

# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

## NOTICE

No. VSSUT/Exams./ 658 /2021,

Dated: 26.03.2021

The End Semester Examinations of 1<sup>st</sup> Semester, 3<sup>rd</sup> Semester, 5<sup>th</sup> Semester for all Courses and 7<sup>th</sup> Semester Dual degree/Architecture/ Int. M.Sc. (**Except Final Year**) of **November-2020** will be conducted from 12.04.2021.

**All HODs, Subject Teachers and Candidates are requested to go through the programme in detail. If any discrepancy please report to the Examination Section as early as possible preferably on or before dt. 03.04.2021.**

The detailed Day, Timing and Programme for all courses are given below.

### **PROGRAMME FOR 1<sup>ST</sup> SEMESTER (B.Tech.)**

DATE & TIME	DAY	SUBJECT(S)
13.04.2021 9.00 AM to 12.00 Noon	Tuesday	Mathematics-I (B.Tech) (All Sections)
15.04.2021 9.00 AM to 12.00 Noon	Thursday	1) Engineering Physics (B.Tech.) (Sec. A to G) 2) Chemistry (B.Tech.) (Sec. H to N)
19.04.2021 9.00 AM to 12.00 Noon	Monday	1) Basic Electrical Engineering (B.Tech.) (Sec. A to G) 2) Basic Electronics (B.Tech.) (Sec. H to N)
21.04.2021 9.00 AM to 12.00 Noon	Wednesday	1) Engineering Mechanics (B.Tech.) (Sec. A to G) 2) Programming for Problem Solving (B.Tech.) (Sec. H to N)
23.04.2021 9.00 AM to 12.00 Noon	Friday	1) English for Business Communication (B.Tech.) (Sec. A to G) 2) Basics of Civil Engineering (B.Tech.) (Sec. H to N)

**3<sup>RD</sup> SEMESTER (B. Tech.)**

DATE & TIME	DAY	SUBJECT(S)
12.04.2021 9.00 AM to 12.00 Noon	Monday	1) Mathematics- III (All Branches)
14.04.2021 9.00 AM to 12.00 Noon	Wednesday	1) Economics for Engineers (ME, ETC, CSE, IT, PE, MME, ChE) 2) Organizational Behaviour (CE, EE, EEE)
16.04.2021 9.00 AM to 12.00 Noon	Friday	1) Environmental Science & Engineering (CE) 2) Basic Thermodynamics (ME) 3) Network Theory (EE, EEE) 4) Signals & Systems (ETC) 5) Object Oriented Programming (CSE) 6) Digital Electronics (IT) 7) Introduction to Physical Metallurgy ( M&M) 8) Basic Manufacturing Processes (PE) 9) Coal Processing Technology (ChE)
20.04.2021 9.00 AM to 12.00 Noon	Tuesday	1) Mechanics of Materials (CE) 2) Mechanics of Solid (ME) 3) Electrical Machines – I (EE, EEE) 4) Network Theory (ETC) 5) Data Structure and Algorithms (CSE) 6) Object Oriented Programming (IT) 7) Transport Phenomena (M&M) 8) Thermodynamics (PE) 9) Chemical Process Calculation (ChE)
22.04.2021 9.00 AM to 12.00 Noon	Thursday	1) Civil Engineering Materials & Construction (CE) 2) Manufacturing Science & Technology-I (ME) 3) Instrumentation & Sensor (EE) 4) Analog and Digital Electronics (EEE) 5) Analog Electronics Circuits ( ETC) 6) Digital Electronics Circuits (CSE) 7) Data Structure (IT) 8) Metallurgical Thermodynamics & Kinetics (M&M) 9) Material Engineering & Metallurgy (PE) 10) Fluid Mechanics (ChE)

