TITLE	PERIODS PER WEEK			C	SCHEME OF EXAMINATION MAXIMUM MARKS		
				L	T	P		Int	Ext	Total
1		Honor	Air and noise pollution	4	0	0	4	30	70	100
2		Honor	Environmental laws and policies	4	0	0	4	30	70	100
3		Honor	Unit operations and processes in wastewater Engineering	4	0	0	4	30	70	100

POOL II :

S.No	COURSE CODE	COURSE TYPE	COURSE TITLE	PERIODS PER WEEK			C	SCHEME OF EXAMINATION MAXIMUM MARKS		
				L	T	P		Int	Ext	Total
1		Honor	Soil Investigation by soil exploration	4	0	0	4	30	70	100
2		Honor	Earth Retaining structures	4	0	0	4	30	70	100
3		Honor	Rock mechanics	4	0	0	4	30	70	100

University Nominee
(Dr. G.V.R. Prasada Raju)

Subject Expert
(Dr. D. Rama Seshu)

Industry Expert
(Dr. S.V. Vijay Kumar)

Internal Member
(Sri. S.N.Rao)

Internal Member
(J.Lakshmi Sudha)

Internal Member
(A.Rajendra)

Dr. G.V.R. Prasada Raju



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)

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Kakinada

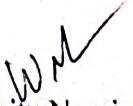
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POOL III :

S.No	COURSE CODE	COURSE TYPE	COURSE TITLE	PERIODS PER WEEK			C	SCHEME OF EXAMINATION MAXIMUM MARKS		
				L	T	P		Int	Ext	Total
1		Honor	Intelligent transportation system	4	0	0	4	30	70	100
2		Honor	Traffic flow analysis	4	0	0	4	30	70	100
3		Honor	Advanced highway engineering	4	0	0	4	30	70	100

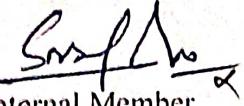
POOL IV :

S.No	COURSE CODE	COURSE TYPE	COURSE TITLE	PERIODS PER WEEK			C	SCHEME OF EXAMINATION MAXIMUM MARKS		
				L	T	P		Int	Ext	Total
1		Honor	Earthquake Resistance Design	4	0	0	4	30	70	100
2		Honor	Structural Dynamics	4	0	0	4	30	70	100
3		Honor	Bridge Engineering	4	0	0	4	30	70	100


University Nominee
(Dr. G.V.R. Prasada Raju)

Subject Expert
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Internal Member
(Sri. S.N.Rao)


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(A.Rajendra)


Dr. G.V.R. Prasada Raju

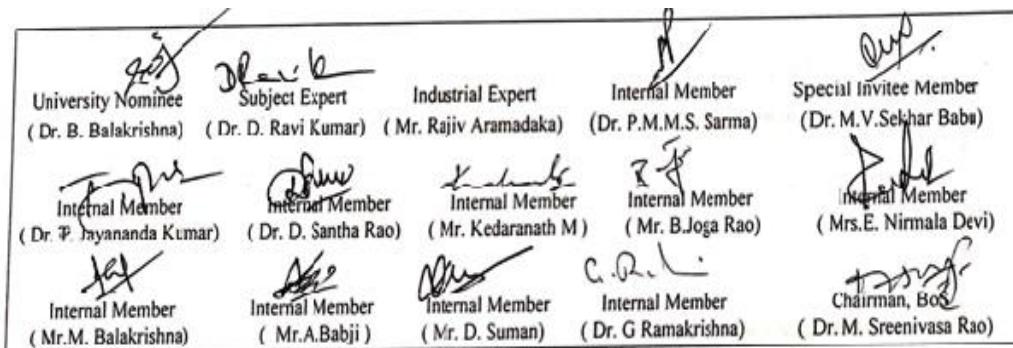
HONOR SUBJECTS

Note:

1. The subjects opted for Honors should be Advanced type which are not covered in regular curriculum
2. Students has to acquire 16 credits with minimum one subject from each pool.
3. Concerned BoS can add or delete the subjects as per the decision of the board.
4. Prerequisites to be defined by the board for each course.
5. Compulsory MOOC/NPTEL Courses for 04 credits (02 courses @ 2 credits each)

DEPARTMENT OF MECHANICAL ENGINEERING

S.NO.	COURSENAME	L-T-P	CR	PRE-REQ.	OFFEREDTO
POOL1					
1	Automotive Transmission	4-0-0	4	Thermodynamics, Thermal Engineering	ME
2	Autotronics and Safety	4-0-0	4	Basic Electronics Engineering, Basic Automobile Engineering	ME
3	Alternative Energy Sources for Automobiles	4-0-0	4	Thermal Engineering	ME
POOL2					
1	Robotics: Modelling, Analysis and Control	4-0-0	4	Engineering Mathematics	ME
2	Modelling and Analysis of Physical systems	4-0-0	4	Engineering Mathematics, Engineering Mechanics, Basic Electrical and Electronics Engineering, Kinematics of Machines and Dynamics of Machines.	ME
3	Control Systems	4-0-0	4	Basic Electrical & Electronics Engineering, Instrumentation and Control Systems	ME
POOL3					
1	Product Design	4-0-0	4	Design of Machine Members, Production Technology	ME
2	Flexible Manufacturing Systems	4-0-0	4	CAD/CAM	ME
3	Reverse Engineering and Rapid Prototyping	4-0-0	4	Production Technology, Design of Machine Members, CAD/CAM	ME
POOL4					
1	Heat power Engineering	4-0-0	4	Engineering Thermodynamics	ME
2	Jet Propulsion and rocket Engineering	4-0-0	4	Thermodynamics, Thermal Engineering	ME
3	Computational Fluid Dynamics	4-0-0	4	Engineering Mathematics, Fluid Mechanics & Heat Transfer	ME



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TECHNOLOGY(AUTONOMOUS)**

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Kakinada

NII-16, Chaitanya Knowledge City, Rajahmundry - 533296, E.G.Dt., - AP.

DEPARTMENT OF CIVIL ENGINEERING

4 Years B.Tech. (Civil Engineering) Course Structure : GRBT-20-Minor

S. No.	Course Code	Course Type	Course Title	Periods per week			C	Scheme of Examination Maximum Marks		
				L	T	P		Int.	Ext.	Total
1		MINOR	Elements of Civil Engineering	4	0	0	4	30	70	100
2		MINOR	Green Building Technology	4	0	0	4	30	70	100
3		MINOR	Ground Improvement Techniques	4	0	0	4	30	70	100
4		MINOR	Repairs, Retrofitting and Rehabilitation	4	0	0	4	30	70	100
5		MINOR	Introduction to Surveying & Geomatics	4	0	0	4	30	70	100
6		MINOR	Fundamentals of Transportation Engineering	4	0	0	4	30	70	100
7		MINOR	Disaster Preparedness, Planning & Management	4	0	0	4	30	70	100
8		MINOR	Industrial Safety & Hazardous Management	4	0	0	4	30	70	100
TOTAL				32	0	0	32	240	560	800

WN
University Nominee
(Dr. G.V.R. Prasada Raju)

DRS
Subject Expert
(Dr. D. Rama Seshu)

SV
Industry Expert
(Dr.S.V.Vijay Kumar)

SRI S.N.RAO
Internal Member
(Sri. S.N.Rao)

J.L.SUDHA
Internal Member
(J.Lakshmi Sudha)

AR
Internal Member
(A.Rajendra)

DRVR

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

Dept. of CSE

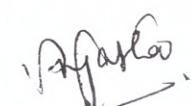
A.Y: 2022-23 (Batch-1)

ENROLLMENT OF B.TECH-MINOR PROGRAMME (II-II)

