

TU student Joined US Fulbright-Nehru Doctoral Research Fellowship



Ms Velentina Das (MSc, B. Ed), a PhD research scholar of Department of Energy, Tezpur University working under the supervision of Professor Dhanapati Deka has joined recently in the Department of Biosystems and Agricultural Engineering, Oklahoma State University (OSU), Stillwater, Oklahoma, USA as US Fulbright-Nehru Doctoral Research Fellow. She will work under the supervision of Dr. Nurhan Turgut Dunford (http://biopec.okstate.edu/?page_id=353), Professor and will be at OSU until the end of July 2019. During her stay at OSU, Ms. Das will focus in finding out various physico-chemical techniques to modify the growth conditions of microalgae. Since it is a major challenge to enhance algal biomass yield and lipid augmentation simultaneously, so a proper genomic sequence study of different microalgae will be done to know the exact triacylglycerol biosynthesis pathway for lipid production. She will also focus on synthesizing renewable heterogeneous catalyst from de-oiled algal biomass for catalytic transformation of algal lipid to biodiesel.

United State India Educational Foundation Website
showing profile of Ms. Velentina Das

<http://www.usief.org.in/scholar-profile/scholarprofiledetails.aspx?fellowid=11755>