### 5<sup>TH</sup> SEMESTER (B.Tech.)

DATE & TIME	DAY	SUBJECT(S)
13.04.2021 2.00 PM to 5.00 PM	Tuesday	<ol style="list-style-type: none"> <li>1) Geotechnical Engineering – I (CE)</li> <li>2) Fluid Dynamics and Hydraulic Machines (ME)</li> <li>3) Microprocessor &amp; Microcontroller Theory &amp; Application (EE/EEE)</li> <li>4) Digital Communication Technique (ETC)</li> <li>5) Operating Systems (CSE , IT)</li> <li>6) Design of Machine Elements (PE)</li> <li>7) Iron Making (M&amp;M)</li> <li>8) Heat Transfer (ChE)</li> </ol>
15.04.2021 2.00 PM to 5.00 PM	Thursday	<ol style="list-style-type: none"> <li>1) Environmental Engineering (CE)</li> <li>2) Manufacturing Science &amp; Technology – II (ME)</li> <li>3) Digital Circuits &amp; Design (EE/EEE)</li> <li>4) Microprocessors (ETC)</li> <li>5) Software Engineering and OOAD (CSE , IT)</li> <li>6) Production and Operation Management (PE)</li> <li>7) Phase Transformations (M&amp;M)</li> <li>8) Mass Transfer-I (ChE)</li> </ol>
19.04.2021 2.00 PM to 5.00 PM	Monday	<ol style="list-style-type: none"> <li>1) Structural Analysis-II (CE)</li> <li>2) Machine Design – II (ME)</li> <li>3) Electrical Measurements &amp; Instrumentation (EE)</li> <li>4) Power System-I (EEE)</li> <li>5) Very Large Scale Integration Design (ETC)</li> <li>6) Microprocessors &amp; Microcontrollers (CSE , IT)</li> <li>7) Fluid Mechanics &amp; Fluid Power Engineering (PE)</li> <li>8) Deformation Behaviour of Materials (M&amp;M)</li> <li>9) Chemical Engineering Thermodynamics (ChE)</li> </ol>
21.04.2021 2.00 PM to 5.00 PM	Wednesday	<ol style="list-style-type: none"> <li>1) Water Resources Engineering (CE)</li> <li>2) Machine Dynamics – I (ME)</li> <li>3) Power Station Engineering(EE)</li> <li>4) Power Electronics (EEE)</li> <li>5) Digital Signal Processing (ETC)</li> <li>6) Graph Theory (CSE,IT)</li> <li>7) Material Engineering and Metallurgy (PE)</li> <li>8) Materials Testing (M&amp;M)</li> <li>9) Process Dynamics &amp; Control (ChE)</li> </ol>
23.04.2021 2.00 PM to 5.00 PM	Friday	<ol style="list-style-type: none"> <li>1) Structural Design (CE)</li> <li>2) Metal Forming Processes (ME)</li> <li>3) Control System Engineering – I (EE)</li> <li>4) Signals &amp; Systems -I (EEE)</li> <li>5) Electromagnetic Field Theory (ETC)</li> <li>6) Cryptography and Network Security (CSE, IT)</li> <li>7) Theory of Metal Cutting (PE)</li> <li>8) Corrosion and Degradation of Materials (M&amp;M)</li> <li>9) Fundamentals of Biochemical Processes (ChE)</li> </ol>

### PROGRAMME FOR MCA

SEMESTER	DATE	TIME	DAY	SUBJECT(S)
1 <sup>ST</sup> SEMESTER	13.04.2021	9.00 AM to 12.00 Noon	Tuesday	Database Engineering
	15.04.2021		Thursday	Data Structure using C
	19.04.2021		Monday	Computer System Architecture
	21.04.2021		Wednesday	Operating System
	23.04.2021		Friday	Discrete Mathematics
3 <sup>RD</sup> SEMESTER	12.04.2021	9.00 AM to 12.00 Noon	Monday	Database Management Systems
	14.04.2021		Wednesday	Software Engineering
	16.04.2021		Friday	Computer Graphics and Multimedia
	20.04.2021		Tuesday	Theory of Computation
	22.04.2021		Thursday	Operating System

### PROGRAMME FOR B.ARCH.

SEMESTER	DATE	TIME	DAY	SUBJECT(S)
1 <sup>ST</sup> SEMESTER	13.04.2021	9.00 AM to 12.00 Noon	Tuesday	Applied Mathematics
	15.04.2021		Thursday	Building Materials-I
	19.04.2021		Monday	Introduction to Architecture
	21.04.2021		Wednesday	Ecology and Environment
3 <sup>RD</sup> SEMESTER	12.04.2021	9.00 AM to 12.00 Noon	Monday	Structural Analysis
	14.04.2021		Wednesday	History of Architecture- II
	16.04.2021		Friday	Water Supply & Sanitation
	20.04.2021		Tuesday	Climatology
5 <sup>TH</sup> SEMESTER	13.04.2021	2.00 PM to 5.00 PM	Tuesday	Design of Structures- II
	15.04.2021		Thursday	Environmental Studies
	19.04.2021		Monday	History and Theory of Architecture-II
	21.04.2021		Wednesday	Building Estimating Costing and Specifications
7 <sup>TH</sup> SEMESTER	13.04.2021	9.00 AM to 12.00 Noon	Tuesday	Advanced Structural Systems
	15.04.2021		Thursday	Green Buildings and Infrastructure
	19.04.2021		Monday	Advanced Services
	21.04.2021		Wednesday	Pre-Thesis Seminar
	23.04.2021		Friday	Building Construction Management

