

Report on Lecture 5 of Alumni Lecture Series

The Department of Chemistry had initiated Alumni Lecture Series in the department. In this series, the Fifth lecture was given by Dr. P. C. Sarkar, Principal Scientist, Chemical and Biochemical Processing Division, ICAR- National Institute of Natural Fibre Engineering and Technology, Kolkata on January 13, 2023. The program began with Dr. Anil Mishra, Head of the Department by welcoming the guests who apprised the audience about the progress and activities of the department and the purpose of this Alumni Lecture Series and also mentioned that it was with the support of all faculty members that this program could be made possible. The speaker Dr. Sarkar was thereafter welcomed with memento by Prof. Abha Bishnoi. Thereafter, Dr. Amrita Srivastava introduced the speaker of the day to the audience.



In his lecture on “**Biopolymers and Their Applications in Food and Fabrics**” Dr. Sarkar presented a wide overview about the rational designing and syntheses of plethora of biopolymers that could be obtained from different natural recourses. He elaborated to the gathering that how use of gums and resins which of course are biopolymers can increase the shelf life of different fruits and vegetables. Also, he conveyed the importance of varied biopolymers in improving the texture and appearance of ice creams and confectioneries. In his deliberations he conveyed the role of biopolymers in garments and home. At the end of this very interesting lecture,

Dr. Indu Saxena proposed a vote of thanks. He especially thanked Dr. Sarkar for sparing his valuable time to the department. In this lecture all the faculty members and research scholars of the Chemistry department were present.



Video on YouTube

<https://youtu.be/MSrC4aIYme8>



Department of Chemistry

University of Lucknow

Alumni Lecture Series



Lecture 5

Dr. P.C. Sarkar

M.Sc. Chemistry 1983

Principal Scientist

Chemical and Biochemical Processing Division

ICAR-National Institute of Natural Fibre Engineering & Technology Kolkata

Topic: Biopolymers and Their Applications in Food and Fabrics



Prof. Alok Kumar Rai
Vice Chancellor
University of Lucknow



Dr. P.C. Sarkar



Prof. Anil Mishra
Head
Department of Chemistry

Venue: Chemistry Department Auditorium

Date: January 13, 2023

Time: 3:30 PM