

# VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

## NOTICE

No. VSSUT/Exams./ 287 /2020,

Dated: 18/08/2020

The End Semester Examinations of **May-2020** using Hybrid KNOCK model for the 2nd, 4th and 6th Semester (for all courses), 8th Semester DD, B.Arch., Int. M.Sc. Regular and backlog students will be conducted from **31.08.2020**.

The detailed Program including Date, Day, Time, Courses, Semester and Subjects are given below.

### 2<sup>ND</sup> SEMESTER (B.Tech)

DATE & DAY	TIME	SUBJECT(S)
31.08.2020 (Monday)	8.30 AM to 10.30 AM	Physics (B.Tech.) (Sec. H to N)
	11.30 AM to 1.30 PM	Chemistry (B.Tech.) (Sec. A to G)
02.09.2020 (Wednesday)	8.30 AM to 10.30 AM	Basic Electrical Engineering (B.Tech.) (Sec. H to N)
	11.30 AM to 1.30 PM	Basic Electronics (B.Tech.) (Sec. A to G)
04.09.2020 (Friday)	8.30 AM to 10.30 AM	Engineering Mechanics (B.Tech.) (Sec. H to N)
	11.30 AM to 1.30 PM	Programming for Problem Solving (B.Tech.) (Sec. A to G)
06.09.2020 (Sunday)	8.30 AM to 10.30 AM	English for Business Communication (B.Tech.) (Sec. H to N)
	11.30 AM to 1.30 PM	Basics of Civil Engineering (B.Tech.) (Sec. A to G)
09.09.2020 (Wednesday)	11.30 AM to 1.30 PM	Mathematics-II (B.Tech) (All Sections)

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

DATE & DAY	TIME	SUBJECT(S)
01.09.2020 (Tuesday)	11.30 AM to 1.30 PM	1) Structural Analysis-I (CE) 2) Materials Engineering (ME) 3) Strength of Materials (PE) 4) Mineral Processing ( M&M) 5) Chemical Process Calculation (Chem. Engg.)
	11.45 AM to 1.45 PM	1) Analog Communication Technique (ETC) 2) Electronics Circuit ( EE,EEE) 3) Database Management Systems (CSE, IT)
03.09.2020 (Thursday)	11.30 AM to 1.30 PM	1) Engineering Surveying (CE) 2) Fluid Mechanics (ME) 3) Unit Process of Extraction (M&M) 4) Theory of Machine ( PE) 5) Fuel and Combustion (Chem. Engg.)
	11.45 AM to 1.45 PM	1) Electrical Machines- II (EE,EEE) 2)Analog Electronics Circuits- II (ETC) 3)Theory of Computation (CSE, IT)
05.09.2020 (Saturday)	11.30 AM to 1.30 PM	Mathematics- IV (All Branches except CS/IT)
	11.45 AM to 1.45 PM	Design and Analysis of Algorithms (CSE,IT)
07.09.2020 (Monday)	8.30 AM to 10.30 AM	Engineering Economics (CE, EE, EEE)
	11.30 AM to 1.30 PM	Organizational Behaviour (ME, ETC, CSE, IT, PE, M&M, Chem. Engg.)
08.09.2020 (Tuesday)	8.30 AM to 10.30 AM	1) Fluid Mechanics (CE) 2) Digital Electronic Circuits ( ETC) 3) Computer Organization and Architecture (CSE,IT) 4) Process and Handling of Materials (Chem. Engg.)
	11.30 AM to 1.30 PM	1) Object Oriented Programming (EE,EEE,PE) 2) Machine Design-I (ME) 3) Transport Phenomena (M&M)

