

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 56 Exam of 2012**

## **Semester Pattern Examination**

### **Draft Program of the M.Sc. (Biotechnology) Examination to be held in March/April 2012**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means which can be used for unfair practice are not allowed in the Examination Hall.
6. The Centre's and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Solapur</b>	<b>Sangmeshwar College</b>

**<http://su.digitaluniversity.ac>**  
**Solapur University, Solapur**  
**Date:-29/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

<b>Biotechnology Sem. – I</b> (w.e.f. June 2010)			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Cell Biology, Microbiology and Virology
Thursday 12-04-2012	II	2	Proteins – Structure and Functions
Monday 16-04-2012	III	3	Biomolecules
Wednesday 18-04-2012	IV	4	Biostatistics and Bioinformatics with Computer Orientation
Practical – I :			
Practical – II :			

<b>Biotechnology Sem. – II</b> (w.e.f. October 2010)			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	I	5	Enzymology
Friday 13-04-2012	II	6	Molecular Biology
Tuesday 17-04-2012	III	7	Bioenergetics
Thursday 19-04-2012	IV	8	Tools and Techniques in Biosciences
Practical – III :			
Practical – IV :			

<b>Biotechnology Sem. – III</b> (w.e.f. June 2011)			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
Tuesday 10-04-2012	I	9	Genetic Engineering
Thursday 12-04-2012	II	10	Immunology
Monday 16-04-2012	III	11	Fermentation Technology - I
Wednesday 18-04-2012	IV	12	Plant Biotechnology
Practical – V :			
Practical – VI :			

<b>M.Sc. Biotechnology</b> <b>Semester – I to IV Examinations</b> <b>Mar./Apr. - 2012</b>
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<b>Biotechnology Sem. – IV</b> <b>(w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday</b> <b>11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Animal Cells in Biotechnology</b>
<b>Friday</b> <b>13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Industrial and Environmental Biotechnology</b>
<b>Tuesday</b> <b>17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Bioinformatics</b>
<b>Thursday</b> <b>19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Microbial Fermentation Technology</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

**SOLAPUR UNIVERSITY, SOLAPUR**  
**Circular No. 44 Exam of 2012**  
**Semester Pattern Examination**

**Draft Program of the M.Sc. (Applied Geology) Examination to  
be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
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5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practice, are not allowed in the Examination Hall.
6. The Centre's and Places of the Examinations will be as under:

Sr. No.	Centre Name	Places
1.	Solapur	Solapur University Campus

<http://su.digitaluniversity.ac>  
**Solapur University, Solapur**  
**Date:-28/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

<p>M.Sc. Applied Geology Semester – I to IV Examinations, Mar./Apr. - 2012</p>
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<b>Applied Geology Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Mineralogy & Optics
Thursday 12-04-2012	II	2	Igneous and Metamorphic Petrology
Monday 16-04-2012	III	3	Sedimentology and Palaeontology
Wednesday 18-04-2012	IV	4	Geomorphology & Morphotectonics
Practical – I :			
Practical – II :			

<b>Applied Geology Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	5	Mineralogy & Optics
Thursday 12-04-2012	II	6	Igneous and Metamorphic Petrology
Monday 16-04-2012	III	7	Sedimentology and Palaeontology
Wednesday 18-04-2012	IV	8	Geomorphology & Morphotectonics
Practical – I :			
Practical – II :			

<b>M.Sc. Applied Geology</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Applied Geology Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>9</b>	<b>Economic Geology</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>10</b>	<b>Indian Stratigraphy</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>11</b>	<b>Hydrogeology</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>12</b>	<b>Geochemistry</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>Applied Geology Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Economic Geology</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Indian Stratigraphy</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Hydrogeology</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Geochemistry</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>Applied Geology Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>17</b>	<b>Structural Geology &amp; Geotectonic</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>18</b>	<b>Mineral Exploration</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>19</b>	<b>Engineering Geology &amp; Mining Geology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>20</b>	<b>Natural Resource and Watershed Management</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

<b>Applied Geology Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>21</b>	<b>Environmental Geology &amp; Disaster Management</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>22</b>	<b>Energy Resources</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>23</b>	<b>Remote Sensing and GIS</b>
<b>Practical – VII :</b>			
<b>Practical – VIII :</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**  
**Circular No. 54 Exam of 2012**

## **Semester Pattern Examination**

**Draft Program of the M.Sc. (Bioinformatics)**

**Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
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<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Solapur</b>	<b>Sangmeshwar College</b>

**<http://su.digitaluniversity.ac>**  
**Solapur University, Solapur**  
**Date:-28/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**