Course-1: Introduction to Database Systems

S.No	Pin.No	Name of The Student	Branch
1	22555A0101	ALLAKA SURYA CHANDRASHEKAR SUNILBABU	CIVIL
2	22555A0103	AGRAHARAPU AKHILPRASAD	CIVIL
3	22555A0112	BORRA KARTHIK REDDY	CIVIL
4	22555A0129	JALAPATHI VINAY KUMAR	CIVIL
5	22555A0152	PARAVADA PRASANNA	CIVIL
6	22555A0166	SANIKOMMU VENKATA REDDY	CIVIL
7	22555A0167	SATHAM SURYA PRAKASH	CIVIL
8	22555A0179	YELLAPU ROHITH MANIKANTA	CIVIL
9	21551A0209	CHAPPA SRAVANI KUMARI	EEE
10	21551A0210	DASARI KUSUMA	EEE
11	21551A0211	DULAM MANJULA	EEE
12	21551A0217	GRANDHI SAI SRI LAASYA	EEE
13	21551A0245	TRIPURARI SAI SUBHASH	EEE
14	21551A0289	YASALAPU NANDINI	EEE
15	22555A0204	BATTA NAGA SAI KUMAR	EEE
16	22555A0205	BHAIRI VINODKUMAR	EEE
17	22555A0206	BOLLU NAVANEETH KUMAR	EEE
18	22555A0208	CHITIKELA DEEPAK SAI	EEE
19	22555A0211	KAKANABOYINA ROHIT	EEE
20	22555A0214	NARALA GOWRI PADMAVATHI	EEE
21	22555A0226	KARRI RAJESH	EEE
22	22555A0306	DHARAMANA DHILLESWARARAO	MECH
23	22555A0309	KATURI NITHEESH KUMAR	MECH
24	22555A0314	NAGIREDDI VENKATESWARA RAMACHANDRA RAO	MECH
25	22555A0319	ALLU MAHESH	MECH
26	22555A0332	KORASALA SURYA AJAY	MECH
27	22555A0335	KURAPALA MOHITH	MECH
28	22555A0343	MOSALI UDAY KUMAR	MECH
29	22555A0354	PEKETI SRI SATYA SAI ANIL	MECH
30	22555A0356	PONNADA CHARANKUMAR	MECH
31	22555A0358	PULAKALA VAMSI	MECH
32	21551A0402	ADIGARLA JAYANTHI	ECE
33	21551A0409	GUTTULA VEERA VENKATA VAMSI KRISHNA	ECE
34	21551A0410	DULAM LAKSHMI TULASI	ECE

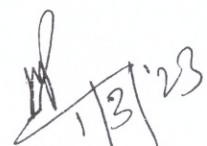
35	21551A0427	MANDAPATI SATHVIKA	ECE
36	21551A0438	PENKE RADHA ANJANI	ECE
37	21551A0450	SIMMA LAVANYA	ECE
38	21551A0462	VAVILAPALLI SHIVANI	ECE
39	21551A0497	KOLLIMALLA MOUNIKA	ECE
40	21551A0498	KOTHURI SAI AKHIL	ECE
41	21551A04A1	ALLAKA DURGA VENKATESH	ECE
42	21551A04B5	RAGHUMANDALA VINAY	ECE
43	21551A04B8	REDDY RAKESH	ECE
44	21551A04C8	BALAGA JHANSI	ECE
45	21551A04E9	NOOKATHATTU MADHU LATHA	ECE
46	21551A04G8	POTNURU SARVANI	ECE
47	21551A04H0	KORA LAKSHMI SRAVANTHI	ECE
48	21551A04H2	NANGIREDDI SHIVANI	ECE
49	22555A0414	SONTI NAGARAJU	ECE
50	22555A2404	CHITTURI PRASANTH	AME
51	22555A2601	RASAPUTRA MEGHANATH SINGH	MINING
52	22555A2609	SHAIK KALEEF	MINING
53	22555A2708	KORUPULA SIVA KUMAR	PETROLEUM



