

**VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY: BURLA**  
**NOTICE**

Memo. No. : VSSUT/Exams./ /2017,

Dated: 08 / 09 /2017

The Mid-Semester Examination of **November- 2017** for 1<sup>st</sup> Semester B.Tech./ M.Tech./ B.Arch./ MCA/ M.Sc./ M.Phil./ Int.M.Sc., 3<sup>rd</sup> Semester B.Tech./ B.Arch./ MCA/ M.Sc./ Int.M.Sc., 5<sup>th</sup> Semester B.Tech/ B.Arch./ MCA/ Int.M.Sc., 7<sup>th</sup> Semester B.Tech./ B.Arch./Int. M.Sc., 9<sup>th</sup> Semester Int. M.Sc. & Ph.D. Course Work will be conducted from **20.09.2017**. The detailed Programme & Timing is as given below.

**1<sup>st</sup> SEMESTER**

(B.Tech./B.Arch./M.Phil./Int. M.Sc./ MCA)

DATE & TIME	DAY	SUBJECT(S)
20.09.2017 9 AM to 11 AM	Wednesday	1) Mathematics- I (B.Tech.) 2) Structural Mechanics-I (B.Arch.) 3) Discrete Mathematics (MCA) 4) Chemistry-I (Int. M.Sc.) 5) Advanced Materials (M.Phil.- Chemistry) 6) Problem Solving in Analysis, Algebra and Topology (M.Phil.- Math.)
21.09.2017 9 AM to 11 AM	Thursday	1) Physics (B.Tech.) 2) Chemistry (B.Tech.) 3) Building Materials-I (B.Arch.) 4) Microprocessor and Assembly Language Programming (MCA) 5) Physics-I (Int. M.Sc.) 6) Advanced Chemistry (M.Phil.- Chemistry) 7) Advanced Fluid Dynamics (M.Phil.-Math.)
22.09.2017 9 AM to 11 AM	Friday	1) English for Communication (B.Tech) 2) Environmental Science (B.Tech.) 3) Introduction to Art and Architecture (B.Arch.) 4) Problem Solving and C Programming (MCA) 5) English-I (Int. M.Sc.) 6) Multi-objective Optimization (M.Phil.- Math.)
23.09.2017 8.30 AM to 10.30 AM	Saturday	1) Engineering Mechanics (B.Tech.) 2) Computer Programming (B.Tech.) 3) Computer Organization (MCA) 4) Biology-I (Int. M.Sc.)
25.09.2017 9 AM to 11 AM	Monday	1) Basic Electrical Engineering (B.Tech.) 2) Basic Electronics (B.Tech.) 3) Foundations of Computer Science (MCA) 4) Mathematics-I (Int. M.Sc.)

**1st SEMESTER**

(M.Tech./ M.Sc./ Ph.D. Course Work)

