



(Letter from Parent Department)

December 31, 2022

To whom it may concern

Given the huge importance of research project/dissertation, it has become an inevitable part of academic programs. Students develop scientific temperament, accumulate unprecedented skills and experience. The students get opportunity to test their capability to work independently and think critically. The research project serves a strong bridge between master's program to research including PhD program.

The 4th semester of our M. Sc programs aimed at a laboratory based research project in a relevant field for 4-5 months. The project dissertation will earn students 16 credits. The various aspects, including thesis contents, techniques learnt, quantum and importance of results obtained, and finally presentation of comprehensive project, will be assessed for award of credits.

The students have been taught extensively the basic and advanced academic courses in biological sciences/biochemistry and have got ample training in the laboratory techniques including the gel filtration, PAGE, polymerase chain reaction, western blotting, and rudimentary works related to molecular cloning and culturing of the cells.

I strongly recommend (student name) of this department for the research project/dissertation in your Department/ lab. He is one of the meritorious student of the department.

A handwritten signature in black ink, appearing to read 'Nazir Ahmad Dar'.

Head of the Department
(Dr. Nazir Ahmad Dar)

19 June 19, 2023

Dear Sir/ Madam

We are extremely grateful for hosting our student/s for internship. We are sure that training in your institute will transform our students. Further, we want to share with you the objective, the evaluation process and the weightage for its various parameters so that you will guide them accordingly.

Internship

The research project/Internship is an important part of our M. Sc. Biochemistry program. It trains students at a higher level after getting the basic academic and laboratory teachings. The project is not only important in passing the course but also serves as the final test of students' capability to work independently and think critically. Students explore a different world and get time to test their choice and taste for research. The project can serve as a strong bridge between master's program to research including PhD program or to enable the internee to work in related industry. The project dissertation can be carried out in any laboratory and will be assessed in its various aspects- dissertation, techniques learnt, quantum and importance of results, and presentation of comprehensive project.

Expectations

Internship can help students to develop a research aptitude. Can think of sensible and original research questions. In line with the above aim, a simple research question will be taken up by a student under the mentor's supervision, will plan an approach to address the question, assimilate the observations and results into a formal dissertation (introduction, aims and objectives, review of literature, methodology, results, discussion, summary). The internship will help the students to earn 16 credits –

Parent Department (14 Credits)	10 Credits (250 marks) for dissertation write up quality, techniques learnt, quantum and importance of results, and comprehensive presentation of project
	4 credits (100 marks) for project related presentation, defending their dissertation work to be evaluated by an external examiner (to be nominated by the Head of the Department) and all the faculty members. The presentation will be followed by the viva voce of the students to be carried out by the external examiner
Host Institute (2 Credits)	50 marks (2 credits by the host institute) - Details are provide below

Host Institute Evaluation 50 Marks (2 credits)

During the project, the students will be critically evaluated by the host supervisors and will be graded by them based on their attendance in the lab, daily experimental work, writing skills and other criteria related to routine lab work. The attached assessment form (Table 1) may kindly be returned to the Head of the Department at the end of the project.



Table 1: Evaluation form for host Institute evaluation

Important Dates Beginning of Internship: 19 June, 2023 End Date: 15 November 2023 Submission of dissertation: 30 -11-23 Department evaluation: 1 December onwards		
Student name: Roll No: Project Title:		
S. No	Parameters	Marks allotted (out of 5 marks in each parameter)
1.	Attendance	
2.	Results	
3.	Techniques learned	
4.	Presentation quality (Host Institute)	
5.	Research aptitude	

Signature of Supervisor

Name

Stamp