



VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY BURLA, ODISHA

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

Siddhi Vihar, Burla, Sambalpur -768018

No. VSSUT/Exam./ 5637 / 2024

Dated: 06/11/2024

NOTICE

The **Revised End Semester Examination** of B.Tech./ B.Arch./ (3rd /5th/ 7th Sem.), M.Tech (1st/3rd Sem), MCA (3rd Sem), M.Sc. (1st /3rd Sem.), Int. M.Sc. (1st /3rd /5th/ 7th & 9th Sem.) and Ph.D. Course Work of Academic Session 2024-25 will be conducted from 18.11.2024. The detailed schedule is as follows:

Please note that all changes against the previous programme are made in bold within the following programme table.

PROGRAMME FOR B.ARCH.

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3 RD SEMESTER	18.11.2024 9:30 AM to 12:00 AM	Monday	Structural Analysis
	20.11.2024 9:30 AM to 12:00 AM	Wednesday	History of Architecture- II
	22.11.2024 9:30 AM to 12:00 AM	Friday	Water Supply & Sanitation
	26.11.2024 9:30 AM to 12:00 AM	Tuesday	Climatology
5 TH SEMESTER	19.11.2024 9:30 AM to 12:00 AM	Tuesday	Design of Steel Structures
	21.11.2024 9:30 AM to 12:00 AM	Thursday	Environment and Behavior
	25.11.2024 9:30 AM to 12:00 AM	Monday	History of Architecture-IV
	27.11.2024 9:30 AM to 12:00 AM	Wednesday	Acoustics
	29.11.2024 9:30 AM to 12:00 AM	Friday	Landscape Architecture
7 TH SEMESTER	20.11.2024 2:30 PM to 05:00 PM	Wednesday	Introduction to Urban Design
	26.11.2024 2:30 PM to 05:00 PM	Tuesday	Green Buildings and Infrastructure
	28.11.2024 2:30 PM to 05:00 PM	Thursday	Advanced Building Systems and Services

PROGRAMME FOR MCA/Ph.D Course work

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3 RD SEMESTER	18.11.2024 9:30 AM to 12:00 AM	Monday	Programming with Java
	20.11.2024 9:30 AM to 12:00 AM	Wednesday	Compiler Design
	22.11.2024 9:30 AM to 12:00 AM	Friday	Real Time Systems
	26.11.2024	Tuesday	Machine Learning

9:30 AM to 12:00 AM

PROGRAMME FOR B. TECH. 3rd SEMESTER

DATE & TIME	DAY	SUBJECT(S)
18.11.2024 9:30 AM to 12:00 AM	Monday	1) Mathematics- III (All Branches)
20.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Economics for Engineers (EE, EEE, CSE, IT, ETC) 2) Organizational Behaviour (ME, MME, PE, CE, ChE)
22.11.2024 9:30 AM to 12:00 AM	Friday	1) Optimization and Soft Computing (ETC, EE, EEE) 2) Programming in Python (ChE, MME, ME, CE, PE) 3) Object Oriented Programming (CSE/IT)
26.11.2024 9:30 AM to 12:00 AM	Tuesday	1) Mechanics of Material (CE) 2) Mechanics of Deformable Solids(ME) 3) Network Theory (EE) 4) Analog Electronics Circuit (EEE) 5) Network Analysis & Synthesis (ETC) 6) Data Structures (CSE/IT) 7) Transport Phenomena (MME) 8) Mechanics of Materials (PE) 9) Fuel and Combustion (ChE)
28.11.2024 9:30 AM to 12:00 AM	Thursday	1) Fluid Mechanics (CE) 2) Engineering Materials and Metallurgy (ME) 3) Analog and Digital Electronic Circuits (EE) 4) Network Theory (EEE) 5) Basic Communication Engineering (ETC) 6) Database Engineering (CSE/IT) 7) Metallurgical Thermodynamics & Kinetics (MME) 8) Materials Engineering & Metallurgy (PE) 9) Chemical Process Technology (ChE)
30.11.2024 9:30 AM to 12:00 AM	Saturday	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)

