

M.Sc., Public Health Entomology

Two Year Course
(Semester Pattern)



**Vector Control Research Centre
(Indian Council of Medical Research)
Indira Nagar, Medical Complex,
Puducherry – 605 006**



Affiliated to Pondicherry University

M.Sc., PUBLIC HEALTH ENTOMOLOGY

TWO YEAR - FULL TIME

(SEMESTER PROGRAMME)

A Master's degree programme in Public Health Entomology (M.Sc., PHE) is offered by Vector Control Research Centre (VCRC) of Indian Council of Medical Research, Department of Health Research, Government of India, at Puducherry.

Opportunity

There is a growing need for entomologists in the State Health Departments, National Vector Borne Disease Control Programme (NVBDCP), National Centre for Disease Control (NCDC), National Rural Health Mission (NRHM), National Urban Health Mission (NUHM) and several of ICMR Institutes. These Institutes require personnel with knowledge and expertise on epidemiology and prevention/control of vectors for their programmes pertaining to vector borne diseases.

The Centre

VCRC is recognized as a Centre of Excellence for research and training in vector-borne diseases and control by the Ministry of Health & Family Welfare, Govt. of India. The World Health Organization (WHO) has designated the VCRC as a Collaborating Centre for Research and Training in Lymphatic Filariasis and Integrated Methods of Vector Control.



The Course

This is a unique course in India, catering to the national as well as global needs. The course is designed to provide an opportunity for students to gain an in-depth knowledge on Public Health Entomology and intense training on the modern approaches for epidemiology, prevention and control of vectors and vector-borne diseases.

Provision of Seats

Total No. of Seats: 12

Open Competition - 8 (General 50.5%, OBC 27%; SC 15% & ST 7.5%) [Category I];
In-service/Sponsored - 4 (Indian 2; Foreign 2) [Category II]

Scholarship

All the candidates (Indian Nationals) selected under Category-I will be paid a stipend of Rs.6,000/- per month; and the candidates under Category-II will be paid a stipend of Rs.3,000/- per month.

Course Structure

The M.Sc. Programme has 4 semesters, with the last semester comprising of Dissertation.

Field Training

At the end of Semester II, students will be visiting various ICMR Institutes, National Vector Borne Disease Control Programme and other National laboratories for observational training in Research & Development activities and hands on training in the operational aspects of vector borne disease control.



Internship

After the completion of two year M. Sc., course, one year paid optional internship programme will be available for the candidates on inter-se merit.

Curriculum Support

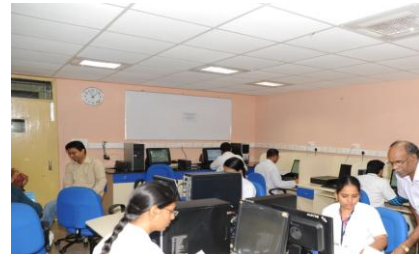
Laboratory: The students' laboratory is fully equipped with modern facilities. Students are given access to the advance facilities available in the research laboratories with instruments like DNA sequencer, Discovery studio, FT-IR, HPLC, DNA barcoding machine etc.,



Library: Library meets the information needs of students, research scholars and faculty. The mission of the Library is to enhance learning and facilitating research. There are 15,550 books, 73 Journals (Indian: 37; Foreign: 36), 667 Online Journals, 880 Research publications etc. on vectors and vector borne diseases.



Resource Centre: Close to the class rooms, a dedicated resource facility is created for reading Magazines, News Letters, Scientific Reports, and other academic / research papers. Computers are provided, with internet access.



The Centre is equipped with 100 Mbps internet access through National Knowledge Network (NKN).

Hostel: Separate hostel facilities for Men and Women students are available with all basic amenities.

Students are encouraged for extra-curricular activities and games though with the limited facilities within the campus.



Common Facilities

Rearing & Colonization: Cyclic colonies of different mosquito vector species are maintained at the Centre.



Mosquito Museum: A repository of 24,000 specimens belonging to 268 species collected from different parts of India.

Animal House: This facility has breeding colonies of animals such as BALB/c mice, Mongolian gerbils Multimammate rats and Rabbit. The laboratory is registered with the CPC-SEA. Health care of the animals is carried out through monthly visit of a veterinary doctor and maintenance of the facility is being monitored by the IAEC.

Transport: VCRC offers free transport facilities to the students for field visits.

Clinic: The clinic functioning inside VCRC campus provides treatment for common ailments of students and staff.

Canteen: Canteen is available inside the campus for staff and students.

For details such as admission related procedure, course curriculum, etc., please visit our website (<http://www.vcrc.res.in>).