M.Sc. Bioinformatics  
Semester – I to IV Examinations,  
Mar./Apr. - 2012

<b>Bioinformatics SEM. - I</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Introduction to Programming Languages and Programming Through C</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Cell Biology and Genetics</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Introduction to HTML &amp; Biostatistics</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Introduction to Bioinformatics</b>
<b>Practical – I</b>			
<b>Practical – II</b>			

<b>Bioinformatics SEM. - II</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>5</b>	<b>Programming in Object Oriented Languages</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>6</b>	<b>Microbiology and Biotechnology</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>7</b>	<b>Basic Biochemistry and Immunology</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Advanced Bioinformatics</b>
<b>Practical – III</b>			
<b>Practical – IV</b>			

<b>Bioinformatics SEM. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>9</b>	<b>DBMS with reference to Biological Data</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>10</b>	<b>Advanced Biophysical Techniques</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>11</b>	<b>Structural Biology &amp; Pharmacogenomics</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>12</b>	<b>Research Methodology in Bioinformatics</b>
<b>Practical – V</b>			
<b>Practical – VI</b>			

M.Sc. Bioinformatics  
Semester – I to IV Examinations,  
Mar./Apr. - 2012

<b>Bioinformatics SEM. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Simulation and Modeling for Biologists and Soft Computing</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Biodiversity Informatics and IPR</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Advanced Molecular Biology</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Emerging Areas of Bioinformatics</b>
<b>Practical – VII Project</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 41 Exam of 2012**

**Semester Pattern Examination**

**Draft Program of the M.Sc. (Botany) Examination to be held in  
March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
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<b>Sr. No.</b>	<b>Centre Name</b>	<b>College Name</b>
<b>1.</b>	<b>Solapur</b>	<b>Sangmeshwar College</b>

**<http://su.digitaluniversity.ac>**

**Solapur University, Solapur**

**Date:-28/02/2012**

**Sd/-  
(Dr.D.J.Salunkhe)  
Controller of Examinations**

<b>M.Sc. Botany</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Botany Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Biology and Diversity of Viruses, Bacteria and Fungi</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Biology and Diversity of Algae, Bryophytes and Pteridophytes</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Plant Ecology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Tools and Techniques in Botany</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

<b>Botany Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>5</b>	<b>Biology and Diversity of Fungi, Bacteria and Viruses</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>6</b>	<b>Biology and Diversity of Algae, Bryophytes and Pteridophytes</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>7</b>	<b>Plant Ecology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Tools and Techniques in Botany</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

M.Sc. Botany Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Botany Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>9</b>	<b>Biology &amp; Diversity of Gymnosperms &amp; Palaeobotany</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>10</b>	<b>Taxonomy of Angiosperms</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>11</b>	<b>Cell &amp; Molecular Biology of Plants</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>12</b>	<b>Plant Pathology</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>Botany Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>13</b>	<b>Biology &amp; Diversity of Gymnosperms &amp; Palaeobotany</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>14</b>	<b>Taxonomy of Angiosperms</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>15</b>	<b>Cell &amp; Molecular Biology of Plants</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>16</b>	<b>Advances in Plant Pathology</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>M.Sc. Botany</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Botany Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday</b> <b>10-04-2012</b>	<b>IX</b>	<b>17</b>	<b>Plant Embryology and Palynology</b>
<b>Thursday</b> <b>12-04-2012</b>	<b>X</b>	<b>18</b>	<b>Cytogenetics, Plant Breeding and Genetic Engineering</b>
<b>Monday</b> <b>16-04-2012</b>	<b>XI</b>	<b>19</b>	<b>Advanced Plant Physiology and Biochemistry</b>
<b>Wednesday</b> <b>18-04-2012</b>	<b>XII</b>	<b>20</b>	<b>Plant Growth and Development</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

<b>Botany Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday</b> <b>11-04-2012</b>	<b>XIII</b>	<b>21</b>	<b>Phytogeography and Conservation Biology</b>
<b>Friday</b> <b>13-04-2012</b>	<b>XIV</b>	<b>22</b>	<b>Plant Tissue Culture and Green House Technology and Hydroponics</b>
<b>Tuesday</b> <b>17-04-2012</b>	<b>XV</b>	<b>23</b>	<b>Environmental Plant Physiology</b>
<b>Thursday</b> <b>19-04-2012</b>	<b>XVI</b>	<b>24</b>	<b>Crop Physiology</b>
<b>Practical – VII :</b>			
<b>Practical – VIII :</b>			

SUS/EXAM/2583

SOLAPUR UNIVERSITY, SOLAPUR

Circular No. 47 Exam of 2012

**Semester Pattern Examination**

**Draft Program of the M.Sc. (Organic Chemistry,  
Inorganic Chemistry, Industrial Chemistry, Polymer Chemistry,  
Physical Chemistry, Analytical Chemistry)  
Examinations to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held before the written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
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6. The Centers and Places of the Examinations will be as under:

Sr. No.	Centre Name	Places
1.	Solapur	Sangmeshwar College
2.		Solapur University Campus
3.	Pandharpur	Karmaveer Bhaurao Patil Mahavidhyalaya

<http://su.digitaluniversity.ac>  
Solapur University, Solapur  
Date:-28/02/2012

Sd/-  
(Dr.D.J.Salunkhe)  
Controller of Examinations

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Organic Chemistry, Inorganic Chemistry, Industrial Chemistry, Polymer Chemistry, Physical Chemistry, Analytical Chemistry Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Inorganic Chemistry – I</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Organic Chemistry – I</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Physical Chemistry – I</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Analytical Chemistry – I</b>

<b>Organic Chemistry, Inorganic Chemistry, Industrial Chemistry, Polymer Chemistry, Physical Chemistry, Analytical Chemistry Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>5</b>	<b>Inorganic Chemistry – I</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>6</b>	<b>Organic Chemistry – I</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>7</b>	<b>Physical Chemistry – I</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Analytical Chemistry – I</b>



<b>Organic Chemistry, Industrial Chemistry, Polymer Chemistry, Physical Chemistry, Analytical Chemistry, Inorganic Chemistry Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>9</b>	<b>Inorganic Chemistry – II</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>10</b>	<b>Organic Chemistry – II</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>11</b>	<b>Physical Chemistry – II</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>12</b>	<b>Analytical Chemistry –II</b>

<b>Organic Chemistry, Industrial Chemistry, Polymer Chemistry, Physical Chemistry, Analytical Chemistry, Inorganic Chemistry Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>13</b>	<b>Inorganic Chemistry – II</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>14</b>	<b>Organic Chemistry – II</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>15</b>	<b>Physical Chemistry – II</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>16</b>	<b>Analytical Chemistry –II</b>

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Organic Chemistry Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>17</b>	<b>Organic Reaction Mechanism</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>18</b>	<b>Advanced Spectroscopic Methods</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>19</b>	<b>Advanced Synthetic Methods</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>20</b>	<b>Drugs and Heterocycles</b>

<b>Organic Chemistry Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>21</b>	<b>Theoretical Organic Chemistry</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>22</b>	<b>Stereochemistry</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>23</b>	<b>Chemistry of Natural Products</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>24</b>	<b>Applied Organic Chemistry</b>

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Industrial Chemistry Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>25</b>	<b>Unit Operations of Chemical engineering</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>26</b>	<b>Unit Processes in Chemical Technology</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>27</b>	<b>Pollution Monitoring and Control</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>28</b>	<b>Advanced Topics in Industrial Chemistry</b>

<b>Industrial Chemistry Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>29</b>	<b>Organic Chemical Industries</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>30</b>	<b>Inorganic Chemical Industries</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>31</b>	<b>Methods of Analysis in Industries</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>32</b>	<b>Industrial Management</b>

MSc Chemistry (All) Examinations Mar./Apr. 2012
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<b>Polymer Chemistry Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>33</b>	<b>Introduction to Feedstocks and Polymers</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>34</b>	<b>Physical Chemistry of Polymers</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>35</b>	<b>Fundamentals of Polymerization</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>36</b>	<b>Polymer Characterization</b>

<b>Polymer Chemistry Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>37</b>	<b>Synthetic Condensation Polymers</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>38</b>	<b>Stereochemistry of Polymers and Polymerization</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>39</b>	<b>Special Topics in Polymers</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>40</b>	<b>Polymer Properties and Processing</b>

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Physical Chemistry Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
Tuesday 10-04-2012	IX	41	Quantum Chemistry
Thursday 12-04-2012	X	42	Electrochemistry
Monday 16-04-2012	XI	43	Molecular Structure – I
Wednesday 18-04-2012	XII	44	Solid State and Nuclear Chemistry

<b>Physical Chemistry Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
Wednesday 11-04-2012	XIII	45	Statistical Mechanics and Thermodynamics
Friday 13-04-2012	XIV	46	Chemical Kinetics
Tuesday 17-04-2012	XV	47	Molecular Structure - II
Thursday 19-04-2012	XVI	48	Surface Chemistry

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Analytical Chemistry Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>49</b>	<b>Advance Separation Techniques</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>50</b>	<b>Instrumental Methods of Analysis</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>51</b>	<b>Applied Analytical Chemistry</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>52</b> <b>53</b>	<b>Analytical Spectroscopy</b> <b>OR</b> <b>Analysis of Commercial Materials</b>

<b>Analytical Chemistry Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>54</b>	<b>Advance Analytical Techniques</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>55</b>	<b>Instrumental Methods of Analysis – II</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>56</b>	<b>Chemical Analysis in Food, Body Fluids and Drug and Clinical Analysis</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>57</b> <b>58</b>	<b>Environmental Chemical Analysis</b> <b>OR</b> <b>Pharmaceutical Analysis</b>