HOD-CSE



VICE-PRINCIPAL ACADEMICS



PRINCIPAL

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

13/23

Regulation GRBT-20	GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (Autonomous)			
Course Code	INTRODUCTION TO DATABASE SYSTEMS			
Teaching	Total contact hours: 48			L T P C
Prerequisite(s): ---				3 0 2 4

Course Objective(s):

- To provide students with theoretical knowledge of databases and database management systems in information technology applications.
- To train the student with practical skills in the use of databases and database management systems
- To understand the logical design, physical design and implementation of relational databases are covered.

Course Outcome(s):

After successful completion of this course, a student will be able to-

- CO-1:** Obtain the knowledge about Database Management System
- CO-2:** Give a description of the Database Management structure and understand the applications of Databases.
- CO-3:** Know the advantages and disadvantages of the different models.
- CO-4:** Know the constraints and controversies associated with relational database.
- CO-5:** Understand the concept of data planning and Database design and identify the various functions of Database Administrator.

UNIT-1

Introduction: Data base System Applications, data base System VS file System, Advantages of a DBMS View of Data, Data Abstraction, instances and Schemas, data Models, the ER Model, Relational Model, Other Models, Database Languages: DDL, DML, DCL. Database Access for applications Programs, Storage Manager, the Query Processor, Transaction Management, data base System Structure, data base Users and Administrator.

UNIT-2

History of Data base Systems: Data base design and ER diagrams, Beyond ER Design Entities, Attributes and Entity sets, Relationships and Relationship sets, Additional features of ER Model, Concept Design with the ER Model, and Conceptual Design for Large enterprises.

UNIT-3

Basic SQL Query: Basic SQL querying (select and project) using where clause, arithmetic & logical operations, Set ,Comparison Operators, NULL values, Comparison using Null values, sub

Head of the Department
Computer Science & Engineering
GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY (A)
8, Chaitanya Knowledge City,
MAHENDRAVARAM, A.P. India, 533 296.

queries, grouping, aggregation, ordering, implementation of different types of joins, Simple Database schema, data types, table definitions, different types of DML and DDL operations

UNIT-4

SQL and PL/SQL: Creating tables with relationship, implementation of key and integrity constraints, views. Introduction to PL/SQL, PL/SQL procedures, functions, triggers, cursors, exception handling, packages, arrays, table types. SQL constructs that grant access or revoke access from user or user groups.

UNIT-5

Schema Refinement (Normalization): Purpose of Normalization or schema refinement, concept of functional dependency, normal forms based on functional dependency (1NF, 2NF and 3NF), concept of surrogate key, Boyce-codd normal form (BCNF), Lossless join and dependency preserving decomposition, Fourth normal form (4NF).

Text Books

1. Database System Concepts 6e By Abraham Silberschatz, Henry Korth and S Sudarshan
2. Database Management Systems, 3/e Raghuram Krishnan, Johannes Gehrke, TMH

Reference Books

1. Introduction to Database Systems, 8/e C J Date, PEA
2. The Database book principles & practice using Oracle/MySQLNarainGehani, University Press.
3. Oracle Database 11g. The complete reference (oracle press)

Head of the Department
Computer Science & Engineering
Sri Institute of Engineering & Technology (A)
8, Chaitanya Knowledge City,
Vizianagaram, A.P. India, 533 296.



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
 (AN AUTONOMOUS INSTITUTION PERMANENTLY AFFILIATED TO JNTUK)
 GIET CAMPUS, CHAITANYA KNOWLEDGE CITY, NH-16, RAJAHMUNDRI, EAST GODAVARI, AP.

