



National Institute of Mental Health and Neurosciences
(An Institute of National Importance)
Bengaluru - 560 029

Department of Human Genetics

Invites application for six months Certificate course on

‘Genetic Diagnosis and Counselling’

About the course

Genes play crucial roles in development, physiological homeostasis and diseases. In the post genomic era, many genetic diseases were found to be caused by single gene alteration. However, the genetic understanding of the complex conditions like Neurological disorders, Psychiatric disorders, Cancer, Diabetes etc. still remains an enigma. Proper understanding of the genetic basis of diseases is critical for their diagnosis as well as prognosis. It is essential to educate the patients and their family members about the genetic background of various diseases, the relevance of genetic diagnosis, types of genetic diagnosis, recurrence risk, reproductive options for the affected and carriers. In addition, the ethical, legal and social issues associated with genetic services also need to be addressed. Therefore, this certificate course is aimed at imparting training on these key aspects to health care professionals who intend to pursue their career in genetic diagnosis and counselling. Given the increasing inquisitiveness amongst the patients and their family members about the genetic basis of human diseases and high demand for such professionally trained people in various settings like prenatal and reproductive technology centres, pediatric clinics, cancer hospitals, mental health care clinics, speciality clinics and research centres, this certificate course would be an ideal platform to obtain the necessary training and gain in-depth knowledge.

Upon completion of this course, the trained professionals will be able to utilize these skills in their profession. Further they will be able to educate the patients and their family members about hereditary and non-hereditary risk factors, identify potential common genetic conditions, discuss the issues related to genetic predisposition to diseases, provide genetic information as well as psycho-social support to patients and their families.

Eligibility

- Bachelor or postgraduate degree in medicine.
- Master degree in any branch of life sciences/biomedical sciences/nursing/social work/clinical psychology.

Course details

- Start date : 1st June 2022
- Duration : Six months
- Number of seats : Maximum five per batch
- Course Fee : Rs. 40,000/- (not refundable in case of discontinuation)
- Age limit : 50 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.

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-ordinators:

1. Dr. Monojit Debnath, Additional Professor
2. Dr. Mathivanan Jothi, Associate Professor
3. Dr. Gautham Arunachal Udipi, Associate Professor

For further clarification contact: **Dr. Mathivanan Jothi**, Phone: 080-26995125
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Important dates

Last date to receive applications	Intimation about selection	Course start date
30th April 2022	15th May 2022	1st June 2022