M.Sc. Chemistry (All) Examinations, Mar./Apr. - 2012
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<b>Inorganic Chemistry Sem. – III (w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>59</b>	<b>Inorganic Chemical Spectroscopy</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>60</b>	<b>Coordination Chemistry - I</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>61</b>	<b>Nuclear Chemistry</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>62</b>	<b>Environmental Chemistry</b>

<b>Inorganic Chemistry Sem. – IV (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>63</b>	<b>Instrumental Techniques</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>64</b>	<b>Co-ordination Chemistry-II</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>65</b>	<b>Chemistry of Inorganic Materials</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>66</b>	<b>Applied Inorganic Chemistry</b>

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 51 Exam of 2012**

**Semester Pattern Examination**

**Draft Program of the M.Sc. (Computer Science) Examination  
to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practice, are not allowed in the Examination Hall.
6. The Centers and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Solapur</b>	<b>Solapur University Campus</b>
<b>2.</b>		<b>Sangmeshwar College</b>
<b>3.</b>	<b>Sangola</b>	<b>Sangola College, Sangola</b>
<b>4.</b>	<b>Akluj</b>	<b>Shankarrao Mohite Mahavidhyalaya</b>

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**Date:-29/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of examinations**



<p>M.Sc. Computer Science Semester – I to IV Examinations, Mar./Apr. - 2012</p>
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<b>Computer Science Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	OOPs Using C++
Thursday 12-04-2012	II	2	Software Engineering
Monday 16-04-2012	III	3	Computer Organisation
Wednesday 18-04-2012	IV	4	Data Structure
After the conclusion of Theory Paper		Lab – I : Project – I :	

<b>Computer Science Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	5	Object Oriented Programming using C++
Thursday 12-04-2012	II	6	Numerical Analysis
Monday 16-04-2012	III	7	Software Engineering
Wednesday 18-04-2012	IV	8	Data Structures
After the conclusion of Theory Paper		Lab – I : Project – I :	

<b>M.Sc. Computer Science</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Computer Science Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>9</b>	<b>Database Management System</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>10</b>	<b>Numerical Mathematics</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>11</b>	<b>Computer Network</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>12</b>	<b>Visual Programming</b>
<b>After the conclusion of Theory Paper</b>		<b>Lab – II :</b> <b>Project – II :</b>	

<b>Computer Science Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>13</b>	<b>Operations Research</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>14</b>	<b>Computer Communication Network</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>15</b>	<b>UML</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>16</b>	<b>DBMS</b>
<b>After the conclusion of Theory Paper</b>		<b>Lab – II :</b> <b>Project – II :</b>	

<b>M.Sc. Computer Science</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Computer Science Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday</b> <b>10-04-2012</b>	<b>IX</b>	<b>17</b>	<b>Java Programming</b>
<b>Thursday</b> <b>12-04-2012</b>	<b>X</b>	<b>18</b>	<b>Distributed Operating Systems</b>
<b>Monday</b> <b>16-04-2012</b>	<b>XI</b>	<b>19</b>	<b>Interactive Computer Graphics</b>
<b>Wednesday</b> <b>18-04-2012</b>	<b>XII</b>	<b>20</b>	<b>Simulation</b>
<b>After the conclusion of Theory Paper</b>		<b>Lab – III :</b> <b>Project – III :</b>	

<b>Computer Science Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday</b> <b>11-04-2012</b>	<b>XIII</b>	<b>21</b>	<b>.NET</b>
<b>Friday</b> <b>13-04-2012</b>	<b>XIV</b>	<b>22</b>	<b>Mobile Computing</b>
<b>Tuesday</b> <b>17-04-2012</b>	<b>XV</b>	<b>23</b>	<b>Digital Image Processing</b>
<b>Thursday</b> <b>19-04-2012</b>	<b>XVI</b>	<b>24</b>	<b>Artificial Intelligence</b>
<b>After the conclusion of Theory Paper</b>		<b>Lab – IV :</b> <b>Project – IV :</b>	

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 45 Exam of 2012**

## **Semester Pattern Examination**

### **Draft Program of the M.Sc. (Environmental Science) Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means which can be used for unfair practice are not allowed in the Examination Hall.
6. The Centre's and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>College Name</b>
<b>1.</b>	<b>Solapur</b>	<b>Solapur University Campus</b>

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**Date:-29/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

M.Sc. Environmental Science  
Semester –I to IV Examinations,  
Mar./Apr. – 2012

<b>Environmental Science Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Geomorphology</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Physical Environment and Ecology</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Environmental Chemistry</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Computer Application in Earth Science</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

<b>Environmental Science Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>5</b>	<b>Geomorphology</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>6</b>	<b>Physical Environment and Ecology</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>7</b>	<b>Environmental Chemistry</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Computer Application in Earth Science</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