PROGRAMME FOR B. TECH. 5th SEMESTER

DATE & TIME	DAY	SUBJECT(S)
19.11.2024 9:30 AM to 12:00 AM	Tuesday	1) Financial Management, Cost Analysis & Ratio Analysis (ME, MME, PE, ETC, IT) 2) Professional Ethics, Professional Laws and Human Values (EE, EEE, CSE, CE, ChE)
21.11.2024 9:30 AM to 12:00 AM	Thursday Open Elective	1) Waste Management (CE) (OE) 2) CAD & CAM/ Power Plant Engineering (ME)(OE) 3) VLSI Engineering (ETC) (OE) 4) Object Oriented Programming (IT) (OE) 5) Mechanical Working of Metallic Materials (MME) (OE) 6) Control System Engineering (EE) (OE)

		7) Maintenance Engineering & Management (PE) (OE) Industrial Pollution Control (ChE)
25.11.2024 9:30 AM to 12:00 AM	Monday	1) Fluid Dynamics (CE) 2) Machine Design – I (ME) 3) Control System – I (EE) 4) Microprocessor and Microcontroller Theory & Applications (EEE) 5) Integrated Circuit & Systems (ETC) 6) Computer Architecture (CSE) 7) Design & Analysis of Algorithms (IT) 8) Tool Design (PE) 9) Deformation Behavior of Materials (MME) 10) Chemical Reaction Engineering – I (ChE)
27.11.2024 9:30 AM to 12:00 AM	Wednesday	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) Advanced Casting & Welding/ Production Planning and Control (PE) 9) Powder Metallurgy and Composite Materials (MME) 10) Heat Transfer (ChE)
29.11.2024 9:30 AM to 12:00 AM	Friday	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) Design of Machine Elements (PE) 9) Iron Making (MME) 10) Chemical Process Technology (ChE)
02.12.2024 9:30 AM to 12:00 AM	Monday	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) Web Technology (IT) 8) Inspection & Metrology (PE) 9) Heat Treatment (MME) 10) Mass Transfer – I (ChE)

PROGRAMME FOR B. TECH. 7th SEMESTER

26.11.2024 2:30 PM to 05:00 PM	Tuesday Open Elective	1) Green Building (CE) 2) Renewable Energy (ChE) 3) Renewable Energy Sources (EE) 4) Digital Signal Processing (EEE) 5) Image Processing (ETC) 6) Simulation & Modelling (IT)
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		7) Emerging Trends in Manufacturing Technology (ME) 8) Introduction to Nano Science & Nano Tecnology (MME) 9) Total Quality System & Engineering (PE)
28.11.2024 2:30 PM to 05:00 PM	Thursday	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) Computer Communication & Networks (ETC) 6) Artificial Intelligence (CSE/IT) 7) Surface Engineering Principles & Systems / Engineering Ergonomics (PE) 8) Non-Ferrous Extractive Metallurgy (MME) 9) Petroleum Refinery Engineering(ChE)
30.11.2024 2:30 PM to 05:00 PM	Saturday	1) Transportation Engineering-II (CE) 2) Refrigeration and Air Conditioning (ME) 3) Flexible AC Transmission System/ Power Quality (EE) 4) Power System- III (EEE) 5) Information Theory & Coding/ Satellite Communication (ETC) 6) Internet and Web Programming (CSE) 7) Machine Learning (IT) 8) Automation & NC Machine (PE) 9) Material Characterization (MME) 10) Mineral Process Engineering (ChE)
02.12.2024 2:30 PM to 05:00 PM	Monday	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) Parallel and Distributed Computing (CSE) 7) Non-Traditional Machining (PE) 8) Introduction to Surface Engineering (MME) 9) Process Simulation and Modelling (ChE)

