



Skill Development Centre

School of Life Sciences

University of Hyderabad

Summer Research Internship Program

1st May to 30th June, 2022



About

School of Life Sciences (SLS), University of Hyderabad (UoH), internationally recognized for its excellence in teaching and research, has initiated this program to train graduate / post graduate students in cutting edge areas of biology. SLS wishes to share its rich expertise with the students to empower them with required skill set to take up demanding responsibilities in Biotech Industry and academic establishments. The internship program will be conducted periodically by an outfit of SLS, called SLS-Skill Development Center. The SLS faculty members, known for their outstanding research contributions, will host the trainees in their research labs for a period of two months. The trainees will be working on a objective oriented research problem followed by submission of their results in the form of a dissertation. This enables the trainees to gain first-hand knowledge, especially working skills with sophisticated instruments frequently used in research setup and biotech industry.

Eligibility

Graduate / Post graduate students (currently enrolled or completed) in any area of biology.

Fees

Rs. 30,000 (Thirty thousand rupees only) (Boarding/ Lodging and food charges extra; Shared hostel accommodation will be provided based on availability in the University Hostel / Guest house)

Application procedure

Interested candidates are requested to submit their CV and indicate three names of host faculty members in the order of preference.

For further details, Contact

Dr. Suresh Yenugu,
Coordinator, Skill Development Centre
Email: sdcsls.uoh@gmail.com
<http://sls.uohyd.ac.in/new/sdp.php>

Host faculty members

Name	Specialization
Dr. Anil Pasupulati	Molecular Mechanism of Diabetic Nephropathy
Dr. Anita Jagota	Neural Regulation of Biological Clock
Dr. K. Arunasree	Drug discovery pipeline. Animal cell culture. Molecular biology techniques
Dr. K. Gopinath	Plant molecular virology and cell biology-Confocal microscopy of viral coded proteins
Dr. Insaf Qureshi	Molecular and structural biology of human parasitic proteins
Dr. Irfan Ghazi	Rice Functional Genomics for disease resistance
Dr. Manjari Kiran	Cancer genomics and non-coding RNAs
Dr. Mrinal Bhattacharya	DNA repair mechanisms and transcriptional regulations in malaria parasites for novel drug targets
Dr. Moumita Saharay	Molecular biomimetics using computer simulation techniques.
Dr. M. Muthamilarasan	Development of molecular markers for trait mapping in crop plants using next-gen genomics
Dr. H.A. Nagarajaram	Basic and advanced concepts in Bioinformatics
Dr. K. Padmasree	Protein purification and enzyme kinetics
Dr. D. Pankaz	Data analytics and Machine learning in life sciences
Dr. Seema Mishra	Bioinformatics and Computational Biology
Dr. B. Senthilkumaran	Molecular Endocrinology and Reproductive Biology
Dr. Sharmistha Banerjee	Characterization of M.tb proteins; Small inhibitors against antimicrobial resistance; BSL3 practices
Dr. Srinivasulu Kurukuti	Epigenetic gene regulation during stem cell differentiation
Dr. Sunanda Bhattacharya	Study of DNA replication of human malaria parasite as novel drug target
Dr. Suresh Yenugu	Functional characterization of reproductive tract proteins using knock out animal models
Dr. Vaibhav Vindhal	Computational Functional Genomics
Dr. Vivek Thakur	Computational genomics