

ICAR-CIFE licensed the technology of energy efficient and solar based model of Recirculatory Aquaculture System (RAS)

ICAR-Central Institute of Fisheries Education licensed the technology of energy efficient solar powered Recirculatory Aquaculture System (RAS) named CIFE-MOTIRAS to Perception Associates, Ranchi, Jharkhand on 29th April, 2024. The prototypes of RAS are in two versions: fully automated and semi-automated with unique features such as sludge sink and solid removal reducing the load on drum filter. A microbial consortium is an integral part of the system that ensures an effective nitrogen management in the system. The volume of circulation ranges from 4-6 times per day depending upon the stocking density. The models performed satisfactorily under field conditions during the series of trials. The MoU for licensing the technology was signed by Dr. C. N. Ravishankar, Director, ICAR-CIFE and Mr. Akshat Mishra, Co-owner, Perception Associates. The inventor of the technology Dr. Aklakur, Dr. S. Jahageerda, Nodal officer, Motipur Centre, Dr. S.P.Shukla, In charge, ITMU were also present during the signing of MoU. The technology was licensed in non-exclusive mode for a period of five years with a licensing fee and a fixed royalty on the selling price.