PROGRAMME FOR INT. M.SC. (ALL PROGRAMMES) / PH.D. COURSE WORK

SEMESTER	DATE&TIME	DAY	SUBJECT(S)
1st SEMESTER Int. M.Sc.	18.11.2024 2:30 PM to 05:00 PM	Monday	1)Physics-I (Thermodynamics) (Physics/Chemistry/Math)
	20.11.2024 2:30 PM to 05:00 PM	Wednesday	1)Environmental Science (Physics/Chemistry/Math)
	26.11.2024 2:30 PM to 05:00 PM	Tuesday	1) Chemistry –I (Physics/Chemistry/Math)
	28.11.2024 2:30 PM to 05:00 PM	Thursday	1) Math-I (Physics/Chemistry/Math)

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3 RD SEMESTER INT. M.SC.	18.11.2024 9:30 AM to 12:00 AM	Monday	1) Mathematical Physics – I (Physics/Math) 2) Physical Chemistry – I (Chemistry)
	20.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Mechanics (Physics/Math) 2) Organic Chemistry – I (Chemistry)
	22.11.2024 9:30 AM to 12:00 AM	Friday	1) Analog Electronic Systems and Applications (Physics) 2) Inorganic Chemistry – I (Chemistry) 3) Mathematics- III (MATH)
	26.11.2024 9:30 AM to 12:00 AM	Tuesday	1) Programming in C (Physics/Math) 2) Fundamental of Materials Science (Chemistry)
5 TH SEMESTER INT. M.SC.	19.11.2024 9:30 AM to 12:00 AM	Tuesday	1) Nanomaterials and Application (Physics) 2) Solid State Chemistry (Chemistry) 3) Introduction to Probability & Statistics (Mathematics)
	21.11.2024 9:30 AM to 12:00 AM	Thursday	1) Quantum Mechanics and Application (Physics) 2) Polymer Chemistry (Chemistry) 3) Hydrodynamics (Mathematics)
	25.11.2024 9:30 AM to 12:00 AM	Monday	1) Solid State Physics (Physics) 2) Bio-Inorganic Chemistry (Chemistry) 3) Introduction to Mathematical Methods (Math)
	27.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Physics of Devices & Communication (Physics) 2) Analytical Instrumentation Methods (Chem) 3) Elementary Graph Theory (Mathematics)
7 TH SEMESTER INT. M.SC.	18.11.2024 2:30 PM to 05:00 PM	Monday	1) Mathematical Method (Physics) 2) Group Theory and Quantum Chemistry (Chem) 3) Real Analysis (Mathematics)
	20.11.2024 2:30 PM to 05:00 PM	Wednesday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Linear Algebra (Mathematics)
	26.11.2024 2:30 PM to 05:00 PM	Tuesday	1) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Differential Equation (Mathematics)
	28.11.2024 2:30 PM to 05:00 PM	Thursday	1) Quantum Mechanics – I (Physics) 2) Thermodynamics and Chemical Dynamics (Chemistry) 3) Data Structure Using C(Mathematics)
9 th SEMESTER INT. M.SC.	22.11.2024 9:30 AM to 12:00 PM	Friday	1) Advanced Quantum Mechanics (Physics) 2) Photo Chemistry and Pericyclic (Chemistry) 3) Functional Analysis (Mathematics)
	25.11.2024 9:30 AM to 12:00 PM	Monday	1) Nuclear & Particle Physics (Physics) 2) Applications of Spectroscopic Techniques (Chemistry) 3) Abstract Algebra (Math)
	27.11.2024 9:30 AM to 12:00 PM	Wednesday	1) Condensed Matter Physics (Physics) 2) Supramolecular and Macromolecules (Chemistry)/Colloids and Surface Chemistry

			(Chemistry) 3) Partial Differential Equations (Mathematics)
	29.11.2024 9:30 AM to 12:00 PM	Friday	1) Advanced Experimental Techniques (Physics) 2) Disconnection approach in organic synthesis (OC) (Chem.)/ Analytical Chemistry (IC) (Chem.)

