



Module PMRF-ISSS004/2025

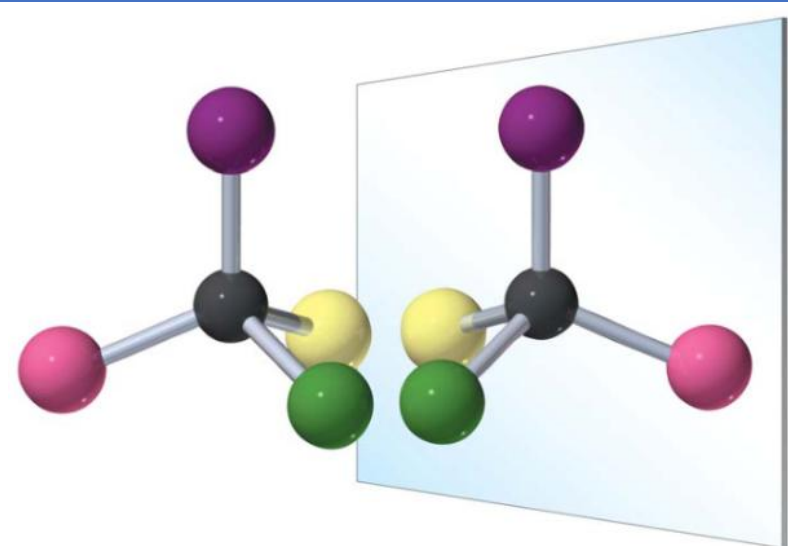
Basic Stereochemistry of Organic Molecules

Name of the PMRF student

Tushar Singha

Required background of the students taught

- Introductory level course for students of BSc (Chemistry) and MSc (Chemistry)
- CSIR-NET/GATE aspirants in Chemistry (CY)

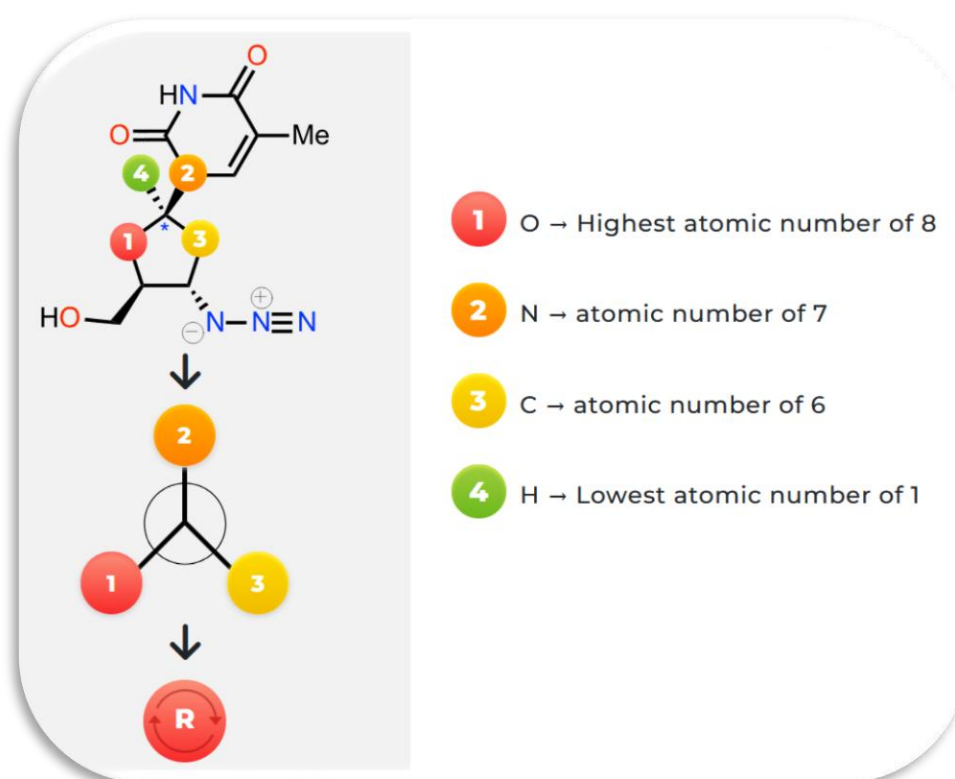


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Details of the content of the module

- Introduction to Stereochemistry
- Molecular symmetry and chirality
- Nomenclature
- Optical activity
- Chiral resolution and kinetic resolution
- Stereospecific and Stereoselective reactions
- Conformation analysis of acyclic and cyclic compounds



Schedule of the module

Start Date: 21 January 2025

End Date: 04 March 2025

Live lectures (problem-solving sessions, discussion on difficult points) will be conducted (or recorded lectures might be uploaded) on

Tuesday (6:00 PM – 7:00 PM)

Sunday (10:00 AM – 11:00 AM)

Meeting link : Will be shared later

[Link](#)

Contact email ID: issf.forum@gmail.com

Registration link:

<https://forms.gle/6aV2sXZQp52iCSpg6>