

### Assignment Titles for Third Semester- 2019-2020 Batch

Roll No.	Name	Assignment Titles
193460001	VIJAYA M	3.1. Classification of microorganisms 3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari 3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina</i> , <i>Dunaliella</i> , <i>Hematococcus</i> and <i>Botryococcus</i> .
193460002	HARITHA R	3.1. Nutrition, Growth and Reproduction of Bacteria 3.2. Origin and History, Botanical description, Cultivation, Processing and uses of Medicinal Plants: Guggul, Basil, Saraca and Neem. 3.3. Single cell protein – bioactive compounds, industrial enzymes, biofuel and other bioproducts from algae.
193460003	REKHA S	3.1. Classification of viruses 3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Sun flower, Soya bean, Peanut. 3.3. Azolla – Mass cultivation of blue green algae in field -Importance and selection of carrier materials – Immobilization technique
193460004	ISWARYA R	3.1. Ultrastructure and Characteristics of Viruses 3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Palm Oil, Coconut and Gingelly. 3.3. Mass cultivation of macro algae: rope cultivation – culturing in the laboratory – Applications of seaweeds in biotechnology.
193460005	MEENA S	3.1. Microbial Products 3.2. Origin and History, Botanical description, Harvesting and uses of Fibers: Cotton, Jute, Sun hemp. 3.3. Pure Culture Techniques for Mushroom cultivation.
193460006	MAHALAKSHMI B	3.1. Replication and Transmission of Viruses 3.2. Origin and History, Botanical description, and uses of Timber: Teak, Rosewood, Ebony, Sal and Mahogany. 3.3. Mushroom Spawn preparation
193460007	THENMOZHI P	3.1. Defense Mechanisms in Plants 3.2. Phytogeographic zones, Vegetation types of India and Tamilnadu 3.3. Genetics of algae – <i>nif</i> genes – strain improvement – transformation – protoplast fusion technique for macro algae.
193460008	GNANASEKARAN S	3.1. Control measures of plant diseases 3.2. Biodiversity act of India 2002 and 2004 3.3. Preparation of compost and cultivation of white button mushroom, paddy straw mushroom and oyster mushroom.
193460009	SUTHA S	3.1. Etiology , Epidemics and Disease forecasting 3.2. Different types of intellectual property rights (IPR) - Patents, Trade mark, Trade secret and Copy right. 3.3. Factors affecting mushroom cultivation - Insects and pest attacking mushroom – fungal, bacterial, viral diseases.
193460010	AGILA N	3.1. Plant diseases – Late blight of potato, Leaf spot diseases of groundnut, Anthracnose of mango. 3.2. Wildlife Sanctuaries, National parks and Biosphere Reserves, Hotspot biodiversity areas in India 3.3. Seaweed liquid fertilizers preparation and their potential in agriculture and horticulture.
193460011	JAQULIN JEBAMALAI	3.1. Classification of microorganisms

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	VIMALA A	3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari 3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina</i> , <i>Dunaliella</i> , <i>Hematococcus</i> and <i>Botryococcus</i> .
193460012	UMAMAGESHWARI M	3.1. Plant diseases- Tobacco mosaic virus, Bunchy top of banana, Blast and sheath blight of paddy. 3.2. Population biology- Basic concepts –Gause’s principle, survivorship curves – self- regulating mechanisms. 3.3. Types of edible mushroom available in India – Medicinal and other uses
193460013	KAVITHA SUGANTHAVATHI C	3.1. Classification of microorganisms 3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari 3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina</i> , <i>Dunaliella</i> , <i>Hematococcus</i> and <i>Botryococcus</i> .

**Last Date for Submission of Assignments: 5<sup>th</sup> January, 2021 10:00 a.m.**