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

DATE & DAY	TIME	SUBJECT(S)
31.08.2020 (Monday)	2.45 PM to 4.45 PM	1) Geotechnical Engineering -II (CE) 2) Internal Combustion Engine & Gas Turbine (ME) 3) Theory of Metal Forming (PE) 4) Steel Making (M&M) 5) Transport Phenomena (Chem. Engg.)
	3.00 PM to 5.00 PM	1) Electromagnetic Theory( EE, EEE) 2) Soft Computing (ETC) / High Level VLSI Design (ETC) 3) Compiler Design (CSE, IT)
02.09.2020 (Wednesday)	2.45 PM to 4.45 PM	1) Fluid Dynamics (CE) 2) Machine Dynamics-II ( ME) 3) Advanced Casting and Welding (PE) / Finite Element Method in Manufacturing (PE) / Manufacturing Resource Planning (PE) 4) Materials Characterization (M&M) 5) Mass Transfer – II (Chem. Engg.)
	3.00 PM to 5.00 PM	1) Control System Engineering-II (EE) 2) Signals & Systems- II (EEE) 3) Microcontroller & Embedded System (ETC) 4) Data Communication and Computer Network ( CSE, IT)
04.09.2020 (Friday)	2.45 PM to 4.45 PM	1) Transportation Engineering- I (CE) 2) Heat Transfer (ME) 3) Tool Design (PE) 4) Heat Treatment (M&M) 5) Process Equipment Design (Chem. Engg.)
	3.00 PM to 5.00 PM	1) Signals & Systems- I (EE) 2) Control System Engineering- I (EEE) 3) Electronic Measurement & Measuring Instruments (ETC) 4) Simulation and Modeling ( CSE, IT)
06.09.2020 (Sunday)	2.45 PM to 4.45 PM	1) Steel Structures (CE) 2) Mechanical Vibration (ME) / Advanced Manufacturing Technology (ME) 3) Inspection & Metrology (PE) 4) Non Ferrous Extractive Metallurgy (M&M) 5) Process Instrumentation (Chem. Engg.)
	3.00 PM to 5.00 PM	1)Power Electronics (EE) 2) Power System- II (EEE) 3) Microwave Engineering (ETC) 4) Information Security (CSE) 5) Soft Computing (IT)
09.09.2020 (Wednesday)	2.45 PM to 4.45 PM	1) Advanced Surveying (CE) / Prestressed Concrete (CE) 2) Industrial Engineering & Operations Research (ME) 3) Statistical Methods & Design of Experiments (PE) 4) Welding Technology (M&M) 5) Reaction Kinetics and Catalysis (Chem. Engg.)
	3.00 PM to 5.00 PM	1) Electric Power Transmission & Distribution (EE) 2) Electrical Measurement & Instrumentation (EEE) 3) Digital Image Processing (ETC) 4) Computer Graphics (CSE/IT)

### PROGRAMME FOR MCA / Ph. D COURSE WORK FOR ALL SEMESTERS

SEMESTER	DATE & DAY	TIME	SUBJECT(S)
2 <sup>ND</sup> SEMESTER	01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	Design of Analysis of Algorithms
	03.09.2020 (Thursday)	3.15 PM to 5.15 PM	Computer Networks
	05.09.2020 (Saturday)	3.15 PM to 5.15 PM	Object Oriented Programming using C <sup>++</sup>
	07.09.2020 (Monday)	3.15 PM to 5.15 PM	Computer Architecture
	08.09.2020 (Tuesday)	3.15 PM to 5.15 PM	Professional Communication in English
4 <sup>TH</sup> SEMESTER	01.09.2020 (Tuesday)	11.45 AM to 1.45 PM	Programming with Java
	03.09.2020 (Thursday)	11.45 AM to 1.45 PM	Compiler Design
	05.09.2020 (Saturday)	11.45 AM to 1.45 PM	Analysis & Design of Algorithms
	07.09.2020 (Monday)	11.45 AM to 1.45 PM	Cryptography and Network Security / Cloud Computing
	08.09.2020 (Tuesday)	11.45 AM to 1.45 PM	Data Mining / Real Time Systems

### PROGRAMME FOR B.Arch FOR ALL SEMESTERS

SEMESTER	DATE & DAY	TIME	SUBJECT(S)
2 <sup>ND</sup> SEMESTER	01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	Advanced Building Materials & Finishes
	03.09.2020 (Thursday)	3.15 PM to 5.15 PM	Structural Mechanics
	05.09.2020 (Saturday)	3.15 PM to 5.15 PM	History of Architecture-I
	07.09.2020 (Monday)	3.15 PM to 5.15 PM	Communication Skill
4 <sup>TH</sup> SEMESTER	01.09.2020 (Tuesday)	11.45AM to 1.45 PM	History and Theory of Architecture- I
	03.09.2020 (Thursday)	11.45AM to 1.45 PM	Building Services- II
	05.09.2020 (Saturday)	11.45 AM to 1.45 PM	Design of Structures- I
	07.09.2020 (Monday)	11.45AM to 1.45 PM	Landscape Design and Site Planning
6 <sup>TH</sup> SEMESTER	31.08.2020 (Monday)	3.15 PM to 5.15 PM	Architectural Acoustics
	02.09.2020 (Wednesday)	3.15 PM to 5.15 PM	Building Codes and By laws
	04.09.2020(Friday)	3.15 PM to 5.15 PM	Building Economics and Sociology
	06.09.2020 (Sunday)	3.15 PM to 5.15 PM	Human Settlement and Town Planning
	09.09.2020 (Wednesday)	3.15 PM to 5.15 PM	Barrier Free Built Environment
8 <sup>TH</sup> SEMESTER	01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	Professional Practice
	03.09.2020 (Thursday)	3.15 PM to 5.15 PM	Disaster Resistant Architecture
	05.09.2020 (Saturday)	3.15 PM to 5.15 PM	Housing
	07.09.2020 (Monday)	3.15 PM to 5.15 PM	Product Design

