



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA, ODISHA

ବୀର ସୁରେନ୍ଦ୍ର ସାଏ ଟେକ୍ନୋଲୋଜି ବିଶ୍ୱବିଦ୍ୟାଳୟ

(A UGC Recognized State Government University by an Act of Assembly, Estd. -1956)

Siddhi Vihar, Burla, Sambalpur -768018

No. VSSUT/Exams. / **630** / 2025

Dated:13.06.2025

NOTICE

The Supplementary/Backlog Examination for all semesters and all courses for the Academic Session 2024-25 will be held from 23/06/2025. The tentative examination schedule is as follows.

All candidates who have registered for the examination are advised to go through the examination schedule in detail and report any discrepancy to the Examination Section in person or mail to the undersigned (email: coe@vssut.ac.in)

The detailed schedule, including Date, Time, Courses, and subjects, is given as follows.

Date	Semester/Programme/Subject Time (7.30AM to 10.00 AM)	Semester/Programme/Subject Time (10.30 AM to 1.00 PM)
23.06.2025 (Monday)	<u>7th Sem B.Tech</u> 1) Structural Analysis-II (CE) 2) Metrology Quality Control and Reliability (ME) 3) Power System Operation and Control (EE) 4) Alternate Energy Sources (EEE) 5) Artificial Intelligence (CSE/IT)	<u>8th Sem B.Tech</u> 1) Prestressed Concrete (CE) 2) Embedded System (EE) 3) Advanced Communication Systems (ETC) 4) Advanced Antenna Technology (ETC) 5) Advanced operating System (IT) 6) Automobile Engineering (ME) 7) Colloidal & Interfacial Engineering (CH) (Old Syllabus) 8) Bio Energy Engineering (Old Syllabus)

24.06.2025 (Tuesday)	<u>5th B.Tech</u> 1) Fluid Dynamics (CE) 2) Machine Design – I (ME) 3) Microprocessor and Microcontroller Theory & Applications (EEE) 4) Integrated Circuit & Systems (ETC) 5) Computer Architecture (CSE) 6) Tool Design (PE) 7) Deformation Behavior of Materials (MME) 8) Chemical Reaction Engineering (ChE) <u>4th B.Tech</u> 1) Deformation Behavior of Materials (MME) (Old Syllabus) 2) Signals and Systems (EEE) 3) Signals and Systems-I (EEE)	<u>6th B.Tech</u> 1) Mass Transfer–II(CH) 2) Steel Structures (CE) 3) Software Engineering (CSE) 4) Communication Systems-II(EEE) 5) Microprocessor and Microcontroller (EE) 6) Wireless and Mobile Communication (ETC) 7) Software Engineering (IT) 8) Machine Design-II(ME) 9) Casting Processes & Solidification (MME)
25.06.2025 (Wednesday)	<u>B.Tech(Both 1st & 2nd Sem)</u> Basic Manufacturing Processes	<u>B.Tech(Both 1st & 2nd Sem)</u> Basic Civil Engineering
		<u>6th Sem B.Arch.</u> Human Settlement Planning and Housing
26.06.2025 (Thursday)	<u>7th Sem B.Tech</u> 1) Transportation Engineering-II (CE) 2) Power Quality (EE) 3) Power System- III(EEE) 4) Information Theory & Coding/ Satellite Communication (ETC) 5) Machine Learning (IT)	<u>8th Sem B.Tech</u> 1) Wastewater Management (CH) 2) Construction Management (CE) 3) DSP Architecture (ETC) 4) Mechanical Engg. Instrumentation and Control (ME) 5) Smart Power Grid (EE) (Old Syllabus) 6) Advanced Computer Architecture (IT) (Old Syllabus) <u>6th Sem B.Arch.</u> 1) HVAC Systems
30.06.2025 (Monday)	<u>3rd Sem B.Tech</u> 1) Mechanics of Material (CE) 2) Mechanics of Deformable Solids (ME) 3) Mechanics of Solids(ME)(Old Syllabus) 4) Network Theory (EE) 5) Network Theory(ETC)(Old syllbus) 6) Data Structures (CSE/IT) 7) Transport Phenomena (MME) 8) Mechanics of Materials (PE)	<u>1st Semester B.Tech</u> Mathematics-I(All)

