

## **DEPARTMENT OF VIROLOGY**

### **KING INSTITUTE OF PREVENTIVE MEDICINE & RESEARCH**

#### **GENESIS:**

King Institute of Preventive Medicine & Research was primarily established as a public health lab in 1897. Subsequently the manufacture of small pox vaccine was the forerunner for other vaccine manufacture. While functioning as a public health lab several great strides and achievements in control of bacterial diseases were made and documented. It was also a period when not much was known about viral disease and laboratory diagnosis. It was only in 1950's that diagnostic methodologies for few viral diseases were being made. This was largely possible because of the breakthrough made in maintenance of tissue culture.

Fore fathers of KIPM & R had the vision and fore thought and saw the need to establish a separate Department of Virology. The Research unit of King Institute of Preventive Medicine & Research was designated as Department of Virology in 1969 vide G.O.Ms.No.498/ Health dated 18.3.

#### **ESTABLISHMENT OF TISSUE CULTURE LAB:**

The primary task of the new department was to establish a Tissue Culture Lab. The Department was facing hurdles for several years, as expertise in the new field of tissue culture was not available. Deputy Director, Dr. Sumathy Vasudevan, a Medical Microbiologist was trained at Ruchill Hospital, Glasgow, U.K. for period of 3 months under WHO fellowship in 1977. The tissue culture lab that is the backbone of Diagnostic Virology was thus established which paved the way for Diagnostic Virology and all subsequent developments.

Today the department boasts of a wide collection of cell culture, which is being supplied to all leading Institutes. It is also a training ground for young budding Virologists and Biotechnologists.

Considering the progress made, the Government of Tamil Nadu sanctioned Rs.7 lakhs for the construction of 4 cubicles for an exclusive Tissue culture laboratory facility. This became operational in 1994.

From the small nucleus established in 1969 the Department of Virology has grown in leaps and bounds and currently number of activities is carried out. It has been recognized and commended by National and International bodies, ICMR, NIV, WHO & CDC to name a few. The department besides performing diagnostic tests also acts as the WHO National lab for Polio and Measles. The activities of the Department are outlined.

### **DIAGNOSTIC VIROLOGY:**

Consequent to the establishment of the Tissue Culture Lab, preliminary diagnostic virological techniques was introduced and with training acquired by the technical staff in premier national labs serological diagnostic work involving HAI, CFT, and NT were established by 1985.

Second and third generation sophisticated diagnostic tests – ELISA and molecular tests – PCR and Real time PCR are being performed today. The tests are made available free of cost for the poor and economically backward population referred from government hospitals. A nominal fee is collected for testing from private hospitals.

Department of Virology is one of the laboratories identified by NICD for the National Surveillance Program for Communicable Diseases (NSPCD program). Laboratory equipments, consumables, chemicals, travel expenditure and contingencies were provided for diseases surveillance. Diseases under surveillance are Dengue, JE, Chikungunya, Measles and Rubella.

### **Functions:**

- Diagnostic testing of clinical samples from cases of PUO, Encephalitis, myocarditis, fever with rash, for other viruses like Coxsackie, ECHO, HSV –1 & 2, Rubella, and Measles is done as a routine.

- National Surveillance for Preventable & Communicable diseases
- Outbreaks of measles were investigated in the year 2002, utilizing the funds provided by NSPCD.

