

J.J. College of Arts and Science (Autonomous), Pudukkottai
PG and Research Department of Botany
Course Outcomes – 2023 - 2024
B.Sc. Botany – USBO

Course Name - PLANT DIVERSITY I ALGAE		Course Code - U1R3BOCC1	Knowledge Level
On completion of this course, students will			
CO1	Relate to the structural organization, reproduction and significance of algae.		K1
CO2	Demonstrate knowledge in understanding the various life cycle patterns and the fundamental concepts in algal growth		K2
CO3	Explain the benefits of various algal technologies on the ecosystem.		K3
CO4	Compare and contrast the thallus organization and modes of reproduction in algae.		K4
CO5	Determine the emerging areas of Algal Biotechnology for identifying commercial potentials of algal products and their uses.		K5
Course Name - PLANT DIVERSITY – I: ALGAE Practical I		Course Code – U1R3BOCC2P	Knowledge Level
completion of this course, the students will be able to			
CO1	Recall and identify algae using key identification characters.		K1
CO2	Demonstrate practical skills in preparation of fresh mount and identification of algal forms from algal mixture.		K2
CO3	Describe the internal structure of algae prescribed in the syllabus		K3
CO4	Decipher the algal diversity in fresh/marine water and their economic significance.		K4
CO5	Evaluate the various techniques used to culture algae for commercial purposes		K5
Course Name - PLANT DIVERSITY – I: FUNGI, BACTERIA, VIRUSES, PLANT PATHOLOGY AND LICHENS – Practical II		Course Code - U2R3BOCC3	Knowledge Level
On completion of this course, the students will be able to:			
CO1	Identify microbes, fungi and lichens using key identifying characters		K1
CO2	Develop practical skills for culturing and cultivation of fungi.		K2
CO3	Identify and select suitable control measures for the common plant diseases.		K3
CO4	Analyze the characteristics of microbes, fungi and plant pathogens		K4
CO5	Access the useful role of fungi in agriculture and pharmaceutical industry.		K5
Course Name - PLANT DIVERSITY II FUNGI, BACTERIA, VIRUSES, PATHOLOGY AND LICHENS - PRACTICAL-II		Course Code - U2R3BOCC3	Knowledge Level
On completion of this course, the students will be able to:			
CO1	Identify microbes, fungi and lichens using key identifying characters		K1
CO2	Develop practical skills for culturing and cultivation of fungi.		K2
CO3	Identify and select suitable control measures for the common plant diseases.		K3
CO4	Analyze the characteristics of microbes, fungi and plant pathogens		K4
CO5	Access the useful role of fungi in agriculture and pharmaceutical industry.		K5

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