

PROJECT WORK / DISSERTATION IN LIFE SCIENCE

Choosing a thesis or training lab and a mentor may be the toughest problem that you will ever face, but it is an important one, and you will want to get it right the first time. A good place to start your search for the ideal lab is to consider what the goals and purpose of doing a thesis or training . **Project / Dissertation** work is not only the **essential part of a degree program but also a gateway for better career opportunities**. Choosing a topic is not important, but what has been found in the research is the important .



Our Advantage :

- » Adequate **Research Facilities** to work in all major areas of Biotechnology, Biological Science, Chemistry, Forensic Science, Food Science & Pharmacy.
- » Dedicated **Research Advisory Board**
- » Focus on Industry Oriented Learning or Translational Research
- » Rigorous experiments and full time working
- » Publication of research in **UGC approved Journal** (Advance Research Only)
- » Monthly / weekly reporting to Industry and Institutional Guide is Mandatory
- » Publication of Research Paper (Duration 3 to 6 Months & Advance Research Projects)
- » Both the guides and student will have their name in journals for the research
- » Publication in peer reviewed journal is the guarantee of quality research

After successful completion of the project research internship , they will get their **Certificate** along with **Evaluation Sheet** (**E-Copy of the certificate will be send to their concerned institution for validation**)

Admission Criteria : First Come - First Serve

Note -

1. **Do't ask for issue of certificate or project work without lab work at any cost**
2. **We encourage product development or innovative idea for piece of research**

Research Area in Biotechnology :-

1. Microbial Technology & Meta-Genomics 2. Molecular Toxicology 3. Epigenetics / Cancer Genetics 4. Gene Cloning & Expression 5. Protein Chemistry 6. Enzymology / Enzyme Production 7. Pharmaceutical Biotechnology 8. Herbal Drug Analysis 9. Food Sciences 10. Forensic Science 11. Bio-Fuels 12. Environmental Biotechnology 13. BioChemistry 14. Antibiotics 15. Bio Waste

Research Area in Food Science & Technology :-

1. Food Chemistry 2. Food Genetics 3. Food Toxicology 4. Food Microbiology

Research Area in Forensic Science :-

1. Forensic Chemistry 2. Forensic DNA Biology 3. Forensic Toxicology 4. Forensic Medicine 5. Bio-Analytical Method Validation of Drugs 6. Drug of abuse

Research Area in Chemistry :-

1. Organic Chemistry 2. Industrial Chemistry 3. Forensic Chemistry 4. Pharmaceutical Chemistry 5. Cosmetic Chemistry 6. Food Chemistry 7. Herbal / Natural Product Chemistry 8. Perfume Chemistry 9. Analytical Chemistry

Research Area in Pharmaceutical Science :-

1. Pharmaceutical Chemistry || 2. Pharmaceutical Biotechnology|| 3. Pharmacognosy

Information about Project / Dissertation Topics:

- Discussion with you , institutional guide and industrial guide for better research
- Focus on Product Development or innovative ideas for basic or translational research
- Opportunity to be the part of in-house on going research projects
- You may choose one short term training program of your choice in the same fee structure

Why Us ?

- Opportunity to explore your scientific potential
- No need to worry for sample analysis for sophisticated instrumentation
- Adequate in house research facility of above mentioned area of research
- Scientific & Technical Guidance for research

Important Note:

- Kindly discuss with your faculty or institutional guide with the printout of this brochure
- **If possible arrange a conversation with institutional guide at : 9891179928**
- **We think that your institutional mentors are the best guide for your career development.**

Fee Structure For Indian National Only :

DURATION	BASIC RESEARCH	ADVANCE RESEARCH
2 Months	Rs 12,000 / -	N/A
3 Months	Rs 15000 /-	Rs 20,000 / -
6 Months	Rs 25000 /-	Rs 35,000 /-

HOW TO APPLY –


Details of Documents For Registration :

1. Any identity proof along with University / College Identity Card / Aadhar Card etc.
2. Filled **Registration form** with photograph (Given in Last Page of Brochure)
2. **Registration fee** will be Rs 1000 / - paid through cheque or on line payment

How to pay Registration Fee Off Line (Those Who Send Documents by Post) :

1. Cheque or D.D will be in favour of “ **Allele Life Sciences Private Limited**”

On Line Payment :

Payment By Internet Banking	Scan UPI Code
Beneficiary Name - Allele Life Sciences Private Limited Account Number - 61071508494 IFSC Code - SBIN0031811 Bank Name - State Bank of India Bank Address - SBI, 14/15, Sector-18, Noida, UP - 201301 Or Pay Through UPI / BHIM App UPI Address - allelelifesciences@upi	

How to send document :

Those who pay through cheque send all documents at following address :

Allele Life Sciences Pvt. Ltd.

C - 59 , Sector - 10 , Noida
Uttar Pradesh - 201301 , IN
M : + 91-9891179928

Those who opt on Line registration send scan copy of all documents and receipt of online payment at : allelelifesciences@gmail.com

Note : We will send confirmation within specified time through e.mail or remind us.