	9) Fuel and Combustion (ChE) 10) Manufacturing Science and Technology-I(ME)(Old Syllabus)	
	<u>5th Sem B.Arch.</u> 1) Environment and Behavior	<u>6th Sem B.Arch.</u> 2) Theory of Design
Date	Semester/Programme/Subject Time (9.30AM to 12.00 Noon)	Semester/Programme/Subject Time (2.30 PM to 5.00 PM)
01.07.2025 (Tuesday)	<u>7th Sem B.Tech</u> 1) Estimation & Professional Practice (CE) 2) Advanced Mechanics of Solid (ME) 3) High Voltage Engineering (EE/EEE) 4) Wave Propagation & Antenna Engineering (ETC) 5) Cyber Security (IT) 6) Process Simulation and Modelling (ChE)	<u>8th Sem B.Tech(OE)</u> 1) Optimization Techniques 2) Machine Learning 3) Data Mining 4) Audio & Video Systems
	<u>5th Sem B.Arch.</u> History of Architecture-IV	<u>5th Sem B.Arch.</u> Acoustics
02.07.2025 (Wednesday)	<u>5th Sem B.Tech</u> 1) Advanced Surveying (CE) 2) Machine Dynamics – II (ME) 3) Electric Power Transmission & Distribution (EE) 4) Power Electronics (EEE) 5) Industrial Electronics (ETC) 6) Formal Language and Automata Theory (IT) 7) Operating Systems (CSE) 8) Powder Metallurgy and Composite Materials (MME) 9) Heat Transfer (ChE) 10) Industrial Waste treatment (CE) (Old Syllabus) 11) Control Systems (ETC) (Old Syllabus) 12) Introduction to Quantum Computing	<u>6th Sem B.Tech</u> 1) Process Equipment Design (CH) 2) Water Resources Engineering (CE) 3) Mechanics of Composite of Materials (CE) 4) Compiler Design (CSE) 5) Control System Engineering (EEE) 6) Control System-II(EE) 7) Electronic Instrument and Measurement (ETC) 8) Computer Graphics & Multimedia (IT) 9) Heat Transfer (ME) 10) Cloud Computing (Old Syllabus) 11) Digital Circuits & Design (EEE) (Old Syllabus)
	<u>5th Sem Int. M.Sc.</u> Solid State Chemistry (Chemistry)	<u>6th Sem Int. M.Sc.</u> 1) Statistical Mechanics (Physics) 2) Elementary Differential Geometry (Mathematics)

	<u>5th Sem B.Arch.</u> Design of Steel Structures	<u>6th Sem B.Arch.</u> Estimation Valuation and Specification
	<u>1st Sem M.Tech & Ph.D CW</u> 1) Advanced Solid Mechanics (CE-SE) 2) Advanced Hydrology (CE-WRE) 3) Power System Analysis (EE-PSE/Ph.D CW) 4) Applied Elasticity and Plasticity (ME- MDA)	<u>2nd Sem M.Tech & Ph.D CW</u> 1) Advanced Design of Steel Structures (CE-SE) 2) Highway Construction Practice (CE-TE) 3) Power System Dynamics (EE-PSE) 4) VLSI Signal Processing (ETC-VLSI)
	<u>1st Sem M.Sc & 7th Int. M.Sc</u> 1) Mathematical Method (Physics) 2) Group Theory and Quantum Chemistry (Chem)	<u>2nd Sem M.Sc & 8th Int. M.Sc & 9th Int. M.Sc.</u> 1) Atomic, Molecular Physics & Spectroscopy (Physics) 2) Organometallics (Chemistry)(New & Old Syllabus) 3) Measure Theory and Integration (Mathematics)
03.07.2025 (Thursday)	<u>3rd Sem B.Tech.</u> Mathematics- III (All Branches)	<u>9th Int. M.Sc.</u> 1) Spectroscopy-II (Old Syllabus)
	<u>3rd Sem B.Arch.</u> 1. Climatology	<u>4th Sem B.Arch.</u> 1. Lighting and Electrical Services
	<u>3rd Sem MCA</u> 1. Programming with Java	<u>2nd semester B.Tech</u> 1) English for business communication(old course)
	<u>3rd Sem M.Tech & Ph.D CW</u> 1. Artificial Intelligence & Soft Computing 2. Advanced Maintenance Technology(PE)	
	<u>3rd Sem M.Sc. & 9th Int. M.Sc.</u> 1) Functional Analysis (Mathematics)	<u>10th Int. M.Sc.</u> 1. LASER Physics (Physics)

