

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

No. VSSUT/Exams./ /2017,

Dated: 11. 04. 2017

The End-Semester Examination of May-2017 will be conducted from **1<sup>st</sup> May 2017**. The **PROGRAMME** (except back log subjects for old courses) is as given below.

**PROGRAMME**

**2<sup>ND</sup> SEMESTER (B.Tech./B.Arch./ MCA)**  
**08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)
01.05.2017	Monday	1) Mathematics-II (B.Tech) 2) Computer Networks (MCA) 3) Building Materials – II (B.Arch.)
03.05.2017	Wednesday	1) Physics (B.Tech.) 2) Chemistry (B.Tech.) 3) Structural Mechanics-II (B.Arch.) 4) Data Structures (MCA)
08.05.2017	Monday	1) Basic Electrical Engineering (B.Tech.) 2) Basic Electronics (B.Tech.) 3) History of Architecture-I (B.Arch.) 4) Object Oriented Programming using C++ (MCA)
10.05.2017	Wednesday	1) Engineering Mechanics (B.Tech.) 2) Computer Programming (B.Tech.) 3) Surveying and Leveling (B.Arch.) 4) Quantitative Techniques (MCA)
12.05.2017	Friday	1) English for Communication (B.Tech.) 2) Environmental Science (B.Tech.) 3) Operating Systems (MCA)

**2<sup>ND</sup> SEMESTER (M.Tech / Integrated M.Sc. / M.Sc. / Ph.D. Course Work)**  
**TIME –08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)	SPECIALISATION
01.05.2017	Monday	1) Water Resources Systems Planning & Management	WRE
		2) Solid and Hazardous Waste Management	ESE
		3) Advanced Design of Steel Structures	SE
		4) Ground Improvement Techniques	GTE
		5) Traffic Analysis	TE
		6) Operation Management	PE
		7) FEM in Engineering	MDA
		8) Air Conditioning Engineering	HPE
		9) Power System Optimization	PSE
		10) Digital Simulation of Power Electronic Systems	PECD
		11) CAD of Instrumentation System	C&I
		12) Mobile Computing	CSE
		13) HDL & High Level VLSI Design	VLSISP
		14) Distributed Operating Systems	Comp.Sc.Engg.
		15) Robotics & Robot Applications	MSE
		16) Physics – II	Int. M.Sc.
		17) Basic Electronics	Applied Physics
		18) Analytical Chemistry	Industrial Chemistry
		19) Measure Theory & Integration	Applied Mathematics
03.05.2017	Wednesday	1) GIS Applications in Water Resources Engg.	WRE
		2) Environmental Impact Assessment	ESE
		3) Structural Dynamics	SE
		4) Advanced Environmental Geotechniques	GTE
		5) Highway Construction Practice	TE
		6) Computer Aided Design & Manufacturing	PE
		7) Tribology	MDA
		8) Convective Heat and Mass Transfer	HPE
		9) Power System Dynamics	PSE
		10) Power Electronics Devices – II	PECD
		11) Industrial Communication System	C&I
		12) Communication Networks & Switching	CSE
		13) VLSI Testing	VLSISP
		14) Computational Intelligence	Comp.Sc.Engg.
		15) Computer Integrated Manufacturing	MSE
		16) Biology – II	Int. M.Sc.
		17) Electrodynamics-I	Applied Physics
		18) Organic Reaction Mechanism	Industrial Chem.
		19) Ordinary Differential Equations	Applied Math.

