

Seminar

Molecular tools for controlling nanoparticle size, dispersional stability and their assemblies

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Organic molecules/ligands have been demonstrated to play a key role in nanoparticle formation in many aspects viz. controlling their size, morphology and their dispersional stability in a given medium. Different features of ligands, such as bulkiness, binding strength and concentration have been found to influence the size of metal nanoparticles. In this talk we will present our efforts towards understanding the role of molecules/ligands as tools for controlling nanoparticles size, their assemblies and dispersion stability in different media.

Thursday, Mar 8th 2018

4:00 PM (Tea/Coffee at 03:30 PM)

Auditorium, TIFR-H