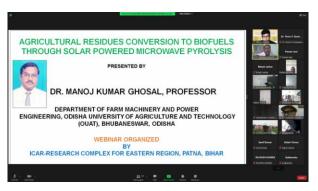
## Webinar on "Agricultural residues conversion to biofuels through solar powered micro wave pyrolysis"

ICAR-RCER, Patna, Date: 27th August 2021

ICAR-RCER, Patna organized a webinar on Agricultural residues conversion to biofuels through solar powered micro wave pyrolysis on 27<sup>th</sup> August, 2021 on the Zoom platform as a part of *"Bharat ki Azadi ka Amrut Mahaotsav"* the major objective was to create awareness and update the knowledge of scientist, faculties, students and stakeholders.

At the beginning of the program Dr. Akram Ahmed, Scientist, ICAR-RCER, Patna welcomed all the participants and Dr Bikash Sarkar introduced the speaker. A brief introduction about the webinar was given by Dr Ujjwal Kumar, Director ICAR-RCER, Patna. The speaker of the event, Dr. Monaj Kumar Ghosal, Professor (Farm machinery), College of Agricultural





Engineering, Odisha University of Agriculture and Technology, Bhubaneswar delivered the lecture. He emphasized the importance of pyrolysis process towards the conversion of agricultural residues to bio fuels using solar powered microwave. The microwaveassisted pyrolysis of biomass in recent years has been considered a novel technology to carry out the pyrolysis process with a view to save energy, time, enhancing heating efficiency, more control during the process, and increased yield of the pyrolytic products in comparison to the prevailing conventional process of pyrolysis. 144 participants participated in the webinar from all over India and got benefitted through the lectures followed by discussion with the experts. The webinar was successfully organized with the active coordination of all the scientists of Division of Land and Water Management, led by Dr. Ashutosh Upadhyaya and Technical support provided by Anil Kumar and Sarfaraz Ahmed of ICAR-RCER, Patna. The program ended with the formal vote of thanks proposed by Dr. Akram Ahmed, Scientist, ICAR RCER, Patna.

Source: ICAR Research Complex for Eastern Region, Patna-800014.