M.Sc. Environmental Science Semester –I to IV Examinations, Mar./Apr. – 2012
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<b>Environmental Science Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>9</b>	<b>Analytical Techniques in Environmental Science</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>10</b>	<b>Air Pollution</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>11</b>	<b>Water &amp; Soil Pollution</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>12</b>	<b>Introduction to Geographical Information System</b>
<b>Practical – III :</b>			
<b>Practical – IV:</b>			

<b>Environmental Science Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Analytical Techniques in Environmental Science</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Air Pollution</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Water &amp; Soil Pollution</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Introductions to Remote Sensing (RS), Geographical Information System (GIS) and GPS</b>
<b>Practical – III :</b>			
<b>Practical – IV:</b>			

M.Sc. Environmental Science Semester –I to IV Examinations, Mar./Apr. – 2012
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<b>Environmental Science Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>17</b>	<b>Environmental Toxicology</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>18</b>	<b>Solid Waste &amp; Environmental Problems associated with Major Projects</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>19</b>	<b>Noise Pollution, Industrial and Occupational Health</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>20</b>	<b>Waste water Ground water Pollution</b>
<b>Practical – V :</b>			
<b>Practical – VI:</b>			

<b>Environmental Science Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>21</b>	<b>Disaster Management &amp; Environmental Technology</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>22</b>	<b>Environmental Policy, Act &amp; Planning</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>23</b>	<b>Watershed Management</b>
<b>Practical – VII :</b>			
<b>Practical – VIII:</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**  
**Circular No. 53 Exam of 2012**

## **Semester Pattern Examination**

### **Draft Program of the M.Sc. (Genetics)**

#### **Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practice, are not allowed in the Examination Hall.
6. The Centers and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Solapur</b>	<b>Sangmeshwar College</b>

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**Solapur University, Solapur**  
**Date:-29/02/2012**

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**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**



M.Sc. Genetics Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Genetics SEM. - I</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Concepts of Genetics
Thursday 12-04-2012	II	2	Biostatistics and Population genetics
Monday 16-04-2012	III	3	Cytogenetic and Genome Organization
Wednesday 18-04-2012	IV	4	Central Dogma / Molecular Biology
Practical – I Practical – II			

<b>Genetics SEM. - II</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	I	5	Regulation of Gene Expression and Developmental Genetics
Friday 13-04-2012	II	6	Concept of Biochemistry
Tuesday 17-04-2012	III	7	Advanced Microbial Genetics
Thursday 19-04-2012	IV	8	Plant Breeding, Tissue culture & Biotechnology
Practical – III Practical – IV			

<b>Genetics SEM. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 03.00 p.m. to 06.00 p.m.</b>
Tuesday 10-04-2012	I	9	Immunology
Thursday 12-04-2012	II	10	Mutagenesis and cancer Genetics
Monday 16-04-2012	III	11	Analytical Techniques in Genetics
Wednesday 18-04-2012	IV	12	Human Biomedical Genetics and Research Methodology
Practical – V Practical – VI			

<b>M.Sc. Genetics</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Genetics SEM. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Genetic Engineering</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Molecular Medicine</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Animal and Environmental Biotechnology</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Bioinformatics and Intellectual Property rights</b>
<b>Practical – VII Project</b>			

SUS/EXAM/2583

SOLAPUR UNIVERSITY, SOLAPUR

Circular No. 46 Exam of 2012

**Semester Pattern Examination**

**Draft Program of the M.Sc. (Geoinformatics) Examination to  
be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.

2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.

3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.

4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.

5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means which can be used for unfair practice are not allowed in the Examination Hall.

6. The Centre and Place of the Examination will be as under:

Sr. No.	Centre Name	College Name
1.	Solapur	Solapur University Campus

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Solapur University, Solapur  
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Controller of Examinations

M.Sc. Geoinformatics Semester –I to IV Examinations, Mar./Apr. - 2012
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<b>Geoinformatics Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Human Geography
Thursday 12-04-2012	II	2	Introduction to Geology
Monday 16-04-2012	III	3	Geomorphology
Wednesday 18-04-2012	IV	4	Computer Application in Earth Science
Practical – I :			
Practical – II :			

<b>Geoinformatics Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	5	Introduction to Geography
Thursday 12-04-2012	II	6	Introduction to Geology
Monday 16-04-2012	III	7	Geomorphology
Wednesday 18-04-2012	IV	8	Computer Application in Earth Science
Practical – I :			
Practical – II :			

