



Module PMRF-ISSS039/2024

Reagents in Organic Sythesis

Name of the PMRF student

SAPNA

Required background of the students taught

B.Sc in Chemistry

M.Sc in Chemistry (not mandatory)

Details of the content of the module

Live lecture sessions on Reagents in Chemistry:

➤ Reducing Reagents in Organic Transformation

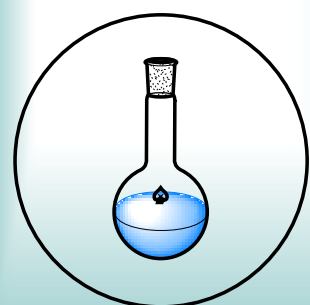
- Hydride based reducing reagent
- Electron transfer-based reducing reagents
- H₂ based reducing reagents

➤ Oxidizing Reagents in Organic Transformation

- Transition metal based oxidizing reagents
- Non-transition metal based oxidizing reagents

Name reactions related to reagent chemistry will be discussed.

Problem Solving sessions (After completion of each topic)



Oxidising Reagents



Reducing Reagents



Schedule of the module

Start date: 27th February 2024

End date(tentative): 27th April 2024

Live lectures on Tuesdays: 10:00 AM – 11:00 AM

Problem Solving and Discussion Sessions on
Saturdays: 10:00 AM – 11:00 AM

Meeting link : Will be shared later

[Link](#)

Contact email ID: issf.forum@gmail.com

sapna2022@iisc.ac.in

Registration link:

<https://forms.gle/VcWCKbiiUgVGEFGL8>