

We are pleased to congratulate Dr. Awaneesh Singh, Associate Professor in the Department of Physics, for having his manuscript featured on the Front Cover Art of Langmuir (<https://pubs.acs.org/toc/langd5/41/47>), a prestigious international journal published by the American Chemical Society (ACS).

His research highlights the critical role of molecular architecture—specifically arm length and the number of arms—in influencing the phase separation kinetics, morphology, and thermodynamic behavior of Miktoarm Star Polymer systems. These findings provide essential guidelines for designing architecturally tailored soft materials with adjustable self-assembly and functional properties.

At IIT (BHU), Dr. Singh leads the Multiscale Soft Matter Simulation (MSS) Lab, focusing on interdisciplinary research in computational soft matter, particularly in polymer dynamics and stimuli-driven phase segregation. This achievement, which was selected through a highly competitive process, highlights the dedication of his team to impactful research and underscores IIT (BHU)'s commitment to excellence and global engagement in science and innovation.