PROGRAMME FOR MSC (ALL PROGRAMMES)/ Ph.D. COURSE WORK

SEMESTER	DATE&TIME	DAY	SUBJECT(S)
1st SEMESTER M.Sc.	18.11.2024 2:30 PM to 05:00 PM	Monday	1) Mathematical Method (Physics) 2) Group Theory and Quantum Chemistry (Chem) 3) Real Analysis (Mathematics)
	20.11.2024 2:30 PM to 05:00 PM	Wednesday	1) Electronics and Instrumentation (Physics) 2) Co-ordination Chemistry (Chemistry) 3) Linear Algebra (Mathematics)
	26.11.2024 2:30 PM to 05:00 PM	Tuesday	1)) Classical Mechanics (Physics) 2) Structure and Reactivity (Chemistry) 3) Differential Equation (Mathematics)
	28.11.2024 2:30 PM to 05:00 PM	Thursday	1)) Quantum Mechanics – I(Physics) 2) Thermodynamics and Chemical Dynamics (Chemistry) 3) Data Structure Using C(Mathematics)

SEMESTER	DATE & TIME	DAY	SUBJECT(S)
3rd SEMESTER M.SC.	22.11.2024 9:30 AM to 12:00 PM	Friday	1) Advanced Quantum Mechanics (Physics) 2) Photo Chemistry and Pericyclic (Chemistry) 3) Functional Analysis (Mathematics)
	25.11.2024 9:30 AM to 12:00 PM	Monday	1) Nuclear & Particle Physics (Physics) 2) Applications of Spectroscopic Techniques (Chemistry) 3) Abstract Algebra (Math)
	27.11.2024 9:30 AM to 12:00 PM	Wednesday	1) Condensed Matter Physics (Physics) 2) Supramolecular and Macromolecules (Chemistry)/Colloids and Surface Chemistry (Chemistry) 3) Partial Differential Equations (Mathematics)
	29.11.2024 9:30 AM to 12:00 PM	Friday	1) Advanced Experimental Techniques (Physics) 2) Disconnection approach in organic synthesis (OC) (Chem.)/ Analytical Chemistry (IC) (Chem.)

PROGRAMME FOR M.TECH. (1st SEM)/Ph.D. COURSE WORK

1st SEMESTER M.Tech.	19.11.2024 9:30 AM to 12:00 AM	Tuesday	1) Research Methodology & IPR (M.Tech. & Ph.D. CW)
	21.11.2024 9:30 AM to 12:00 AM	Thursday	1) Advanced Solid Mechanics (CE-SE) 2) Pavement Material Characterization (CE-TE) 3) Advanced Hydrology(CE-WRE) 4) Stability Analysis of Slopes(CE-GTE) 5) AI and Expert Systems (CSE) 6) Power System Analysis (EE-PSE/Ph.D CW) 7) VLSI Technology (ETC- VSP) 8) Applied Elasticity and Plasticity(ME- MDA) 9) Machine Tool Technology(ME-PE 10) Power Electronic Converters-I (EE-PEC/Ph.D CW) 11) Advanced Thermodynamics and Kinetics of Engineering Materials (MME-IM) 12) Computer Aided Manufacturing (PE- CAD/ CAM&R)
	25.11.2024 9:30 AM to 12:00 AM	Monday	1) Construction Methods and Equipments (CE-SE) 2) Computational & Statistical Methods in Transportation Engineering (CE-TE) 3) Advanced Fluid Mechanics(CE- WRE) 4) Advanced Foundation Engineering (CE-GTE) 5) Advanced Data Structures & Algorithms(Comp. Sc. Engg.-CSE/Ph.D CW) 6) Operation and Control of Restructured Power Systems (EE-PSE/Ph.D CW) 7) Dynamics of electrical machines (EE-PEC/ Ph.D CW) 8) Advanced Signal Processing (ETC-VSP) 9) Advance Casting and Welding(ME-PE/Ph.D CW) 10) Mechanical Vibration Analysis(ME-MDA) 12) Phase Transformation and Heat Treatment (MME-IM) 11) Advanced CAD (PE-CAD/CAM/Ph.D CW)

