



A Popular Lecture

on

Azadirachta indica- A Miracle Tree

23 August 2024

Organized by

School of Studies in Biotechnology

&

Alumni Association of Biotechnology

On 23 August 2024, the School of Studies in Biotechnology and the Alumni Association of Biotechnology of Pt. Ravishankar Shukla University, Raipur (C.G.), jointly organized an invited lecture titled **“Azadirachta indica: A Miracle Tree”**. This lecture was delivered by **Dr. Sarad Kumar Mishra, Professor and Former Head of the Department of Biotechnology, and Director of the Institute of Agriculture and Natural Science of D.D.U. Gorakhpur University, Gorakhpur, (UP)**. The event commenced with a brief introduction of the guest speaker. Dr. Mishra began by addressing the audience on the medicinal importance of the *Azadirachta indica* (Neem). He explained that Neem has been used since ancient times and is often referred to as “SarvyarogNivarini”, meaning “the universal healer”, due to its wide range of applications in treating various diseases and health issues. Dr. Mishra also spoke about the benefits of using Neem twigs, explaining that chewing them helps to kill microbes, whiten teeth, and clean the tongue. He further discussed the advantages of Neem oil as a hair fall preventer, dandruff remover, and anti-aging agent, as well as the positive effects of Neem juice on improving digestion and enhancing metabolism. He emphasized that no specialized medicine is currently available on the market to cure dengue, but the bioactive compounds of Neem can hinder the replication of dengue viruses, making it an effective treatment option. Additionally, he shared insights from other research on the bioremediation of arsenic (a heavy metal) and the connection between arsenic exposure and gallbladder cancer. In conclusion, he advised the audience to strengthen their immune system by using traditional herbal medicines to combat various dangerous viral diseases, such as COVID-19 and dengue. The lecture was followed by an interaction between the students and the speaker. Dr. Nagendra Kumar Chandrawanshi, presented a memento and certificate to Dr. Mishra, as a token of appreciation.

Glimpses of the Lecture





School of Studies in Biotechnology



**&
Alumni Association of Biotechnology**

Pt. Ravishankar Shukla University, Raipur 492 010 (C.G)

*Organising
Invited talk*

By



Prof. Sarad Kumar Mishra

Department of Biotechnology
D.D.U. Gorakhpur University, Gorakhpur (U.P.)

On

Azadirachta indica- A miracle tree



23 Aug 2024,



01:00 PM

(Keshav Kant Sahu)