	<u>3rd Sem Int. M.Sc.</u> 1) Mathematical Physics – I (Physics/Math) 2) Physical Chemistry – I (Chemistry)	<u>4th Sem Int. M.Sc.</u> 1) Green Chemistry (Chemistry)
	<u>5th Sem B.Tech</u> 1. Geotechnical Engineering – II (CE) 2. Fluid Dynamics and Hydraulic Machines (ME) 3. Power Electronics (EE) 4. Communication System - I (EEE) 5. Microprocessor & Microcontroller (ETC) 6. Simulation & Modeling (CSE) 7. Operating System (IT) 8. Iron Making (MME) 9. Chemical Process Technology (ChE) 10. Computer Graphics (CSE) (Old Syllabus)	<u>6th Sem B.Tech</u> 1. Transport Phenomena (CH) 2. Hydraulic Structure (CE) 3. Cyber Security (CSE) 4. Power System-II (EEE) 5. Electric Drives and Traction (EE) 6. Digital Image Processing (ETC) 7. Soft Computing (IT) 8. Industrial Engineering & Operations Research (ME) 9. Materials Testing (MME) 10. Machine Learning (CSE) (Old Syllabus)
04.07.2025 (Friday)	<u>1st & 2nd Sem B.Tech</u> 1. Basic Electrical Engineering (Both 1 st & 2 nd Sem)	<u>1st & 2nd Sem B.Tech</u> 1. Basic Electronics (Both 1 st & 2 nd Sem)
	<u>3rd Sem B.Arch.</u> 1. Structural Analysis	
	<u>1st Sem M.Tech & Ph.D. CW</u> 1) Construction Methods and Equipment's (CE-SE) 2) Computational & Statistical Methods in Transportation Engineering (CE-TE) 3) Advanced Fluid Mechanics (CE-WRE) 4) Operation and Control of Restructured Power Systems (EE-PSE/Ph.D. CW) 5) Advanced Signal Processing (ETC-VSP) 6) Advance Casting and Welding (ME-PE/Ph.D. CW)	<u>2nd Sem M.Tech & Ph.D. CW</u> 1) Pavement Analysis & Design (CE-TE) 2) Advanced networking (CSE-CSE) 1) High Level VLSI Design (PE-III) (ETC-VLSI) 3) Advanced Concept in Steel Making (MME-IM) 4) Computer Aided Design & Manufacturing (ME-PE)
	<u>1st Sem B.Arch.</u> 1) Introduction to Architecture 2) Applied Mathematics	<u>2nd Sem B.Arch.</u> Structural Mechanics