1st SEMESTER M.Tech./Ph.D CW	27.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Advanced Structural Analysis(CE-SE/Ph.D CW) 2) Urban Transportation Planning(CE-TE) 3)Water Resources Systems Planning and Management(CE-WRE) 4)Ground Water Flow Through Porus Media(CE-GTE) 5) Advanced Computer Architecture (Comp. Sc. Engg.-CSE) 6)Power System Management(EE-PSE/Ph.D CW) 7) Electric Drive Systems (EE-PEC) 8) Digital CMOS VLSI Design(ETC-VSP) 9)Inspection & Quality Assurance(ME-PE/Ph.D CW) 10)Automatic Control System(ME-MDA) 11) Diffusion in Solids(MME-IM) 12) Rapid Manufacturing Processes(PE-CAD/CAM&R)
	29.11.2024 9:30 AM to 12:00 AM	Friday	1) Civil Engineering Material(CE-SE/Ph.D CW) 2) Traffic Engineering and Management (CE-TE) 3) Hydraulic Structures and Hydro Power Engineering(CE-WRE) 4) Advanced Soil Mechanics(CE-GTE) 5) Intrusion Detection Systems (Comp. Sc. Engg.- CSE/Ph.D CW) 6) Distribution System Engineering(EE-PSE/Ph.D CW) 7) Advanced Control Systems (EE-PEC) 8) Theory of Machining and Grinding (ME-PE/Ph.D CW) 9) Fatigue, Creep and Fracture(ME-MDA) 10) Advanced Joining Technology (MME-IM) 11)Design of Hydraulic & Pneumatic Systems (PE-CAD/CAM & R/Ph.D CW) 12) Analog & CMOS VLSI Design (ETC-VSP)

PROGRAMME FOR 3rd SEMESTER (M. Tech/ M.Sc. / Ph.D. Course Work)

DATE & TIME	DAY	SUBJECT(S)	SPECIALISATION
18.11.2024 9:30 AM to 12:00 AM	Monday	1) Smart Power Grids (EE) 2) Environmental Impact Assessment (CE) 3) Prestressed Concrete(CE) 4) Pavement Construction Maintenance and Management(CE) 5) River Engineering(CE) 6) Rapid Prototyping 7) Applied Finite Element method 8) Internet of Things(CSE) 9) Pattern Recognition(CSE) 10) Environmental Degradation & Corrosion (MME) 11) Mechatronics & MEMS (PE) 12) Power System Optimization (EE) 13) Artificial Intelligence & Soft Computing 14) EMI & EMC	PSE GTE SE TE WRE PE MDA CSE CIT (CAD/CAM & Robotics) PhD course work ETC(CSE) ETC(RFM)
20.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Renewable Energy & Energy Harvesting(PHYSICS) 2) Smart Materials(ME) 3) Maintenance Engineering & Management(ME) 4) Advanced Maintenance Technology(PE) 5) Material Recycling and Waste Management(MME)	Open Elective

PROGRAMME FOR PH.D. COURSE WORK

DATE & TIME	DAY	SUBJECT(S)	SPECIALISATION
18.11.2024 9:30 AM to 12:00 AM	Monday	1) Environmental Degradation and Corrosion (ChE) 2) Traffic Analysis (CE) 3) Structural Health Monitoring (CE) 4) Machine Vibration Analysis (ME) 5) Theory of Machining And Grinding (PE)	

PROGRAMME FOR Ph.D. COURSE WORK

DATE&TIME	DAY	SUBJECT(S)
18.11.2024 9:30 AM to 12:00 AM	Monday	1)Introduction to social and environment (Humanities)
20.11.2024 9:30 AM to 12:00 AM	Wednesday	1) Natural Resource Economics (Humanities)
22.11.2024 9:30 AM to 12:00 AM	Friday	1) Applied Time Series Econometrics (Humanities) 2)Forecasting Methods in Power system (EE)


Controller of Examinations

Memo No. : VSSUT/Exams./ 5638 /2024

Dt.: 06/11/2024

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.


Controller of Examinations