08.05.2017	Monday	<ol style="list-style-type: none"> <li>1) Design of Hydraulic Structures</li> <li>2) Air Pollution &amp; Control</li> <li>3) Soil Structure Interaction</li> <li>4) Mechanics of Composite Materials</li> <li>5) Pavement Analysis &amp; Design</li> <li>6) Non-Traditional Manufacturing Process</li> <li>7) Composite Materials</li> <li>8) Experimental Techniques for Thermal Engineering</li> <li>9) Reliability of Power System</li> <li>10) Machines Drives</li> <li>11) Non-linear Control</li> <li>12) Advanced Wireless Communication</li> <li>13) CMOS RF Circuit Design</li> <li>14) Advances in Database Systems</li> <li>15) Discrete System Simulation</li> <li>16) Chemistry – II (Basic Inorganic-I)</li> <li>17) Computational Techniques in Physics</li> <li>18) Surface Chemistry &amp; Nuclear Chemistry</li> <li>19) Numerical Analysis</li> </ol>	<p>WRE ESE GTE SE TE PE MDA HPE  PSE PECD C&amp;I CSE VLSISP Comp.Sc.Engg. MSE Int. M.Sc. Applied Physics Industrial Chemistry Applied Mathematics</p>
10.05.2017	Wednesday	<ol style="list-style-type: none"> <li>1) Open Channel Hydraulics</li> <li>2) Industrial Wastewater Treatment</li> <li>3) Earthquake Analysis &amp; Design</li> <li>4) Planning and Design of Airports</li> <li>5) Tools &amp; Die Design</li> <li>6) Experimental Stress Analysis</li> <li>7) Two Phase Flow</li> <li>8) FACTS Modeling Control &amp; Applications</li> <li>9) Process Control and Instrumentation</li> <li>10) Pattern Recognition &amp; Application</li> <li>11) Digital Signal Processor Architecture</li> <li>12) Computational Complexity</li> <li>13) Laser Processing of Materials</li> <li>14) Mathematics - II</li> <li>15) Quantum Mechanics – II</li> <li>16) Spectroscopy-I</li> <li>17) Mathematical Modeling</li> <li>18) Communicative English</li> </ol>	<p>WRE ESE GTE/ SE TE PE MDA HPE PSE/PECD C&amp;I CSE VLSISP Comp.Sc.Engg. MSE Int. M.Sc. Applied Physics Industrial Chemistry Applied Mathematics <i>Ph.D. Course Work</i></p>

12.05.2017	Friday	1) Water Power Engineering	WRE
		2) Stability Analysis of Slopes, Dams & Embankments	GTE
		3) Urban Drainage Sewerage Systems	ESE
		4) Advanced Reinforced Concrete Design	SE
		5) Land use Transportation Modeling	TE
		6) Industrial Engineering	PE
		7) Advanced Theory of Mechanism & Machines	MDA
		8) Computational Heat and Fluid Flow	HPE
		9) Computer Aided Power System Protection	PSE
		10) Power Quality	PECD
		11) Adaptive Control	C&I
		12) Advanced Antenna Technology	CSE
		13) VLSI Signal Processing	VLSISP
		14) Cloud Technology	Comp.Sc.Engg.
		15) Diagnostics Techniques	MSE
		16) Computer Science	Int. M.Sc.
		17) Statistical Mechanics	Applied Physics
		18) Stereochemistry	Industrial Chemistry
		19) Statistical Methods	Applied Mathematics
		20) Computational Intelligence	Ph.D. Course Work
		21) Wireless Networks and Mobile Computing	Ph.D. Course Work

**NB:- Examination of 8<sup>th</sup> Semester Integrated M. Sc (Chemistry) courses will be conducted as per the time table of 2<sup>nd</sup> Semester M. Sc (Industrial Chemistry) courses.**