B.Tech-II/IV II SEM Honors/Minors Regular Results Analysis Held in June 2023: Final Result Curriculum: GRBT-20

MINORS

Branch: CIVIL ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	8	8	7	1	87.50	87.50
ALL SUBJECTS	8	8	7	1	87.50	87.50

Branch: ELECTRICAL AND ELECTRONICS ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	13	13	13	0	100.00	100.00
ALL SUBJECTS	13	13	13	0	100.00	100.00

Branch: MECHANICAL ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	10	9	8	1	80.00	88.89
ALL SUBJECTS	10	9	8	1	80.00	88.89

Branch: ELECTRONICS AND COMMUNICATION ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	18	17	17	0	94.44	100.00
ALL SUBJECTS	18	17	17	0	94.44	100.00

Branch: AUTOMOBILE ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	1	1	1	0	100.00	100.00
ALL SUBJECTS	1	1	1	0	100.00	100.00

Branch: MINING ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	2	2	2	0	100.00	100.00
ALL SUBJECTS	2	2	2	0	100.00	100.00

Branch: PETROLEUM ENGINEERING - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
INTRODUCTION TO DATABASE SYSTEMS (201MI401)	1	1	1	0	100.00	100.00
ALL SUBJECTS	1	1	1	0	100.00	100.00



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

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B.Tech-II/IV II SEM Honors/Minors Regular Results Analysis Held in June 2023: Final Result Curriculum: GRBT-20

MINORS

Branch: ALL BRANCHES - GRBT-20

Subject	Registered	Appeared	Passed	Failed	Reg Pass %	Apprd. Pass %
ALL SUBJECTS	53	51	49	2	92.45	96.08

(AUTONOMOUS)

Approved by AICTE, Accredited by NBA & NAAC 'A' Grade, Recognized under 2(f) and 12(b) of UGC, Permanently Affiliated to JNTUK,

Kakinada.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
4 Years B.Tech. (Electrical & Electronics Engineering) Course Structure : (2020-21)

HONORS DEGREE COURSES

SI.NO	ENERGY SYSTEMS	POWER SYSTEMS	CONTROL SYSTEMS	POWER ELECTRONICS	L	T	P	C
1	Solar energy	Deregulated Power Systems	Digital control systems	Advanced power electronic converters				
2	Wind Energy	Advanced power system protection	PLC & Automation	Industrial Electronics	4	0	0	4
3	Energy Storage Devices	Design of Substations	Robust control	Analysis of inverters				

NPTEL COURSES FOR HONORS DEGREE

SI.NO	NAME OF THE COURSE	LINK	DURATION	CREDITS
1	Control and Tuning Methods in Switched Mode Power Converters (IITKGP)	https://onlinecourses.nptel.ac.in/noc_21_ee104/preview	12 weeks	2
2	Applied Electromagnetics For Engineers (IITK)	https://nptel.ac.in/courses/108/104/108104099/	12 weeks	2
3	Advances in UHV Transmission and Distribution (IISc)	https://nptel.ac.in/courses/108/108/108108099/	08 weeks	2
4	Introduction to Smart Grid (IITR)	https://nptel.ac.in/courses/108/107/108107113/	08 weeks	2

NOTE:

1. Students have to acquire 16 credits with minimum one subject from each pool.
2. Concerned BOS can add or delete the subjects as per the decision of the board.
3. Compulsory MOOC/NPTEL courses for 04 credits (02 courses @ 2 credits each).
4. For MOOC/NPTEL courses, depending on the availability of the courses in that semester, the student may choose subjects other than the ones mentioned above after approval of BOS chairman.

University Nominee
(Dr.Y.Srinivasa Kishore Babu)

Subject Expert
(Dr.N.Viswanathan)

Subject Expert
(Dr.B.Ravi Kumar)

Internal Member
(Mr.T.Amar Kiran)

Internal Member
(Mrs.B.Kavya Santhoshi)

Internal Member
(Mr.V.Suresh)

Chairman-BOS
(Dr.D.Ravi Kishore)

(AUTONOMOUS)

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Kakinada.

