

Assignment topics

- The Impact of Abiotic Stresses on Plant Productivity: A Comparative Study of Drought, Salinity, and Temperature Stress.
- Understanding the Role of Plant Cell Membranes in Signal Perception: Mechanisms and Significance.
- Unraveling Signal Transduction Pathways in Plants: Insights into Cellular and Whole Plant Responses to External Factors.
- Drought Stress and its Effects on Plant Growth and Development: Mechanisms and Adaptation Strategies.
- Exploring the Components of Drought Resistance in Plants: Physiological, Biochemical, and Molecular Aspects.
- Biotic Stress Resistance Mechanisms in Plants: Insights into Insect and Pathogen Interactions.
- Genomics and Transcriptomics: Decoding the Molecular Language of Plants under Stress.
- Functional Genomics and Validation of Gene Function: Techniques for Investigating Plant Adaptation Strategies.
- Signaling Pathways and Defense Gene Expression: Unraveling the Molecular Mechanisms in Plants.
- Bioinformatics Approaches for Understanding Gene Function and Network in Model Plants under Stress: Insights and Applications.