



Peptide Engineering for Therapeutics(1:0)



Objective

To train and equip students/professionals with the fundamentals and strategies to design and engineer peptides for therapeutic purposes.

Course Content:

- Basic reaction mechanisms
- Conformation of peptides and proteins
- Conventional and contemporary methods of peptide and protein synthesis
- Peptidomimetics (Amide bond isosteres, Peptoids, Turn mimetics, Helix mimetics) design, synthesis, properties and use as therapeutic targets
- Cell-penetrating peptides
- Macrocyclic peptides"

Contact us

Centre for Continuing Education

Indian Institute of Science

Bengaluru 560 012, INDIA.

Phone: 91+ 080 2293 2055/2491/2247

Course Coordinator

Prof. Jayanta Chatterjee

Department of Molecular Biophysics Unit,
IISc

Course Fee: Rs. 5,000 + 18% GST

Online Seats are Limited to 100

Online Classes using Microsoft Teams

Schedule: May 20th to July 22nd, 2025

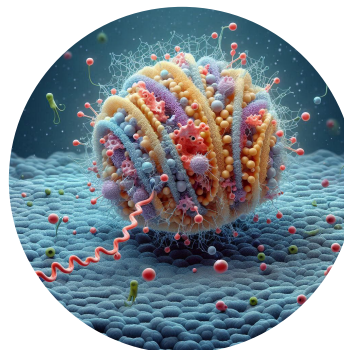
(Tuesdays and Thursdays, 6PM to 7PM)

Who Can Apply

Any science or biotech graduate:
BSc/Btech/BPharm etc.

Registration link:

<https://iisc.online/admissions/home.html>



To Apply Scan here



More details <https://cce.iisc.ac.in/cce-proficiency/>