	<u>3rd Sem M.Sc. & 9th Int. M.Sc.</u> 1) Applications of Spectroscopic Techniques (Chemistry)	<u>2nd Sem M.Sc. & 8th Int. M.Sc.</u> 1) Statistical Mechanics (Physics) 2) Organic Reaction Mechanism (Chemistry) 3) Topology (Mathematics)
	<u>5th Sem B.Tech</u> 1) Reinforced Concrete Design (CE) 2) Manufacturing Science & Technology – II (ME) 3) Signals & Systems (EE) 4) Power System – I (EEE) 5) Digital Signal Processing (ETC) 6) Database Management System (CSE) 7) Heat Treatment (MME) 8) Mass Transfer – I (ChE)	<u>6th Sem B.Tech</u> 1) Process Dynamics & Control (CH) 2) Transportation Engineering- I(CE) 3) Computer Networks (CSE) 4) Switchgear and Protection (EE) 5) Microwave Engineering (ETC) 6) Compiler Design (IT) 7) Internal Combustion Engine & Gas Turbine (ME) 8) Steel Making (MME) 9) Urban Drainage & sewerage System (CE) (Old Syllabus)
05.07.2025 (Saturday)	<u>3rd B.Tech</u> 1) Fluid Mechanics (CE) 2) Engineering Materials and Metallurgy (ME) 3) Network Theory (EEE) 4) Basic Communication Engineering (ETC) 5) Database Engineering (CSE/IT) (3 rd & 4 th B.Tech) 6) Metallurgical Thermodynamics & Kinetics (MME) 7) Materials Engineering & Metallurgy (PE) 8) Chemical Process Technology (ChE)	<u>4th B.Tech</u> 1) Artificial Intelligence and Machine Learning 2) Programming in Python(CSE)
	<u>3rd Sem M.Sc. & 9th Int. M.Sc.</u> 1) Condensed Matter Physics (Physics) 2) Supramolecular and Macromolecules (Chemistry) 3) Partial Differential Equation (Mathematics)	<u>4th Sem M.Sc.</u> 1) Cryptography (Mathematics)
	<u>9th Int. M.Sc.</u> 1) Supramolecular Chemistry (Old Syllabus)	<u>4th B.Tech</u> 1) Materials Engineering (ME) (Old Syllabus) 2) Machine Design -I (ME) (Old Syllabus)

	<u>3rd Sem Int. M.Sc.</u> 1) Mechanics (Physics/Math) 2) Organic Chemistry – I (Chemistry)	<u>4th Sem Int. M.Sc.</u> 1) Elements of Modern Physics (Physics) 2) Physical Chemistry-II(Chemistry)
	<u>5th Sem B.Arch.</u> 1) Landscape Architecture <u>4th B.Tech</u> 1) Fundamental of Fluid Mechanics (ME) (Old Syllabus)	<u>4th B.Tech</u> 1) Civil Engineering Materials & Constructions (CE) (Old Syllabus)
07.07.2025 (Monday)	<u>5th and 6th Sem B.Tech</u> 1) Financial Management, Cost Analysis & Ratio Analysis 2) Professional Ethics, Professional Laws and Human Values	<u>5th Sem Int. M.Sc.</u> 1) Introduction to Mathematical Methods (Math)
	<u>5th Sem Int. M.Sc.</u> 1) Polymer Chemistry (Chemistry)	
	<u>4th Sem B.Tech.</u> 1) Transportation Engineering-I (CE) 2) Digital System Design (ETC) 3) Discrete Mathematics (CSE/IT) 4) Numerical Methods in Engineering (ChE, ME) 5) Measurement and Instrumentation (EE) 6) Phase Transformation (MME) 7) Theory of Metal Cutting (PE) 8) EMFT & Transmission Lines (ETC) (Old Syllabus) 9) Electrical Power Generation Systems (EE) (Old Syllabus) 10) Strength of Materials (PE) (Old Syllabus) 11) Design & analysis of algorithms (CSE) (Old Syllabus)	
	<u>1st Sem M.Tech & Ph.D. CW</u> 1) Advanced Structural Analysis (CE-SE/Ph.D. CW) 2) Urban Transportation Planning (CE-TE) 3) Inspection & Quality Assurance (MEPE/Ph.D. CW)	

