

Best Practice 2 : PRAYAS (Promoting Research Apprenticeship for Young Aspirants in Science)

Introduction

The Biotechnology Department of L. J. School of Applied Sciences has undertaken a proactive initiative to encourage students to participate in the various Internship program such as Gujarat State Biotechnology Mission (GSBTM), National Academy of Sciences, Summer Research Fellowship Program, Homi Bhabha Centre for Science Education, etc. This initiative facilitates practical experience for students by connecting them with eminent biotechnology institutes and scientific research organizations across the nation. The initiative aims to bridge academic learning with practical exposure, thereby enhancing students' skills and employability.

2. Purpose of the Initiative

The initiative was started in January 2022 and the core reasons for launching this initiative include:

- **Enhancing Practical Knowledge:** To provide students with real-world laboratory and research experience beyond classroom teaching.
- **Skill Development:** To help students acquire cutting-edge biotechnological skills and methodologies used in premier research centers.
- **Career Exposure:** To expose students to diverse research environments and potential career opportunities in the biotech industry and academia.
- **Networking Opportunities:** To facilitate connections with experts and institutions across India, fostering future collaborations and mentorship.

3. Process Followed

- **Information Sessions/Students Briefings:** Regular information sessions and classes were held to inform students about the different Internship program, its benefits, and application procedures.
- **Application Assistance:** The department provided documentation and guidance on preparing application forms, CVs, and interview readiness to maximize selection chances.

- **Selection and Deployment:** Based on merit of MCQ exam, interview and interest, students were selected and placed in suitable institutes that matched their academic focus and career goals.
- **Mentorship and Monitoring:** Faculty mentors monitored the progress of interns throughout the internship period to ensure meaningful learning outcomes.



4. Outcome and Impact

- **Increased Student Participation:** There has been a consistent rise in the number of students applying and getting selected for the various internships annually.
- **Skill Enhancement:** Students reported significant improvement in practical laboratory skills, research techniques, and problem-solving abilities.
- **Academic and Career Growth:** Many students received positive feedback and recommendation letters from host institutes, aiding in their higher studies and job placements.
- **Institutional Reputation:** The department's active involvement in facilitating internships has enhanced its standing as a progressive academic unit committed to student development.

5. Evidence of Success

- Over the past few years, the participation rate of students in various internships has shown a steady upward trend.
- Several alumni of the internship program have successfully pursued higher education and research careers, attributing their initial exposure to this program as a key factor.

6. Conclusion

The Biotechnology Department's initiative to encourage different internships has proved highly successful in equipping students with essential skills and exposure required for their future careers. Continued efforts will be made to strengthen this program, broaden institutional collaborations, and ensure even greater participation and benefits for our students.







Lok Jagruti Kendra University
University with a Difference

School of Applied Sciences
Department of Biotechnology
Internships 2025 Phase-I

Congratulations to the **B.Sc. and M.Sc. Biotechnology** students from the **School of Applied Sciences** who have been selected for summer internships through state and national-level programs. They will be interning at various prestigious institutions across the country, including **IITs, CSIR, ICMR, and Industry partners**. We wish them the best of luck and hope they make the most of this wonderful opportunity.

M.Sc. Students



Aishwarya Nair
Rajiv Gandhi Centre
For Biotechnology
Kerala



Aditi Jha
Actylis Lab
Solutions
Ahmedabad



Sahil Abbas Zaidi
International Centre for
Genetic Engineering and
Biotechnology New Delhi



Khushi Chauhan
Actylis Lab
Solutions
Ahmedabad



Ayushi Upadhyay
Otsuka
Pharmaceuticals
Ahmedabad



Dhyani Suthar
Sardar Patel
University
Anand



Aniket Vaje
International Centre for
Genetic Engineering and
Biotechnology New Delhi



Purva Chaudhari
Indian Institute
of Life Sciences
Bhubaneswar



Mahi Upadhyay
Actylis Aceto
Pharma Pvt. Ltd.
Ahmedabad



Vijayalaxmi Dashora
Actylis Aceto
Pharma Pvt. Ltd.
Ahmedabad



Silviya Vadhvaniya
Indian Institute of
Technology (IIT)
Gandhinagar



Shruti Mane
National Institute of
Pharmaceutical Education
& Research (NIPER) Mohali



Shaikh Jainul
Institute of Himalayan
Bioresource Technology
Palampur

B.Sc. Students



Pal Chaudhary
National Institute of
Pharmaceutical Education & Immunology (NII) New
Research (NIPER) Mohali



