Title:	Effect of Confinement in Energy Transfer Dynamics Within Molecular Aggregates
Authors:	P.V, Anusree (/jspui/browse?type=author&value=P.V%2C+Anusree)
Keywords:	Chemistry Förster Resonance Energy Transfer Fluorescein Energy Transfer
Issue Date:	17-Jul-2017
Publisher:	IISER-M
Abstract:	Förster resonance energy transfer (FRET) happening between two dyes Fluorescein and Rhodamine 6G in aqueous solution and within the confinement of reverse micelle of fixed diameter was investigated. Energy transfer is occurring from Fluorescein to Rhodamine 6G, i.e. Fluorescein acts as a donor and Rhodamine 6G as an acceptor. pH variation of solutions from 7 to 9.2 is not affecting the energy transfer efficiency. Used reverse micelle as a confinement and tried to study the energy transfer from donor to acceptor. AOT in n-hexane and TritonX-100 in cyclohexane are used for making reverse micelles.
URI:	http://hdl.handle.net/123456789/822 (http://hdl.handle.net/123456789/822)
Appears in Collections:	MS-12 (/jspui/handle/123456789/723)

Files in This Item:

File	Description	Size	Format	
MS-12125.pdf (/jspui/bitstream/123456789/822/1/MS-12125.pdf)		1.78 MB	Adobe PDF	View/Open (/jspui/bitstream/123456789/822/1/MS-12

Show full item record (/jspui/handle/123456789/822?mode=full) (/jspui/handle/123456789/822/statistics)