



DEPARTMENT OF MICROBIOLOGY
UNIVERSITY OF DELHI SOUTH CAMPUS



SPECIAL SEMINAR

Dr. Mohan Joshi

Assistant Professor,
Multidisciplinary Centre for Advanced Research and
Studies (MCARS)
Jamia Millia Islamia,
DELHI , New Delhi-110025



*Title: A fluorescence-based live-cell Assay for Real-time Events
(FLARE): Application in DNA damage*

Date: 26th September 2025

Time: 3 PM

Venue: Seminar Hall, Department of Microbiology

Biosketch:

Dr. Mohan Joshi did his M.Sc. and PhD from School of Biotechnology, JNU. During his PhD under supervision of Prof Bhatnagar he worked on XnGroEL heat shock protein from Gram negative bacteria *Xenorhabdus nematophila* and showed this protein interferes with host chitin metabolism in the gut. For Postdoctoral Fellowship, Dr Joshi joined Prof David Bates at Baylor Medical College, Houston and studied the role of site-specific cohesion in chromosome segregation in *E. coli* model. Presently, Dr Joshi is working as an Assistant Professor at MCARS, Jamia Milia Islamia. He is recipient of prestigious Ramalinga, Ramachandran fellowship besides Wellcome Trust/DBT India Alliance Intermediate Grant. His lab research is focused on bacterial genetics and chromosome biology and uses multidisciplinary approaches to address the issues related to AMR.