DATE & TIME	DAY	SUBJECT(S)	SPECIALISATION
20.09.2017 9 AM to 11 AM	Wednesday	1) Advances in Data Structures & Algorithms 2) Power System Management 3) Power Electronics Devices-I 4) Instrumentation 5) Advanced Signal Processing 6) Radio Wave Engineering 7) Manufacturing Systems & Automation 8) Theory of Plasticity & Metal Forming Process 9) Applied Elasticity & Plasticity 10) Refrigeration Engineering 11) Advanced Fluid Mechanics 12) Waste Water Management 13) Theory of Elasticity & Plasticity 14) Pavement Materials characterization 15) Classical Mechanics 16) Probability 17) Thermodynamics & Chemical Dynamics	Comp.Sc.Engg. PSE PECD I & C CSE / VLSISP RFM MSE PE MD&A HPE WRE ESE GTE/SE TE Applied Physics Applied Mathematics Industrial Chemistry
21.09.2017 9 AM to 11 AM	Thursday	1) Advances in Computer Architecture 2) Distribution System Engineering 3) Advanced Control Systems 4) Advanced Communication Techniques 5) Semiconductor Device Modeling 6) RF Solid State Devices 7) Computer Aided Design & Manufacturing 8) Advanced Casting & Welding 9) Mechanical Vibration Analysis 10) Advanced Fluid Mechanics 11) Hydrometry, Water Acts & Water Services 12) Water Treatment Technology 13) Advanced Soil Mechanics 14) Advanced Structural Analysis 15) Transportation Infrastructure Design 16) Mathematical Physics- I 17) Complex Analysis 18) Polymer Chemistry	Comp.Sc.Engg. PSE PECD/ I & C CSE VLSISP RFM MSE PE MD&A HPE WRE ESE GTE SE TE Applied Physics Applied Mathematics Industrial Chemistry
22.09.2017 9 AM to 11 AM	Friday	1) Intrusion Detection Systems 2) Power Electronics Control of Drives 3) Dynamics of Electrical Machines 4) Microprocessor & Microcontroller Based System 5) Analog V L S I Design 6) Computational Electromagnetics 7) Manufacturing Systems Models 8) Robotics and Flexible Manufacturing 9) Advanced Mechanics of Solids 10) Gas Dynamics	Comp.Sc.Engg. PSE PECD I & C CSE / VLSISP RFM MSE PE MD&A HPE

		11) Engineering Hydrology and Hydrologic Systems 12) Environmental Hydraulics 13) Advanced Foundation Engineering 14) Civil Engineering Materials 15) Urban Transportation Policy Planning for sustainable development 16) Quantum Mechanics- I 17) Modern Algebra 18) Group Theory & Wave Mechanics	WRE ESE GTE SE TE  Applied Physics Applied Mathematics Industrial Chemistry
23.09.2017 <b>8.30 AM to 10.30 AM</b>	Saturday	1) Real Time Systems 2) Operation & Control of Restructured Power System 3) Advanced Digital Signal Processing 4) Error Control Coding & Cryptography 5) VLSI Technology 6) Microwave Circuits & Measurements 7) Rapid Manufacturing Processes 8) Theory of Machining & Grinding 9) Fatigue, Creep & Fracture 10) Conduction and Radiation Heat Transfer 11) Finite Element Method 12) Design of Retaining Structures 13) Computational & Statistical Methods 14) Condensed Matter Physics- I 15) Real Analysis 16) Structure & Reactivity	Comp. Sc. Engg. PSE PECD / I & C CSE VLSISP RFM MSE PE MD&A HPE SE GTE WRE/TE/ESE Applied Physics Applied Mathematics Industrial Chemistry
25.09.2017 <b>9 AM to 11 AM</b>	Monday	1) Design of Computer Networks 2) Power System Analysis 3) Embedded Systems 4) Biomedical Instrumentation 5) Advanced Electromagnetics 6) Digital VLSI Design 7) Finite Element Analysis in Manufacturing 8) Inspection & Quality Assurance 9) Automatic Control Systems 10) Advanced Engineering Thermodynamics 11) Neuro-Fuzzy applications in Civil Engineering 12) Ground Water flow through porous media 13) Numerical Methods in Engineering 14) Traffic Engineering & Management 15) Fortran Programming 16) Programming in C 17) Co-ordination Chemistry	Comp. Sc. Engg. PSE PECD I & C CSE/RFM VLSISP MSE PE MD&A HPE WRE ESE/GTE SE TE Applied Physics Applied Mathematics Industrial Chemistry

**NB:- Examination of 7<sup>th</sup> Semester Integrated M.Sc (Physics & Chemistry) courses will be conducted as per the time table of 1<sup>st</sup> Semester M.Sc. (Applied Physics & Industrial Chemistry) courses.**

**3rd SEMESTER**

(B.Tech./B.Arch./MCA/ M.Sc. / Int. M.Sc.)

