

## SUMMARY OF LESSON PLAN

**Name of the Assistant/ Associate Professor** : **Neelam Gautam**  
**Class and Section** : **B.sc-III paper-I**  
**Subject Lesson Plan** : **BOTANY**  
**Month** : **January 2018**

<b>Date</b>	<b>Topics</b>
<b>01-01-2018</b>	<b>Basics of enzymologist- general introduction</b>
<b>02-01-2018</b>	<b>Discovery and nomenclature</b>
<b>03-01-2018</b>	<b>Character sties of nomenclature</b>
<b>04-01-2018</b>	<b>Problem discussions</b>
<b>05-01-2018</b>	<b>GURU GOVIND SINGH JAYANTI</b>
<b>06-01-2018</b>	<b>Revision</b>
<b>07-01-2018</b>	<b>SUNDAY</b>
<b>08-01-2018</b>	<b>Test</b>
<b>09-01-2018</b>	<b>Concept of Holoenzy me</b>
<b>10-01-2018</b>	<b>Coenzyme</b>
<b>11-01-2018</b>	
<b>12-01-2018</b>	
<b>13-01-2018</b>	
<b>14-01-2018</b>	<b>SUNDAY</b>
<b>15-01-2018</b>	<b>Cofactor</b>
<b>16-01-2018</b>	<b>Regulation of enzyme activity</b>

**Month**

**: January 2018**

<b>Date</b>	<b>Particulars</b>
<b>17-01-2018</b>	<b>Mechanism of action</b>
<b>18-01-2018</b>	<b>Problem discussion</b>
<b>19-01-2018</b>	<b>Revision</b>
<b>20-01-2018</b>	<b>Test</b>
<b>21-01-2018</b>	<b>SUNDAY</b>
<b>22-01-2018</b>	<b>VASANT PANCHAMI</b>
<b>23-01-2018</b>	<b>Growth and development- general introduction</b>
<b>24-01-2018</b>	<b>SIR CHOTU RAM JAYANTI</b>
<b>25-01-2018</b>	
<b>26-01-2018</b>	<b>REPUBLIC DAY</b>
<b>27-01-2018</b>	
<b>28-01-2018</b>	<b>SUNDAY</b>
<b>29-01-2018</b>	<b>Phases of growth and development</b>
<b>30-01-2018</b>	<b>Plants Hormones- Auxins</b>
<b>31-01-2018</b>	<b>GURU RAVIDAS BIRTHDAY</b>

**Month**

**: February 2018**

<b>Date</b>	<b>Topics</b>
<b>01-02-2018</b>	<b>Gibberellins</b>
<b>02-02-2018</b>	<b>Cytokines</b>
<b>03-02-2018</b>	<b>Abscissa acid</b>
<b>04-02-2018</b>	<b>SUNDAY</b>
<b>05-02-2018</b>	<b>Ethylene</b>
<b>06-02-2018</b>	<b>Problem discussion</b>
<b>07-02-2018</b>	<b>Revision</b>
<b>08-02-2018</b>	
<b>09-02-2018</b>	
<b>10-02-2018</b>	<b>MAHARSHI DAYANAND SARASWATI JAYANTI</b>
<b>11-02-2018</b>	<b>SUNDAY</b>
<b>12-02-2018</b>	<b>Test</b>
<b>13-02-2018</b>	<b>MAHA SHIVRATRI</b>
<b>14-02-2018</b>	<b>Seminar</b>
<b>15-02-2018</b>	<b>Photo-morphogenesis</b>
<b>16-02-2018</b>	<b>Photo chromes and their discussion</b>

