



## Bioinformatics Internship

### NTHRYS BIOINFORMATICS INTERNSHIPS

Embark on a transformative journey in the realm of bioinformatics with our cutting-edge internship program. Explore the intersection of biology and data science as you delve into genomics, computational biology, and biostatistics. Join a dynamic team committed to advancing bioinformatics research, honing your skills in data analysis, algorithm development, and next-generation sequencing. This internship offers a unique opportunity to apply theoretical knowledge to real-world challenges, fostering a deep understanding of biological systems through computational approaches. Seize this chance to contribute to groundbreaking discoveries at the forefront of bioinformatics innovation.

NTHRYS provides Bioinformatics Internship for interested candidates through online and offline mode at its Hyderabad facility, Telangana. Please refer below for more details including Topics, Fee structures, Eligibility, Protocols and Modules etc.,. Please do call / message / whatsapp for more details on 9014935156 [India - +91]

**Eligibility:** BSc / BTech / MSc / MTech / MPhil / PhD in any Life Sciences studying or completed students

### Topics / Titles

Note: Due to certain intellectual constraints complete titles of the topics are not mentioned

Students / Scholars can choose one topic from the below list to undergo internship under this field.

1. Coexpression detection studies
2. Projects on Gene Coexpression Network Analysis
3. Gene coexpression network analysis for SNP in various Alzheimer's Subjects
4. Gene Expression Profiling studies
5. Weighted correlation network analysis for RNA-Seq data of B - cells using R Programming

6. Evolutionary Clustering studies
7. Evolutionary Developmental Transcriptomics analysis of interspecific p53 gene regulatory network
8. Microarray analysis based approach to study the evolution of virulence divergence in various selected Viruses
9. Standardizing a new micro array data analysis algorithm to study the virus induced auto immune disorders
10. Microarray gene expression data analysis of gastroenterology cancer subjects to explore adeno viral gene sequences
11. Data Analysis using Neural networks
12. Algorithm comparative studies
13. Differential Expression studies
14. Docking, Molecular Dynamics, 2D and 3D QSAR studies of novel Alkaloid based ligands obtained from various medicinal plants
15. Docking, Molecular Dynamics, 2D and 3D QSAR studies of novel Terpenoid based ligands obtained from various medicinal plants
16. Docking, Molecular Dynamics, 2D and 3D QSAR studies of novel Flavonoid based ligands obtained from various medicinal plants
17. Immunogenicity, Antigenicity, Pathogenicity, Adjuvanticity and Epitope Mimicry predictions and comparison studies across various microbial pathogens
18. Protein - Protein Docking Studies - Drug Designing Concepts
19. Protein - GlycoProtein Docking Studies - Drug Designing Concepts
20. Protein - RNA [SS & DS] Docking Studies - Drug Designing Concepts
21. Protein - DNA [SS & DS] Docking Studies - Drug Designing Concepts

## 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 1800/-**

**Reg Fee Rs 540/-**

**5 Days Total Fee: Rs 3913/-**

**Reg Fee Rs 1174/-**

**10 Days Total Fee: Rs 6000/-**

**Reg Fee Rs 1800/-**

15 Days Total Fee: Rs 9474/-
<b>Reg Fee Rs 2842/-</b>
20 Days Total Fee: Rs 14000/-
<b>Reg Fee Rs 4200/-</b>
30 Days Total Fee: Rs 22235/-
<b>Reg Fee Rs 5500/-</b>
45 Days Total Fee: Rs 33882/-
<b>Reg Fee Rs 5500/-</b>
2 Months Total Fee: Rs 42000/-
<b>Reg Fee Rs 5500/-</b>
3 Months Total Fee: Rs 64000/-
<b>Reg Fee Rs 5500/-</b>
4 Months Total Fee: Rs 85000/-
<b>Reg Fee Rs 5500/-</b>
5 Months Total Fee: Rs 107000/-
<b>Reg Fee Rs 5500/-</b>
6 Months Total Fee: Rs 128000/-
<b>Reg Fee Rs 5500/-</b>
7 Months Total Fee: Rs 150000/-
<b>Reg Fee Rs 5500/-</b>
8 Months Total Fee: Rs 171000/-
<b>Reg Fee Rs 5500/-</b>
9 Months Total Fee: Rs 192000/-

<b>Reg Fee Rs 5500/-</b>
<b>10 Months Total Fee: Rs 214000/-</b>
<b>Reg Fee Rs 5500/-</b>
<b>11 Months Total Fee: Rs 235000/-</b>
<b>Reg Fee Rs 5500/-</b>
<b>1 Year Total Fee: Rs 257000/-</b>
<b>Reg Fee Rs 5500/-</b>

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