<b>Geoinformatics Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>9</b>	<b>Introductions to Remote Sensing</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>10</b>	<b>Cartography &amp; Map Analysis</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>11</b>	<b>Introduction to GIS &amp; GPS</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>12</b>	<b>Digital Image Processing</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>Geoinformatics Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>13</b>	<b>Introductions to Remote Sensing</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>14</b>	<b>Cartography &amp; Map Analysis</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>15</b>	<b>Introduction to Geographical Information System &amp; GPS</b>
<b>Thursday 19-04-2012</b>	<b>IV</b>	<b>16</b>	<b>Digital Image Processing</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>M.Sc. Geoinformatics</b> <b>Semester –I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Geoinformatics Sem. – III (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>17</b>	<b>Spatial Analysis</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>18</b>	<b>Advanced Remote Sensing</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>19</b>	<b>Subsurface Structure Map preparation &amp; Interpretation</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>20</b>	<b>Introduction to Statistical Methods</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

<b>Geoinformatics Sem. – III (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>21</b>	<b>Spatial Analysis</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>22</b>	<b>Advanced Techniques in Remote Sensing</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>23</b>	<b>Advanced Techniques in GIS</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>24</b>	<b>Introduction to Statistical Methods</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

M.Sc. Geoinformatics  
Semester –I to IV Examinations,  
Mar./Apr. - 2012

<b>Geoinformatics Sem. – IV (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>25</b>	<b>Information Technology &amp; Management</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>26</b>	<b>Applications of GIS &amp; Remote Sensing (Part- I)</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>27</b>	<b>Applications of GIS &amp; Remote Sensing (Part-II)</b>
<b>Practical – VII :</b>			
<b>Practical – VIII:</b>			

<b>Geoinformatics Sem. – IV (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>I</b>	<b>28</b>	<b>Information Technology &amp; Management</b>
<b>Friday 13-04-2012</b>	<b>II</b>	<b>29</b>	<b>Applications of Remote Sensing &amp; GIS (Part- I)</b>
<b>Tuesday 17-04-2012</b>	<b>III</b>	<b>30</b>	<b>Applications of Remote Sensing &amp; GIS (Part-II)</b>
<b>Practical – VII :</b>			
<b>Practical – VIII:</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**  
**Circular No. 52 Exam of 2012**

**Semester Pattern Examination**

**Draft Program of the M.Sc.(Materials Science - Physics)**

**Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means which can be used for unfair practice are not allowed in the Examination Hall.
6. The Centre and Place of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>College Name</b>
<b>1.</b>	<b>Solapur</b>	<b>Solapur University Campus</b>

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**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**



M.Sc. Materials Science Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Materials Science (Physics) SEM. - I</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Mathematical Techniques
Thursday 12-04-2012	II	2	Condensed Matter Physics
Monday 16-04-2012	III	3	Analog & Digital Electronics
Wednesday 18-04-2012	IV	4	Analytical Techniques - I
Practical – I			
Practical – II			

<b>Materials Science (Physics) SEM. – II</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	V	5	Statistical Mechanics
Friday 13-04-2012	VI	6	Quantum Mechanics
Tuesday 17-04-2012	VII	7	Physical Chemistry
Thursday 19-04-2012	VIII	8	Analytical Techniques - II
Practical – III			
Practical – IV			

M.Sc. Materials Science Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Materials Science (Physics) SEM. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 03.00 p.m. to 06.00 p.m.</b>
Tuesday 10-04-2012	IX	9	Semiconductor Devices
Thursday 12-04-2012	X	10	Instrumentation
Monday 16-04-2012	XI	11	Elements of Material Science
Wednesday 18-04-2012	XII	12	Dielectric & Ferroelectric Materials
Practical – V Practical – VI			

<b>Materials Science (Physics) SEM. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject TIME: 03.00 p.m. to 06.00 p.m.</b>
Wednesday 11-04-2012	XIII	13	Computational Methods & Programming
Friday 13-04-2012	XIV	14	Microelectronics
Tuesday 17-04-2012	XI	15	Magnetic Materials
Thursday 19-04-2012	XII	16	Nano Science & Technology
Practical – VII Project			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 42 Exam of 2012**

## **Semester Pattern Examination**

### **Draft Program of the M.Sc. (Microbiology) Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the particular subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practice, are not allowed in the Examination Hall.
6. The Centre's and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Barshi</b>	<b>Shriman Bhausaheb Zadbuke Mahavidhyalaya</b>

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**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

<b>M.Sc. Microbiology</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Microbiology Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Morphology, Cytology and Taxonomy of Microorganisms</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Virology</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Microbial Genetics</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Medical Microbiology and Immunology-I</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

<b>Microbiology Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>5</b>	<b>Cytology and Taxonomy of Microorganisms</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>6</b>	<b>Microbiological Techniques and Scientific Writing</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>7</b>	<b>Recent Trends in Virology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Microbial Chemistry and Enzymology</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

