DBT-CIAB scientist delivers talks on sustainable feedstocks for chemicals and fuels

New Delhi, Sep 03: Dr S. Saravanamurugan, Scientist from DBT-Center of Innovative and Applied Bioprocessing (DBT-CIAB) delivered a talk for an online short-term course on “trends and prospects in biorefinery” organised by the Department of Biotechnology, NIT Jalandhar, Punjab on 13th June 2020.

There were 100 participants including faculty from various academic/research institutes and students. The title of the presentation was “biomass conversion: production of biochemicals and fuels from lignocellulosic biomass feedstock.”

During the talk, he explained the mandated activities of CIAB to attract the young and dynamic research scholar and exhibit the main research activities of CIAB at the national level. Further, he pinpointed the importance of sustainable feedstock for the production of biochemicals which can substitute fossil-based chemicals. Moreover, the necessity of transforming second-generation biomass, such as rice straw, to valuable products was accentuated during his presentation as this paves the way for doubling the farmer’s income (one of the Govt. of India’s policies). Furthermore, it was highlighted during the presentation that the second generation biomass would be an indispensable source of carbon to produce biochemicals which can keep the value-chain in the future.
Dr Saravanamurugan also delivered a talk titled “Biorefinery: Lignocellulosic Biomass as Future Feedstock for the Production of Sustainable Chemicals and Fuels” in the one-day webinar on “Recent Trends in Sustainable Chemistry 2020” on 17 June 2020 organised by the Department of Chemistry, Pachaiyappa’s College, Chennai. The concept of biorefinery and the salient features of utilising the sustainable feedstocks were discussed during the presentation.

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