

## **Principals of different Govt. Senior Secondary Schools of Himachal Pradesh, Punjab and Haryana visited Centre of Excellence at JUIT**

Department of Biotechnology and Bioinformatics of the Jaypee University of Information Technology, Waknaghat, Solan actively works for rural development under the canopy of Centre of Excellence of Sustainable Technologies for Rural Development. Periodically this centre organizes exhibitions, training and visits of people so that they can learn and spread the development & innovations of technologies to grass root levels.

Recently on April 13, 2024; Principals from various Govt. Senior Secondary Schools from Himachal Pradesh, Punjab and Haryana visited the department's CESTRD centre. Prof. Dr. Sudhir Kumar (HoD, BT & BI) provided an overview of the gaseous and solid biofuel-producing technologies for rural development. A group of 20-25 school principals interacted with Prof. Dr. Sudhir Kumar and his team. They were made aware about renewable biofuels - a movable biogas reactor with 20L biogas storage capacity and Pine needles biomass briquettes & pellets. Both these technologies are categorized under sustainable and renewable energy resources with a high potential of setting up small-scale rural biofuel-producing plants.

During the interaction questions were asked by visiting principals related to setup of biogas reactor and briquettes, cost of production, area requirement, performance parameters and calorific value of produced Pine needles briquettes & pellets). An important message has been given to all visiting principals i.e., to spread information about these technologies to students so that they can practice these technologies at their native places.