DATE	DAY	SUBJECT(S)
20.09.2017 <b>2 PM to 4 PM</b>	Wednesday	<ol style="list-style-type: none"> <li>1) Mathematics – III (All Branches)</li> <li>2) Software Engineering (MCA)</li> <li>3) Building Services-I (B.Arch.)</li> <li>4) Environmental Chemistry (Industrial Chemistry)</li> <li>5) Electrodynamics- II ( Applied Physics)</li> <li>6) Discrete Mathematical Structure ( Applied Mathematics)</li> <li>7) Environmental Chemistry (Int. M.Sc.)</li> </ol>
21.09.2017 <b>2 PM to 4 PM</b>	Thursday	<ol style="list-style-type: none"> <li>1) Organization Behaviour (CE/EE/EEE/Int. M.Sc.)</li> <li>2) Engineering Economics (CE/ME/ETC/CS/IT/ Chem./M&amp;M/PE)</li> <li>3) Database Management Systems (MCA)</li> <li>4) History of Architecture- II (B.Arch.)</li> <li>5) Photochemistry &amp; Pericyclic Reaction (Industrial Chemistry)</li> <li>6) Mathematical Physics-II (Applied Physics)</li> <li>7) Functional Analysis ( Applied Mathematics)</li> </ol>
22.09.2017 <b>2 PM to 4 PM</b>	Friday	<ol style="list-style-type: none"> <li>1) Objected Oriented Programming (CE/CS/IT/Chemical )</li> <li>2) Basic Thermodynamics (ME)</li> <li>3) Network Theory (EE, EEE)</li> <li>4) Electrical Machines (EL)</li> <li>5) Introduction to Physical Metallurgy ( M&amp;M)</li> <li>6) Basic Manufacturing Processes (PE)</li> <li>7) Computer Graphics and Multimedia (MCA)</li> <li>8) Climatology (B.Arch.)</li> <li>9) Organometallics (Industrial Chemistry)</li> <li>10) Condensed Matter Physics- II ( Applied Physics)</li> <li>11) Partial Differential Equation ( Applied Mathematics)</li> <li>12) Basic Physical Chemistry –I (Int. M.Sc.)</li> </ol>
23.09.2017 <b>11 AM to 1 PM</b>	Saturday	<ol style="list-style-type: none"> <li>1) Mechanics of Materials (CE)</li> <li>2) Mechanics of Solids (ME)</li> <li>3) Electrical Machines – I (EE,EEE)</li> <li>4) Network Analysis &amp; Synthesis (EL)</li> <li>5) Data Structure and Algorithms (CS, IT)</li> <li>6) Fuels Furnace &amp; Refractories (M&amp;M)</li> <li>7) Elements of Electrical Machines (PE)</li> <li>8) Structural Mechanics – III (B.Arch.)</li> <li>9) Chemical Process Technology (Chemical Engg.)</li> <li>10) Professional Communication in English (MCA)</li> <li>11) Industrial Processes (Industrial Chemistry)</li> <li>12) Atomic and Molecular Physics ( Applied Physics)</li> <li>13) Linear Algebra (Applied Mathematics)</li> <li>14) Mathematics- III (Int. M.Sc.)</li> </ol>
25.09.2017 <b>2 PM to 4 PM</b>	Monday	<ol style="list-style-type: none"> <li>1) Civil Engg. Materials &amp; Construction (CE)</li> <li>2) Manufacturing Science &amp; Technology-I (ME)</li> <li>3) Engineering Thermodynamics(EE,EEE, PE)</li> <li>4) Analog Electronics Circuits – I ( EL)</li> <li>5) Digital Electronics Circuits (CS/ IT)</li> <li>6) Metallurgical Thermodynamics &amp; Kinetics (M&amp;M)</li> <li>7) Fluid Dynamics (Chemical Engg.)</li> <li>8) Theory of Computation (MCA)</li> <li>9) Spectroscopy- II (Industrial Chemistry)</li> <li>10) Nuclear &amp; Particle Physics ( Applied Physics)</li> <li>11) Linear Programming (Applied Mathematics)</li> <li>12) Physics- III (Int. M.Sc.)</li> </ol>

**5<sup>th</sup> SEMESTER**

(B.Tech. /B.Arch. /MCA / Int. M.Sc).