Dhruvi Thumar
National Institute of
Pharmaceutical Education & Immunology (NII) New
Delhi



Smit Parmar
Sterling accuris
Diagnosis
Ahmedabad



Aryan Singh
Institute of Bioresources
and Sustainable
Development Manipur



Prerna Ranglani
Indian Institute of
Technology (IIT)
Gandhinagar



Prisha Parikh
National Institute of
Pharmaceutical Education
& Research (NIPER) Mohali



Rutajit Dey
Indian Institute of
Technology (IIT)
Jodhpur



L J INSTITUTE OF APPLIED SCIENCES

Congratulations




We are extremely proud and happy to share that following students of B.Sc. and M.Sc. of L J Institute are selected for Gujarat Sate Biotechnology Mission Summer Research Internship in various National Research Institutes and Industries across India.

								
Hadisha Naqvi (M.Sc.) Geer foundation, Gandhinagar Gujarat	Shrimali Nikulkumar (M.Sc.) Sterling Accuris Ahmedabad, Gujarat	Alfin Khan Pathan (M.Sc.) Sterling Accuris Ahmedabad, Gujarat						
								
Nandini Patel (B.Sc.) IIT – Gandhinagar Gujarat	Japan Raval (B.Sc.) NIPER – Hyderabad Telangana	Druшти Pandya (B.Sc.) IIT – Gandhinagar Gujarat	Divy Patel (B.Sc.) Rajiv Gandhi Centre for Biotech Research Thiruvananthapuram Kerala	Zeel Patel (B.Sc.) CSIR-IMTECH Chandigarh	Mankad Tirth (B.Sc.) Regional Center for Biotechnology Faridabad, Haryana	Mehta Bhakti (B.Sc.) CSIR-IMTECH Chandigarh	Kishor Jirikh (B.Sc.) Rajiv Gandhi Centre for Biotech Research Thiruvananthapuram Kerala, Kerala	Kajal J Rajput (B.Sc.) Regional Centre for Biotechnology Faridabad, Haryana








L J SCHOOL OF APPLIED SCIENCES

Congratulations



We are extremely proud and happy to share that following students of B.Sc. and M.Sc. of L J School of Applied Sciences are selected for Gujarat State Biotechnology Mission Summer Research Internship and GEER Foundation Internship Programs in various National Research Institutes across India.

									
Aditi Isha (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) CSIR – IISc Goa	Anshu Singh (B.Sc.) IIT – Bombay Maharashtra	Anshu Singh (B.Sc.) IIT – Gandhinagar Gujarat	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh	Anshu Singh (B.Sc.) CSIR-IMTECH Chandigarh
									
Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana	Anshu Singh (B.Sc.) NIPER – Hyderabad Telangana

Department of Biotechnology, L J School of Applied Sciences, L J University, Ahmedabad.



L J INSTITUTE OF APPLIED SCIENCES



DEPARTMENT OF BIOTECHNOLOGY

We are extremely proud and happy to share that following students of B.Sc. and M.Sc. of L J Institute are selected for **Gujarat State Biotechnology Mission Summer Research Internship - 2024** in various National Research Institutes across India.



Aadil Mansuri
CSIR IHBT -
Palampur
Himachal Pradesh



Ananya Sheth
NIPER -
Hyderabad
Telangana



Anupam Raj
InSTEM -
Bengaluru
Karnataka



Ayush Paswan
CSIR IHBT -
Palampur
Himachal Pradesh



Arushi Jain
CSIR CFTRI - Mysore
Karnataka



Mishka
Choganwala
CSIR CFTRI -
Mysore
Karnataka



Jhanvi Choksi
CSIR NCCS - Pune
Maharashtra



Gungun Sharma
IIT - Roorkee
Uttarakhand



Ameer Khakhar
IIT - Roorkee
Uttarakhand



Khushi Parsiya
IIT - Gandhinagar
Gujarat



Ruturaj Masani
NIPER - Hyderabad
Telangana



Kruti Mehta
IIT - Gandhinagar
Gujarat



Isha Mistry
RCGB -
Thiruvananthapuram
Kerala



Hot Modi
CSIR IHBT - Palampur
Himachal Pradesh



Kashish Shah
CSIR IHBT - Palampur
Himachal Pradesh



Prathanaben Shah
IIT - Gandhinagar
Gujarat



Divyansh Sinha
CSIR CFTRI - Mysore
Karnataka



Saumya Thanvi
CSIR IHBT - Palampur
Himachal Pradesh



Shalvi Vaidya
NIPER - Kolkata
West Bengal