

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

NOTICE

No. VSSUT/Exams./ 2677 / 2022,

Dated: 28.11.2022

The ODD End Semester Examinations of 1st Semester M.Tech./ M.Sc./ Int. M.Sc., 3rd Semester B.Tech./ B.Arch./ M.Tech./ MCA/ M.Sc./ Int. M.Sc., 5th Semester B.Tech./ DD/ B.Arch./ Int. M.Sc., 7th Semester B.Tech./ DD/ B.Arch./ Int. M.Sc., 9th Semester Int. M.Sc. and Ph.D. Course work of Academic Session **2022-23** will be conducted from dt. **12.12.2022**.

All Candidates are requested to go through the programme in detail. If any discrepancy found, then report to the Examination Section as early as possible preferably on or before dt. **05.12.2022**.

The detailed Semester, Date & Time, Day, and Subjects for the above courses are as given below.

PROGRAMME FOR B.ARCH.

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3 RD SEMESTER	12.12.2022 2.30 PM to 5.00 PM	Monday	Structural Analysis
	14.12.2022 2.30 PM to 5.00 PM	Wednesday	History of Architecture- II
	16.12.2022 2.30 PM to 5.00 PM	Friday	Water Supply & Sanitation
	20.12.2022 2.30 PM to 5.00 PM	Tuesday	Climatology
5 TH SEMESTER	13.12.2022 9.30 AM to 12.00 Noon	Tuesday	Design of Steel Structures
	15.12.2022 9.30 AM to 12.00 Noon	Thursday	Environment and Behaviour
	17.12.2022 9.30 AM to 12.00 Noon	Saturday	History of Architecture-IV
	20.12.2022 9.30 AM to 12.00 Noon	Tuesday	Acoustics
	22.12.2022 9.30 AM to 12.00 Noon	Thursday	Landscape Architecture
7 TH SEMESTER	14.12.2022 9.30 AM to 12.00 Noon	Wednesday	Introduction to Urban Design
	16.12.2022 9.30 AM to 12.00 Noon	Friday	Green Buildings and Infrastructure
	19.12.2022 9.30 AM to 12.00 Noon	Monday	Advanced Building Systems and Services
	21.12.2022 9.30 AM to 12.00 Noon	Wednesday	Green Building (Open Elective)

PROGRAMME FOR MCA

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3 RD SEMESTER	12.12.2022 2.30 PM to 5.00 PM	Monday	Programming with Java
	14.12.2022 2.30 PM to 5.00 PM	Wednesday	Compiler Design
	16.12.2022 2.30 PM to 5.00 PM	Friday	Soft Computing/Real Time Systems
	20.12.2022 2.30 PM to 5.00 PM	Tuesday	Machine Learning/ Internet of Things

3RD SEMESTER (B. Tech. / DD)

DATE & TIME	DAY	SUBJECT(S)
12.12.2022 2.30 PM to 5.00 PM	Monday	1) Mathematics- III (All Branches)
14.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Economics for Engineers (ME, ETC, CSE, IT, PE, MME, ChE) 2) Organizational Behaviour (CE, EE, EEE)
16.12.2022 2.30 PM to 5.00 PM	Friday	1) Environmental Science & Engineering (CE) 2) Basic Thermodynamics (ME) 3) Instrumentation & Sensors (EE) 4) Network Theory (EEE) 5) Analog Electronics Circuit (ETC) 6) Object Oriented Programming (CSE) 7) Digital Electronics (IT) 8) Introduction to Physical Metallurgy (M&M) 9) Basic Manufacturing Processes (PE) 10) Coal Processing Technology (ChE)
20.12.2022 2.30 PM to 5.00 PM	Tuesday	1) Mechanics of Materials (CE) 2) Mechanics of Solid (ME) 3) Electrical Machines - I (EE) 4) Analog and Digital Electronics (EEE) 5) Network Theory (ETC) 6) Digital Electronics (CSE) 7) Data Structures (IT) 8) Transport Phenomena (M&M) 9) Thermodynamics (PE) 10) Chemical Process Calculation (ChE)
22.12.2022 2.30 PM to 5.00 PM	Thursday	1) Civil Engineering Materials & Construction (CE) 2) Manufacturing Science & Technology-I (ME) 3) Network Theory (EE) 4) Electrical Machines - I (EEE) 5) Signals & Systems (ETC) 6) Data Structures (CSE) 7) Object Oriented Programming (IT) 8) Metallurgical Thermodynamics & Kinetics (M&M) 9) Material Engineering & Metallurgy (PE) 10) Fluid Mechanics (ChE)

