

## Installation of Biogas Reactor at Chitkara University, Baddi (H.P.)

(18 February 2022)

A team of JUIT faculty and staff (Karam Dass, Prof. Ashish Kumar and Prof. Sudhir Kumar) installed one Biogas reactor of 3000 liters (Substrate tank) & 2000 liters (Gas Holder Tank) capacity in Chitkara University Baddi, Solan, Himachal Pradesh. The biogas reactor was installed with the technical support of JUIT team and financial support of Chitkara University.

Prof. Sudhir Kumar explained the parameters and functioning of biogas reactor to the mess staff and other workers of Chitkara University. The purpose of this biogas reactor is to convert kitchen waste to biogas for cooking applications. The daily potential of the biogas reactor of this capacity is approximately 60-75 minutes of cooking gas. The bioslurry formed during the process can also be used as a high quality fertilizer. The Chitkara University Vice Chancellor Dr. Varinder S. Kanwar thanked JUIT team their technical help for successful installation of the reactor.