<p>M.Sc. Microbiology Semester – I to IV Examinations, Mar./Apr. - 2012</p>
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<b>Microbiology Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>9</b>	<b>Biochemical, Biophysical and Microbiological Techniques</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>10</b>	<b>Molecular Biology and Genetics</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>11</b>	<b>Microbial Physiology, Biochemistry and Metabolism</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>12</b>	<b>Medical Microbiology and Immunology-II</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>Microbiology Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>V</b>	<b>13</b>	<b>Microbial Genetics</b>
<b>Friday 13-04-2012</b>	<b>VI</b>	<b>14</b>	<b>Microbial Physiology and Metabolism</b>
<b>Tuesday 17-04-2012</b>	<b>VII</b>	<b>15</b>	<b>Biophysics and Bioinstrumentation</b>
<b>Thursday 19-04-2012</b>	<b>VIII</b>	<b>16</b>	<b>Microbial Ecology and Diversity</b>
<b>Practical – III :</b>			
<b>Practical – IV :</b>			

<b>M.Sc. Microbiology</b> <b>Semester – I to IV Examinations,</b> <b>Mar./Apr. - 2012</b>
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<b>Microbiology Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday</b> <b>10-04-2012</b>	<b>IX</b>	<b>17</b>	<b>Biostatistics, Bioinformatics and Scientific Writing</b>
<b>Thursday</b> <b>12-04-2012</b>	<b>X</b>	<b>18</b>	<b>Enzymology and Enzyme Technology</b>
<b>Monday</b> <b>16-04-2012</b>	<b>XI</b>	<b>19</b>	<b>Microbial Technology</b>
<b>Wednesday</b> <b>18-04-2012</b>	<b>XII</b>	<b>20</b>	<b>Microbial Diversity and Extremophiles</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

<b>Microbiology Sem. - IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday</b> <b>11-04-2012</b>	<b>XIII</b>	<b>21</b>	<b>Food and Dairy Microbiology</b>
<b>Friday</b> <b>13-04-2012</b>	<b>XIV</b>	<b>22</b>	<b>Fermentation Technology</b>
<b>Tuesday</b> <b>17-04-2012</b>	<b>XV</b>	<b>23</b>	<b>Industrial Waste Management</b>
<b>Thursday</b> <b>19-04-2012</b>	<b>XVI</b>	<b>24</b>	<b>Recombinant DNA Technology</b>
<b>Practical – VII :</b>			
<b>Practical – VIII :</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 48 Exam of 2012**

**Semester Pattern Examination**

**Draft Program of the M.Sc. Physics (Applied Electronics)**

**Examination to be held in March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means which can be used for unfair practice are not allowed in the Examination Hall.
6. Old / Repeater students up to April 2010 should opt for the subject as per equivalence.
7. The Centre and Place of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>College Name</b>
<b>1.</b>	<b>Solapur</b>	<b>Solapur University Campus</b>

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**Date:-29/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

M.Sc. Applied Electronics  
Semester – I to IV Examinations,  
Mar./Apr. - 2012

<b>PHYSICS (APPLIED ELECTRONICS) SEM. – I</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Tuesday 10-04-2012	I	1	Mathematical Techniques
Thursday 12-04-2012	II	2	Condensed Matter Physics
Monday 16-04-2012	III	3	Analog & Digital Electronics
Wednesday 18-04-2012	IV	4	Classical Mechanics
Practical – I Practical – II			

<b>PHYSICS (APPLIED ELECTRONICS) SEM. – II</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	V	5	Statistical Mechanics
Friday 13-04-2012	VI	6	Quantum Mechanics
Tuesday 17-04-2012	VII	7	Electromagnetic Theory
Thursday 19-04-2012	VIII	8	Microprocessors & Microcontrollers
Practical – III Practical – IV			

<b>PHYSICS (APPLIED ELECTRONICS) SEM. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
Tuesday 10-04-2012	IX	9	Semiconductor Devices
Thursday 12-04-2012	X	10	Instrumentation
Monday 16-04-2012	XI	11	Communication System
Wednesday 18-04-2012	XII	12	Atomic & Nuclear Physics
Practical – V : Project – I :			



M.Sc. Applied Electronics  
Semester – I to IV Examinations,  
Mar./Apr. - 2012

<b>PHYSICS (APPLIED ELECTRONICS) SEM. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>13</b>	<b>Computational Methods and Programming</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>14</b>	<b>Microelectronics</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>15</b>	<b>Microwave Engineering</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>16</b>	<b>Microprocessor &amp; Interfacing</b>
<b>Practical – VI :</b> <b>Project – II :</b>			

