Fees Structure :

- ₹ 1,30,000/- (One lakh thirty thousand) only, per year to be paid to the Institute at the begining of each session.
- University fees and thesis/project cost to be borne extra by the student.
- **Cost of Application Rs. 300/- Only**

Campus at :

Jaminberia • Singur • Hooghly • W.B. • PIN - 712 409

Contct no. (033) 2630 0013 • (M) 9433201819

Website : www.sevayatan.in • Email: s.debnath@sevayatan.in

SEVAYATAN SCHOOL OF MEDICAL TECHNOLOGY

(Affiliated to The West Bengal University of Health Sciences & State Med.Faculty of W.B.)

Runs simultaneously the M.Sc.MLT (Microbiology), B.Sc.MLT & DMLT Courses

INFORMATION BROCHURE FOR M.Sc.MLT (MICROBIOLOGY) COURSE

Session : 2017-18

M.Sc.MLT (Microbilogy) is an innovative, job oriented newly started programme launched by The West Bengal University of Health Sciences.

The post graduates may serve various diagonstic laboratories in Govt. and Pvt. sector medical, public health and research organisitions. Scope of emplomentin the managerial/supervisory/technologist capacity in the State and Central Govt. health services, They will be entitled to do research works in universities/institutes, teaching in medical microbiology and medical lab. technology. To undergo Ph.D. programme of any university the post graduates are entitled also.

One can start his own laboratory with this post graduate degree.

Our Institute is conducting the course from this year with affiliation of the said esteemed university.

At a glance

- Number of seats : Ten (10)
- Duration of course 2 academic years.
- Application form available from : 25.08.2017
- Downloaded application form may be used.
- Last Date of submission : 14.10.2017
- Date of Interview for selection : 18.10.2017
- Last Date of admission for short listed candidates : 29.10.2017
- Classes to be started from : 1st November, 2017

Eligibility for Admission : Any one of the following –

- Should have passed B.Sc.MLT / BMLT course of any UGC recognised University.
- Should have passed B.Sc. in Biological Sciences + DMLT from State Medical Faculty of W.B. /equivalent.
- B.Sc in Microbiology (Hon.) from any UGC recognised University.

N.B. : In-service/Employed candidates should apply through proper channel. NOC is required piror to join the course.

SYLLABUS OUTLINE WITH MARKS

1ST YEAR M.Sc. MLT (TOTAL MARKS -700)

1. Basic Science (Paper -I)

A. Human Anatomy
B. Human Physiology
C. Epidemiology & Public Health
D. Biostatistics & Reasearch Methodology

2. Basic Medical Laboratory Sciences -1 (Paper-11)

A. Laboratory Management and Quality Control.
B. Advanced Serodiagnostic Techniques.
C. Laboratory Ethics.
D. Computer Application.

3. Basic Microbiology (Paper-111)

A. General Microbiology.
B. Systemic Microbiology.

4. Basic Medical Laboratory Sciences -11((Paper-IV)

A. Biochemistry.
B. Hematology.
C. Pathology.
D. Immunology

2ND YEAR M.Sc. MLT (TOTAL MARKS -700)

Microbiology (Specialization)

1. Bacteriology and Mycology (Paper -I)
2. Virology and Parasitology (paper-II)
3. Molecular Microbiology & Genetics (Paper-III)
4. Diagnostics and applied Microbiology (Paper-IV)
5. Dissertation/ Master's Thesis

Facilities Provided :

1. Qualified and experienced regular faculties
2. Guest faculties from various medical institutions.
3. Good institutional campus and environment.
4. Enriched Library with books/ journals
5. Computer, Internet and e-books facilities.
6. Own mordern diagnostic laboratory.
7. Good microbiology laboratory.
8. Regular seminer and Journal clubs.
9. Academic tour, scientific conference, workshop and short training.
10. Placement for job.