

# A five-day workshop on: Bio-chemical and Bio-physical Characterization of Proteins



For College Faculty Only

**Dates: 19<sup>th</sup> - 23<sup>rd</sup> October 2022**

**Organized by  
Department of Chemistry, NIT Rourkela**



The five-day workshop will help to develop “hands-on experience” on various bio-chemical and bio-physical techniques to study proteins for understanding and addressing various research problems.

## Topics:

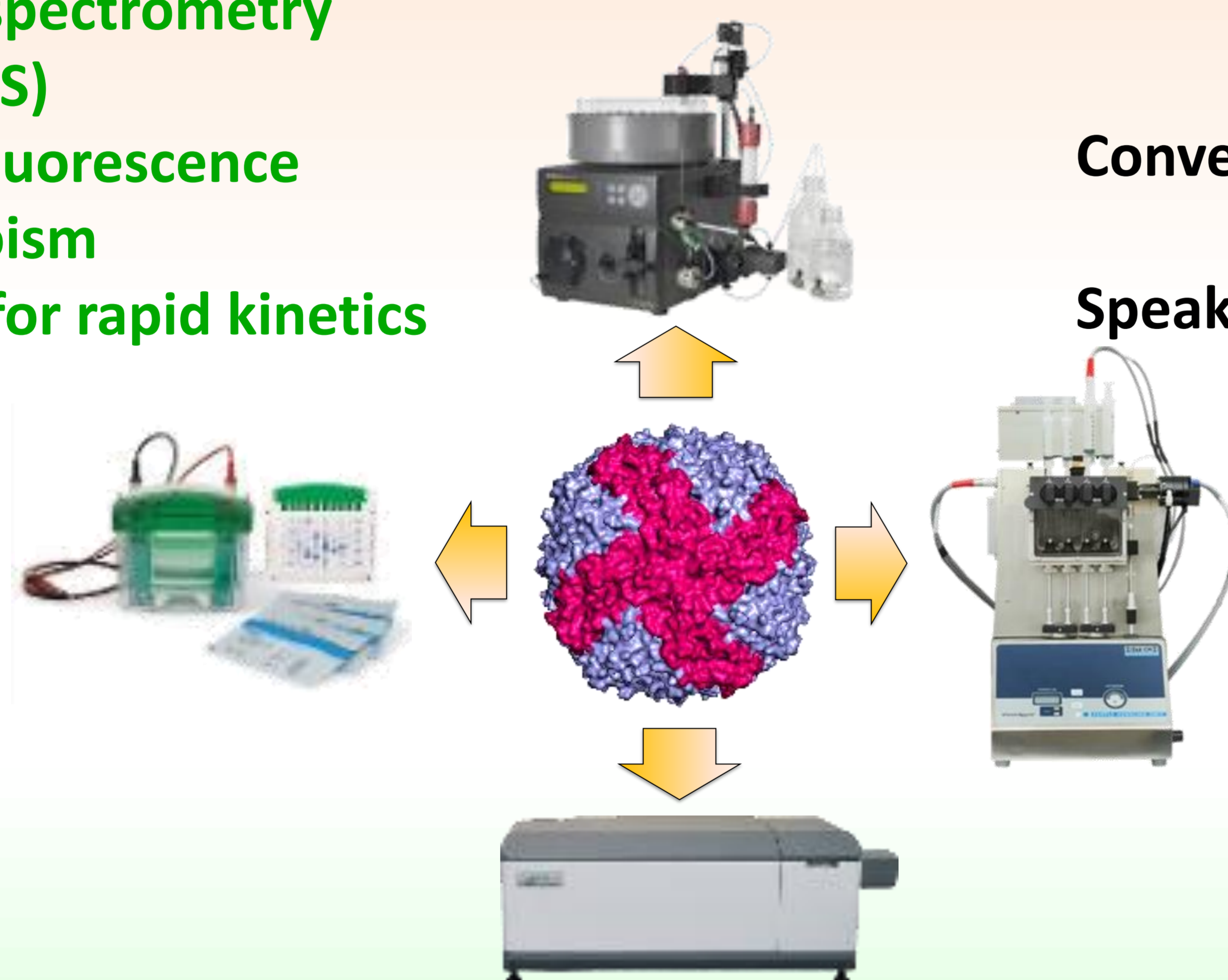
- Electrophoresis
- Ion-exchange chromatography
- Size-exclusion chromatography
- Protein mass spectrometry (ESI-MS/HR-MS)
- Steady-state fluorescence
- Circular dichroism
- Flow method for rapid kinetics

**Patron : K. Umamaheshwar Rao**  
(Director, NIT Rourkela)

**Chairman : P. Dash**  
(Head, Chemistry Department)

**Convenor : R. K. Behera**

**Speakers : S. Mazumdar (TIFR Mumbai)**  
**U. Subudhi (NIT Rourkela)**  
**P. R. Shirhatti (TIFR Hyderabad)**  
**H. Sahoo (NIT Rourkela)**  
**G. Sahoo (NIT Rourkela)**  
**R. K. Behera (NIT Rourkela)**  
**A. Parida (NIT Rourkela)**



## Registration:

Participants need to register by filling up google form:

[https://docs.google.com/forms/d/e/1FAIpQLSdXnJHhailWQIpLbJvEMfrfqPHFpQT-sUTJuqZqfzCraDgApg/viewform?usp=pp\\_url](https://docs.google.com/forms/d/e/1FAIpQLSdXnJHhailWQIpLbJvEMfrfqPHFpQT-sUTJuqZqfzCraDgApg/viewform?usp=pp_url)

**Registration deadline: 12<sup>th</sup> October 2022**

**Confirmation of acceptance: 13<sup>th</sup> October 2022**

Participants should email ([protein.nitr@gmail.com](mailto:protein.nitr@gmail.com)) their particulars along with a brief description of the usefulness of this workshop for their research or teaching.

**Number of participants: 25**

**Registration Fee: Nil (free)**

**Supported by: SERB, India & NIT Rourkela**