

**VIVEK SHERATON M.****Interdisciplinary Graduate School, Nanyang Technological University**

Vivek Sheraton M. graduated with a Master of Technology (M.Tech) degree in Chemical engineering from Indian Institute of Technology, Kanpur in 2014. He has his Bachelor's degree (B.Tech) in Petrochemical technology from Anna University, Trichy. During his Masters he spent six months as a research assistant at Nanyang Technological University (NTU), where he was involved in modelling and simulation of avascular tumor growth. Currently, he is a Ph.D student at Interdisciplinary Graduate School (NITHM), NTU.

His primary research interest lies in simulating and predicting the evolution of bacterial quorum signaling, growth dynamics of bacterial biofilms, and cancerous tumors growth using Glazier-Graner-Hogeweg model. His current focus is in studying the complexities associated with cancer cell motility and cell-cell interactions. Other interests include fluid dynamics simulation using Finite Element method, parallel computing and Python module development. In addition, he has worked in simulating the wettability of surfaces and depinning behavior of liquid drops using lattice Boltzmann method.