	<u>1st Sem M.Sc. & 7th Sem Int. M.Sc.</u> 1) Structure and Reactivity (Chemistry) <u>1st Sem Int. M.Sc.</u> 1) Chemistry –I (Physics/Chemistry/Math)	
08.07.2025 (Tuesday)	<u>B.Tech</u> 1) C & Data Structures (1st & 2nd Sem B. Tech)	<u>B.Tech</u> 1) Engineering Mechanics (1st & 2nd Sem B.Tech)
	<u>1st Sem M.Tech & Ph.D CW</u> 1) Distribution System Engineering (EEPSE/Ph.D. CW) 2) Analog & CMOS VLSI Design (ETC-VSP)	<u>2nd Sem M.Tech & Ph.D CW</u> 1) Structural Dynamics (CE-SE) 2) Planning and Design of Airports (CE-TE) 3) Special Electrical Machines (EE-PEC) 4) DSP Architecture (ETC- VLSI) 5) Surface Engineering (ME-PE)
	<u>1st Sem M.Sc. & 7th Sem Int. M.Sc.</u> 1) Quantum Mechanics – I (Physics) 2) Thermodynamics and Chemical Dynamics (Chemistry)	<u>2nd Sem M.Sc. & 8th Sem Int. M.Sc.</u> 1) Electrodynamics (Physics) 2) Molecular Spectroscopy (Chemistry) 3) Numerical Analysis (Mathematics)
	<u>5th Int. M.Sc.</u> 1) Physics of Devices & Communication (Physics) 2) Analytical Instrumentation Methods (Chem)	<u>2nd Sem Int. M.Sc.</u> Chemistry–II
		<u>6th Sem Int. M.Sc.</u> 1) Principles of Inorganic Chemistry (Chemistry)
09.07.2025 (Wednesday)	<u>3rd Sem B.Tech.</u> 1) Geotechnical Engineering - I (CE) 2) Basic Thermodynamics (ME) 3) Electrical Machines-I (EE/EEE) 4) Analog Electronic Circuits (ETC) 5) Digital Logic Design (CSE/IT) 6) Introduction to Physical Metallurgy (MME) 7) Thermal and Fluids Engineering (PE) 8) Fluid Mechanics (ChE) 9) Digital Electronics (CSE) (Old Syllabus) 10) Signals & Systems (ETC) (Old Syllabus) 11) Analog and Digital Electronic	<u>4th Sem B.Tech.</u> 1) Mechanical Operations (CH) 2) Surveying and Geomatics (CE) 3) Computer Organization & Architecture (CSE/IT) 4) Power Generation Transmission and Distribution (EE) 5) Advanced Communication Engineering (ETC) 6) Machine Element and System Design (ME) 7) Mineral Processing (MME) 8) Theory of Machine (PE) 9) Analog & Digital Electronics Circuit (EE) (Old Syllabus)

	Circuit(ETC)(Old Syllabus) 12)Instrumentation And Sensor(EE)(Old Syllabus)	
		<u>3rd Sem Int. M.Sc.</u> 1) Inorganic Chemistry -I(Chemistry)
	<u>2nd Sem M.Tech & Ph.D CW</u> 1) Finite Element Method(CE-SE) 2) VLSI Design Verification & Testing (PE-IV) (ETCVLSI) 3) Non-Traditional Manufacturing Process(ME-PE)	<u>2nd Sem M.Sc. & 8th Int M.Sc.</u> 1) Quantum Mechanics–II(Physics) 2) Stereochemistry (Chemistry) <u>2nd Sem Int. M.Sc</u> 1)Mathematics-II
10.07.2025 (Thursday)	<u>5th Sem B.Tech (open elective)</u> 1) Waste Management (CE) (OE) 2) VLSI Engineering (ETC) (OE) 3) Control System Engineering (EE) (OE)	<u>6th Sem B.Tech (open elective)</u> 1) Project Management 2) Advanced Manufacturing Technology 3) Characterization Techniques 4) Elements of Power Electronics 5) MEMS 6) Operating System
		<u>4th Sem Int M.Sc.</u> 1) Organic Chemistry-II(Chemistry) 2) Economics & Costing (Mathematics)
	<u>1st/2nd semester B Tech</u> 1)Programming for Problem Solving(old Syllabus)	<u>3rd Sem M.Tech</u> 1) Material Recycling and Waste Management (MME)
	<u>3rd Sem Int M.Sc.</u> 1) Fundamental of Materials Science (Chemistry)	<u>6th Sem Int. M.Sc.</u> 1) Electromagnetic Theory (Physics)
11.7.2025 (Friday)	<u>B.Tech</u> 1) Physics (B.Tech.) (1 st and 2 nd semester B.Tech) (Old & new Syllabus)	<u>B.Tech</u> 1) Chemistry (B.Tech.) (1 st and 2 nd semester B.Tech)
	<u>3rd Sem B.Tech</u> 1) Optimization and Soft Computing	<u>4th Sem B.Tech</u> 1) Chemical Process Calculation (CH) 2) Structural Analysis -I(CE) 3) Electrical Machines – II (EEE) 4) Electrical Machines-II(EE) 5) Electromagnetics (ETC) 6) Kinematics and Dynamics of Machines (MD I) (ME) 7) Unit Process and Principle of Extraction (MME) 8)Structural Analysis -I(CE)