5TH SEMESTER (B.Tech. / DD)

DATE & TIME	DAY	SUBJECT(S)
13.12.2022 9.30 AM to 12.00 Noon	Tuesday	1) Geotechnical Engineering – II (CE) 2) Fluid Dynamics and Hydraulic Machines (ME) 3) Power Electronics (EE) 4) Communication System - I (EEE) 5) Digital Signal Processing (ETC) 6) Operating Systems (CSE) 7) Design and Analysis of Algorithms (IT) 8) Design of Machine Elements (PE) 9) Iron Making (M&M) 10) Heat Transfer (ChE)
15.12.2022 9.30 AM to 12.00 Noon	Thursday	1) Reinforced Concrete Design (CE) 2) Manufacturing Science & Technology – II (ME) 3) Signal & System (EE) 4) Power System – I (EEE) 5) Microprocessor and Microcontroller (ETC) 6) Database Management Systems (CSE) 7) Operating Systems (IT) 8) Inspection & Metrology (PE) 9) Heat Treatment (M&M) 10) Mass Transfer – I (ChE)
17.12.2022 9.30 AM to 12.00 Noon	Saturday	1) Fluid Dynamics (CE) 2) Machine Design – I (ME) 3) Control System – I (EE) 4) Microprocessor & Microcontroller Theory & Applications (EEE) 5) Industrial Electronics (ETC) 6) Computer Architecture (CSE) 7) Web Technology (IT) 8) Tool Design (PE) 9) Deformation Behaviour of Materials (M&M) 10) Chemical Reaction Engineering – I (ChE)
20.12.2022 9.30 AM to 12.00 Noon	Tuesday	1) Advanced Surveying (CE) 2) Machine Dynamics – II (ME) 3) Electric Power Transmission & Distribution (EE) 4) Power Electronics (EEE) 5) Integrated Circuits and Systems (ETC) 6) Computer Graphics (CSE) 7) Cryptographic Foundation (IT) 8) Advanced Casting & Welding/ Measurement & Instrumentation (PE) 9) Powdered Metallurgy and Composite Materials (M&M) 10) Chemical Process Technology (ChE)
22.12.2022 9.30 AM to 12.00 Noon	Thursday	1) Financial Management, Cost Analysis & Ratio Analysis (ETC/IT/ME/MME/PE) 2) Professional Ethics, Professional Laws and Human Values (CE/EE/EEE/ChE/CSE)
24.12.2022 9.30 AM to 12.00 Noon	Saturday	1) Waste Management 2) CAD & CAM/ Power Plant Engineering 3) VLSI Engineering 4) Operating System 5) Data Structure 6) Industrial Pollution Control 7) Mechanical Working of Metallic Materials 8) Introduction to Quantum Computing 9) Microprocessor and Microcontroller Theory & Applications 10) Control System Engineering 11) Maintenance Engineering & Management

PROGRAMME FOR 7TH SEMESTER (B.Tech / DD)