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**Month**

**: February 2018**

<b>Date</b>	<b>Particulars</b>
<b>17-02-2018</b>	<b>Physiological role</b>
<b>18-02-2018</b>	<b>SUNDAY</b>
<b>19-02-2018</b>	<b>Mechanism of action</b>
<b>20-02-2018</b>	<b>Problem discussion</b>
<b>21-02-2018</b>	<b>Revision</b>
<b>22-02-2018</b>	
<b>23-02-2018</b>	
<b>24-02-2018</b>	
<b>25-02-2018</b>	<b>SUNDAY</b>
<b>26-02-2018</b>	<b>Test</b>
<b>27-02-2018</b>	<b>Lipid metabolism- st. and function</b>
<b>28-02-2018</b>	<b>VACATION</b>

**Month** : **March 2018**

<b>Date</b>	<b>Topics</b>
<b>01-03-2018</b>	<b>GURU RAVIDAS BIRTHDAY</b>
<b>02-03-2018</b>	<b>HOLI</b>
<b>03-03-2018</b>	<b>VACATION</b>
<b>04-03-2018</b>	<b>SUNDAY</b>
<b>05-03-2018</b>	<b>Fatty acid Biosynthesis</b>
<b>06-03-2018</b>	<b>B-Oxidation</b>
<b>07-03-2018</b>	<b>Saturated fatty acid</b>
<b>08-03-2018</b>	
<b>09-03-2018</b>	
<b>10-03-2018</b>	
<b>11-03-2018</b>	<b>SUNDAY</b>
<b>12-03-2018</b>	<b>Unsaturated fatty acid</b>
<b>13-03-2018</b>	<b>Storage and metabolization of fatty acid</b>
<b>14-03-2018</b>	<b>Problem discussion</b>
<b>15-03-2018</b>	<b>Revision</b>
<b>16-03-2018</b>	<b>Test</b>

Month

: March 2018

Date	Particulars
17-03-2018	Seminar
18-03-2018	SUNDAY
19-03-2018	Nitrogen metabolism- Biology of N <sub>2</sub> - fixation
20-03-2018	Importance of nitrate reeducates
21-03-2018	Ammonium assimilation
22-03-2018	
23-03-2018	<u>SHAHEEDI DIWAS OF BHAGAT SINGH, RAJGURU &amp; SUKHDEV</u>
24-03-2018	
25-03-2018	SUNDAY/ RAM NAVMI
26-03-2018	Test
27-03-2018	Tool and Techniques of recombinant DNA technology
28-03-2018	Cloning vector
29-03-2018	MAHAVIR JAYANTI
30-03-2018	GOOD FRIDAY
31-03-2018	Genomic and CDNA library

**Month : April 2018**

<b>Date</b>	<b>Topics</b>
01-04-2018	SUNDAY
02-04-2018	Transposable elements
03-04-2018	Aspect of plants tissue culture
04-04-2018	Revision
05-04-2018	
06-04-2018	
07-04-2018	
08-04-2018	SUNDAY
09-04-2018	Test
10-04-2018	Assignment
11-04-2018	Cellular Tot potency
12-04-2018	Differentiation and morphogenesis
13-04-2018	Biology of agro- bacterium
14-04-2018	<a href="#"><u>DR AMBEDKAR JAYANTI / VAISAKHI</u></a>
15-04-2018	SUNDAY
16-04-2018	Vectors for gene delivery

**Month : April 2018**

<b>Date</b>	<b>Particulars</b>
<b>17-04-2018</b>	<b>Marker genes</b>
<b>18-04-2018</b>	<b><u>PARASHURAMA JAYANTI</u></b>
<b>19-04-2018</b>	
<b>20-04-2018</b>	
<b>21-04-2018</b>	
<b>22-04-2018</b>	<b>SUNDAY</b>
<b>23-04-2018</b>	<b>Discussion</b>
<b>24-04-2018</b>	<b>Test</b>
<b>25-04-2018</b>	<b>Revision</b>
<b>26-04-2018</b>	<b>Test</b>
<b>27-04-2018</b>	<b>Quizzes</b>
<b>28-04-2018</b>	<b>Test</b>
<b>29-04-2018</b>	
<b>30-04-2018</b>	