DATE	DAY	SUBJECT(S)
20.09.2017 <b>9 AM to 11 AM</b>	Wednesday	1) Geotechnical Engineering – I (CE) 2) Fluid Dynamics and Hydraulic Machines (ME) 3) Microprocessor & Microcontroller Theory & Application (EE/EEE) 4) Digital Communication Techniques (EL) 5) Operating Systems (CS & IT) 6) Design of Machine Elements (PE) 7) Iron Making (M&M) 8) Heat Transfer (Chemical Engineering) 9) Enterprise Web-Based Computing with Java (MCA) 10) Design of Structures-II (B.Arch.) 11) Basic Organic Chemistry-II (Int. M.Sc., Chemistry) 12) Basic Solid State Physics(Int. M.Sc., Physics) 13) Hydrodynamics ( Int. M.Sc., Mathematics)
21.09.2017 <b>9 AM to 11 AM</b>	Thursday	1) Environmental Engineering (CE) 2) Manufacturing Science Technology – II (ME) 3) Digital Circuits & Design (EE/EEE) 4) Microprocessor (EL) 5) Software Engineering and OOAD (CS & IT) 6) Production and Operation Management (PE) 7) Phase Transformations (M&M) 8) Mass Transfer (Chemical Engineering) 9) Internet Technology (MCA) 10) Building Estimating Costing and Specifications (B.Arch.) 11) Solid State Chemistry(Int. M.Sc., Chemistry) 12) Nanomaterials and Applications (Int. M.Sc., Physics) 13) Solid Geometry ( Int. M.Sc., Mathematics)
22.09.2017 <b>9 AM to 11 AM</b>	Friday	1) Structural Analysis-II (CE) 2) Machine Design – II (ME) 3) Electrical Measurement & Instrumentation (EE) 4) Power System-I (EEE) 5) Very Large Scale Integration Design (EL) 6) Microprocessor & Microcomputer (CS & IT) 7) Fluid Mechanics & Fluid Power Engineering (PE) 8) Deformation Theory of Metals (M&M) 9) Chemical Engineering Thermodynamics (Chemical Engineering) 10) Simulation & Modeling (MCA) 11) History & Theory of Architecture- II (B.Arch.) 12) Green Chemistry(Int. M.Sc., Chemistry) 13) Fundamentals of Electronics (Int. M.Sc., Physics) 14) Introduction to Probability & Statistics ( Int. M.Sc., Mathematics)
23.09.2017 <b>8.30 AM to 10.30 AM</b>	Saturday	1) Water Resources Engineering (CE) 2) Machine Dynamics – I (ME) 3) Power Station Engineering(EE) 4) Power Electronics (EEE)

		<ul style="list-style-type: none"> <li>5) Digital Signal Processing (EL)</li> <li>6) Graph Theory (CS/IT)</li> <li>7) Material Engineering and Metallurgy (PE)</li> <li>8) Materials Testing (M&amp;M)</li> <li>9) Process Dynamics &amp; Control (Chemical Engineering)</li> <li>10) Compiler Design (MCA)</li> <li>11) Environmental Studies (B.Arch.)</li> <li>12) Bio-Inorganic Chemistry (Int. M.Sc., Chemistry)</li> <li>13) Introduction to Mathematical Physics ( Int. M.Sc., Physics)</li> <li>14) Elementary Combinatorics ( Int. M.Sc., Mathematics)</li> </ul>
<p>25.09.2017  <b>9 AM to 11  AM</b></p>	Monday	<ul 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) Signal &amp; System -I (EEE)</li> <li>5) Electromagnetic Field Theory (EL)</li> <li>6) Cryptography and Network Security (CS &amp; IT)</li> <li>7) Theory of Metal Cutting (PE)</li> <li>8) Corrosion and Degradation of Materials (M&amp;M)</li> <li>9) Fundamental of Biochemical Processes (Chemical Engineering)</li> <li>10) Artificial Intelligence / Computer Security(MCA)</li> <li>11) Chemistry of Industrial Materials (Int. M.Sc., Chemistry)</li> <li>12) Mechanics (Int. M.Sc., Physics)</li> <li>13) Introduction to Mathematical Methods ( Int. M.Sc., Mathematics)</li> </ul>

**7th SEMESTER**

(B.Tech./ B.Arch.)

