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9. Title of Ph.D. Molecular interactions in mixtures of some industrially important solvents: A physico-chemical study

10. SEMINARS AND CONFERENCES, ONLY ATTENDED:

Sl. No	Name	Sponsoring Agency	Place and Date
1.	National Seminar on Frontiers in Chemistry 2013	UGC, New Delhi & NBU	Dept. of Chem, NBU February 28, 2013
2.	Workshop on “Intellectual Property and Innovation Management in Knowledge Era”	NRDC, New Delhi	NBU February 12, 2013
3.	16th. <b>National Symposium in Chemistry</b> , presented a Poster.	CRSI, IIT Bombay	IIT Bombay February 7-9, 2014
4.	53 <sup>rd</sup> <b>Annual Convention of Chemist (National Conference)</b> presented a poster	ICS, GITAM university, Vishakapatnam	GITAM university, Vishakapatnam December 27-29, 2016
5.	<b>National Seminar on Frontiers in Chemical and Material Sciences: Theory and Practice 2018</b> , February 8-10, 2018 as Delegate.	UGC, New Delhi, NBU	Dept. of Chem, NBU February 8-10, 2018

11. PUBLICATIONS:

1. Thermophysical properties of binary mixtures of N, N-dimethylformamide with three cyclic ethers, J. Serb. Chem. Soc., 78 (9) (2013) 1443-1460.
2. Hydrogen bond interactions in the blends of 1,4-dioxane with some 1,2-disubstituted ethanes at  $T = (298.15, 308.15 \text{ and } 318.15) \text{ K}$ , Fluid Phase Equilibria, 404 (2015) 131-140.
3. Thermophysical properties of the binary blends of cyclohexane with some esters, J. Serb. Chem. Soc., 82 (2017) 189-202.
4. Solution thermodynamics of iron(III)-N,N'-ethylene-bis(salicylideneiminato)-chloride in binary mixtures of N,N-dimethylformamide and acetonitrile at  $T = (298.15, 303.15, 308.15 \text{ and } 313.15) \text{ K}$ , J. Chem. Thermodyn. 75 (2014) 96-105.
5. A partial derivatives approach for estimation of the viscosity Arrhenius temperature in N, N-dimethylformamide + 1,4-dioxane binary fluid mixtures at temperatures from 298.15 K to 318.15 K, Phys. Chem. of Liquids, 54 (2016) 615-631.