### **ORAL POLIO VACCINE POTENCY TESTING CENTRE:**

One of the vaccines that were introduced under the EPI of GOI was the OPV. It was necessary to check the potency of the oral Polio vaccine, a highly heat labile live attenuated viral vaccine. This was to ensure the efficacy of the cold chain system that was implemented to take care of the potency of the OPV. Therefore GOI was on the look out for laboratories that could take up this task. In 1988 a high level team of experts from ministry of health, GOI evaluated and identified the department of virology as a potential OPV testing lab. It was essential to post a Medical Microbiologist to undertake this task. One Medical Microbiologist was posted to the department of virology by redeployment from within the institute. National training workshop was conducted by GOI at Enterovirus laboratory, Haffkine Institute Bombay for participants from the 8 identified labs in the country, the department of virology KIPM was one of them. Medical officer and technician were trained at the workshop. Thus the Regional centre for Potency testing of OPV was established vides Ref.No.T-22018/3/86 dated September 1988– EPI of DGHS GOI and testing of vaccines from Tamil Nadu and Pondicherry was started. Government of India made an initial grant of 1.4 lakhs for purchase of equipments in 1989. Subsequently a sum of Rs.40,000/ annum was sanctioned till 1995 towards contingencies for OPV testing. The grant was increased to Rs.75, 000/- annum from 1996 till 2002.

The OPV testing centre became fully operational in 1989 and the number of vials tested gradually increased. The testing facility was extended to the states of Kerala, Karnataka and Andhra Pradesh and Union territory of Andaman.

## **NATIONAL POLIO LAB:**

In 1987 GOI had adopted the resolution of the WHO for eradication of Poliomyelitis. OPV was introduced and consequently the incidence of Polio was coming down. At this stage it was necessary to establish a laboratory for confirmation of the disease. Therefore GOI envisaged and adopted the global WHO initiative and identified potential National Polio laboratories.

The Department of Virology KIPM & R was one of the 9 labs identified in the country. The WHO expert committee visited and evaluated the potential of the lab and department was designated as WHO National Polio Lab. Officers and Technical staffs have been trained in the WHO workshops conducted over the years and are fully competent to carry out all the techniques in use in Virology Laboratory.

The lab is supported by National Polio surveillance projects a GOI / WHO undertaking. The required manpower - scientists, technical and non-technical staff, consumables, equipments and reagents are supported by the project. The lab functions under the direct supervision of the Deputy Director who is designated as the Polio Lab Coordinator.

### **Functions:**

- Polio virus isolation and identification from stool samples of AFP cases from Tamil Nadu, Andhra Pradesh, Andaman and Pondicherry.
- Monitoring efficacy of cold chain maintenance of OPV used in Immunization programme by testing potency of the vaccine.
- Environmental surveillance for Poliovirus from Sewage and healthy children.

## **ARBOVIRUS LAB:**

TamilNadu is endemic for life threatening Arboviral diseases, Dengue and Japanese Encephalitis. In the early 90's diagnosis was based on first generation diagnostic technique the Haemagglutination Inhibition test for which National Institute of Virology supplied antigens. By mid 90's it was increasingly difficult to procure the required antigens from NIV, it was therefore proposed to prepare the antigens in the Department of Virology. One medical officer and technician were deputed for training in preparation of antigens to NIV field station at Bangalore.

Directorate of public health largely facilitated the establishment of the centre. The workload had increased several folds and it was proposed that a Deputy Director should supervise the antigen preparation and arboviral diagnostic testing. Proposal was submitted to the Government which was accepted and the post of Deputy Director ARV was deployed to Arboviral diagnostic centre vide G.O (D). No.268, Health & Family Welfare department dated 23.3.00.

Today we are self sufficient in the required Dengue and JE antigens. Elisa and molecular based diagnostic tests are now possible. An added achievement is the standardization of tissue culture antigen in place of mouse brain antigen, thus reducing the dependence on maintaining an animal house.

