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Title:	C3-symmetric azo(hetero) arenes incorporated BTA and triazine core-based systems and their photoswitching and supermolecular studies
Authors:	Hrisihkesh
Keywords:	C3-symmetric a photoswitching supermolecular studies incorporated BTA and triazine c
Issue Date:	Apr-2022
Publisher:	IISER Mohali
Abstract:	In the first part of the work, C 3 -symmetric triazine based photoswitchable systems were synthesized and connected with different kinds of carboxylic acids through H-bonding and characterized by various spectroscopic techniques such as ¹ H NMR and IR. In the second part of the work, we have attempted at host-guest studies through the encapsulation of different kinds of guest molecules such as ammonium chloride with benzenetricarboxamide (BTA) based N-methylated derivative of phenyl azo isoxazole as host molecule. In the final part, we attempted to synthesize C 3 -symmetric π-extended acryl group connected long chain alkoxyazobenzenes incorporated molecules for photo-responsible liquid crystalline properties.
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