

Whom will the course benefit?

Faculty members, researchers and practicing professionals in the domain of biotechnology who are interested in protein structure and functions.

Course Objective:

To teach the basic principles and application of protein structures and engineering.

Course Contents:

1. Structure and classification of proteins
2. Protein synthesis and purification
3. Design of proteins with novel functioning
4. Assessment of proteins cell
5. Protein-ligand interaction and drip design
6. Methods to access protein structures and function



Faculty:

Prof. Mahavir Singh, Indian Institute of Science will deliver the lectures.

Eligibility:

The course is meant for faculty of engineering colleges recognized by All India Council for Technical Education (AICTE), National Institutes of Technology (NIT's) and National Institute of Technical Teachers' Training & Research (NITTTRs). Selected teachers will be paid TA at actual subject to the limit of Three tier AC train/bus fare by the shortest route from the place of work to Bengaluru and back. **However, the maximum TA payable is Rs.3000/-**. They will be provided with a daily allowance of Rs.500/- (for 5 days only) towards boarding and lodging as per QIP rules, and will be supplied with the course materials. **The lodging charges will be Rs.300/- per day. Local participants will be paid DA @ Rs.150/- per day for 5 days.**

In addition, a few seats are available for non-sponsored (self-support) teachers, scientists from research labs, practicing engineers from industries and other interested persons on payment basis.

Course Fee:

Academic Institutes, Govt. R&D Labs: **10,000 INR**
Private Industries : **15,000 INR**

This will entitle them to participate in the course and receive the course material. Single room **accommodation** is available on the Institute campus at the **Hoysala House**. The participants have to request in advance along with the registration form for such accommodation. The lodging charges will be **Rs.1000/- per day** for self-support college teachers, and **Rs.1500/- per day** for industry participants, subject to availability of accommodation.



CENTRE FOR CONTINUING EDUCATION
Indian Institute of Science,
Bengaluru -560 012

QIP Short Term Course On "PROTEIN STRUCTURE AND DESIGN" 10-14 July 2017

Registration Form

(Please mail to reach before **10 May 2017**)

1. Name.....
2. Age:..... Sex: Male/Female
3. Office address
.....
.....
.....
4. Landline No. with STD code:.....
5. Mobile No.
6. Email ID:.....
7. Academic Qualifications
Degree subject year University
Diploma/B.Sc./B.A.....
B.E/B.Tech/M.Sc.
M.E/M.Tech./M.Phil.....
Ph.D. Completed/Pursuing/Intend pursuing:.....
Thesis title/Proposed Research Area:.....
.....
.....
8. Teaching Experience.....(Years)
9. Industry Experience(Years)
10. Course taught/professional responsibilities.....

QIP Short Term Course On
"PROTEIN STRUCTURE AND DESIGN"

10-14 July 2017

Coordinator

Prof. Mahavir Singh
Dept. of Molecular Biophysics Unit

Sponsored by
AICTE, NEW DELHI



Centre for Continuing Education
Indian Institute of Science
Bengaluru – 560 012
<http://www.cce.iisc.ernet.in>

Intending participants may use the attached application form or a xerox copy of the same. Applicants from AICTE recognized colleges, NIT's and NITTTRs are required to submit their applications sponsored by their colleges.

Non-sponsored (self-support) teacher applicants should send their application along with a **DD for the course fee** drawn in favor of "Registrar, Indian Institute of Science, Bengaluru -560012" payable at Bengaluru. The course fee will be **Rs. 10,000** for participants from **academic institutions and government research labs**, and **Rs. 15,000** for participants from **other organizations**.

Deadlines:

Receiving completed applications: **10 May 2017**

Intimation of selection: **15 May 2017**

Please mail the filled-in application form to:

The Officer-in-charge
Centre for Continuing Education
Indian Institute of Science
Bengaluru - 560 012
Telephone: 080-23600911, 22932055
Email: admin@cce.iisc.ernet.in/
office@cce.iisc.ernet.in

To reach on or before: 10 May 2017

11. Accommodation required Yes / No

12. Self-support candidate :

Academic Institutes, Govt. R&D Labs: **Rs. 10,000**
Private Industries : **Rs. 15,000**

Demand Draft No..... dated.....

I agree to abide by the rules of the QIP courses. If selected, I shall participate in the course for the entire duration.

Date: _____
Place: _____ Signature

The applicant Mr/Ms.....

.....
from our institution will be permitted to attend the QIP Short Term Course on "Protein Structure and Design" to be held during **10-14 July 2017** at the Indian Institute of Science, Bengaluru, if selected. He/she will be granted necessary leave of absence.

It is certified that our college is recognized by AICTE Order No:.....Date:.....

Place: _____
Date: _____ Signature of Head of the Department

Signature and Seal of the Principal of the Institution

(Xerox copy of this form may also be used)