### **Functions:**

- Mouse brain D2 antigen was prepared in 1999. Once this was achieved D1, 3, 4, JE and West Nile viral antigens were subsequently prepared in 2000 & 2001.
- C6/36 cell line (*Aedes albopictus*) was obtained from NCCS and was used for preparation of cell line antigen of D1-4, JE viruses.
- Tests designed, evaluated and standardized in-house.
  - IgM capture ELISA for Dengue and JE
  - IgG ELISA for Dengue
  - Rapid Immunochromatographic card test – Dengue
  - HAI test using cell line antigen

- Sero-surveillance for Dengue antibodies in all the districts of Tamil Nadu and mapping of Dengue endemic zone was done in 2000 and 2001
- Group specific PCR and serotype specific PCR for Dengue have been standardized and is operational

### **WHO MEASLES LABORATORY NETWORK:**

The WHO / GOI has initiated the Measles control / elimination program. This involves lab confirmation of measles outbreaks and case confirmation. A national network of laboratories is to be established. In the initial phase only two labs have been identified, Department of Virology is one of them. Deputy Director and scientist have been trained at a WHO workshop conducted by NIV. The Measles lab is fully functional and is supported by GOI.

#### **Functions:**

- Investigation of measles outbreaks and laboratory confirmation for measles by serology
- Molecular epidemiology by virus isolation & sequencing.

### **INFLUENZA LAB:**

There are lacunae in the knowledge of Influenza viral activity another very common viral disease. Very few centres, NIV and AIIMS conduct studies on influenza. An Expert Influenza virologist from CDC Atlanta USA visited the Department of Virology and encouraged the setting up of an Influenza surveillance and diagnostic facility. The Deputy Director was invited on a two-month fellowship for training at the Influenza division of CDC. Consequently the Influenza lab has been set up and is fully operational. CDC is supplying the required reagent and antigens free of cost. The department functions as Regional surveillance centre.

A surveillance system was established to detect the exposure of the population to influenza viruses and identify the currently circulating virus for implementation of vaccination. With this objective, seroprevalence study for

screening of antibodies to Influenza viruses was started in the year 2000, in collaboration with and funding by CDC, Atlanta. Influenza virus isolation in MDCK cell culture was started from February 2002. It is envisaged that the lab would be designated as an ICMR coordinated National Influenza Network Laboratory, for which preliminary work has been initiated. The lab was designated as Regional Influenza Surveillance Centre by ICMR in 2004 and then H5 detection centre was established in 2007 and now it is involved in collection of samples from suspected swine flu infected cases, will take up testing of them very shortly.

**Functions - Surveillance centre for Influenza virus:**

- Influenza virus isolation and sero-typing
- Sero surveillance studies for human Influenza viruses
- A sero survey study for screening of antibodies to Avian Influenza viruses was conducted in 2002. Samples were collected from poultry workers and healthy individuals (controls) from Chennai, Tiruppur and Namakkal. Samples have been tested for antibodies against human influenza viruses and sent to CDC for screening of antibodies to Avian Influenza viruses.
- Detection of H5 infections in humans.
- Collection of samples from suspected novel H1N1 cases.

*In TamilNadu, Department of Virology, King Institute of Preventive Medicine & Research, Chennai is doing service to mankind since its inception.*

It functions as;

- ❖ **National Polio Lab (GOI / WHO)**
- ❖ **National Measles Lab (GOI / WHO)**
- ❖ **Regional Influenza Surveillance Centre**
- ❖ **State Arboviral Referral Laboratory**
- ❖ **Establishment of Bird Flu Detection Centre**
- ❖ **Chikungunya Referral Centre**
- ❖ **pH1N1 Detection Centre**

These are a few recent achievements which have saved lives and reduced mortality in TamilNadu.

## **Teaching & Research:**

Having established a state of the art virology lab with excellent tissue culture lab and diagnostic facility, it was felt that this expertise should be utilized to spread the knowledge and train young scientists.

The department besides training Medical Microbiologists deputed from medical colleges also trains non-medical microbiologists for a nominal fee. Several tissue culture workshops have been conducted which is always in demand. Besides students are encouraged to take up virology topics for dissertation projects for which Rs.5000 is collected and necessary facility is made available to the student.

The Department is recognized by The Tamil Nadu Dr.M.G.R Medical University as a centre for PhD work. Dr Nalini Ramamurty, then Deputy Director was a recognized Ph.D guide. Dr.P.Gunasekaran at present Deputy Director and Head is the guide for The Tamil Nadu Dr.M.G.R Medical University.