DATE & TIME	DAY	SUBJECT(S)
14.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Transportation Engineering – II (CE) 2) Advanced Mechanics of Solids (ME) 3) High Voltage Engineering (EE/EEE) 4) Satellite Communication/ Information Theory & Coding (ETC) 5) Artificial Intelligence (CSE) 6) Software Project Management (IT) 7) Non-Traditional Machining (PE) 8) Introduction to Surface Engineering (M&M) 9) Mineral Process Engineering (ChE)
16.12.2022 9.30 AM to 12.00 Noon	Friday	1) Estimation & Professional Practice (CE) 2) Metrology, Quality Control and Reliability (ME) 3) Power System Operation and Control (EE) 4) Alternate Energy Sources (EEE) 5) Computer Communication & Networking (ETC) 6) Internet and Web Programming (CSE) 7) Cyber Security (IT) 8) Surface Engineering Principles & Systems / Engineering Ergonomics (PE) 9) Non-Ferrous Extractive Metallurgy (M&M) 10) Petroleum Refinery Engineering(ChE)
19.12.2022 9.30 AM to 12.00 Noon	Monday	1) Structural Analysis - II 2) Refrigeration and Air Conditioning (ME) 3) Power Quality/ Flexible AC Transmission System (EE) 4) Power System- III (EEE) 5) Wave Propagation and Antenna Engineering (ETC) 6) Data Mining (CSE) 7) Artificial Intelligence (IT) 8) Automation & NC Machine (PE) 9) Material Characterization (M&M) 10) Process Simulation and Modeling (ChE)
21.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Renewable Energy 2) Green Building 3) Water Power Engineering 4) Renewable Energy Sources 5) Digital Signal Processing 6) Image Processing 7) Simulation & Modelling 8) Emerging Trends in Manufacturing Technology 9) Introduction to Nano Science & Nano Technology 10) Total Quality System & Engineering

PROGRAMME FOR INT. MSC/ Ph.D. CW

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
1ST SEMESTER INT. M.SC.	13.12.2022 2.30 PM to 5.00 PM	Tuesday	Physics-I (Thermodynamics)
	15.12.2022 2.30 PM to 5.00 PM	Thursday	Chemistry-I
	19.12.2022 2.30 PM to 5.00 PM	Monday	Mathematics-I
	21.12.2022 2.30 PM to 5.00 PM	Wednesday	Environmental Science
3RD SEMESTER INT. M.SC.	12.12.2022 2.30 PM to 5.00 PM	Monday	1) Mathematical Physics – I (Physics/ Math) 2) Physical Chemistry – I (Chemistry)
	14.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Mechanics (Physics/ Mathematics) 2) Organic Chemistry – I (Chemistry)
	16.12.2022 2.30 PM to 5.00 PM	Friday	1) Analog Electronic Systems & Applications (Physics) 2) Inorganic Chemistry – I (Chemistry) 3) Mathematics – III (Mathematics)
	20.12.2022 2.30 PM to 5.00 PM	Tuesday	1) Programming in C (Physics/ Mathematics) 2) Fundamental of Materials Chemistry (Chemistry)
5TH SEMESTER INT. M.SC.	13.12.2022 9.30 AM to 12.00 Noon	Tuesday	1) Nanomaterials and Applications (Physics) 2) Solid State Chemistry (Chemistry) 3) Introduction to Probability & Statistics (Mathematics)
	15.12.2022 9.30 AM to 12.00 Noon	Thursday	1) Quantum Mechanics and Application (Physics) 2) Polymer Chemistry (Chemistry) 3) Hydrodynamics (Mathematics)
	17.12.2022 9.30 AM to 12.00 Noon	Saturday	1) Solid State Physics (Physics) 2) Bio-Inorganic Chemistry (Chemistry) 3) Introduction to Mathematical Methods (Math)
	20.12.2022 9.30 AM to 12.00 Noon	Tuesday	1) Physics of Devices & Communications (Physics) 2) Analytical Instrumentation Methods (Chem.) 3) Elementary Graph Theory (Mathematics)
7TH SEMESTER INT. M.SC.	14.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Mathematical Method (Physics) 2) Group Theory & Quantum Chemistry (Chem.) 3) Real Analysis (Mathematics)
	16.12.2022 9.30 AM to 12.00 Noon	Friday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Differential Equation (Mathematics)
	19.12.2022 9.30 AM to 12.00 Noon	Monday	1) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Linear Algebra (Mathematics)
	21.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Quantum Mechanics – I (Physics) 2) Thermodynamics & Chemical Dynamics (Chemistry) 3) Data Structure Using C(Mathematics)