**PROGRAMME FOR MSC/ INT. MSC**

SEMESTER	DATE	TIME	DAY	SUBJECT(S)
<b>1<sup>ST</sup> SEMESTER</b>	13.04.2021	9.00 AM to 12.00 Noon	Tuesday	1) Electronics & Instrumentation (M.Sc., Phy.) 2) Group Theory & Quantum Chemistry (M.Sc., Chem.) 3) Real Analysis (M.Sc., Math.) 4) Physics-I (Thermodynamics) (Int. M.Sc.)
	15.04.2021		Thursday	1) Mathematical Methods (M.Sc., Phy.) 2) Co-ordination Chemistry (M.Sc., Chem.) 3) Differential Equation (M.Sc., Math.) 4) Environmental Science (Int. M.Sc.)
	19.04.2021		Monday	1) Classical Mechanics (M.Sc., Phy.) 2) Structure and Reactivity (M.Sc., Chem.) 3) Linear Algebra (M.Sc., Math.) 4) Chemistry – I (Int. M.Sc.)
	21.04.2021		Wednesday	1) Quantum Mechanics – I (M.Sc., Phy.) 2) Thermodynamics & Chemical Dynamics (M.Sc., Chem.) 3) Data Structure using C (M.Sc., Math.) 4) Mathematics – I (Int. M.Sc.)
<b>3<sup>RD</sup> SEMESTER</b>	12.04.2021	9.00 AM to 12.00 Noon	Monday	1) Mathematical Physics-I (Int. M.Sc., Phy./ Math.) 2) Physical Chemistry – I (Int. M.Sc, Chem)
	14.04.2021		Wednesday	1) Mechanics (Int. M.Sc., Phy. / Math.) 2) Organic Chemistry-I (Int. M.Sc., Chem.)
	16.04.2021		Friday	1) Analog Electronic Systems and Applications (Int. M.Sc., Phy.) 2) Inorganic Chemistry- I (Int. M.Sc, Chem.) 3) Mathematics- III (Int. M.Sc, Math.)
	20.04.2021		Tuesday	1) Programming in C (Int. M.Sc., Phy./Math) 2) Fundamental of Materials Chemistry (Int. M.Sc., Chem.)
<b>5<sup>TH</sup> SEMESTER INT. M.SC.</b>	13.04.2021	2.00 PM to 5.00 PM	Tuesday	1) Nanomaterials and Applications (Physics) 2) Solid State Chemistry (Chemistry) 3) Introduction to Probability & Statistics (Mathematics)
	15.04.2021		Thursday	1) Mechanics- II (Physics) 2) Green Chemistry (Chemistry) 3) Introduction to Mathematical Methods (Mathematics)
	19.04.2021		Monday	1) Basic Solid State Physics (Physics) 2) Bio-Inorganic Chemistry (Chemistry) 3) Hydrodynamics (Mathematics)
	21.04.2021		Wednesday	1) Introduction to Mathematical Physics (Physics) 2) Chemistry of Industrial Materials (Chemistry) 3) Solid Geometry (Mathematics)
	23.04.2021		Friday	1) Fundamental of Electronics (Physics) 2) Basic Organic Chemistry- II (Chemistry) 3) Elementary Combinatorics (Mathematics)

<b>7<sup>TH</sup> SEMESTER INT. M.SC.</b>	13.04.2021	9.00 AM to 12.00 Noon	Tuesday	<ul style="list-style-type: none"> <li>1) Mathematical Physics-I (Physics)</li> <li>2) Group Theory &amp; Quantum Chemistry (Chemistry)</li> <li>3) Real Analysis (Mathematics)</li> </ul>
	15.04.2021		Thursday	<ul style="list-style-type: none"> <li>1) Condensed Matter Physics- I (Physics)</li> <li>2) Co-ordination Chemistry (Chemistry)</li> <li>3) Complex Analysis (Mathematics)</li> </ul>
	19.04.2021		Monday	<ul style="list-style-type: none"> <li>1) Classical Mechanics (Physics)</li> <li>2) Structure and Reactivity (Chemistry)</li> <li>3) Modern Algebra (Mathematics)</li> </ul>
	21.04.2021		Wednesday	<ul style="list-style-type: none"> <li>1) Quantum Mechanics- I (Physics)</li> <li>2) Thermodynamics &amp; Chemical Dynamics (Chemistry)</li> <li>3) Probability (Mathematics)</li> </ul>
	23.04.2021		Friday	<ul style="list-style-type: none"> <li>1) Fortran Programming (Physics)</li> <li>2) Polymer Chemistry (Chemistry)</li> <li>3) Programming in C (Mathematics)</li> </ul>

