

Synthetic Biology Internship

Research Areas under Synthetic Biology for Internship candidates:

1.

Modular Assembly

Building circuits from standardized genetic modules.

3.

CRISPR-Cas9 Editing

Precise genome modification using the CRISPR-Cas9 system.

5.

Gene Knockout

Disabling a specific gene to study its function.

7.

Protein Fusion

Combining different proteins to create multifunctional constructs.

9.

Pathway Optimization

Enhancing the production of desired metabolites in microorganisms.

11.

Metabolite Sensing

Engineering biosensors to monitor metabolite levels in real-time.

13.

Network Analysis

Studying the interactions within biological systems.

15.

Evolutionary Algorithms

Using algorithms to guide the evolution of biological systems.
17.

Cell-Free Protein Synthesis

Producing proteins outside of living cells.
19.

Gene Delivery Vectors

Developing viral and non-viral vectors for gene delivery.
21.

Ex Vivo Gene Editing

Editing patient cells outside the body before re-implantation.
23.

RNA Vaccines

Using synthetic mRNA to induce immune responses.
25.

Bioprospecting

Discovering novel bioactive compounds from nature.
27.

Stem Cell Engineering

Modifying stem cells for regenerative therapies.
29.

Synthetic Tissues

Creating synthetic tissues and organs for transplantation.
31.

Pharmacogenomics

Using genetic information to optimize drug selection and dosing.
33.

Synthetic Antibodies

Designing synthetic antibodies with specific binding properties.

35.

RNA-Based Vaccines

Developing vaccines based on synthetic RNA.

37.

Theranostic Nanoparticles

Combining diagnostics and therapeutics in a single nanoscale system.

39.

Genomic Data Analysis

Analyzing large-scale genomic data for therapeutic insights.

Allocation of the topic is depended upon the selected duration and availability of the resources.

Fee Structure

Note 1: Fee mentioned below is per candidate.

Note 2: Fee of any sort is NON REFUNDABLE once paid. Please cross confirm all the details before proceeding to fee payment

2 Days Total Fee: Rs 15652/-
Reg Fee Rs 4696/-
5 Days Total Fee: Rs 39130/-
Reg Fee Rs 5500/-
10 Days Total Fee: Rs 60000/-
Reg Fee Rs 5500/-
15 Days Total Fee: Rs 94737/-
Reg Fee Rs 5500/-
20 Days Total Fee: Rs 140000/-
Reg Fee Rs 5500/-
30 Days Total Fee: Rs 222353/-

Reg Fee Rs 5500/-
45 Days Total Fee: Rs 338824/-
Reg Fee Rs 5500/-
2 Months Total Fee: Rs 420000/-
Reg Fee Rs 5500/-
3 Months Total Fee: Rs 640000/-
Reg Fee Rs 5500/-
4 Months Total Fee: Rs 850000/-
Reg Fee Rs 5500/-
5 Months Total Fee: Rs 1070000/-
Reg Fee Rs 5500/-
6 Months Total Fee: Rs 1280000/-
Reg Fee Rs 5500/-
7 Months Total Fee: Rs 1500000/-
Reg Fee Rs 5500/-
8 Months Total Fee: Rs 1710000/-
Reg Fee Rs 5500/-
9 Months Total Fee: Rs 1920000/-
Reg Fee Rs 5500/-
10 Months Total Fee: Rs 2140000/-
Reg Fee Rs 5500/-
11 Months Total Fee: Rs 2350000/-
Reg Fee Rs 5500/-

1 Year Total Fee: Rs 2570000/-

Reg Fee Rs 5500/-

Please contact +91-9014935156 for fee payments info or EMI options or Payment via Credit Card or Payment using PDC (Post Dated Cheque).