

B.Tech. 1st Semester (Compartmental) Examination, August-September, 2021 (Theory)

### (BATCH: 2016)

### (To be conducted through Open Book Examination Mode)

Time: 10.00 A.M to 11.30 PM

Date & date	Paper code	Subject	Branch
28/08/2021 (Saturday)	MA-101	Calculus	All Branch
29/08/2021 (Sunday)	PH-100	Engineering Physics	ECE, CSE (1st and 2nd Semester)
30/08/2021 (Monday)	CY-100	Engineering Chemistry	PE, ME (1st and 2nd Semester)
31/08/2021 (Tuesday)	BE-110	Engineering Graphics-I	
01/09/2021 (Wednesday)	BE-103	Introduction to Computing and Problem Solving	All Branch
02/09/2021 (Thursday)	BE-102	Introduction to Sustainable Engineering	
03/09/2021 (Friday)	EC-100	Basics of Electronics Engineering	



B.Tech. 2<sup>nd</sup> Semester (Compartmental) Examination, August-September, 2021 (Theory)

(BATCH: 2016)

# (To be conducted through Open Book Examination Mode)

Time: 02.00 P.M to 3.30 PM

Date & date	Paper code	Title	Branch
28/08/2021	MA-102	Differential Equations	
(Saturday)			
29/08/2021	BE-100	Engineering Mechanics	All Branch
(Sunday)			
30/08/2021	EC/EE-100	Basics of Electrical Engineering	
(Monday)			
31/08/2021	ME-100	Basics of Mechanical Engineering	
(Tuesday)			
01/09/2021	BE-111	Engineering Graphics -II (Auto CAD)	
(Wednesday)			
02/09/2021	HU-102	Technical English	
(Thursday)			



B.Tech. 3<sup>rd</sup> Semester (Compartmental) Examination, August-September, 2021 (Theory)

(BATCH: 2016)

### (To be conducted through Open Book Examination Mode)

Time: 10.00 A.M to 11.30 PM

Date & date	Paper code	Title	Branch
04/09/2021 (Saturday)	MA201	Linear Algebra & Complex Analysis	All branch
05/00/2021	CS202	Object Oriented Design and Programming	CSE
05/09/2021 (Sunday)	EC-201	Network Theory	ECE
(Sunday)	ME 201	Thermodynamics	ME
06/00/2021	EC 201	Switching Theory and Logic Design	CSE
06/09/2021 (Monday)	EC-202	Solid State Devices	ECE
(Wionday)	ME 202	Mechanics of Fluids	ME
07/00/0001	CS201	Data Structures	CSE
07/09/2021 (Tuesday)	EC-203	Electronic Circuits	ECE
(Tuesday)	ME 203	Metallurgy and Material Engineering	ME
09/00/2021	EC202	Electronics Devices & Circuits	CSE
08/09/2021 (Wednesday)	EC-204	Logic Circuit Design	ECE
( w cunesuay)	EE 201	Electricals Technology	ME
	HU201	Business Economics	CSE
09/09/2021	HU-201	Business Economics	ECE
(Thursday)	ME 204	Machine Drawing	ME
	PE 204	Petroleum Refining	PE



B.Tech. 4th Semester (Compartmental) Examination, August-September, 2021 (Theory)

## (BATCH: 2016)

### (To be conducted through Open Book Examination Mode)

Time: 2.00 PM - 3.30 PM

Date & date	Paper code	Title	Branch
04/09/2021 (Saturday)	MA202	Probability Distributions, Transforms and Numerical Methods / Probability, Random process and Numerical Methods	All Branch
	CS203	Computer Organization and Architecture	CSE
05/09/2021 (Sunday)	EC 205	Signals & Systems	ECE
(Sunday)	ME 205	Heat and mass Transfer	ME
	ME 202	Mechanical Engineering -II	PE
	CS204	Operating Systems	CSE
06/00/2021	EC 206	Analog Integrated Circuits	ECE
06/09/2021 (Monday)	ME 206	Kinematics of Machinery	ME
(Monday)	PE 205	Drilling Engineering -II	PE
	MA 203	Discrete Mathematics	CSE
0.5 (0.0 (0.00.1	EC 207	Applied Electromagnetic Theory	ECE
07/09/2021 (Tuesday)	ME 207	Manufacturing Technology	ME
(Tuesday)	PE 206	Production Engineering -I	PE
	CS205	Principles of Database Design	CSE
08/09/2021	EC 208	Analog Communication Engineering	ECE
(Wednesday)	ME 208	Mechanics of Solid	ME
,	PE 207	Reservoir Engineering -I	PE
09/09/2021 (Thursday)	HU202/ HU 201	Principle of Accountancy and Management/ Fundamentals of accountancy	CSE ECE ME
	EC 201	Microprocessor and their applications	PE



B.Tech. 5<sup>th</sup> Semester (Compartmental) Examination, August-September, 2021 (Theory)