**1<sup>ST</sup> SEMESTER (M.Tech.)**

DATE & TIME	DAY	SUBJECT(S)	SPECIALISATION
13.04.2021 9.00 AM to 12.00 Noon	Tuesday	1) Power System Management 2) Power Electronics Converters-I 3) Biomedical Instrumentation 4) Advanced Signal Processing 5) Machine Tool Technology 6) Fatigue, Creep & Fracture 7) Finite Element Modeling in Thermal Engineering 8) Advanced Solid Mechanics 9) Advanced Hydrology 10) Pavement Materials Characterization 11) Stability Analysis of Slopes 12) Advanced Thermodynamics and Kinetics of Engineering Materials 13) Computer Aided Design and Manufacturing 14) Advances in Data Structures and Algorithms	PSE PECD C&I VLSISP PE MD&A HPE SE WRE TE GTE IM MSE CSE
15.04.2021 9.00 AM to 12.00 Noon	Thursday	1) Operation & Control of Restructured Power System 2) Advanced Control Systems 3) Digital CMOS VLSI Design 4) Advanced Casting & Welding 5) Mechanical Vibration Analysis 6) Advanced Fluid Mechanics 7) Advanced Foundation Engineering 8) Neuro Fuzzy Application in Water Resources Engineering 9) Numerical Methods in Engineering 10) Transportation Infrastructure Design 11) Phase Transformation and Heat Treatment 12) Manufacturing System Models 13) Intrusion Detection Systems	PSE PECD/ C&I VLSISP PE MD&A HPE GTE WRE SE TE IM MSE CSE
19.04.2021 9.00 AM to 12.00 Noon	Monday	1) Distribution System Engineering 2) Electric Drive Systems 3) Instrumentation & Sensor 4) Analog CMOS V L S I Design 5) Inspection & Quality Assurance 6) Automatic Control Systems 7) Advanced IC Engines 8) Civil Engineering Materials 9) Urban Transportation Planning for Sustainable Development 10) Hydraulic Structures and Hydro Power Engineering 11) Advanced Soil Mechanics 12) Diffusion in Solids 13) Rapid Manufacturing Processes 14) Real Time Systems 15) Indian Writing in English	PSE PECD C&I VLSISP PE MD&A HPE SE TE WRE GTE IM MSE CSE Ph.D. CW

21.04.2021 9.00 AM to 12.00 Noon	Wednesday	1) Power System Analysis 2) Dynamics of Electrical Machines 3) Microprocessor & Microcontroller based System 4) VLSI Technology 5) Theory of Machining & Grinding 6) Applied Elasticity & Plasticity 7) Conduction and Radiation Heat Transfer 8) Advanced Structural Analysis 9) Advanced Fluid Mechanics 10) Traffic Engineering and Management 11) Ground Water Flow Through Porous Media 12) Metal Forming Technology 13) Advanced Maintenance Engineering 14) Advances in Computer Architecture 15) Computer Application Relevant for Research 16) Advanced Communication Technique	PSE PECD C&I VLSISP PE MD&A HPE SE WRE TE GTE IM MSE CSE Ph.D. CW Ph.D. CW
23.04.2021 9.00 AM to 12.00 Noon	Friday	Research Methodology & IPR	M.Tech./ M.Phil./ Ph.D. CW

### 7th SEMESTER (Dual Degree- Civil, Electrical)

DATE	DAY	Time	SUBJECT(S)
13.04.2021	Tuesday	9.00 AM to 12.00 Noon	1) Theory of Elasticity and Plasticity (CE) 2) Power System Management (EE)
15.04.2021	Thursday	9.00 AM to 12.00 Noon	Operation & Control of Restructured Power System (EE)
19.04.2021	Monday	9.00 AM to 12.00 Noon	Finite Element Method (CE)
21.04.2021	Wednesday	9.00 AM to 12.00 Noon	1) Advanced Structural Analysis (CE) 2) Power System Analysis (EE)

COE, VSSUT

Memo No. : VSSUT/Exams./ 659(45) /'2021,

Dt.: 26.03.2021

Copy to:- All HODs (**requested to communicate among the faculty members**)/ Prof. I/C Examinations/ Dean, Academic Affairs/ Dean, PGS&R/ Dean, Students Welfare/ Dean, Faculty & Planning (**request to kindly hoist in the University web site**) / Professor, T&P/ PIC, Electrical Maintenance/ ME-I/C/ University Notice Boards/ All Hall of Residence Notice Boards/ Medical Officer, VSSUT Dispensary/ PA to Vice-Chancellor for information of Hon'ble Vice Chancellor.

Controller of Examinations

**N.B.: All HODs, Subject Teachers and Candidates are requested to go through the programme in detail. If any discrepancy please report to the Examination Section as early as possible preferably on or before dt.03.04.2021.**