



National Institute of Mental Health and Neurosciences

(An Institute of National Importance)

Bengaluru - 560 029

Department of Human Genetics

Invites application for three months Certificate course on **‘Molecular Cloning’**

About the course

Genes code for the functional molecules which are essential for normal growth and development. Alterations in the structure, expression and function of various gene products are implicated in diseases development. In the post genomic era we understood genetic cause for many diseases. On the contrary the genetic understanding of the complex conditions like Neurological disorders, Psychiatric disorders, Cancer, Diabetes etc. remains challenging. Molecular insight in the disease causation and development is a critical need for their management. Molecular cloning is an inevitable tool to understand the gene products at various level and it is fundamental for disease diagnosis and prognosis. Thus, this three month Certificate course on **‘Molecular cloning’** will offer advanced level training in the field of genetics.

Students after completion of this course will gain hands on training in the area of molecular cloning and also get knowledge in recent advanced in genome editing and its various applications. Students can use this expertise in Research Institutes, Pharmaceutical and biotechnology industries, Hospitals and Universities.

Eligibility

- Master degree in any branch of life sciences or Professional Bachelor degree such as MBBS, B.E, B.Tech etc. Ongoing students having final year project also encouraged to apply.

Course details

- Start date : 1st January 2023
- Duration : Three months
- Number of seats : Maximum three per batch
- Course Fee : Rs. 15,000/- (not refundable in case of discontinuation)
- Age limit : 30 years

Application procedure

Selection will be purely on merit. The interested candidates should send their application via Email or hard copy in the prescribed format along with the following documents:

1. Duly filled application form.
2. One page write up how the candidate will be benefited from this course.
3. Copies of certificates/testimonials attesting educational qualification, age, research/work experience, if any, Letter from HOD is mandatory for ongoing students.

Accommodation

The candidates need to make their own arrangements. Limited hostel facility may be offered only on prior request and it is subjected to availability (fees may be charged separately).

Course co-ordinator:

1. **Dr. Mathivanan Jothi**, Associate Professor

Important dates

Last date to receive applications	Intimation about selection	Course start date
30th November 2022	15th December 2022	1st January 2023

For further clarification contact co-ordinator

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