## 2<sup>ND</sup> SEMESTER (M. Tech / Ph. D Course Work)

DATE & DAY	TIME	SUBJECT(S)	SPECIALISATION
01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	1) Finite Element Method 2) Traffic Analysis 3) Dynamics of Soils and Foundations 4) Non-Traditional Manufacturing Process 5) FEM in Engineering 6) Computational Fluid Dynamics 7) Reliability of Power Systems 8) Power Electronic Converters- II 9) High Level VLSI Design 10) Solid & Hazardous Waste Management 11) Computational Intelligence 12) Communication Network & Switching	SE TE GTE PE MDA HPE PSE PECD VLSISP Ph.D. CW Ph.D. CW Ph.D. CW
03.09.2020 (Thursday)	3.15 PM to 5.15 PM	1) Advanced Design of Steel Structures 2) Highway Construction Practice 3) Earth Retaining Structures 4) Computer Aided Design & Manufacturing 5) Tribology 6) Convective Heat and Mass Transfer 7) Digital Protection of Power Systems 8) Advanced Machine Drives 9) VLSI Design Verification & Testing 10) Communicative English 11) Machine Learning	SE TE GTE PE MDA HPE PSE PECD VLSISP Ph.D. CW Ph.D. CW
05.09.2020 (Saturday)	3.15 PM to 5.15 PM	1) Advanced Reinforced Concrete Design 2) Pavement Analysis & Design 3) Subsoil Exploration 4) Tools & Dies Design 5) Composite Materials 6) Air Conditioning Engineering 7) Power System Dynamics 8) Advanced Digital Signal Processing 9) VLSI Signal Processing 10) Advanced Wireless Communication 11) American Literature	SE TE GTE PE MDA HPE PSE PECD VLSISP Ph.D. CW Ph.D. CW
07.09.2020 (Monday)	3.15 PM to 5.15 PM	1) Ground Improvement Technique 2) Structural Dynamics 3) Planning and Design of Airports 4) Surface Engineering 5) Experimental Stress Analysis 6) Advanced Engineering Thermodynamics 7) FACTS & Custom Power Devices 8) Digital Signal Processor Architecture 9) Advanced Database Systems	GTE SE TE PE MDA HPE PSE/PECD VLSISP Ph.D. CW

