

Technology transfer by ICAR-CIFE to Phoenix Agrotech LLP, Mumbai

ICAR-Central Institute of Fisheries Education transferred a technology of photobioreactor developed by ICAR-CIFE through funding from DBT and CIFE to Phoenix Agrotech LLP for microalgae biomass production. The newly designed photobioreactor enhances utilization of natural light through a tubular module installed under outdoor conditions. An integrated harvesting module and LED light panels for illumination of indoor culture tank facilitates easy harvesting of the biomass. The photobioreactor is useful for microalgae biomass production throughout the year including rainy season when outdoor cultivation is hindered due to low light and rainwater accumulation in open culture systems. Transfer of the technology was in a non-exclusive mode. A team of scientists will support the industry for realizing the potential of technology through necessary training and technical know-how. The agreement for transfer of technology was signed by The Director/Vice-Chancellor Dr. C.N. Ravishankar and Shri Vinit Rathod, CEO of Phoenix Agrotech LLP on 30th July, 2022.

