

Survey No. 36/P, Gopanpally Village, Serilingampally, Ranga Reddy Dist., Hyderabad - 500 046

Seminar

A Perspective on Porous and Layered Materials & their Related Applications

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Materials discovery and design are some of the key factors that drive technological innovations needed for substantial societal Accomplishing this requires renewed synthesis, modification and characterisation efforts. Keeping this as the central theme, this talk will focus on our ongoing investigations into understanding key fundamental properties of a variety of materials, for example, carbon-based nano-porous structures as well as atomically thin two-dimensional (2D) materials for specific applications. Specifically, investigation on surface adsorptive properties, light matter interactions as well as magnetocaloric behaviour of some of these materials will be presented. The results of these investigations, as it relates for developing potential future applications pertaining environment, electronics and energy will be discussed.

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Tuesday, Sep 16th 2025 16:00 Hrs (Tea / Coffee 15:45 Hrs) Auditorium, TIFRH