Training is being imparted in the art of cell culture maintenance and in viral diagnosis to students of M.D Microbiology, M.Sc Microbiology, Biochemistry, Biotechnology and PhD. DMLT and CMLT students are trained in basic techniques of virology lab.

Selected students are encouraged to pursue dissertation projects in Virology.

## **RESEARCH SCHEMES HAVE BEEN FUNDED BY:**

1. Tamil Nadu State Research Committee
2. Tamil Nadu Council for Science and Technology
3. Lady Tata Memorial Trust
4. Indian Council of Medical Research
5. Centre for Disease Control, Atlanta
6. ICDS
7. Tamil Nadu State AIDS Control Society
8. Integrated Disease Surveillance Project

## **FUNCTIONS OF KIPM & R:**

- ❖ National Polio Laboratory- NPSP WHO
- ❖ Regional Influenza Surveillance centre-ICMR WHO
- ❖ National Measles Laboratory
- ❖ Arboviral Diagnostic Center.
- ❖ Miscellaneous viruses - HSV, Coxsackie, etc
- ❖ Manufacture of vaccines & anti sera
- ❖ Manufacture of Oral Rehydration Salt
- ❖ Preparation of diagnostic reagents
- ❖ Bacterial, Viral diagnostic & blood grouping tests
- ❖ Academic, Research and Training
- ❖ International vaccination Centre
- ❖ Innovations in education.
- ❖ Training Medical and Paramedical students.
- ❖ Research in Medical and related sciences.
- ❖ Community based teaching and research.



**ADMISSION TO POST GRADUATE  
M.Sc., MOLECULAR & DIAGNOSTIC VIROLOGY COURSE**

**IN**

**KING INSTITUTE OF PREVENTIVE MEDICINE & RESEARCH  
DEPARTMENT OF VIROLOGY**

**AFFILIATED TO  
THE TAMILNADU Dr.M.G.R MEDICAL UNIVERSITY**

**PROSPECTUS**

**2010 – 2012**

**Phone: 044-22501233**

**Website: [www.tnhealth.org](http://www.tnhealth.org) / [www.tngov.in](http://www.tngov.in)**

**Email Id: [kingmscviro@gmail.com](mailto:kingmscviro@gmail.com)**

**Cost: Rs.1,000/-**

## **I. GENERAL INSTRUCTIONS:**

1. Fill in the Application Form carefully and legibly. (Use Black Ball Point only)
2. Applications which are incomplete and received after the last date i.e. on 15.07.2010 5.00 p.m. are liable for rejection. Application should be in the candidate's own handwriting. Selection Committee will not be responsible for postal delays.
3. All enclosures prescribed should be Xeroxed copies duly attested by a Gazetted officer only and not originals.
4. Cutting, Over-writing and erasing in the application form, and in the scrutiny form should be avoided.
5. The duration of the Postgraduate M.Sc., Molecular & Diagnostic Virology course shall be 2 years.
6. Number of seats allotted - 21
7. Allotment of seats will be done based on merit following the rule of reservation in force in the State of Tamil Nadu and as per all other terms and conditions contained in the Government Order issued and to be issued from time to time with regard to rule of reservation.
8. The candidates who are selected at the time of admission shall pay the institution fee in total prescribed in the Clause VII by way of Demand Draft drawn in favour of "**THE DIRECTOR, King Institute of Preventive Medicine & Research**". The fee once paid is not refundable under any circumstances.
9. There shall be a course fee of Rs.35,000/- (Thirty Five thousand only) per annum to be paid in lump sum at the time of admission for each session along with other university fees.
10. The Government Orders issued and to be issued from time to time pertaining to any of the matters contained in the prospectus should be read as part and parcel of this prospectus and such terms and conditions in the Government Order are deemed to have been incorporated in this prospectus.