**4<sup>TH</sup> SEMESTER (B.Tech/ B.Arch./MCA/ M.Sc./ Int. M. Sc.)****TIME –08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)
02.05.2017	Tuesday	<ol style="list-style-type: none"><li>1) Mathematics- IV ( All Branches except CS/IT)</li><li>2) Design and Analysis of Algorithms (CS,IT)</li><li>3) History and Theory of Architecture- I (B.Arch.)</li><li>4) Programming with Java (MCA)</li><li>5) Ferrous - Nonferrous Metallurgy ( Industrial Chemistry)</li><li>6) Experimental Techniques in Physics (Applied Physics)</li><li>7) Mathematical Methods ( Applied Mathematics)</li><li>8) Chemistry-IV(Basic Organic Chemistry-I) (Int. M.Sc.)</li></ol>
04.05.2017	Thursday	<ol style="list-style-type: none"><li>1) Engineering Economics (CE,EE, EEE )</li><li>2) Organizational Behaviour (ME, EL, CS, IT, PE, MM, Chem.)</li><li>3) Building Services- II (B.Arch.)</li><li>4) Formal Language &amp; Automata Theory (MCA)</li><li>5) Operation Research ( Applied Mathematics)</li><li>6) Economics &amp; Costing ( Int. M.Sc.)</li></ol>
06.05.2017	Saturday	<ol style="list-style-type: none"><li>1) Engineering Surveying (CE)</li><li>2) Machine Design-I (ME)</li><li>3) Object Oriented Programming (EE,EEE,PE)</li><li>4) Digital Electronics Circuits( EL)</li><li>5) Theory of Computation (CS,IT)</li><li>6) Transport Phenomena (M&amp;M)</li><li>7) Process &amp; Handling of Materials (Chem. Engg.)</li><li>8) Design of Structures- I (B.Arch.)</li><li>9) Analysis &amp; Design of Algorithm (MCA)</li><li>10) Natural Product and Spectroscopy-II ( Industrial Chemistry)</li><li>11) Laser Physics ( Applied Physics)</li><li>12) Graph Theory ( Applied Mathematics)</li><li>13) Mathematics-IV (Int. M.Sc.)</li></ol>
09.05.2017	Tuesday	<ol style="list-style-type: none"><li>1) Fluid Mechanics (CE)</li><li>2) Materials Engineering (ME)</li><li>3) Analog Communication Techniques (EL)</li><li>4) Strength of Materials (PE)</li><li>5) Electronics Circuits ( EE,EEE)</li><li>6) Database Management Systems (CS, IT)</li><li>7) Mineral Processing ( M&amp;M)</li><li>8) Chemical Process Calculations (Chem. Engg.)</li><li>9) Landscape Design and Site Planning (B.Arch.)</li><li>10) Computer Networks ( MCA)</li><li>11) Basic Inorganic Chemistry-II (Int. M.Sc.)</li><li>12) Analytical Number Theory (Applied Mathematics)</li><li>13) Crystallography (Applied Physics)</li></ol>

11.05.2017	Thursday	<ol style="list-style-type: none"><li>1) Structural Analysis-I (CE)</li><li>2) Fluid Mechanics (ME)</li><li>3) Electrical Machine- II (EE,EEE)</li><li>4) Analog Electronics Circuits- II (EL)</li><li>5) Computer Organization and Architecture (CS, IT)</li><li>6) Unit Process of Extraction (M&amp;M)</li><li>7) Theory of Machine ( PE)</li><li>8) Fuel and Combustion (Chem. Engg.)</li><li>9) Relational Database Management System (MCA)</li><li>10) Pericyclic and Photo Chemistry ( Industrial Chemistry )</li><li>11) Physics of Semiconductor Devices ( Applied Physics)</li><li>12) General Topology (Applied Mathematics)</li><li>13) Physics-IV(Modern Physics) (Int. M.Sc.)</li></ol>
------------	----------	---

