

# Department of Botany

St. Thomas College, Ranni

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## E-Learning Resources

Sl #	Topic	Material	Action
<b>Bryology</b>			
1	General introduction and classification of bryophytes	MS Ppt	<a href="#">View / Download</a>
2	Riccia,	MS Ppt	<a href="#">View / Download</a>
3	Marchantia	MS Ppt	<a href="#">View / Download</a>
4	Anthoceros	MS Ppt	<a href="#">View / Download</a>
5	Funaria	MS Ppt	<a href="#">View / Download</a>
<b>Gymnosperms &amp; Paleobotany</b>			
6	General Introduction & Economic Importance of Gymnosperms	MS Ppt	<a href="#">View / Download</a>
7	Classification of Gymnosperms	MS Ppt	<a href="#">View / Download</a>
8	Cycadopsida – Cycas	MS Ppt	<a href="#">View / Download</a>
9	Coniferopsida – Pinus	MS Ppt	<a href="#">View / Download</a>
10	Gnetopsidae – Gnetum	MS Ppt	<a href="#">View / Download</a>
11	Affinities of Gymnosperms with Pteridophytes and Angiosperms	MS Ppt	<a href="#">View / Download</a>
12	Paleo Botany & Fossils	MS Ppt	<a href="#">View / Download</a>
<b>Anatomy of Angiosperms</b>			
12	Cell Wall	MS Ppt	<a href="#">View / Download</a>
13	Non-living Cell Inclusions in plant cells	MS Ppt	<a href="#">View / Download</a>
14	Meristematic tissue	MS Ppt	<a href="#">View / Download</a>
15	Permanent tissues	MS Ppt	<a href="#">View / Download</a>
16	Secretory tissues:	MS Ppt	<a href="#">View / Download</a>
17	Epidermal tissue system	MS Ppt	<a href="#">View / Download</a>
18	Ground tissue system	MS Ppt	<a href="#">View / Download</a>
19	Vascular tissue system	MS Ppt	<a href="#">View / Download</a>
20	Primary structure of stem, root and leaf	MS Ppt	<a href="#">View / Download</a>
21	Normal secondary growth in dicot stem and root	MS Ppt	<a href="#">View / Download</a>
22	Anomalous secondary thickening	MS Ppt	<a href="#">View / Download</a>
23	Basic structure of wood	MS Ppt	<a href="#">View / Download</a>
24	Reaction wood	MS Ppt	<a href="#">View / Download</a>

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<b>Reproductive Botany of Angiosperms</b>			
25	Plant Embryology : Introduction & floral morphology	MS Ppt	<a href="#">View / Download</a>
26	Microsporangium: Structure and development of anther,	MS Ppt	<a href="#">View / Download</a>
27	Megasporangium: Types of ovules & Placentation	MS Ppt	<a href="#">View / Download</a>
28	Megasporogenesis	MS Ppt	<a href="#">View / Download</a>
29	Structure of embryo sac	MS Ppt	<a href="#">View / Download</a>
30	Mechanism of pollination and fertilization	MS Ppt	<a href="#">View / Download</a>
31	Agents of pollination	MS Ppt	<a href="#">View / Download</a>
32	Endosperm : types	MS Ppt	<a href="#">View / Download</a>
33	Embryogeny	MS Ppt	<a href="#">View / Download</a>
<b>Plant Microtechnique</b>			
34	Killing & Fixing	MS Ppt	<a href="#">View / Download</a>
35	Sectioning	MS Ppt	<a href="#">View / Download</a>
36	Stains & Staining Technique	MS Ppt	<a href="#">View / Download</a>
37	Maceration – smear and squash	MS Ppt	<a href="#">View / Download</a>
<b>Horticulture &amp; Nursery Management</b>			
38	Classification of horticultural plants & disciplines of horticulture	MS Ppt	<a href="#">View / Download</a>
39	Garden tools and implements	MS Ppt	<a href="#">View / Download</a>
40	Manures & fertilizers	MS Ppt	<a href="#">View / Download</a>
41	Vegetative propagation by artificial methods – Layering	MS Ppt	<a href="#">View / Download</a>
42	Propagation of horticultural plants - by seeds	MS Ppt	<a href="#">View / Download</a>
43	Vegetative propagation by normal and specialised vegetative parts	MS Ppt	<a href="#">View / Download</a>
44	Vegetative propagation by artificial methods – budding and grafting	MS Ppt	<a href="#">View / Download</a>
45	Vegetative propagation by artificial methods - micropropagation	MS Ppt	<a href="#">View / Download</a>
46	Flower Arrangement	MS Ppt	<a href="#">View / Download</a>
47	Cultivation of Pineapple and Mango	MS Ppt	<a href="#">View / Download</a>
48	Olericulture – Vegetable Cultivation	MS Ppt	<a href="#">View / Download</a>
49	Gardening-types and garden designing	MS Ppt	<a href="#">View / Download</a>
50	Garden components	MS Ppt	<a href="#">View / Download</a>
51	Physical control of plant growth	MS Ppt	<a href="#">View / Download</a>
52	Bonsai – preparation and maintenance	MS Ppt	<a href="#">View / Download</a>
53	Lawn – preparation and maintenance	MS Ppt	<a href="#">View / Download</a>
54	Banana Cultivation	MS Ppt	<a href="#">View / Download</a>

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Microbiology			
55	Bacteria	Presentation -PDF	<a href="#">View / Download</a>
56	Virus	Presentation -PDF	<a href="#">View / Download</a>
Plant Physiology			
57	Photosynthesis	Presentation -PDF	<a href="#">View / Download</a>
58	Mineral Nutrition	Presentation -PDF	<a href="#">View / Download</a>
Cytology			
59	Cell Division	Presentation -PDF	<a href="#">View / Download</a>