## PROGRAMME FOR MSC/ INT. MSC/ Ph. D COURSE WORK FOR ALL SEMESTERS

SEMESTER	DATE & DAY	TIME	SUBJECT(S)
2 <sup>ND</sup> SEMESTER	01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	1) Physics – II (Waves & Optics) (Int. M.Sc.) 2) Electrodynamics (AP) 3) Organometallics (IC/OC) 4) Measure Theory & Integration (AM)
	03.09.2020 (Thursday)	3.15 PM to 5.15 PM	1) English for Communication (Int. M.Sc.) 2) Statistical Mechanics (AP) 3) Organic Reaction Mechanism(IC/OC) 4) Complex Analysis (AM)
	05.09.2020 (Saturday)	3.15 PM to 5.15 PM	1) Chemistry – II (Int. M.Sc.) 2) Molecular Spectroscopy(IC/OC) 3) Atomic, Molecular Physics & Spectroscopy (AP) 4) Numerical Analysis (AM)
	07.09.2020 (Monday)	3.15 PM to 5.15 PM	1) Mathematics - II (Int. M.Sc.) 2) Quantum Mechanics – II (AP) 3) Stereochemistry (IC/OC) 4) Topology (AM)
4 <sup>TH</sup> SEMESTER	01.09.2020 (Tuesday)	11.45 AM to 1.45 PM	Mathematics- IV (Int. M.Sc.)
	03.09.2020 (Thursday)	11.45 AM to 1.45 PM	Economic and Costing (Int. M.Sc.)
	05.09.2020 (Saturday)	11.45 AM to 1.45 PM	Chemistry- IV (Basic Organic –I) (Int. M.Sc.)
	07.09.2020 (Monday)	11.45 AM to 1.45 PM	Mathematical Method (AM)
	08.09.2020 (Monday)	11.45 AM to 1.45 PM	Physics-IV (Modern Physics) (Int.M.Sc.)
6 <sup>TH</sup> SEMESTER	31.08.2020 (Monday)	3.15 PM to 5.15 PM	1) Biomolecules (Int. M.Sc., Chemistry) 2) Thermal Physics (Int. M.Sc., Physics) 3) Elementary Number Theory (Int. M.Sc., Math.)
	02.09.2020 (Wednesday)	3.15 PM to 5.15 PM	1) Principles of Inorganic Chemistry (Int. M.Sc., Chem.) 2) Photonics and Power Devices (Int. M.Sc., Phy.) 3) Introduction to Linear Programming (Int. M.Sc., Math.)
	04.09.2020 (Friday)	3.15 PM to 5.15 PM	1) Basic Physical Chemistry- II (Int. M.Sc., Chem.) 2) Physics of Materials (Int. M.Sc., Physics) 3) Introduction to Complex Analysis (Int. M.Sc., Math.)
	06.09.2020 (Sunday)	3.15 PM to 5.15 PM	1) Natural Products (Int. M.Sc., Chem.) 2) Physics of Modern Science (Int. M.Sc., Physics) 3) Fourier Series and PDE (Int. M.Sc., Mathematics)
	09.09.2020 (Wednesday)	3.15 PM to 5.15	1) Analytical Instrumental Methods (Int. M.Sc., Chemistry)

		PM	2) Digital Systems and Applications (Int. M.Sc., Physics) 3) Elementary Differential Geometry (Int. M.Sc., Math.)
8 <sup>TH</sup> SEMESTER	01.09.2020 (Tuesday)	3.15 PM to 5.15 PM	1) Basic Electronics (Int. M.Sc., Physics) 2) Analytical Chemistry (Int. M.Sc., Chem.) 3) Measure Theory & Integration (Int. M.Sc., Mathematics)
	03.09.2020 (Thursday)	3.15 PM to 5.15 PM	1) Statistical Mechanics (Int. M.Sc., Phy.) 2) Organic Reaction Mechanism (Int. M.Sc., Chem.) 3) Ordinary Differential Equations (Int. M.Sc., Math.)
	05.09.2020 (Saturday)	3.15 PM to 5.15 PM	1) Electrodynamics- I (Int. M.Sc., Phy.) 2) Surface Chemistry & Nuclear Chemistry (Int. M.Sc., Chemistry) 3) Numerical Analysis (Int. M.Sc., Math.)
	07.09.2020 (Monday)	3.15 PM to 5.15 PM	1) Quantum Mechanics – II (Int. M.Sc., Physics) 2) Stereochemistry (Int. M.Sc., Chemistry) 3) Mathematical Modeling (Int. M.Sc., Math.)
	08.09.2020 (Tuesday)	3.15 PM to 5.15 PM	1) Computational Techniques in Physics (Int. M.Sc., Phy.) 2) Spectroscopy-I (Int. M.Sc., Chemistry) 3) Statistical Method (Int. M.Sc., Math.)

### 8th SEMESTER

(Dual Degree- Civil, Electrical)

DATE & DAY	TIME	SUBJECT(S)
31.08.2020 (Monday)	11.45 AM to 1.45 PM	1) Estimation and Professional Practice (B.Tech., CE) 2) High Voltage Engineering (B.Tech., EE)
02.09.2020 (Wednesday)	11.45 AM to 1.45 PM	1) Construction Management (B.Tech., CE) 2) Non-Conventional Energy Sources (B.Tech., EE)
03.09.2020 (Thursday)	3.15 PM to 5.15 PM	1) Advanced Design of Steel Structures (M.Tech., CE-SE) 2) Power System Optimization (M.Tech., EE-PSE)
05.09.2020 (Saturday)	3.15 PM to 5.15 PM	1) Advanced Reinforced Concrete Design (M.Tech., CE-SE) 2) Power System Dynamics (M.Tech., EE-PSE)
07.09.2020 (Monday)	3.15 PM to 5.15 PM	1) Structural Dynamics (M.Tech., CE-SE) 2) FACTS Modeling Control & Applications (M.Tech., EE-PSE)

Sd/-

Controller of Examinations

VSSUT, BURLA

Dt.: 18/08/2020

Memo No. : VSSUT/Exams./ 288(35) /2020,

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