**6<sup>TH</sup> SEMESTER (B.Tech./ B.Arch./ Int. M.Sc.)****TIME –08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)
01.05.2017	Monday	<ol style="list-style-type: none"><li>1) Structural Analysis-II (CE)</li><li>2) Fluid Dynamics &amp; Hydraulic Machines (ME)</li><li>3) Electromagnetic Theory( EE, EEE)</li><li>4) Control System Engineering (EL)</li><li>5) Compiler Design (CS, IT)</li><li>6) Theory of Metal Forming (PE)</li><li>7) Iron Making (M&amp;M)</li><li>8) Transport Phenomena (Chem. Engg.)</li><li>9) Architectural Acoustics (B.Arch.)</li><li>10) Bio-molecules (Int. M.Sc., Chem.)</li><li>11) Digital Systems and Applications (Int. M.Sc., Phy.)</li></ol>
03.05.2017	Wednesday	<ol style="list-style-type: none"><li>1) Fluid Dynamics (CE)</li><li>2) Machine Dynamics-II ( ME)</li><li>3) Control System Engineering-II (EE)</li><li>4) Signals &amp; Systems- II (EEE)</li><li>5) Microcontroller &amp; Embedded System (EL)</li><li>6) Software Engineering &amp; OOAD ( CS, IT)</li><li>7) Production &amp; Operation Management (PE)</li><li>8) Refractory and Furnaces (M&amp;M)</li><li>9) Mass Transfer – II (Chem. Engg.)</li><li>10) Building Codes and By laws (B.Arch.)</li><li>11) Principles of Inorganic Chemistry (Int. M.Sc.,Chem.)</li><li>12) Photonics and Power Devices (Int. M.Sc., Phy.)</li></ol>
08.05.2017	Monday	<ol style="list-style-type: none"><li>1) Transportation Engineering- II (CE)</li><li>2) Heat Transfer (ME)</li><li>3) Signals &amp; Systems- I (EE)</li><li>4) Control System Engineering- I (EEE)</li><li>5) Electronic Measurement &amp; Measuring Instruments (EL)</li><li>6) Internet &amp; Web Technology –I ( CS, IT)</li><li>7) Tool Design (PE)</li><li>8) Phase Transformations and Heat Transfer (M&amp;M)</li><li>9) Process Equipment Design (Chem. Engg.)</li><li>10) Building Economics and Sociology (B.Arch.)</li><li>11) Basic Physical Chemistry- II ( Int. M.Sc., Chem.)</li></ol>

		12) Physics of Materials (Int. M.Sc., Phy.)
10.05.2017	Wednesday	<ul style="list-style-type: none"> <li>1) Steel Structures (CE)</li> <li>2) Advanced Mechanics of Solids (ME)</li> <li>3) Power Electronics (EE)</li> <li>4) Power System- II (EEE)</li> <li>5) Microwave Engineering (EL)</li> <li>6) Analysis &amp; Design of Algorithms (CS,IT)</li> <li>7) Inspection &amp; Metrology (PE)</li> <li>8) Non Ferrous Extractive Metallurgy (M&amp;M)</li> <li>9) Process Instrumentation (Chem. Engg.)</li> <li>10) Human Settlement and Town Planning (B.Arch.)</li> <li>11) Natural Products (Int. M.Sc., Chem.)</li> <li>12) Physics Modern Science (Int. M.Sc.,Phy.)</li> </ul>
12.05.2017	Friday	<ul style="list-style-type: none"> <li>1) Advanced Surveying (CE)</li> <li>2) Industrial Engineering &amp; Operations Research (ME)</li> <li>3) Electric Power Transmission &amp; Distribution (EE)</li> <li>4) Electrical Measurement &amp; Instrumentation (EEE)</li> <li>5) Industrial Electronics (EL)</li> <li>6) Principles of Programming Languages (CS)</li> <li>7) Information Security (IT)</li> <li>8) Statistical Methods &amp; Design of Experiments (PE)</li> <li>9) Testing of Materials (M&amp;M)</li> <li>10) Petroleum Refinery Engineering (Chem. Engg.)</li> <li>11) Barrier Free Built Environment (B.Arch.)</li> <li>12) Analytical Instrumental Methods (Int. M.Sc., Chem.)</li> <li>13) Thermal Physics (Int. M.Sc., Phy.)</li> </ul>



