



## SPARC WORKSHOP ON Crystallization Systems Engineering

### Course Coordinator

Prof. Seshagiri Rao Ambati  
Dept. of Chemical Engineering,  
IIPET Visakhapatnam, A.P, India

### Foreign Expert

Prof. Zoltan K Nagy  
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Scheme for Promotion of Academic and Research Collaboration

Course Schedule  
18th - 20th Feb, 2025  
Course Mode: Offline and Online

### Objectives

Crystallization plays a vital role in over 70% of solid product production, especially in pharmaceutical manufacturing where more than 90% of active pharmaceutical ingredients (APIs) involve crystallization in the synthesis and isolation process. The workshop is aimed at faculty members, industry engineers, and PhD students in the pharmaceutical, biotechnological, food, microelectronics, and chemical industries, particularly those involved in the production of crystalline products. This course will introduce participants to the concepts of crystallization process engineering, mechanisms, optimization, control, and process analytical technologies (PAT). Additionally, participants will have the opportunity for a hands-on session with the CrySiv crystallization simulation software. Expert faculty members, including leading international academics and researchers, will deliver lectures and discuss industrially relevant case studies, offering participants an opportunity to explore approaches for improving crystallization efficiency and product quality.

### Course Fee

Students: (Including PhD): Rs 500/- plus 18% GST

Faculty Members: Rs 1000/- plus 18% GST

Industry: Rs 5000/- plus 18% GST

### Who can apply?

All Undergraduate, Masters, Ph.D. Scholars,

Faculty Members, Scientists from Government

Funded Institutes and Laboratories,

Private Institutes and Industry Executives

Scan here to apply



For more details: <https://iipe.ac.in/SPARC/workshop/>

### Contact us

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