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energizing education

Advanced Diploma in **Biotherapeutics**



Putting life into education

Advanced Diploma in Biotherapeutics



Reliance Institute of Life Sciences is offering a full-time advanced Diploma program in Biotherapeutics for the academic year of 2011 and 2012. The program aims to impart training in various areas of biotherapeutics research and development. The details of the program are given below.

1. Program (12 months - full time)

1.1 Class room training: 3 months [5 days a week (Monday to Friday) 6 hours per day]

Core

- Introduction
- Cell Biology
 1. Embryonic stem cell
 2. Haematopoietic stem cell
 3. Ocular stem cell
 4. Skin & tissue engineering
- Virology, siRNA, Gene therapy
- Molecular biology
- Antibody Engineering
- Upstream bioprocessing
- Downstream bioprocessing
- MNC interface
 1. Fermentation /cell culture
 2. Primary recovery
 3. Downstream bioprocessing
- Therapeutics products overview
- Management
- Health, Safety and Environment

Elective

- Overviews
 1. Instrumentation & control
 2. cGMP manufacturing
 3. Quality management
 4. Preclinical research
 5. Clinical research

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1.2 Project: 9 months [6 days a week (Monday to Saturday)] in any of the following areas

1. Cell biology
2. Molecular biology
3. Upstream process engineering
4. Downstream process engineering
5. Biochemicals

A thesis needs to be submitted at the end of project work.

2. Eligibility

Candidates who have graduated in 2010/2011 with the following degrees:

B.Tech. or B.E.
(Biochemical Engineering/Biotechnology/Chemical Eng./Industrial Biotechnology/Biomedical Engineering)

or

M.Sc.
(Applied Biology/Biochemistry/Bioinformatics/Biology/Biotechnology/Life Sciences/Microbiology)

Final year students who are writing their examinations this year are also eligible to apply. The applicants must hold a first class in his/her academics at the time of application. The maximum age limit for the admission to this program is 25 years.



3. Application Fee

The application form must be downloaded from the web site (<http://www.rils.ac.in>) and filled up legibly. A non-refundable application fee of INR 500/- (Rupees five hundred only) has to be paid through demand draft in favor of 'Reliance Institute of Life Sciences' payable at Mumbai along with the application.

Completed application form along with the application fee needs to be sent via courier to the following address:

Directorate,
Reliance Institute of Life Sciences, Dhirubhai Ambani Life Sciences Center,
Thane Belapur Road, Rabale, Navi Mumbai 400 701, India
Tel : +91-22-6767-8304
Fax : +91-22-6767-8099
E-mail : director@rils.ac.in

4. Selection Procedure

The selection will be done through a national level on-line test comprising questions from biotechnology, quantitative analysis and English comprehension. There will be 60 multiple choice questions which will have to be answered via internet portal within 45 minutes. The address of the internet portal and the time of the examination will be notified to the eligible candidates via E-mail at appropriate time.

The on line test will be followed by a personal interview which will be conducted in Navi Mumbai.

5. Intake Capacity

The intake capacity of this program is limited to 20 persons. The admission will be done strictly on the basis of merit.

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6. Course Fee

The course tuition fee is INR 100,000/- (Rupees one lakh only) which has to be paid at the time of admission through demand draft in favor of 'Reliance Institute of Life Sciences' payable at Mumbai.

7. Faculty

Faculty is drawn primarily from Reliance Life Sciences Pvt. Ltd. Some of the faculty will come from other companies of Reliance Group and other industries.

8. Academic Infrastructure

The class room training will be conducted in lecture halls equipped with computer, LCD projector and audio system. The projects will be carried out in state-of-the-art research and development laboratories in Reliance Life Sciences Pvt. Ltd.

9. Venue for the Program

The entire program will be conducted at Dhirubhai Ambani Life Sciences Center in Navi Mumbai.

10. Placement

Participant, who completes the program successfully (with first class), will be assisted on the placement in various companies, which are engaged in biotherapeutics research and development.

11. Accommodation

Shared accommodation and transport will be provided for the first 15 days free of cost to the outstation candidates. However, within this period, the participants will have to find suitable shared accommodation on their own in Navi Mumbai (Airoli/Ghansoli) area.

12. Cafeteria

There is one cafeteria in the campus, which provides breakfast, lunch and evening snacks at affordable rates.

13. Healthcare

Medical doctors are available in the campus to take care of an emergency. Ailments can be treated in public and private hospitals at Navi Mumbai, which are accessible 24 hrs.

14. Location

Dhirubhai Ambani Life Sciences Center is located on Thane-Belapur Road opposite to Rabale railway station at Navi Mumbai. This Center is well connected with city center via public transport systems.

IMPORTANT DATES:

Last date for application form submission	: May 16, 2011
On-line test	: May 27 - 28, 2011
Interview at Navi Mumbai	: July 01 - 02, 2011
Course starts at Navi Mumbai	: August 01, 2011

IMPORTANT NOTES:

- The application fee is non-refundable.
- Applicants need to write the E-mail address and mobile phone number in their application form clearly without which the application will be rejected.
- All communication will be done via E-mail only.
- It is applicants' responsibility to make arrangements for taking on-line admission test via internet portal.

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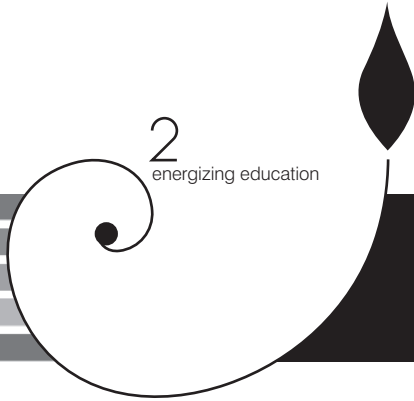
Advanced Diploma in Clinical Research

Advanced Diploma in Biopharmaceuticals Manufacturing

Advanced Diploma in Quality Management

Young Manufacturing Professionals' Program

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Application form for the admission to diploma program
in Biotherapeutics

A. NAME

First

Middle

Last

Photo

B. DATE OF BIRTH

Day Month Year

C. PLACE OF BIRTH

Town/City

State

Country

D. GENDER

Female

Male

E. ADDRESS FOR COMMUNICATION

Apartment/House Number & the Name of the Building

Street/Road/Boulevard

Town/City

State

Country

PIN Code

E-mail address

Telephone

Mobile

F. ACADEMIC QUALIFICATION

Degree

B.Tech./B.E.

M.Sc.

Subject

University / Institute

Year of passing

% or CGPA