**SUS/EXAM/2583**

**SOLAPUR UNIVERSITY, SOLAPUR**

**Circular No. 43 Exam of 2012**

## **Semester Pattern Examination**

**Draft Program of the M.Sc. (Zoology) Examination to be held in  
March/April 2012.**

1. The Candidates at the above examination are requested to be present **FIFTEEN MINUTES** before the time starting of the first paper and **TEN MINUTES** before the time appointed for starting of each subsequent paper. Candidates are forbidden to take any book or paper into the Examination Hall.
2. The Practical examination will be held after written examination. The information regarding place, date and time of the Practical Examination will be notified in the Practical Programme of the subject. Those who fail to present themselves at the Practical Examination on the scheduled date and time will not be examined in Practical. The Practical Programme will be displayed on the notice board of the College/Department.
3. The Examination Programme is subject to change. If there is any change in the Examination Programme the University is not responsible for the loss or inconvenience caused to the candidates.
4. The external candidates are requested to see their examination seat number as well as place of the examination on the notice board of the University / College at least two days before the date of examination.
5. Cellular Phone, Pager, Scientific Calculator, Digital Diary or any means, which can be used for unfair practice, are not allowed in the Examination Hall.
6. The Centre's and Places of the Examinations will be as under:

<b>Sr. No.</b>	<b>Centre Name</b>	<b>Places</b>
<b>1.</b>	<b>Solapur</b>	<b>Sangmeshwar College</b>

**<http://su.digitaluniversity.ac>**  
**Solapur University, Solapur**  
**Date:-29/02/2012**

**Sd/-**  
**(Dr.D.J.Salunkhe)**  
**Controller of Examinations**

M.Sc. Zoology Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Zoology Sem. – I (Old up to March 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>1</b>	<b>Biosystematics</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>2</b>	<b>Tools and Techniques in Biology</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>3</b>	<b>Cell and Molecular Biology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>4</b>	<b>Population Genetics and Evolution</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

<b>Zoology Sem. – I (New w.e.f. June 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>I</b>	<b>5</b>	<b>Biosystematics</b>
<b>Thursday 12-04-2012</b>	<b>II</b>	<b>6</b>	<b>Tools and Techniques in Biology</b>
<b>Monday 16-04-2012</b>	<b>III</b>	<b>7</b>	<b>Cell and Molecular Biology</b>
<b>Wednesday 18-04-2012</b>	<b>IV</b>	<b>8</b>	<b>Population Genetics and Evolution</b>
<b>Practical – I :</b>			
<b>Practical – II :</b>			

M.Sc. Zoology Semester – I to IV Examinations, Mar./Apr. - 2012
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<b>Zoology Sem. – II (Old up to October 2012)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	V	9	Computational Biology
Friday 13-04-2012	VI	10	General and Comparative Endocrinology
Tuesday 17-04-2012	VII	11	Developmental Biology
Thursday 19-04-2012	VIII	12	Environmental Physiology
Practical – III :			
Practical – IV :			

<b>Zoology Sem. – II (New w.e.f. October 2011)</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 11.00 a.m. to 02.00 p.m.</b>
Wednesday 11-04-2012	V	13	Computational Biology
Friday 13-04-2012	VI	14	General and Comparative Endocrinology
Tuesday 17-04-2012	VII	15	Developmental Biology
Thursday 19-04-2012	VIII	16	Environmental Physiology
Practical – III :			
Practical – IV :			

<p>M.Sc. Zoology Semester – I to IV Examinations, Mar./Apr. - 2012</p>
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<b>Zoology Sem. – III</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Tuesday 10-04-2012</b>	<b>IX</b>	<b>17</b>	<b>Molecular Cytogenetics</b>
<b>Thursday 12-04-2012</b>	<b>X</b>	<b>18</b>	<b>Wild Life and Conservation Biology</b>
<b>Monday 16-04-2012</b>	<b>XI</b>	<b>19</b>	<b>Comparative Animal Physiology</b>
<b>Wednesday 18-04-2012</b>	<b>XII</b>	<b>20</b>	<b>Biochemistry</b>
<b>Practical – V :</b>			
<b>Practical – VI :</b>			

<b>Zoology Sem. – IV</b>			
<b>Day &amp; Date</b>	<b>Paper No.</b>	<b>Sr.No.</b>	<b>Subject</b> <b>TIME: 03.00 p.m. to 06.00 p.m.</b>
<b>Wednesday 11-04-2012</b>	<b>XIII</b>	<b>21</b>	<b>Animal Biotechnology</b>
<b>Friday 13-04-2012</b>	<b>XIV</b>	<b>22</b>	<b>Applied Zoology</b>
<b>Tuesday 17-04-2012</b>	<b>XV</b>	<b>23</b>	<b>Environmental Biology and Toxicology</b>
<b>Thursday 19-04-2012</b>	<b>XVI</b>	<b>24</b>	<b>Zoo Keeping and Animal House Management</b>
<b>Practical – VII :</b>			
<b>Practical – VIII :</b>			