

Freshwater Microalgal and Cyanobacterial Germplasm



Germplasm is the collection of pure isolates of fresh water microalgae, cyanobacteria and diatoms collected from various environment of Tamil Nadu, India. The cultures are being maintained under optimum growth conditions (light and temperature). This facility was initiated by Dr. N. Thajuddin, Professor and Head, Department of Microbiology, Bharathidasan University, Tiruchirappalli. Recently, the germplasm is upgraded into to a DBT sponsored National Repository for Microalgae and Cyanobacteria – Freshwater (NRMCF). The mission of the repository is to provide cultures to the needy Institutes/ Universities/ Industries. Apart from this, biotechnological applications (biofuel, pigments, bioactive compounds, nanoparticles) using the microalgal and cyanobacterial cultures is also been performed. The facility provides training the students from different universities/ institutes of the country and abroad.