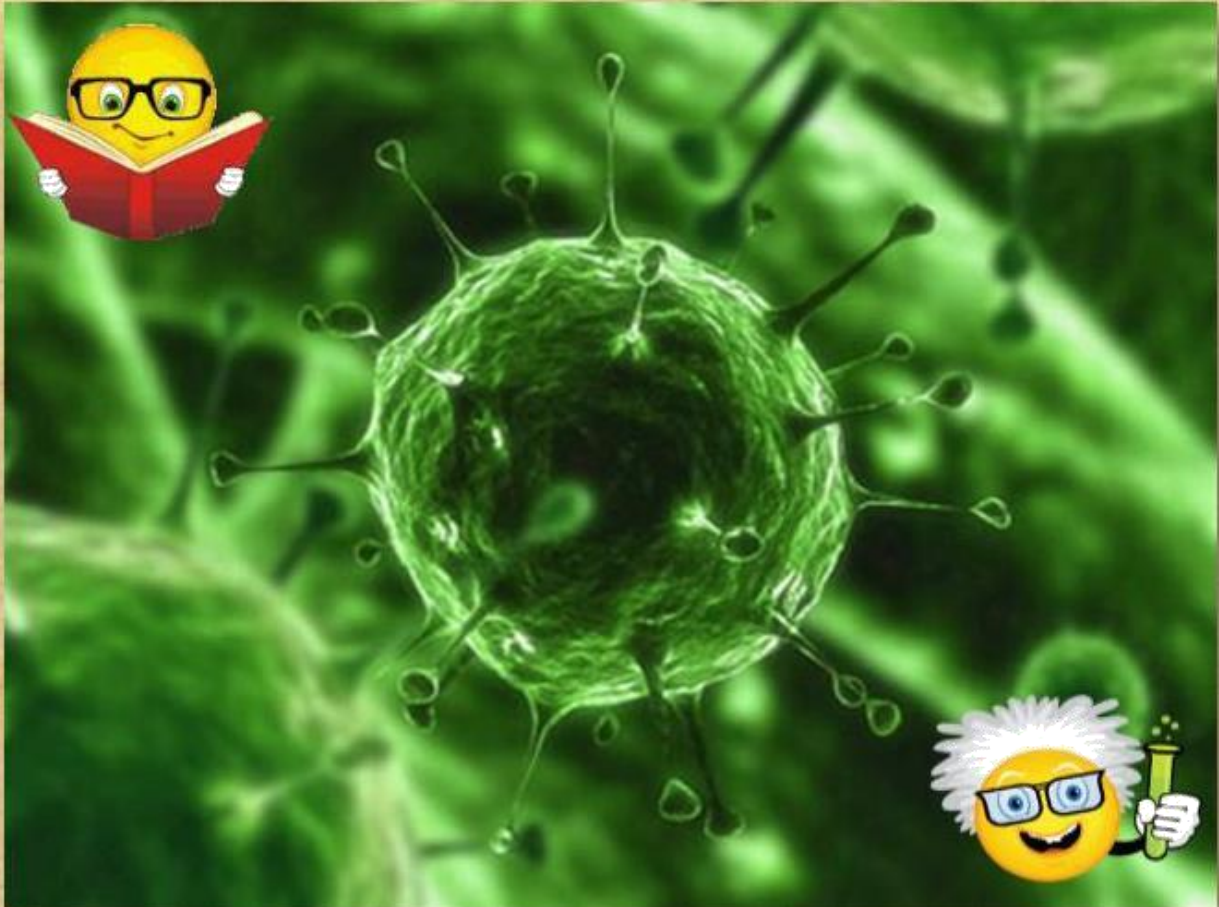




हाफकिन प्रशिक्षण, संशोधन व चाचणी संस्था
Haffkine Institute
for Training, Research & Testing



HANDS ON TRAINING
IN TECHNIQUES IN VIROLOGY AND IMMUNOLOGY
2017

FROM COURSEWORK TO LABWORK

DEPARTMENT OF VIROLOGY
virology@haffkineinstitute.org



HAFFKINE INSTITUTE FOR TRAINING, RESEARCH AND TESTING PAREL, MUMBAI – 400012

Module for Hands on Training in Techniques in Virology and Immunology

One week course , Monday to Saturday
Eight batches, of 15 students each

Tentative Dates:

Batch 1: 22 nd May to 27 th May 2017	Batch 2: 29 th May to 3 rd June 2017
Batch 3: 5 th June to 10 th June 2017	Batch 4: 12 th June to 17 th June 2017
Batch 5: 19 th June to 24 th June 2017	Batch 6: 26 th June to 01 st July 2017
Batch 7: 03 rd July to 08 th July 2017	Batch 8: 10 th July to 15 th July 2017

Tentative Time: 10:00am to 5:00pm

Topics of the syllabus covered:

1. Biosafety and Biosecurity
2. Animal Tissue Culture
3. Virus growth
4. Antigenic Shift and Drift
5. Immunofluorescence
6. Diagnosis of viral infections

Each topic to have a dedicated lecture and a hands-on training

Course Details:

Sr. No.	Syllabus topic	Lecture	Hands-On
1	Handling of viruses	Biosafety and Bio-security	GLP, PPE donning doffing, cryopreservation, lab safety, etc.
2	Antigenic Shift & Drift	Influenza viruses	Hemagglutination/ Inhibition
3	Virus growth	Life Cycle of DNA/RNA/Retroviruses	Chick Embryo Inoculation
4	Diagnosis of Viral Infection	Differential diagnosis of viral infections	ELISA and PCR
5	Immuno-fluorescence	Immuno-fluorescence	Detection of Autoimmune disorders
6	Animal Tissue Culture	Animal Tissue Culture	Cell culture

Course Fees: Rs 6500/-, payable in cash or DD in the favor of “Director Haffkine Institute For TRT” payable at Mumbai-400012.

Timings for payment: 10.00 hours to 12.30 hours and 14:00 hours to 16:30 hours. Fees once paid is non-refundable & non-transferable

Contact Person:

Dr. Sweta T Kothari

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Haffkine Institute
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