



**Report on
Invited Talk**

on

Bio-Composites: A solution to Plastic Pollution

Organized by

**School of Studies in Biotechnology
&
Alumni Association of Biotechnology**

Pt. Ravishankar Shukla University, Raipur 492 010 (CG)

School of Studies in Biotechnology and **Alumni Association of Biotechnology**, Pt. Ravishankar Shukla University, Raipur (CG), organized an **Invited Talk** on “**Bio-Composites: A Solution to Plastic Pollution**”, on **28 January 2025** at Seminar Hall, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (CG). Initially, **Prof. Keshav Kant Sahu**, Head, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (CG), greeted the speaker with a sapling. After a brief introduction of the speaker, he was requested to deliver his lecture.

This talk was delivered by **Prof. Chinmay Pradhan, Head, Department of Botany, Utkal University, Bhubaneswar**. He started his lecture with a detailed description of bio-composites. He explained about *Luffah cylindrica* L., and green composites made by natural biofibre and biodegradable polymers. He gave detailed explanations about the processing of plant material and composite preparation. He mentioned that the innovation in his work lies in the development of calcium phosphate-based composites for biomedical applications such as orthopaedics, dentistry, and reconstructive surgery. He concluded his lecture by emphasizing the goal of converting the low-cost agricultural waste products and *Luffah cylindrica* L. fibre, into a high-value material. At last, students interacted with the speaker with great enthusiasm. A total of 66 M. Sc. students including research scholars were present during the lecture. It was concluded by thanking Prof. Chinmay Pradhan with a token of gratitude and a certificate by **Dr. Afaque Quraishi**, School of Studies in Biotechnology, Pt. Ravishankar Shukla University, Raipur (CG).

Glances of the Event



 **School of Studies in Biotechnology** 
&
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Pt. Ravishankar Shukla University, Raipur 492 010 (C.G.)

Organising
Invited talk
By




Dr. Chinmay Pradhan
Head & Professor
Department of Botany
Utkal University, Bhubaneswar

On
Bio-Composites: A Solution to Plastic Pollution

 28 Jan 2025,  03:30 PM

 Seminar Hall, SoS in Biotechnology, PRSU