

### Courses in Genetics

(Maharashtra University of Health Sciences, Nashik)

Organized by:

Department of Genetics, Immunology, Biochemistry and Nutrition,  
Maharashtra University of Health Sciences  
Pune Regional Centre,  
3<sup>rd</sup> floor, Aundh Civil hospital,  
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Telefax : (020) 27286143, 27280454  
Email: muhs.genetics@gmail.com

### Introduction:

Genetics is a rapidly advancing science and the major strides that medicine will accomplish in the present century will be made possible by understanding the progress of human molecular genetics. If

the fruits of this progress are to reach the common man, the medical fraternity has to keep abreast of the ever increasing information in genetics. However, the conventional medical curricula carry very few dedicated teaching sessions in genetics.

To fill this lacuna, the Department of Genetics, Immunology, Biochemistry and Nutrition (GIBN), Maharashtra University of Health Sciences (MUHS) is offering a certificate course in Genetics. It is envisaged that this course will equip the medical fraternity and the technical personnel involved in care of patients and families with knowledge of genetics and molecular biology.

### Aim and Objectives:

- To provide basic understanding of Genetics
- To understand genetics of different diseases.
- To help students understand the principles of Medical genetics and apply in practice.
- To sensitize the participants with the principles of genetic counseling and prenatal diagnosis.

- To train participants to undertake research projects in Genetics.

### Eligibility:

**Certificate course in Medical Genetics:**  
MBBS only

### Certificate course in Reproductive

**Genetics:** MD (Gynecology and Obstetrics)/DGO, practicing gynecology and Obstetrics with experience and/or interest in reproductive genetics, Bachelor degree in nursing with specialty in obstetrics and gynecology

### Certificate course in Human Genetics:

Bachelor Degree from homeopathy, ayurvedic, unani and/or interpathy.  
Bachelor degree in Health Sciences like Nursing, Physiotherapy etc.  
Bachelor degree in Life Sciences

**Duration of the course:** Six months.

**Total Number of Seats:** Seats for this course is limited to **30** only.

**Course Fees:**

Fees will be Rs.20,000/- and Rs.500/- as application processing fees. Fees should be paid within one month of commencement of the course, either in one or two installments, failing which admission to the course stands cancelled.

**Application Form & Information Brochure:**

Information Brochure along with blank application form is available on the University website: [www.muhsnashik.com](http://www.muhsnashik.com). Application form should be downloaded and sent along with a D.D. of Rs. 500/- in favor of "Registrar, MUHS, Nashik". D.D. should be drawn on any Branch of Nationalized bank payable at Nashik. The envelope should be superscripted with

**“Certificate Course in Medical/ Reproductive / Human Genetics” (Write name of the respective course)**

The application form thus duly filled must be submitted on or before last date of submission of the application forms on the address given below.

**Selection Process:**

Candidates will be selected on the basis of personal interview.

**Teaching Schedule**

- This is a six month course
- Interactive sessions with discussion with experts, discussion of case scenarios.

**Project work:**

Each student will complete a project of his/her choice during this period.

**Evaluation:**

- Internal assessment – 50 marks
- Theory exam – 100 marks
- Project based viva – 50 marks

Minimum passing 50% in each head

**Course features:**

- Comprehensive coverage of the theory in Genetics
- Lectures by a panel of faculty members, expert in Genetics and Molecular Biology
- Clinical case study and discussion
- One month training in Genetic Laboratory.
- Successful candidates will be awarded certificate from Maharashtra University of Health Sciences.

**Prospects after the programme: The course will -**

- Help clinicians in the early diagnosis and intervention in genetic disorders
- Basic knowledge of genetics will be useful in competitive exams

**Address for Correspondence:**

Department of Genetics, Immunology, Biochemistry and Nutrition, Maharashtra University of Health Sciences, 3<sup>rd</sup> Floor, Aundh Civil Hospital Building, Chest hospital campus, Aundh, Pune – 411 027.  
Tele/Fax : 020-27286143, 27280454

Website: [www.muhs.ac.in](http://www.muhs.ac.in)

Email: [muhs.genetics@gmail.com](mailto:muhs.genetics@gmail.com)

**Contact :**

**GIBN Department:** : 020-27286143

Ms.Dipti Bichile:7387242800

Ms.Swati Supare: 7774050024



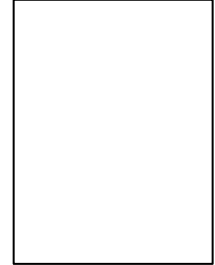
## MAHARASHTRA UNIVERSITY OF HEALTH SCIENCES, NASHIK

Reg.No.-----  
(For Office use only)

Application for Admission to the \_\_\_\_\_

\_\_\_\_\_ Course

run by MUHS, Nashik at Dept. of \_\_\_\_\_



1) Name : \_\_\_\_\_  
(In Capital letters) Surname First Name Father's /Husband's Name

2) Address for Correspondence : \_\_\_\_\_

\_\_\_\_\_ Pin Code \_\_\_\_\_

3) Contact Tel. Nos. STd code \_\_\_\_\_ (Res.) \_\_\_\_\_ (Off.) \_\_\_\_\_

E-mail ID \_\_\_\_\_ Mobile No. \_\_\_\_\_

4) Date of Birth : \_\_\_\_\_ (in words) \_\_\_\_\_

5) Age as on : \_\_\_\_\_

6) Nationality : \_\_\_\_\_ 7) Religion : \_\_\_\_\_

8) I belong to the Category mentioned below:  
(Please roundup your appropriate Category )

Category :	SC	ST	VJ (A)	NT (B)	NT (C)	NT (D)	OBC	SBC	OPEN
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(The candidates belonging to VJ(a), NT(b), NT(d), OBC categories should submit Non-Creamy Layer Certificate issued on or after 01/04/2007 by the appropriate authority, otherwise their application shall be treated as Open category)

9) Sex : 

Male	Female
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10) Marital Status : Married/Unmarried

(Please strike ✓ mark)

11) Application Fees : Rs. \_\_\_\_\_ D.D.No. \_\_\_\_\_ Date : \_\_\_\_\_

Name of the bank : \_\_\_\_\_

(Draft drawn on Nationalized Bank payable at Nashik and please put your name & address behind the D.D)

12) Educational Qualifications: (Mandatory to attach all necessary copies of attested Mark Sheets)

SN	Degree	Year of Passing	Percentage of marks Obtained

13) Experience : (Mandatory to attach all necessary Certificates)

SN	Name of the Institution	Post held	Period	
			From	To

14) Research Publications : A) National: \_\_\_\_\_  
(Please attach list separately)

B) International: \_\_\_\_\_

15) I Certify that the foregoing information is correct and complete to the best of my knowledge and belief and nothing has been concealed/distorted. If at any time I am found to have concealed/distorted any material information my candidature shall be liable to be summarily terminated without notice /compensation.

Place :

Date:

(Signature of the Candidate)

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**NOTE:** 1) Please attach all Attested photocopies of the documents alongwith the application form

2) Incomplete Application will be rejected immediately and no correspondence will be entertained on this behalf.