9th SEMESTER INT. M.SC.	12.12.2022 2.30 PM to 5.00 PM	Monday	1) Electrodynamics – II (Physics) 2) Spectroscopy – II (Chemistry) 3) Functional Analysis (Mathematics)
	14.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Nuclear & Particle Physics (Physics) 2) Environmental Chemistry (Chemistry) 3) Linear Algebra (Int. M.Sc., Math.)
	16.12.2022 2.30 PM to 5.00 PM	Friday	1) Condensed Matter Physics-II (Physics) 2) Photochemistry & Pericyclic Reaction (Chemistry) 3) Partial Differential Equations (Mathematics)
	20.12.2022 2.30 PM to 5.00 PM	Tuesday	1) Atomic and Molecular Physics (Physics) 2) Supramolecular Chemistry (Chemistry) 3) Linear Programming (Mathematics)
	22.12.2022 2.30 PM to 5.00 PM	Thursday	1) Mathematical Physics – II (Physics) 2) Organometallics (Chemistry) 3) Discrete Mathematical Structures (Math.)

PROGRAMME FOR MSC/ Ph.D. CW

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
1ST SEMESTER M.SC.	14.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Mathematical Method (Physics) 2) Group Theory & Quantum Chemistry (Chem.) 3) Real Analysis (Mathematics)
	16.12.2022 9.30 AM to 12.00 Noon	Friday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Differential Equation (Mathematics)
	19.12.2022 9.30 AM to 12.00 Noon	Monday	1) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Linear Algebra (Mathematics)
	21.12.2022 9.30 AM to 12.00 Noon	Wednesday	1) Quantum Mechanics – I (Physics) 2) Thermodynamics & Chemical Dynamics (Chemistry) 3) Data Structure Using C (Mathematics)
3rd SEMESTER M.SC.	12.12.2022 2.30 PM to 5.00 PM	Monday	1) Applications of Spectroscopic Techniques (IC/ OC) 2) Functional Analysis (AM)
	14.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Nuclear and Particle Physics (AP) 2) Supramolecular and Macromolecules (OC) 3) Industrial Process (IC) 3) Abstract Algebra (AM)
	16.12.2022 2.30 PM to 5.00 PM	Friday	1) Condensed Matter Physics (AP) 2) Photochemistry & Pericyclic Reaction (IC/OC) 3) Partial Differential Equations (AM)
	20.12.2022 2.30 PM to 5.00 PM	Tuesday	1) Analytical Chemistry (IC) 2) Disconnection approach in Organic Synthesis (OC) 3) Advanced Experimental Techniques (AP)

1ST SEMESTER (M.Tech. / Ph.D. Course Work)

DATE & TIME	DAY	SUBJECT(S) with BRANCH-SPECILIZATION
13.12.2022 2.30 PM to 5.00 PM	Tuesday	1) Power System Analysis (EE- PSE) 2) Power Electronics Converters-I (EE-PEC) 3) Renewable Power and Control (EE-C&I) 4) Advanced Signal Processing (ETC-CSE) 5) Machine Tool Technology (ME-PE) 6) Applied Elasticity & Plasticity (ME-MDA) 7) Finite Element Modeling in Thermal Engineering (ME-HPE) 8) Advanced Solid Mechanics (CE-SE) 9) Advanced Hydrology (CE-WRE) 10) Pavement Materials Characterization (CE-TE) 11) Stability Analysis of Slopes (CE-GTE) 12) Advanced Thermodynamics and Kinetics of Engineering Materials (MME-IM) 13) Computer Aided Design & Manufacturing (PE-MSE) 14) Advances in Data Structures and Algorithms (Comp. Sc. Engg. -CSE) 15) Water Treatment Technology (Ph.D. CW)
15.12.2022 2.30 PM to 5.00 PM	Thursday	1) Operation & Control of Restructured Power System (EE-PSE) 2) Electric Drives Systems (EE-PEC) 3) Microprocessors and Microcontrollers (EE-C&I) 4) Analog & Digital VLSI Design (ETC- CSE) 5) Advanced Casting & Welding (ME-PE) 6) Mechanical Vibration Analysis (ME-MDA) 7) Advanced Fluid Mechanics (ME-HPE) 8) Advanced Foundation Engineering (CE-GTE) 9) Advanced Fluid Mechanics (CE-WRE) 10) Construction Methods & Equipments (CE-SE) 11) Computational & Statistical Methods in Transportation Engineering (CE-TE) 12) Phase Transformation and Heat Treatment (MME-IM) 13) Manufacturing System Models (PE-MSE) 14) Intrusion Detection Systems (Comp. Sc. Engg.-CSE)
19.12.2022 2.30 PM to 5.00 PM	Monday	1) Power System Management (EE-PSE) 2) Dynamics of Electrical Machine (EE-PEC) 3) Instrumentation & Sensor Technology (EE-C&I) 4) Digital Image & Video Processing (ETC-CSE) 5) Inspection & Quality Assurance (ME-PE) 6) Automatic Control Systems (ME-MDA) 7) Advanced IC Engines (ME-HPE) 8) Advanced Structural Analysis (CE-SE) 9) Advanced Soil Mechanics (CE-GTE) 10) Urban Transportation Planning (CE-TE) 11) Water Resources Systems Planning & Management (CE-WRE) 12) Diffusion in Solids (MME-IM) 13) Rapid Manufacturing Processes (PE-MSE) 14) Advances in Computer Architecture (Comp. Sc. Engg.-CSE) 15) Computer Application Relevant for Research (Ph.D. CW) 16) VLSI Technology (Ph.D. CW)

