

## **ANNUAL TRAINING PROGRAMME IN IMMUNOHAEMATOLOGY**

The training programme is an orientation course for Medical Officers and Laboratory Technicians currently working in blood banks. The course is designed to provide indepth knowledge in red cell serology and exposure to newer aspects in Immunohaematology. The following topics will be covered during the course.

1. Principles of Immunohaematology and Principles of Human Genetics in general and blood groups in particular
  2. Red cell serology
    - (i) Blood grouping and Crossmatching techniques
    - (ii) Detection and identification of atypical antibodies by tube and gel techniques
    - (iii) Antenatal and postnatal serology
    - (iv) Investigations of transfusion reaction
    - (v) Quality control of blood group reagents
    - (vi) Resolving problems in blood grouping and crossmatching
  2. Flowcytometry – Basics and applications in Immunohaematology laboratory
  3. Applications of molecular biology techniques in Immunohaematology laboratory
  4. Transfusion Transmitted Disease - Testing, Quality control and troubleshooting
- The duration of the training course is as follows:

Year	Course for	Duration
2018	Medical Officers & Technicians	20 <sup>th</sup> Feb to 20 <sup>th</sup> March, 2018

### **Information for Medical Officers**

**Qualifications:** M.B.B.S. of a recognized University with at least two years experience in blood banking.

**Sponsorship:** The candidates will have to pay Rs.7000/- as tuition fees.

### **Information for Technicians:**

**Qualification:** B.Sc with five years experience in Blood Bank. B.Sc., DMLT candidates will be given preference.

**Sponsorship:** The candidates will have to pay Rs.5000/- as tuition fees.

**Applicable to both Medical Officers and Laboratory Technicians :**

The tuition fees must be submitted by the selected candidates on the first day of the training course, in the form of demand draft, made payable to the Director, National Institute of Immunohaematology. T.A. and D.A. etc to be borne by sponsoring institutions.

**Boarding :** Candidates should make their own boarding and lodging arrangements during their stay, though Institute may provide some assistance to acquire guest house accommodation.

**Forwarding:** Completed application forms and the necessary certificates should be forwarded by the Head of the Institution so as to reach us at address given below by 30<sup>th</sup> January, 2018.

**Director**

**National Institute of Immunohaematology**

**13<sup>th</sup> floor, NMS building, KEM hospital campus**

**Parel, Mumbai-400012**

**E.mail: [swatiskulkarni@gmail.com](mailto:swatiskulkarni@gmail.com)**

**Fax: 91-22-24138521 Tel no. 24138418/19, 24111161**

**Technicians and Doctors coming together for training from the same blood bank will be given preference. Candidates who are selected for the course will have to bring along with them relieving letter from his/ her institution.**

