

Assignment Titles for Third Semester- 2022-2024 Batch

Roll No.	Name	Assignment Titles
2022023460001	DAISY A	<p>3.1. Classification of microorganisms</p> <p>3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari</p> <p>3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina, Dunaliella, Hematococcus</i> and <i>Botryococcus</i>.</p>
2022023460002	VISHNU PRIYA R	<p>3.1. Nutrition, Growth and Reproduction of Bacteria</p> <p>3.2. Origin and History, Botanical description, Cultivation, Processing and uses of Medicinal Plants: Guggul, Basil, Saraca and Neem.</p> <p>3.3. Single cell protein – bioactive compounds, industrial enzymes, biofuel and other bioproducts from algae.</p>
2022023460003	SIVASANKARI A	<p>3.1. Classification of viruses</p> <p>3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Sun flower, Soya bean, Peanut.</p> <p>3.3. Azolla – Mass cultivation of blue green algae in field -Importance and selection of carrier materials – Immobilization technique</p>
2022023460004	SELVA JOTHI R	<p>3.1. Ultrastructure and Characteristics of Viruses</p> <p>3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Palm Oil, Coconut and Gingelly.</p> <p>3.3. Mass cultivation of macro algae: rope cultivation – culturing in the laboratory – Applications of seaweeds in biotechnology.</p>
2022023460005	BAKIA LAKSHMI B	<p>3.1. Microbial Products</p> <p>3.2. Origin and History, Botanical description, Harvesting and uses of Fibers: Cotton, Jute, Sun hemp.</p> <p>3.3. Pure Culture Techniques for Mushroom cultivation.</p>
2022023460006	DIVYA BHARATHY G	<p>3.1. Replication and Transmission of Viruses</p> <p>3.2. Origin and History, Botanical description, and uses of Timber: Teak, Rosewood, Ebony, Sal and Mahogany.</p> <p>3.3. Mushroom Spawn preparation</p>
2022023460007	HAMEEDHA BANU O	<p>3.1. Defense Mechanisms in Plants</p> <p>3.2. Phytogeographic zones, Vegetation types of India and Tamilnadu</p> <p>3.3. Genetics of algae – <i>nif</i> genes – strain improvement – transformation – protoplast fusion technique for macroalgae.</p>
2022023460008	FEMINA D	<p>3.1. Control measures of plant diseases</p> <p>3.2. Biodiversity act of India 2002 and 2004</p> <p>3.3. Preparation of compost and cultivation of white button mushroom, paddy straw mushroom and oyster mushroom.</p>
2022023460009	SHOBHA R	<p>3.1. Etiology , Epidemics and Disease forecasting</p> <p>3.2. Different types of intellectual property rights (IPR) - Patents, Trade mark, Trade secret and Copy right.</p> <p>3.3. Factors affecting mushroom cultivation - Insects and pest attacking mushroom – fungal, bacterial, viral diseases.</p>
2022023460010	RAMYA A S	<p>3.1. Plant diseases – Late blight of potato, Leaf spot diseases of groundnut, Anthracnose of mango.</p> <p>3.2. Wildlife Sanctuaries, National parks and Biosphere Reserves, Hotspot biodiversity areas in India</p> <p>3.3. Seaweed liquid fertilizers preparation and their potential in agriculture and horticulture.</p>

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2022023460011	SELVI R	<p>3.1. Classification of microorganisms</p> <p>3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari</p> <p>3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina, Dunaliella, Hematococcus</i>and<i>Botryococcus</i>.</p>
2022023460012	BOOMINATHAN A	<p>3.1. Plant diseases- Tobacco mosaic virus, Bunchy top of banana, Blast and sheath blight of paddy.</p> <p>3.2. Population biology- Basic concepts –Gause’s principle, survivorship curves – self- regulating mechanisms.</p> <p>3.3. Types of edible mushroom available in India – Medicinal and other uses</p>
2022023460013	GURU LEXMI K	<p>3.1. Classification of microorganisms</p> <p>3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari</p> <p>3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina, Dunaliella, Hematococcus</i>and<i>Botryococcus</i>.</p>
2022023460014	KANIPRIYA V	<p>3.1. Classification of viruses</p> <p>3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Sun flower, Soya bean, Peanut.</p> <p>3.3. Azolla – Mass cultivation of blue green algae in field -Importance and selection of carrier materials – Immobilization technique</p>
2022023460015	DIVYA BHARATHI T	<p>3.1. Ultrastructure and Characteristics of Viruses</p> <p>3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Palm Oil, Coconut and Gingelly.</p> <p>3.3. Mass cultivation of macro algae: rope cultivation – culturing in the laboratory – Applications of seaweeds in biotechnology.</p>
2022023460016	REGHA N	<p>3.1. Microbial Products</p> <p>3.2. Origin and History, Botanical description, Harvesting and uses of Fibers: Cotton, Jute, Sun hemp.</p> <p>3.3. Pure Culture Techniques for Mushroom cultivation.</p>
2022023460017	JOTHI LAKSHMI R	<p>3.1. Classification of microorganisms</p> <p>3.2. Origin and History ,Botanical description, Cultivation, Processing and uses of Medicinal Plants: Rauvolfia, Aconitum, Jatamansi, Sathavari</p> <p>3.3. Upstream and downstream processes of algal cultivation - <i>Spirulina, Dunaliella, Hematococcus</i>and<i>Botryococcus</i>.</p>
2022023460018	SUGANTHI S	<p>3.1. Nutrition, Growth and Reproduction of Bacteria</p> <p>3.2. Origin and History, Botanical description, Cultivation, Processing and uses of Medicinal Plants: Goggul, Basil, Saraca and Neem.</p> <p>3.3. Single cell protein – bioactive compounds, industrial enzymes, biofuel and other bioproducts from algae.</p>
2022023460019	AMALORPAVA ESKALIN VINNOLI X	<p>3.1. Classification of viruses</p> <p>3.2. Origin and History, Botanical description, Harvesting, Extraction and uses of Fatty oils and Vegetable Fats: Sun flower, Soya bean, Peanut.</p> <p>3.3. Azolla – Mass cultivation of blue green algae in field -Importance and selection of carrier materials – Immobilization technique</p>

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2022023460020	VIGNESWARI S	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.
2022023460021	SASI REKHA T	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.
2022023460022	DEVA AARO VINCY A	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
2022023460023	PREETHI J G	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 macroalgae.
2022023460024	JAYALAKSHMI K	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.

Last Date for Submission of Assignments: 21st August, 2023 10:00 a.m.

Hard Copies of the Assignments should reach the following address on or before the Last Date mentioned above:

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