11. No admission shall be given to the candidate who had been punished for serious offences of immoral turpitude by the Court or against whom such cases are pending in the court of Law or who have created disturbances in the examination or used criminal force. If even after seeking admission, above kind of case is brought against the student before the police or court, the admission of such student will be cancelled.
12. Candidates will not be allowed for admission in any other full time or part time course along with M.Sc., Molecular & Diagnostic Virology.
13. Candidates admitted to M.Sc., Course in Molecular & Diagnostic Virology will be required to have a minimum class attendance of 75% to appear in the Examination. For counting attendance, department decision shall be final. Any affidavit shall not be accepted in this regard.
14. Information about Entrance Examination:
  - I. The entrance test will be basically of the subjects to judge the knowledge and aptitude of the candidate in Microbiology, Biotechnology and its allied branches.
  - II. The Test paper will be for 100 marks comprising of 100 multiple choice Questions (Objective type) with no negative marks.
  - III. Medium of examination will be in English
15. The candidates will be selected on the basis of their score in the entrance test.
16. 3% of the total numbers of seats are reserved for physically disabled candidates. The reservation of seats will be provided for the candidates with 40% to 70% locomotor disabilities only of the lower limbs. The other conditions for admission into the course will be applicable as in the case of general category.

The above candidates are required to produce a certificate from the District Medical Board of the area concerned constituted for the purpose assessing the nature and the extent of disability
17. Mere applying, does not give any right to admission.

## **II. COURSE DETAILS:**

- Two years course in Molecular & Diagnostic Virology.
- To provide an integrated and conceptual and unique training platform for virology at par with international standards.
- State-of-the-art Infrastructure and Laboratory to support projects of any kind.
- Association with premier Virology Institute in India and Abroad (MoU with Stanford University, USA).
- Faculty comprising of visiting professors from internationally renowned universities and professors of repute from Medical Colleges.
- Syllabus uniquely designed to create research oriented virologists.

## **III. ELIGIBILITY CRITERIA:**

1. Candidates seeking admission to the Postgraduate M.Sc (Molecular & Diagnostic Virology) Course should be citizens of India.
2. Candidates should have completed 20 years of age on before 31.12.2009. Candidate should not have completed 30 yrs as on 31.12.2009.
3. Candidates should possess a B.Sc (Microbiology / Biotechnology) Degree. Candidates who have qualified from recognized Universities are only eligible.
4. Open Competition and Backward Classes candidates seeking admission to the Postgraduate M.Sc., (Molecular & Diagnostic Virology) course should have obtained not less than 60% in the total aggregate marks obtained in all semesters taken together in the B.Sc., (Microbiology / Biotechnology) Degree Course (55% for Most Backward Classes / Denotified Community candidate and 50% for Scheduled Caste / Scheduled Tribe/ Scheduled Caste Arundathiyar candidates).

#### **IV. MERIT LIST:**

1. A common Merit List for the Postgraduate M.Sc (Molecular & Diagnostic Virology) course will be prepared by computing of entrance examination marks for 100.
2. Merit list will be published in the website [www.tnhealth.org](http://www.tnhealth.org) / [www.tngov.in](http://www.tngov.in)
3. Merit list is as per the eligibility norms mentioned in the prospectus, availability of seats and communal reservation in force.

#### **V. PROCEDURE FOR FILLING THE APPLICATION:**

1. Candidates seeking admission to postgraduate M.Sc (Molecular & Diagnostic Virology) course are required to send their application in the prescribed form along with the prospectus which shall be downloaded from the websites [www.tnhealth.org](http://www.tnhealth.org) / [www.tngov.in](http://www.tngov.in) and send their application along with a Demand Draft taken not before 01.06.2010 for Rs.1000/- (Rupees One thousand Only) from any Nationalized Bank and drawn in favour of the "THE DIRECTOR, King Institute of Preventive Medicine & Research".
2. Candidate shall ensure that the completed application form with all particulars and enclosures reaches the selection committee within the date and time specified. Applications received by speed Post / courier / any other means after last date and time will not be accepted irrespective of date of booking.