Registration Form

Name of Training Program :

Expected Date of Joining :

Candidate Details :

Name:

Father's Name:

Address :

Contact No :

Email:

Institution :

Qualification :

Terms & Conditions :

1. The admission to training / internship programs will be confirmed after the payment of registration fee along with documents.
2. The registration fee deposited is completely non refundable.
3. The industrial training fee includes the cost of chemical , reagents and study material costs.
4. I will deposit the service charges as decided by the company at the time of joining date of training program.
5. Students have to bear their own boarding/lodging /conveyance charges. We facilitate students in finding proper paying guest arrangements.
6. The trainees will have to bring their own lab coat and wear them all the time in the campus.
7. Trainees are selected on first come first serve basis
8. Trainees will maintain adequate discipline inside the lab premises.
9. Company will not be responsible for any medical, legal issues during the internship tenure.

DECLARATION

I _____ from _____
hereby declare that all statement/information given in the application form are true to the best of my knowledge and belief . I will strictly abide by the norms/lab etiquette during the training

Signature

Place: _____

Date: _____

For office use only

Instruments Capabilities

Our State of art facility is located in Industrial Area of Noida (NCR) . The lab / research facility is Total : 6000 Sq Feet

Affymatrix & Agilent Microarray Platform	Gene Expression Studies, Biomarker, Sequencing
Real Time PCR (ABI)	Gene Expression, Sequence Detection
PCR (ABI, Biorad , Eurofins) - 5 in numbers	Amplification of nucleic acids
Bioanalyser & Spectrophotometer	Quantification of Nucleic Acids
Gel Documentation System	Visualisation of Nucleic Acids, PCR Products etc.
Electrophoresis & Power Supply (Biorad) - 7 Sets	Separation of Nucleic Acids & Other Arrays
DNA Concentrator (Thermo Speedvac)	Nucleic Acid Extraction
Centrifuge, High Speed Centrifuge - 8 Nos	Sample Preparation
PCR Station and other accessories	

Biorad Profinia Affinity Chromatography	Affinity Chromatography - IMAC, GST, Antibody
Biorad Biologic Low Pressure Chromatography	Size Exclusion, Ion Exchange, Affinity etc.
Preparative HPLC (Thermo) , Agilent 1100	Bulk Protein Purification & Analysis
GE Amersham 2-D Electrophoresis System	Protein Characterisation
Immunoblot, SDS-PAGE , Biorad HV Powerpac	Visualisation of Nucleic Acids, PCR Products etc.
Mass Spectrometry , ELISA, Immunoassay	Protein Identification
Cryo Preservation Facility & Common Facility	Sample Storage & Preparation

Agilent HPLC System - PDA, FLD & ECD Detector	Separation and analysis of molecules
Agilent GC with FID & FPD Detectors	Separation and analysis of molecules
Thermo Prep HPLC with Dual Pump & UV-Vis	Bulk Purification & Analysis
Shimadzu GC with FID & NPD Detector	Separation and analysis of molecules
Triple Quad GC-MS System (Agilent)	Analysis of Semi Volatile & Volatile Compound
LC-MS-MS (API Sciex)	Analysis of Non Volatile Compound
Varian Carry Spectrophotometer	Analytical Tool for various purpose
Thermo Helios Spectrophotometer	Analytical Tool for various purpose
Vacuum Rotary Evaporator (Buchi)	Sample Preparation

Other Analytical Chemistry Equipments :

Refractometer , Flame Photometer (Toshniwal), Karl Fisher Titrator (Sistrionics), Potentiometer, Polarimeter , Tintometer ,Viscometer , Kjeldahl Distillation Unit , Kjeldahl Digestion Unit , Ion Selective for Fluoride Analysis (Thermo Orion) , Nephelometer , Soxhlet Extraction , Rotatory Vaccum Evaporator with chiller , etc.



Microbiology & Cell Culture Facility : Vertical Laminar Air Flow (4x2x2) , Horizontal Laminar Air Flow (2x2x2) B.O.D. Incubator (Julabo) , CO₂ Incubator (Jauan) , Orbital Incubator Shaker, UV Chamber , Incubator, Colony Counter , Colorimeter , Muffle Furnace , Hot Air Oven , Desiccators, Binocular Microscopes and , Lypholizer

Biochemistry / Organic Synthesis Chemistry Lab : Spectrophotometer (Thermo Heleus Alpha) , Analytical Balance (Sartorius) , Ph Meter (Thermo Orion) , Ion Selective (Thermo Orion) , Conductivity Meter (Thermo Orion) , Dissolved Oxygen Meter (Thermo Orion) , Turbidity Meter, Autoclaves, Hot Air Oven , Hot Plate , Magnetic Stirrers , Pipette Washer , Shaking Machine , Water Bath , Colorimeter , Flame Photometer , etc.

Lab Water Purification : Millipore Milli Q System

Clinical Biology Lab : Haematology Analyser , Automatic Immunoassay, Haematology HPLC Biorad Variant II



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