21.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Distribution System Engineering (EE- PSE) 2) Advanced Control Systems (EE-PEC/ C&I) 3) Advanced Communication Technique (ETC- CSE) 4) Theory of Machining & Grinding (ME-PE) 5) Fatigue, Creep and Fracture (ME-MDA) 6) Conduction and Radiation Heat Transfer (ME-HPE) 7) Civil Engineering Materials (CE-SE) 8) Hydraulic Structures and Hydro Power Engineering (CE-WRE) 9) Traffic Engineering and Management (CE-TE) 10) Ground Water Flow Through Porous Media (CE-GTE) 11) Advanced Joining Technology (MME-IM) 12) Ergonomics and Work Design (PE-MSE) 13) Real Time Systems (Comp. Sc. Engg. -CSE) 14) Waste Water Management (Ph.D. CW)
23.12.2022 2.30 PM to 5.00 PM	Friday	Research Methodology & IPR (M.Tech. & Ph.D. CW)

3RD SEMESTER (M. Tech/ M.Sc. / Ph.D. Course Work)

DATE & TIME	DAY	SUBJECT(S)	SPECIALISATION
14.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Smart Power Grid 2) Machine Learning and AI 3) Environmental Impact Assessment 4) Prestressed Concrete 5) Pavement Construction Maintenance and Management 6) River Engineering 7) RF IC 8) Rapid Prototyping 9) Applied Finite Element method 10) Computational Gas Dynamics 11) Internet of Things 12) Finite Element Analysis in Manufacturing 13) Environmental Degradation & Corrosion	PSE/ PEC C&I GTE SE TE WRE VLSISP PE MDA HPE CSE MSE IM
16.12.2022 2.30 PM to 5.00 PM	Friday	1) Renewable Energy & Energy Harvesting 2) Machine Learning 3) Smart Materials 4) Sustainable Manufacturing 5) Maintenance Engineering & Management	Open Elective

7th SEMESTER (Dual Degree - Civil)

DATE & TIME	DAY	SUBJECT(S)
13.12.2022 2.30 PM to 5.00 PM	Tuesday	Advanced Solid Mechanics (CE)
19.12.2022 2.30 PM to 5.00 PM	Monday	Advanced Structural Analysis (CE)

9th SEMESTER (Dual Degree - Civil, Electrical)

DATE & TIME	DAY	SUBJECT(S)
15.12.2022 2.30 PM to 5.00 PM	Thursday	Construction Methods & Equipment (CE)
19.12.2022 2.30 PM to 5.00 PM	Monday	Dynamics of Electrical Machines (EE)
21.12.2022 2.30 PM to 5.00 PM	Wednesday	1) Civil Engineering Materials (CE) 2) Distribution System Engineering (EE)

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Controller of Examinations

Memo No. : VSSUT/Exams./ 2678 (35) /2022,

Dt.: 28.11.2022

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

Sd/-

Controller of Examinations