

Internal Seminar

Electronic Forms and Reactivity Profile of Ruthenium and Osmium Derivatives Involving Redox Active Entities

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Delicate electronic structural aspects and reactivity profile of newly developed as well as structurally/spectroscopically/electrochemically characterised mononuclear and polynuclear ruthenium/osmium complexes involving selectively designed metal precursors and redox-active 2,2-bi(3-hydroxy-1,4-naphthoquinone), (*E*)-2-hydroxy-3-(*p*-tolyl diazenyl) naphthalene-1,4-dione, 5-hydroxy-6-*p*-tolyl azobenzo [a]phenazine, 3,3'-Dipyridnyl-2-yl-[1,1']bi(imidazo[1,5-a]pyridinyl) were explored via experimental/theoretical (DFT/TD-DFT) investigations.

Thursday, Feb 6th 2025

15:15 Hrs

CR-4, TIFRH