

Semester III**Course Title: Plant Resources and Utilization****Course Code: Bot-352****Credits: 4**

Lecture No.	Title of the Lecture	Unit Reference	Name of the Faculty	Time Slot	Date
1	Food supplements: Agaricus bisporous (distribution, botany, classification, part and method of use, nutritive value)	2.1	Dr. Shreekar Pant	9.30 am	16/7/2020*
2	Hippophae rhamnoides (distribution, botany, classification, part and method of use, nutritive value)	2.1	Dr. Shreekar Pant	9.30 am	20/7/2020*
3	Spices and condiments: Crocus sativus (distribution, botany, classification, parts used and method of use)	2.2	Dr. Shreekar Pant	9.30 am	23/7/2020*
4	Piper nigrum (distribution, botany, classification, parts used and method of use)	2.2	Dr. Shreekar Pant	9.30 am	27/7/2020*
5	Sources of beverages: non-alcoholic: Camellia sinensis (tea) and (distribution, botany, classification, part and method of use).	2.3	Dr. Shreekar Pant	9.30 am	30/7/2020*
6	Coffea arabica (coffee) (distribution, botany, classification, part and method of use).	2.3	Dr. Shreekar Pant	9.30 am	6/8/2020*
7	Alcoholic: Vitis vinifera (grapes) (distribution, botany, classification, part and method of use).	2.3	Dr. Shreekar Pant	9.30 am	10/8/2020*
8	Fodders: Grewia optiva (distribution, botany, part and methods of use)	2.4	Dr. Shreekar Pant	9.30 am	17/8/2020
9	Fodders: Morus alba (distribution, botany, part and methods of use)	2.4	Dr. Shreekar Pant	9.30 am	20/8/2020
10	Fibers: Gossypium spp., (distribution, botany, classification, part used and durability).	2.4	Dr. Shreekar Pant	9.30 am	24/8/2020
11	Fibers: Chorchorus capsularis (distribution, botany, classification, part used and durability).	2.4	Dr. Shreekar Pant	9.30 am	27/8/2020
12	Timbers: Pinus roxburghii (distribution, botany, classification, wood structure)	3.1	Dr. Shreekar	9.30 am	3/9/2020

	and properties).		Pant		
13	Dalbregia sissoo (distribution, botany, classification, wood structure and properties).	3.1	Dr. Shreekar Pant	9.30 am	7/9/2020
14	Tectona grandis (distribution, botany, classification, wood structure and properties).	3.1	Dr. Shreekar Pant	9.30 am	10/9/2020
15	Dye-yielding plants: definition; history and sources of natural dyes, commonly used dye plants: Lawsonia inermis	3.2	Dr. Shreekar Pant	9.30 am	14/9/2020
16	Dye-yielding plants: commonly used dye plants: Indigofera tinctoria.	3.2	Dr. Shreekar Pant	9.30 am	17/9/2020
17	Less used colouring matter: balsam, marigold (distribution, botany, part used and commercial importance).	3.3	Dr. Shreekar Pant	9.30 am	21/9/2020
18	Less used colouring matter: Punica granatum, Reinwardtia indica (distribution, botany, part used and commercial importance).	3.3	Dr. Shreekar Pant	9.30 am	24/9/2020
19	Bio-preservatives: (mustard, sugar) (distribution, botany, part used and commercial importance).	3.4	Dr. Shreekar Pant	9.30 am	28/9/2020
20	Medicines: antioxidants (Ginkgo biloba); (distribution, botany, classification, part and method of use, and medicinal value).	4.1	Dr. Shreekar Pant	9.30 am	1/10/2020
21	adaptogens (Eleutherococcus senticosus) (distribution, botany, classification, part and method of use, and medicinal value).	4.1	Dr. Shreekar Pant	9.30 am	5/10/2020
22	Cordyceps sinensis (distribution, botany, classification, part and method of use, and medicinal value).	4.2	Dr. Shreekar Pant	9.30 am	8/10/2020
23	Anodynes (Atropa belladonna, Zingiber officinale); (distribution, botany, classification, part and method of use, and medicinal value).	4.3	Dr. Shreekar Pant	9.30 am	12/10/2020
24	Laxatives (Aloe vera and Plantago ovata) (distribution, botany, classification, part and method of use, and medicinal value).	4.3	Dr. Shreekar Pant	9.30 am	15/10/2020

25	Aromatic oils (Thymus serpyllum) (distribution, botany, classification, part and method of use, and medicinal value).	4.3	Dr. Shreekar Pant	9.30 am	19/10/2020
26	Lavandula angustifolia) (distribution, botany, classification, part and method of use, and medicinal value).	4.3	Dr. Shreekar Pant	9.30 am	22/10/2020
27	Anti-cancerous (Taxus baccata subsp. wallichiana) (distribution, botany, classification, part and method of use, and medicinal value).	4.4	Dr. Shreekar Pant	9.30 am	26/10/2020
28	Anti-cancerous (Podophyllum hexandrum) (distribution, botany, classification, part and method of use, and medicinal value).	4.4	Dr. Shreekar Pant	9.30 am	2/11/2020
29	Bio-sweeteners (Stevia rebaudiana) (distribution, botany, classification, part and method of use and efficacy).	5.1	Dr. Shreekar Pant	9.30 am	5/11/2020
30	Bio-sweeteners (Glycyrrhiza glabra) (distribution, botany, classification, part and method of use and efficacy).	5.1	Dr. Shreekar Pant	9.30 am	9/11/2020
31	Bio-flavors (Vanilla planifolia and Fragaria virginiana) (distribution, botany, classification, part and method of use and efficacy).	5.2	Dr. Shreekar Pant	9.30 am	12/11/2020
32	Bio-gums (Caesalpina spinosa and Trigonella foenum-graecum) (distribution, botany, classification, part and method of use and efficacy)	5.3	Dr. Shreekar Pant	9.30 am	16/11/2020
33	Bio-cosmetics (Aloe vera and Santalum album) (distribution, botany, classification, part and method of use).	5.4	Dr. Shreekar Pant	9.30 am	19/11/2020

*Already Taught

Note: Unit I will be taught by Dr. Mohd Asgher (Assistant Professor) as per the time table and he will provide the detail of the same.

(Shreekar Pant)