

Department Of Biochemistry

Advance Learner Programme 2023-24

The department encourages the advanced learners to take up Summer internships and training programs at other research labs.

Also within college these students are allotted inhouse student projects.

For the autonomous batch, ALP-Advanced Learner programme is being offered as summer internships at hospitals or research labs for one-month duration, or 15 days for which they earn one credit.

S.No	Name of the organization/Research Lab	No. of Students took part in ALP	Nature of ALP
1.	Department of Biochemistry Osmania University	01	Project one month long
2.	Institute of Genetics	02	15 Days Summer Internship
3.	Biversity	01	10 Day Summer Internship
4.	Learn To Upgrade	05	15 Days Internship
5.	Dr.Reddy's Institute of Life Sciences	04	3 Months Internship/Mentorship programme with fellowship of 10,000/Month

List of BBC III Students completed ALP

Batch R21

S.No	Roll Number	Name Of Student	No. Of Training Programmes	No .Of Credits
1.	1204-21-488-0	Asiya Rehman	02	01
2.	1204-21-488-014	Feba Mathew	01	01
3.	1204-21-488-011	Nadia	01	01

4.	1204-21-488-009	Pushpa latha	01	01
5.	1204-21-488-030	Vennela	01	01
6.	1204-21-488-004	Sankeerthana	01	01

Advance Learner Program – Details, list of students – For odd and even Sem

Sr No.	Name	HTNO	Combination/Sem	Details of Programs/Activities- report with photos, signature of students
1	Asiya Rahman	120421488020	B.Sc BBC III	Project: Evaluation of invitro antioxidant properties of curcumin derivatives 03-04-23 to 29-04-23 At Osmania University Department of Biochemistry Supervisor: Dr. Mir Zahoor Gul ,CSIR -Research Associate, Dept Of Biochemistry ,OU
2	Feba Mathew	120421488014	B.Sc BBC III	Project:
3	Nadia	120421488011	B.Sc BBC III Yr	Project: Clinical Diagnosis, Cytogenetic, Biochemical and Molecular techniques in the Diagnosis of Genetic Diseases 15-05-23 to 07-06-2023 At Institute of Genetics and Hospital For Genetic Diseases,Osmania

				University,Begumpet
4	Asiya Rahman	120421488020	B.Sc BBC III	Project: Clinical Diagnosis, Cytogenetic, Biochemical and Molecular techniques in the Diagnosis of Genetic Diseases 15-05-23 to 07-06-2023 At Institute of Genetics and Hospital For Genetic Diseases,Osmania University,Begumpet

Details of students undertaking Internships 2023-24

Learn To Upgrade Internships completed by five Second year Students

About the Internship

This Online internship has been implemented with an objective to provide hands-on-training in tools and techniques in life sciences/Bio science and allied areas to generate skilled manpower.

The vision of this project training is to bridge the gap between formal education and industry needs in the Biotechnology sector by providing 1 Month industrial skill training to fresh B.Sc students. This gives practical experience in specific domains to biotechnology. Learn to upgrade provides industry-specific training to Biotech students for skill development and enhancing their job opportunities in biotech industries engaged in R & D, quality control & analysis, production & manufacturing, marketing, regulation and IPR. The programme is very beneficial to students as the students get first hand exposure to industrial work-culture and required skills .

Benefits Students gain after completion of the training

(Flexible Schedule, all sessions were Live)

1. Earn an Industry recognized Certificate recognised by DBT and NSDC.
2. 2 hours class per day live class

3. Hands-on Projects to practice various concepts & tools, evaluated by our lead trainer.
4. You can access the session from anywhere without any hassle.
5. Missed any live session? Have the recording of all sessions with one year access.
6. Get weekly assignments & live projects to build confidence in applying the learning, to produce real results
7. Hand-outs will be given to help you maximize the value of online sessions
8. Best quality content which is latest and up-to-date with the industry standards
9. Study materials will be given with lifetime access
10. Learning experience from experienced and certified Trainers.
11. Many free webinar access to all existing learners.
12. 3 days free webinar on "how to write effective research paper" & "How to publish the research paper without paying any fee"
13. Learn quality thesis writing skill
14. Internship report

Certification

All the participants received DBT recognized learn to upgrade Internship certification

S.No.	Name of the student	H.T.No.	Combination	Project title	Internship/project details/ Supervisor/Location
1.	Tanya Negi	120422488005	BSc BBC	Bioinformatics Tools & Software	15 Days Internship Learn To Upgrade (DBT/NSDC) 08-09-23 to 05-10-23 Supervisor. Mr. Jitesh Doshi, Dr Pradip, Dr Deepti
2	Safa Hasan	120422488020	BSc BBC	Genetic Engineering using CRISPR Technology	15 Days Internship Learn To Upgrade (DBT/NSDC)
3	Kanishka Akula	120422488016	BSc BBC	Genetic Engineering using CRISPR Technology	15 Days Internship Learn To Upgrade (DBT/NSDC) 08-09-23 to 05-10-23 Dr.Gnaneshwar
4	Jennifer	120422488015	BSc BBC	Bioinformatics Tools & Software	15 Days Internship Learn To Upgrade (DBT/NSDC) 08-09-23 to 05-10-23 Supervisor. Mr. Jitesh Doshi, Dr Pradip, Dr Deepti
5	Shaik	120422488023	BSc BBC	Bioinformatics	15 Days Internship

	Farheen			Tools & Software	Learn To Upgrade (DBT/NSDC) 08-09-23 to 05-10-23 Supervisor. Mr. Jitesh Doshi, Dr Pradip, Dr Deepti
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3 Months STEM Internships completed at DRILS by Four students of R20 Batch

Research and Innovation Circle of Hyderabad (RICH) is the nodal agency for Hyderabad Science & Technology (S&T) Cluster, an initiative of the Office of Principal Scientific Advisor (PSA) to the Government of India. It is a Section 8 company under the Companies Act 2013.

Launched in 2017 by the Government of Telangana, RICH acts as a facilitator and aims to foster greater collaboration between various entities in the research and innovation space. RICH operates in close coordination with the S&T Cluster Apex Committee and the Prime Minister's Science, Technology and Innovation Advisory Council (PM-STIAC). The Clusters work towards achieving the following broad objectives:

- To increase India's national & global S&T competitiveness.
- To become regional solution providers for local industry & government.
- To create shared S&T ecosystems in India.

Women in STEM

The programme provides an unique internship opportunity for under-graduate and post-graduate women students in their final year to spend two (2) to six (6) months in labs of premier R&D institutions or industries.



Details of Students undertaking Internship 2023-24

10,000 scholarship per month for a period of 3 Months