

MONDAY

COLLOQUIUM

Efforts in Drug Discovery through Natural Products and Silicon-Incorporation Approach

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22 Sep 2025 (Monday) | 16:00 Hrs (Tea / Coffee 15:45 Hrs) | Venue: TIFRH Auditorium

Our research group focuses on total synthesis of biologically active compounds and medicinal chemistry with an ultimate aim of discovering drugs. We have accomplished the synthesis of more than 50 natural products which include cell-adhesion inhibitors, anti-bacterial, anti-malarial, anti-inflammatory, anti-cancer agents, and CNS agents in sex pheromones and insect repellents. In addition, significant progress has been made using a concept called “Silicon-incorporation approach”. In particular, this approach is best suited for CNS disorders. A very few companies and academic groups are working on this theme. I will be discussing details on selected projects.