		<u>3rd Sem B.Tech</u> 1) Chemical Process calculation (Ch) (Old Syllabus)
	<u>4th Sem Int M.Sc.</u> 1) Mathematics -IV	<u>4th Sem B.Tech</u> 1) Mathematics -IV (Old Syllabus)
14.07.2025 (Monday)	<u>4th Sem B.Tech</u> 1) Chemical Engineering Thermodynamics (CH) 2) Geotechnical Engineering-II (CE) 3) Computer Networks (CSE/IT) 5) Power Electronics (EE) 6) Electronics Instrumentation (ETC) 7) Fluid Mechanics (ME) 8) Manufacturing Technology-I (PE) 9) Geotechnical Engineering-I (CE) 10) Principles of analog and digital communication (ETC)(Old Syllabus) 11) Theory of Computation (CSE) (Old Syllabus) 12) Advanced Electronics Circuit (ETC) (Old Syllabus) 13) Signals & Systems (ETC) (Old Syllabus)	<u>3rd & 4th Sem B.Tech</u> 1) Economics for Engineers 2) Organizational Behavior
15.07.2025 (Tuesday)	<u>B.Tech</u> 1) English for Technical Writing (1 st and 2 nd semester B.Tech)	<u>B.Tech</u> 1) Universal Human Values (1 st and 2 nd semester B.Tech)
	<u>1st Sem MCA</u> 1) Database Engineering	<u>2nd Sem MCA & Ph.D. CW</u> 1) Object Oriented Programming Using C++ 2) Software Engineering
16.07.2025 (Wednesday)	<u>2nd Semester B.Tech</u> Mathematics-II(All)	<u>2nd Sem MCA & Ph.D. CW</u> 1) Design and Analysis of Algorithms
	<u>6th Sem Int M.Sc.</u> 1) Natural Products (Chemistry)	
	<u>Ph.D. CW</u> 1) Structural Dynamics(CE) 2) Mechanical Vibration Analysis(ME) 3) Dynamics of Electrical Machines(EE) 4) Numerical Analysis(Mathematics)	<u>1st Sem MCA</u> 1) Data Structure Using 'C' <u>3rd Sem B.Tech</u> 1) Programming in Python <u>1st Semester M.Tech/P.hD course Work</u>

	5)Ground Water Hydrology(CE)	1)Research Methodology and IPR
	<u>7th Sem B.Arch.</u> 1) Introduction to Urban Design <u>3rd Sem B.Tech</u> 1) Object Oriented Programming (CSE/IT) 2) Environmental science and engineering (CE) (OLD Syllabus)	<u>7th Sem B.Tech (OE)</u> 1) Green Building (CE) 2) Image Processing (ETC) 3) Simulation & Modelling (IT) 4) Emerging Trends in Manufacturing Technology (ME)

Sd/
Controller of Examinations
VSSUT, BURLA

Memo No.: VSSUT/Exams. /631 /2025

Dt.: 13.06.2025

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

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