3. Candidates must enclose only attested Xerox copies (not originals) of the following documents in the order indicated below along with the application, failing which the application is liable for rejection.
  - a. Demand Draft taken not before 01.06.2010.
  - b. B.Sc., (Microbiology / Biotechnology) course completion certificate from the College where the candidate had undergone the course.
  - c. B.Sc., (Microbiology / Biotechnology) Degree Certificate or provisional pass certificate from the University concerned to which the college is affiliated.
  - d. First year to final year / semester B.Sc (Microbiology / Biotechnology) Mark sheets issued by the University concerned.
  - e. Valid Community certificate issued by the competent authority with officer seal.
  - f. Birth Certificate or copy of H.Sc, certificate / School Leaving Certificate / college Leaving Certificate as evidence for Date of Birth.
  - g. Attempt Certificate in Final Year B.Sc (Microbiology / Biotechnology) course from the college / university concerned.

4. Application Form completed in all respects should reach:-

**M.Sc (Molecular & Diagnostic Virology)**

**The Director,**

**King Institute of Preventive Medicine & Research,**

**Guindy, Chennai – 600 032.**

On or before 15.07.2010, 5.00 p.m. at the selection committee office.

5. The selection committee bears no responsibility for delayed receipt or loss in transit on any grounds beyond the specified date and time. Applications received after 15.07.2010, 5.00 p.m. are liable for rejection without any intimation to the candidate.
6. Incomplete applications or applications without required enclosures are liable for rejection without any intimation to the candidates.

## **VI. METHODS OF SELECTION AND ADMISSION:**

The merit list for admission of candidates for Post graduate M.Sc (Molecular & Diagnostic Virology) course will be made on the basis of marks obtained by the eligible candidate in the entrance examination, following the rule of reservation in force in the State of Tamil Nadu and as per all other terms and conditions contained in the Government Order issued and to be issued from time with regard to rule of reservation.

## **VII. FEES PAYABLE AFTER ADMISSION:**

<b>Tuition Fees</b>	Rs.25,000/-
<b>Special Fees</b>	Rs.2,000/-
<b>Sports Fees</b>	Rs.500/-
<b>Admission Fees</b>	Rs.1000/-
<b>Laboratory Fees</b>	Rs.2000/-
<b>Computer Fees</b>	Rs.2000/-
<b>Library Fees</b>	Rs.1,000/-
<b>Miscellaneous</b>	Rs.1500/-

**Total: Rs 35,000/- per annum** (Rupees Thirty-five Thousand Only)

(Examination fee and other fees will be charged as per the University norms)

### **VIII. HEPATITIS – B VACCINATION:**

All the selected candidates for admission to the Postgraduate M.Sc (Molecular & Diagnostic Virology) Degree course for 2010 - 2012 session should take Hepatitis – B vaccination and submit a medical certificate from an authorized Medical Officer as proof thereof, to the Head of the Institution at the time of joining. Admission to postgraduate course will not allowed by the Heads of Institutions without the Medical certificate. The candidate should take further doses at the prescribed intervals as required.

### **IX. COMMUNICATION:**

- a. All intimation for communication to the candidates will be sent only to the mailing address given by the candidate in the application. The intimation / call Letters will either be sent by certificate of posting / Registered Post / speed post / courier service / Telegram whichever is applicable. Selection Committee will not be held responsible for the Postal Delay.
- b. The merit list will be published in the Web Site [www.tnhealth.org](http://www.tnhealth.org) / [www.tngov.in](http://www.tngov.in)

### **X. The candidates who join M.Sc (Molecular & Diagnostic Virology) Degree**

Courses should not involve themselves either directly or indirectly in any kind of agitation / strike / ragging activity inside / outside the college campus during the course of study. Candidates found to be taking part in any such activities mentioned above will be expelled from the course / college, at any point during the course of study and criminal action will be taken against them.