**8<sup>TH</sup> SEMESTER (B. Tech./ B.Arch.)****TIME – 08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)
02.05.2017	Tuesday	<ol style="list-style-type: none"><li>1) Estimation &amp; Professional Practice (CE)</li><li>2) Mechanical Engineering Instrumentation &amp; Control (ME)</li><li>3) High Voltage Engineering (EE)</li><li>4) Communication System Engineering – II (EEE, EL)</li><li>5) Advanced Computer Architecture (CS)</li><li>6) Advanced Operating System (IT)</li><li>7) Tribology in Design and Manufacturing (PE)</li><li>8) Corrosion and Degradation of Materials (M&amp;M)</li><li>9) Professional Practice (B.Arch.)</li></ol>
04.05.2017	Thursday	<ol style="list-style-type: none"><li>1) Open Channel Flow (CE)/ Environmental Geotechnique (CE)</li><li>2) Internal Combustion Engine &amp; Gas turbine (ME)</li><li>3) Non-Conventional Energy Sources (EE / EEE)</li><li>4) Mobile Communications (EL)</li><li>5) High Performance Computing(CS)</li><li>6) Social Network Analysis (IT)</li><li>7) Robotics &amp; Flexible Manufacturing System (PE)</li><li>8) Composite Materials (M&amp;M)</li><li>9) Disaster Resistant Architecture (B.Arch.)</li></ol>
06.05.2017	Saturday	<ol style="list-style-type: none"><li>1) Construction Management (CE)</li><li>2) Mechanical Vibration (ME)/Automobile Engineering (ME)</li><li>3) Soft Computing (EE / EEE)</li><li>4) Antenna Engineering (EL)</li><li>5) Cryptography &amp; Network Security (CS)</li><li>6) Internet &amp; Web Technology-II (IT)</li><li>7) Quality Assurance &amp; Reliability (PE)</li><li>8) Ferro-Alloys Technology (M&amp;M)</li></ol>
09.05.2017	Tuesday	<ol style="list-style-type: none"><li>1) Pre-stressed Concrete(CE)/ Ground Improvement Technique (CE)</li><li>2) Industrial Management (ME) / Advanced Manufacturing Technology (ME)</li><li>3) Production and Operation Management (EE / EEE)</li><li>4) Intelligent Instrumentation (EL)</li><li>5) Mobile Computing (CS, IT)</li><li>6) Rapid Prototyping(PE)</li><li>7) Materials for Advanced Applications (M&amp;M)</li></ol>

**Ph.D. COURSE WORK**  
**08.00 AM TO 11.00 AM**

DATE	DAY	SUBJECT(S)
05.05.2017	Friday	1) Research Methodology

**1<sup>st</sup> Semester Executive B.Tech.**  
**TIME: 8.00 A.M. to 11.00 A.M.**

DATE	DAY	SUBJECT(S)
01.05.2017	Monday	1) Engineering Mathematics (Power Engineering) 2) Engineering Mathematics-I (Manufacturing and Process Engg.)
03.05.2017	Wednesday	1) Communication Skills (Power Engineering) 2) Engineering Physics (Manufacturing and Process Engg.)
08.05.2017	Monday	1) Engineering Thermodynamics(Power Engineering) 2) Engineering Chemistry (Manufacturing and Process Engg.)
10.05.2017	Wednesday	1) Network Theory (Power Engineering) 2) Physical Metallurgy (Manufacturing and Process Engg.)
12.05.2017	Friday	1) Electrical Machines (Power Engineering) 2) Fuels Furnaces & Refractories (Manufacturing and Process Engg.)

Sd/-  
COE, VSSUT

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

Dt.: 11.04.2017

Copy to:-All HODs/ Prof. I/C Exams. to conduct the Exam./ME-I/C/Dean, Academic Affairs/ Dean, PGS&R/ Dean, Students Welfare/ Dean, Faculty & Planning/ PIC, T&P/University Notice Boards/All Hall of Residence Notice Boards/ Medical Officer, VSSUT Dispensary/ PA to Vice-Chancellor for information of Hon'ble Vice Chancellor.

Controller of Examinations