### (BATCH: 2016)

# (To be conducted through Open Book Examination Mode)

Time: 10.00 AM - 11.30 AM

Date & Date	Paper code	Title	Branch
10/09/2021	CS 301	Theory of Computation	CSE
	EC 301	Digital Signal Processing	ECE
(Friday)	ME 301	Advanced Mechanics of solids	ME
	MA 301	Mathematics -V	PE
	CS 302	System Software	CSE
11/09/2021	EC 302	Antenna and Wave propagation	ECE
(Saturday)	ME 302	Dynamics of Machinery	ME
	EE 301	Electricals Machines and Controls Systems	PE
	EC 301	Microprocessors and Microcontrollers	CSE
12/00/2021	EC 303	Microprocessor and Microcontrollers	ECE
12/09/2021 (Sunday)	ME 303	Design of Machine Elements -I	ME
(Sunday)	CE 301	Surveying and Remote Sensing	PE
	CS303	Data Communication	CSE
12/00/2021	EC 304	Digital Communication	ECE
13/09/2021 (Monday)	ME 304	Applied Thermodynamics -I	ME
(Monday)	PE 301	Production Engineering -II	PE
	CS-607	Programming Paradigms	CSE
1.4/00/2021	HU 301	Principles of Management	ECE
14/09/2021 (Tuesday)	ME 305	Metrology and Measurements	ME
(Tuesday)	PE 302	Reservoir Engineering -II	PE
	CS 304	Design Analysis of Algorithm	CSE
15/09/2021	EC 501	Elective -1 (ITC)	ECE
(Wednesday)	ME-OE-301	Non-Conventional Energy	ME
(Wednesday)	PE 303	Petroleum Exploration -I	PE



B.Tech. 6th Semester (Compartmental) Examination, August-September, 2021 (Theory)

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Time: 2.00 PM - 3.30 PM

Date & Date	Paper Code	Title	Branch
10/09/2021 (Friday)	CS-505	Natural Language Processing	CSE
	EC 305	Power electronics & Instrumentation	ECE
(May)	ME 307	Fluids Machinery	ME
	PE 304	Petroleum Exploration-II	PE
11/00/0001	CS305	Software Engineering and Project Management	CSE
11/09/2021 (Saturday)	EC 306	Computer Organization and Architecture	ECE
(Saturday)	ME 310	Applied Thermodynamics-II	ME
	PE 305	Sedimentary and Petroleum Geology	PE
	CS306	Compiler Design	CSE
12/09/2021	EC 307	Embedded Systems	ECE
(Sunday)	ME-ELV-301	Numerical Methods & Computer programming	ME
	PE 306	Elective (Improved Oil Recovery/Petroleum Economics)	PE
	CS307	Computer Graphics	CSE
13/09/2021	EC 308	Control Systems	ECE
(Monday)	ME 311	Design of Machine Elements -II	ME
	PE 307	Reservoir Engineering-III	PE
	CS-604	Network Programming	CSE
14/09/2021	EC 502	Elective -2 (Speech and Audio)	ECE
(Tuesday)	EC 310	Control systems	ME
• ′	PE 308	Energy scenario in India ( Open elective subject)	PE
	CS308	Computer Networks	CSE
15/09/2021	EC -601	Open elective -1 (Satellite Communication)	ECE
(Wednesday)	ME-OE-302	Applied Linear Algebra	ME
	HU 301	Managerial Economics	PE



B.Tech. 7<sup>th</sup> Semester (Compartmental) Examination, August-September, 2021 (Theory)

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Time: 10.00 PM - 11.30 PM

Date & Date	Paper Code	Title	Branch
16/09/2021	CS401	Artificial Intelligence	CSE
	EC-401	Microwave Engineering	ECE
(Thursday)	ME-ELV-401	Convective Heat and Mass Transfer	ME
	PE-401	Reservoir Modelling and Simulation	PE
	CS-502	Data Mining	CSE
	EC-402	Optical Communication	ECE
17/09/2021	HU-401	Economics and Fundamentals of Management	ME
(Friday)	PE- 402	Elective –I (Transportation and Marketing of Petroleum and Petroleum Products, Fluid Mechanics & Thermodynamics)	PE
	CS-601	Information Theory & Coding Techniques	CSE
18/09/2021	EC-403	Advanced Digital Signal Processing	ECE
(Saturday)	ME-ELV-402	Computational Fluid Dynamics	ME
	PE- 403	Elective –II (Well Servicing & Work over, Unconventional Gases)	PE
	CS402	Web Technology	CSE
19/09/2021	EC-404	Object Oriented Programming	ECE
(Sunday)	ME-OE-401	Automobile Engineering	ME
•	PE- 404	Elective –III (Enhanced Oil Recovery, Fluid Flow Through Porous Media)	PE
20/09/2021	EC-503	Elective-3 (Electrical Machine)	ECE
(Monday)	PE- 405	Petrochemical Engineering (Open Elective Subject)	PE
21/09/2021 (Tuesday)	EC-602	Open Elective-2 (IoT/IC Technology/ Microelectronics)	ECE



B.Tech. 8th Semester (Compartmental) Examination, August-September, 2021 (Theory)

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Time: 2.00 PM - 3.30 PM

Date & Date	Paper Code	Title	Branch
Date			
16/09/2021	CS-501	Neural Networks for Machines Learning	CSE
(Thursday)	EC 405	Advanced communication Systems	ECE
(Thursday)	ME 401	Industrial Engineering	ME
	PE 407	Offshore Operations	PE
	CS-602	Robotics	CSE
17/09/2021	EC 504	Opto-Electronics Devices	ECE
(Friday)	ME ELV 403	Advanced Manufacturing Technology	ME
	PE 408	Elective (Natural Gas Engineering/ Heat & Mass Transfer)	PE
18/00/2021	CS-511	Distributed Computing	CSE
18/09/2021 (Saturday)	EC-505	Digital system Design	ECE
(Suturday)	ME ELV 404	Refrigeration and Air Conditioning	ME
	PE 409	Industrial Engineering and Management	PE
	CS-513	Mobile Ad-hoc Network	CSE
19/09/2021	EC 603	Satellite Communication	ECE
(Sunday)	ME-OE-402	Advanced Energy Management	ME
	PE 410	Healthy, Safety, Security and Environment in Petroleum Industry	PE
20/09/2021	EC 604	Internet of Things	ECE
(Monday)	PE 411	Petroleum formation evaluation ( Open elective subject)	PE