# KING INSTITUTE OF PREVENTIVE MEDICINE & RESEARCH

## DEPARTMENT OF VIROLOGY

### APPLICATION FORM

Category (Specify)  
(Attach Certificate)

OC	BC	BCM	DNC	SC	ST	SCA
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1. Name : .....

2. Date of Birth : .....

3. Father's Name : .....

4. Mother's Name : .....

Photo to be  
attested by  
Gazette Officer

5. Address for correspondence: .....

.....

.....

..... Pin .....

Phone: ..... E-mail: .....

6. Permanent Address: .....

.....

..... Pin .....

7. Academic Qualification (10<sup>th</sup> onwards):

S.No	Qualification	Year	Board/University	Main Subjects	Division/Class	Aggregate Marks (%)
1.						
2.						
3.						
4.						
5.						

Note: Attested copies of all certificates should be enclosed.

8. Date of Completion of UG Course .....
9. Whether you were found using any unfair means in any qualifying exam, if yes, specify:  
 .....  
 .....
10. Details of payment:
- (i) Amount in Rs.....(in words).....
  - (ii) Name of issuing bank .....
  - (iii) Demand Draft no ..... Dated.....

**Declaration**

I, solemnly declare that the information given in the form is true to the best of my knowledge.

Date: **(Signature of the Candidate)**  
 Place:

**(Signature of the Parent/Guardian)**

List of Documents Attached:

- (1) .....
- (2) .....
- (3) .....
- (4) .....
- (5) .....
- (6) .....
- (7) .....

**KING INSTITUTE OF PREVENTIVE MEDICINE & RESEARCH**

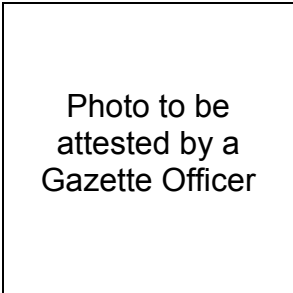
**DEPARTMENT OF VIROLOGY**

**Admit Card**

Entrance test for Admission to M.Sc Molecular & Diagnostic Virology

Roll No.

Category



1. Name : .....

2. Father's Name : .....

3. Mother's Name : .....

4. Postal Address : .....

.....  
.....

5. Examination Centre : King Institute of Preventive Medicine & Research, Chennai – 600 032.

6. Programme of Examination:

Test	Date	Day	Time
M.Sc Molecular & Diagnostic Virology Course			

Director,  
King Institute of Preventive Medicine & Research,  
Guindy, Chennai – 600 032.

**KING INSTITUTE OF PREVENTIVE MEDICINE & RESEARCH**

**DEPARTMENT OF VIROLOGY**

**Attendance sheet**

Roll No.

Category

Photo to be  
attested by a  
Gazette officer

1. Name : .....
  2. Father's Name : .....
  3. Mother's Name : .....
  4. Signature of the Candidate: .....
  5. Postal Address : .....
- .....
- .....

(To be filled in the examination hall only)

<b>Test</b>	<b>Signature of the Examinee</b>	<b>Date &amp; Day</b>	<b>Signature of the Invigilator with date</b>
M.Sc Molecular & Diagnostic Virology Course			

**Forwarding  
Officer**

**Signature of Centre  
Superintendent**

**Address for Correspondence:**

**M.Sc (Molecular & Diagnostic Virology)  
The Director,  
King Institute of Preventive Medicine & Research,  
Guindy, Chennai – 600 032.**

**Acknowledgement**

This is to acknowledge the receipt of Application Form No .....from  
..... (Name) for the Entrance test for the Admission to  
M.Sc Molecular & Diagnostic Virology to be held on .....

**Date**

**Signature**

**(Dealing Assistant)**