



DEPARTMENT OF MICROBIOLOGY
UNIVERSITY OF DELHI SOUTH CAMPUS



SPECIAL SEMINAR

Prof. Gopal Nath

Dean (Research), Former Head and Professor of Microbiology at Institute of Medical Science, Banaras Hindu University, Varanasi- 221005



Title: Bacteriophage Therapy: Our Experience in India

Date: 31st October 2025

Time: 3 PM

Venue: Auditorium, Biotech Building

Biosketch:

Prof. Gopal Nath earned his M.B.B.S. from the University of Allahabad and his M.D. and Ph.D. in Microbiology from Banaras Hindu University. His research focuses on Salmonella, the Gut Microbiome, and Bacteriophage Therapy. With 37 years of teaching experience in medical microbiology, he is a leading figure in clinical Bacteriophage Therapy. He is the founder secretary and current President of the Society for Bacteriophage Research and Therapy. His groundbreaking work established that chronic *Salmonella Typhi* infection may trigger malignant transformations in the hepato-biliary tract, making *S. Typhi* the second bacterium linked to carcinogenesis after *Helicobacter pylori*. Prof. Nath has published 299 research articles, boasting an H-index of 59 and over 13443 citations. His research includes screening synthetic and natural compounds for antimicrobial activity. He has served as a visiting professor at S.K.C.C., San Diego, USA, and was a jury member for the prestigious King Faisal International Prize in Saudi Arabia in 2015. Currently, he is exploring the clinical applications of Bacteriophage Therapy, focusing on chronic wound healing, determining safe doses for sepsis, and treating auto-brewery syndrome and obesity. Ranked among the top 3% of Indian scientists, he was elected Fellow of the National Academy of Medical Sciences in 2016. He received the Prof. U.C. Chaturvedi and Dr P.N. Chuttani Orations, as well as the Earnest Hanbury Hankin Lifetime Achievement Award, in 2021 from the Society for Bacteriophage Research and Therapy. He has been awarded with Sardar Jaswant Singh Lectureship Award of GNDU, Amritsar.