DATE	DAY	SUBJECT(S)
20.09.2017 <b>2 PM to 4 PM</b>	Wednesday	1) Concrete Structure (CE) 2) Metrology, Quality Control and Reliability (ME) 3) Electric Drives & Traction (EE) 4) Embedded System (EEE) 5) Digital Image & Speech Processing (EL) 6) Advanced Data Structures and Algorithms (CS) 7) Modeling & Simulation (IT) 8) Non-Traditional Machining (PE) 9) Steel Making (M&M) 10) Coal Processing Technology (Chem. Engg.) 11) Advanced Services (B.Arch.)
21.09.2017 <b>2 PM to 4 PM</b>	Thursday	1) Geotechnical Engineering –II (CE) 2) Refrigeration and Air Conditioning (ME) 3) Power System Operation & Control (EE) 4) Communication System Engineering-I (EL/EEE) 5) Computer Graphics & Multimedia (CS & IT) 6) Automatic & NC Machines (PE) 7) Characterization of Materials (M&M) 8) Process Simulation and Modeling (Chem. Engg.) 9) Pre Thesis Seminar (B.Arch.)
22.09.2017 <b>2 PM to 4 PM</b>	Friday	1) Hydraulic Structures (CE) 2) Machine Design- II (ME) 3) Switch Gear & Protective Devices (EE) 4) Control System Engineering – II (EEE) 5) Soft Computing (EL) 6) E-Commerce & ERP (CS & IT) 7) Advanced Casting & Welding (PE) 8) Mechanical Working of Metallic Materials (M&M) 9) Mineral Process Engineering (Chem. Engg.) 10) Building Construction Management (B.Arch.)
23.09.2017 <b>11 AM to 1 PM</b>	Saturday	1) Advanced Mechanics of Materials/ Traffic and Transportation Planning (CE) 2) Operation Management (ME) 3) Power System-III (EEE) 4) Communication System Engineering (EE) 5) Information Theory & Coding (EL/IT) 6) Data Mining (CS) 7) Computer Integrated Manufacturing (PE) 8) Nano-Materials (M&M) 9) Energy Conservation & Renewable Energy Sources (Chem. Engg.) 10) Green Buildings & Infrastructure (B.Arch.)
25.09.2017 <b>2 PM to 4 PM</b>	Monday	1) Advanced Foundation Engineering (CE)/ Bridge Engineering (CE) 2) Power Plant Engineering (ME) 3) Electrical Engineering Materials (EE/EEE) 4) Adaptive Signal Processing (EL) 5) Soft Computing (CS/IT) 6) Principles of Machine Tools (PE) 7) Advanced Casting Processes (M&M) 8) Chemical Kinetics and Catalysis (Chem. Engg.) 9) Advanced Structural Systems (B.Arch.)

**9th SEMESTER**  
(Int. M.Sc., Chemistry)

DATE	DAY	SUBJECT(S)
20.09.2017 <b>2 PM to 4 PM</b>	Wednesday	1) Environmental Chemistry
21.09.2017 <b>2 PM to 4 PM</b>	Thursday	1) Photochemistry & Pericyclic Reaction
22.09.2017 <b>2 PM to 4 PM</b>	Friday	1) Organometallics
23.09.2017 <b>11 AM to 1 PM</b>	Saturday	1) Supramolecular Theory
25.09.2017 <b>2 PM to 4 PM</b>	Monday	1) Spectroscopy- II

Sd/-. COE, VSSUT

Memo. No. : VSSUT/Exams./ /'2017,

Dated: 08.09.2017

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