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
4 Years B.Tech. (Electrical & Electronics Engineering) Course Structure : (2020-21)

MINOR DEGREE COURSES

SI.NO	NAME OF THE COURSE	L	T	P	C
1	Electrical Energy and Its Applications	4	0	0	4
2	Electrical design estimation and costing				
3	Introduction to electrical power systems				
4	Principles of power electronics and its applications				
5	Electrical measuring instruments				
6	Electrical machines				
7	Energy management				
8	Alternative energy sources				

NPTEL COURSES FOR MINOR DEGREE

SI.NO	NAME OF TE COURSE	LINK	DURATION	CREDITS
1	Electric vehicles and renewable energy (IIT MADRAS)	https://onlinecourses.nptel.ac.in/noc21_ee112/preview	12 weeks	2
2	Fundamentals of electrical engineering (IITKGP)	https://nptel.ac.in/courses/108/105/108_105112/	12 weeks	2
3	Electrical Distribution System Analysis (IITR)	https://nptel.ac.in/courses/108/107/108_107112/	08 weeks	2
4	Dc Microgrid and Control System (IITR)	https://nptel.ac.in/courses/108/107/108_107143/	08 weeks	2

NOTE:

1. A student can opt 04 subjects from 08 subjects @ 04 credits per subject
2. Concerned BOS can add or delete the subjects as per the decision of the board.
3. Compulsory MOOC/NPTEL courses for 04 credits (02 courses @ 2 credits each).
4. For MOOC/NPTEL courses, depending on the availability of the courses in that semester, the student may choose subjects other than the ones mentioned above after approval of BOS chairman.

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Chairman-BOS
(Dr.D.Ravi Kishore)

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

Course Structure of
B.Tech. Programme in Computer Science and Engineering
Regulation: GRBT-20

Honor Degree in CSE offered
from II B.Tech II Semester Onwards

S. No	Course Code	Course Title	L	T	P	C
1		POOL-I a) Statistical Foundations of Data Science b) Data Analytics using Python c) Data Visualization & Interpretation				4
2		POOL-II a) Advanced Operating Systems b) Advanced Computer Architecture c) Advanced JAVA –SERVLETS - JSP				4
3		POOL-III a) Advanced Data Structures & Algorithms b) No SQL Databases c) Distributed Databases				4
4		POOL-IV a) IT Security – Threats And Vulnerability b) Cyber Laws and Security Policies c) Block Chain Technologies				4
5		POOL-V MOOCS-NPTEL/ SWAYAM				4
Total						20
Note: For Honor degree, 20 Credits (5 Courses @ 4 Credits each) shall be earned by specified courses listed above.						


University Nominee
(Dr. MHM. Krishna Prasad)


Subject Expert-1
(Dr. U.S.N. Raju)


Subject Expert-2
(Mr. B. Mahesh)

Industry Expert
(Mr. Raja M.S)

Alumni
(Ms. M. Sundari Jahnavi)


BOS-Chairman
(Dr. B. Sujatha)

Head of the Department
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Godavari Institute of Engineering & Technology (A)
VH-16, Chaitanya Knowledge City,
RAJAHMENDRARAM, A.P. India, 533 296.

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

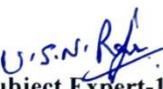
Course Structure of
B.Tech. Programme in Computer Science and Engineering
Regulation: GRBT-20

Minor Degree in CSE offered to other branches
from II B.Tech II Semester Onwards

S. No	Course Code	Course Title	L	T	P	C
1		Fundamentals of Operating Systems	3	1	0	4
2		JAVA Programming	3	0	2	4
3		Introduction to Database Systems	3	0	2	4
4		Web Design and Development	3	0	2	4
5		Network Security	3	1	0	4
6		Fundamentals of Cloud Computing	3	1	0	4
7		Fundamentals of Machine Learning	3	1	0	4
8		Fundamentals of Data Science	3	1	0	4

Note:
For Minor degree, 20 Credits (5 Courses @ 4 Credits each) shall be earned by specified courses listed above.


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