

## Postdoctoral position and Research Assistantship

Several postdoctoral and research assistantship is available to work on a Proctor and Gamble sponsored project in the area of complex fluids to study the structure and dynamics of oil-water-surfactant systems. The research is interdisciplinary involving a combination of both experiments and computer simulations conducted jointly in the Department of Chemical Engineering and Physics at the Indian Institute of Science, Bangalore.

The candidate interested in the computer simulations aspect of the project should have good experience in code development (C, C++, fortran and some scripting language like python). Expertise and familiarity using first principles molecular dynamics (MD), mesoscale/coarse-grained MD, Lattice Boltzmann simulations, Monte Carlo simulation (MC) and Dissipative Particle Dynamics (DPD) are preferred.

The candidate interested in the experimental aspects should preferably have experience with lasers, sophisticated optics, and dynamic light scattering techniques

Desired qualification for Postdoctoral Scholar: Phd in Physics/Chemistry/Chemical Eng/Computer science. Candidates should

Desired qualification for Research Assistant:  
MSc in Physics/Chemistry/Mathematics, B.Tech/M. Tech in Chemical Eng/Mech. Eng/Computer Science/Materials Science.

Salary is commensurate with experience and capabilities.

Please send your CV to (email preferable)

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