

## 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 13<sup>th</sup> 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.

One Week TEQIP-III sponsored  
Online Short-Term Course  
on  
**“Trends and Prospects in Biorefinery”**  
June 10-14, 2020

**Organizing Committee**

**Chief Patron**  
Prof. Lalit Kumar Awasthi  
Director, NITJ

**Patron**  
Prof. Ajay Bansal  
HOD, Biotechnology

**Convener**  
Dr. Anur Mishra  
Assistant Professor, Biotechnology

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For Registration: [Click the link below or scan the QR code](https://forms.gle/nYWG5GuaEz7X1CE66)  
<https://forms.gle/nYWG5GuaEz7X1CE66>

**Department of Biotechnology**  
**Dr. B. R. Ambedkar National Institute of Technology**  
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The Management, Principal, Faculty members  
& Students of  
P.G. & Research Department of Chemistry  
**PACHAIYAPPA'S COLLEGE**  
Chennai - 600 030  
Tamil Nadu

Cordially Invite you for the One-day National Webinar on  
**Recent Trends in Sustainable Chemistry 2020 (RTSC 2020)**  
on  
**17-06-2020 (Wednesday)**

**Session I (10.00 am - 11.15 am):**  
Dr. S. Saravanamurugan,  
Scientist-E, Center of Innovative & Applied Bioprocessing (CIAB),  
Mohali-140 306, Punjab.

Topic: Biorefinery: Lignocellulosic Biomass as Future Feedstock for the Production of Sustainable Chemicals and Fuels

**Session II (11.30 am - 12.45 pm):**  
Prof. Dr. P. Sakthivel,  
Nanoscience & Technology, Bharathiar University,  
Coimbatore-641 046, Tamil Nadu.

Topic: Organic Materials for solar cell applications

**No registration Fee.**  
For registration: <https://forms.gle/8xFSU4ow5B3ZWw5N9>

Convener:  
Dr. P. Venkatesh, Associate Professor & HoD of Chemistry.

Organising Secretaries:  
Dr. V. Sivamurugan, Assistant Professor of Chemistry (sivamurugan377@gmail.com).  
Dr. R. Ganesh Kumar, Assistant Professor of Chemistry.

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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