



Department of Chemistry
University of Delhi



Celebrating 100 Years of its Establishment is

Organizing
10th Centenary Year Lecture
entitled

Nanostructured materials from bottlebrush copolymers

to be delivered by

Professor Javid Rzayev
Chair,

Department of Chemistry, State University of New York at Buffalo, USA

on

Friday, December 2, 2022 at 03:30 pm
in the Seminar Hall, Department of Chemistry
University of Delhi, Delhi-110007

R.S.V.P

Prof. Ashok K. Prasad

Head, Dept. of Chemistry & Dean Faculty of Science (DU)



Prof. Javid Rzayev currently serves as the **Chair** of Department of Chemistry in the State University of New York (SUNY) at Buffalo, USA. He received his PhD in Polymer Science and Engineering from the University of Massachusetts – Amherst in 2004. After finishing his post-doctoral training at the University of Minnesota, he joined the department of Chemistry at SUNY Buffalo in 2006.

His research program embraces all the steps of a successful materials design, from building tailored polymer structures and architectures to analyzing their supramolecular organization to testing their macroscale properties. Over the years, his group has developed extensive synthetic expertise that allows one to push the limits of what is achievable in terms of creating multicomponent macromolecules with well-defined dimensions, shapes and compositions. These macromolecules are being used as building blocks to create nanostructured materials to benefit a variety of applications, such as conversion of commodity plastic waste into valuable materials, filtration, water purification, and energy storage, as well as polymer upcycling. For his research, he is richly rewarded with a number of awards, which includes **National Science Foundation CAREER Award (2009)**, **UB Young Investigator Award (2012)**, **Fellow of Polymer Chemistry Division, ACS (2012)**, **UB Exceptional Scholar: Sustained Achievement Award (2021)**, etc.