



विद्यया च सर्वधनं प्रधानम्  
IIT JAMMU



A division of the  
American Chemical Society

## CAS SciFinder Training for Academic Research

22<sup>nd</sup> November 2024 (Friday)

Venue: Room 201, IIT Jammu

3:00 PM to 4:00 PM

### About CAS SciFinder:

CAS SciFinder helps researchers locate the latest discoveries and competitive intelligence and empowers them to locate the most relevant, actionable literature to advance their research ideas. A global network of expert scientists curate and aggregate the world's scientific patent and journal content daily and make it fully discoverable through the advanced technology contained in SciFinder. This ensures researchers have the most current and accurate information available quickly supporting their critical research activities. SciFinder has access to workflow tools designed to support multiple scientific research functions and requirements. This includes many exciting new features like **Chemscape Analysis**, **MethodsNow synthesis**, etc.

### Agenda of the training:

1. Introduction to CAS SciFinder
  - Introduction of CAS and how value-added indexing helps.
2. Literature Searching
  - Best way to perform literature searching using different techniques.
  - Locate journal articles, and author searches (with ORCID IDs).
  - Explore patent searching with PatentPak.
  - Query builder to perform complex searches.
3. Advance Substance Searching
  - How to search substances and structures in SciFinder?
  - Advanced substance searches like fragment-based searches, R-groups, variables, and much more
  - Search isotope-labeled compounds.
  - How to check the novelty of the substance?
4. Advance Reaction Searching and Retrosynthesis Planner
  - Efficient way to search reactions in CAS SciFinder
  - Advance reaction search options
  - Create and customise a retrosynthesis plan with experimental and predictive capabilities for known/ unknown molecules.

For more information please contact,

**Dr Nilesh Kumar**  
Deputy Librarian  
Indian Institute of Technology Jammu  
Email: [nilesh.kumar@iitjammu.ac.in](mailto:nilesh.kumar@iitjammu.ac.in)

**Milind Wagh**  
Principal Account Manager  
ACSI India Pvt. Ltd., India  
Email: [mwagh@acs-i.org](mailto:mwagh@acs-i.org)