

## Career Opportunities

An entomologist for the public health department would commonly get following career opportunities:

- Employment opportunities in the public health sector include environmental and health service agencies, mosquito control programmes, the centers for Disease Control and Prevention (CDC), the Department of Defense, World Health Organization (WHO) and Govt. of India
- A public health entomologist can opt scientific research field to excel further and discover new drugs for vector born diseases prevailing.
- Pest control officer/ worker is a career directly linked to Public health.
- Students with an academic degree can pursue a career as a researcher or assist law enforcement with a career as a forensic entomologist.
- A diploma holder can choose undergraduate and graduate education sector, including co-teaching a Medical Entomology course and developing a course in their area of expertise and mentoring graduate students.
- Epidemiologist / Entomologist at various disease control centres like National Vector Borne Disease Control Programme (NVBDCP) Govt of India New Delhi, National centre for Disease Control (NCDC), Govt of India, New Delhi, Health Centres.
- Community medicine departments of all medical colleges
- All International dealing with Entomology, Epidermology Institutions & Public Health

## Resource Persons

1. **Dr. A. C. Dhariwal** (Director, NVBDCP, New Delhi)
2. **Dr. Rajpal S. Yadav** (WHO, GENEVA)
3. **Dr. V. M. Katoch** (NASI-ICMR Chair RUHS, Raj.)
4. **Dr. Neena Valecha** (Director, NIMR, New Delhi)
5. **Dr. B.N. Nagpal** (WHO, New Delhi)
6. **Dr. Roop Kumari** (National Professional officer, Malaria and VBD, WHO, New Delhi)
7. **Dr. Vijay Veer** (Retd. Director, DRDO)
8. **Dr. B. K Tyagi** (Visiting Professor, Punjabi University, Patiyala, Panjab)
9. **Dr. Sarita** (Retd. Deputy Director, NCDC, New Delhi)
10. **Dr. Rina Tilak** (AFMC, PUNE, INDIA)
11. **Dr. N. P. Singh** (Scientist Emeritus, RU, Jaipur)
12. **Prof. N. K. Lohiya** (RU, Jaipur)
13. **Dr. S. N.Sharma** (NVBDCP, New Delhi)
14. **Prof. P. K. Srivastava** (NVDCP, New Delhi)
15. **Prof. Jagbir Singh** (PAU, Patiyala)

Apart from above, many other renowned persons will guide students for course and career. All the resource persons are experts from renowned Institutions of India and they all will guide and take care of students about their placement.

## CO-ORDINATORS

**Prof Arti Prasad**

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**Prof. Pankaja Raghav**

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# Brochure

*Launching First Post Graduate*

## DIPLOMA IN PUBLIC HEALTH ENTOMOLOGY (DPHE), IN RAJASTHAN, INDIA



**Post Graduate Diploma in Public Health Entomology (PGDPHE) A "Building evidence based disease and health management courses at Tribal Belt of South Rajasthan".**



**DEPARTMENT OF ZOOLOGY  
MOHAN LAL SUKHADIA UNIVERSITY  
UDAIPUR**

&



**DEPARTMENT OF COMMUNITY MEDICINE & FAMILY MEDICINE  
ALL INDIA INSTITUTE OF MEDICAL SCIENCES  
JODHPUR**

## INTRODUCTION

There is a growing need for entomologists in the field of Public Health in view of emerging and re-emerging vector-borne diseases in India and other tropical countries. Most of the posts of Entomologists in many States of India are lying vacant. Apart from 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 ICMR Institutes (VCRC, CRME, NIMR and RMRC) require personnel with knowledge and expertise on epidemiology and prevention/control of vector borne diseases for their programmes pertaining to vector borne diseases.

## OBJECTIVES

The objectives of the present course is to create a core expert trained person to prevent vector borne diseases. The course is a response of serious health and socio-economic burden caused by VBD on society.

### 1. Eligibility Criteria:

- A **Number of seats:** Twenty (20) candidates will be admitted every year from July of the academic year.
- B. **Essential Qualification:** M.Sc. in Life Sciences, M.Sc. Zoology (Preference to specialization in entomology), agricultural science with a base in entomology or MBBS/BVSc & AH/ MPH/Microbiology/Biotechnology.
- C. **Age:** Up to 35 years as on 1st July of admission year. SC/ST/OBC/PH candidates will be eligible for age relaxation as per Government of India rules.
- D. **Course Duration:** This is a Full time course over one academic year.
- E. **Method of selection:** The candidates would be selected for admission to the DPHME programme on the basis of Merit/Written test will be conducted if number of applicants are more than three times. The candidates would be required to appear for a personal interview after the entrance test.
- F. **Fees:** Rs 25,000 (per semester) + Institutional Registration Fee.

## DIPLOMA IN PUBLIC HEALTH ENTOMOLOGY

**Collaboration:** Course Description: In two parts

**Part A:** (Description, Identification, Surveillance and Incidence, Entomological part) of six months will be carried out in Sukhadia University Udaipur, Rajasthan

**Part B:** (symptomatic, clinical, treatment and prophylaxis) will be carried out in AIIMS, Jodhpur, Rajasthan

### Scheme of Examinations

Examinations shall be conducted at the end of each semester as per the Academic Calendar notified by the M.L.S. University.

## Award of Diploma in Public Health Entomology:

The Diploma in Public Health Entomology (DPHE) will be awarded to candidate by MLSU UDAIPUR after completion of all the course requirements and payment of all dues.

### Expected Outcomes

- 1. Prepare epidemiologist as per WHO mandate.
- 2. Increase in Health Professionals and Researchers for the surveillance and control of vector Borne disease like malaria, chicken guinea, dengue, filariasis etc.
- 3. Plan, implement and monitor vector control programme.
- 4. Apply acquired knowledge for control.
- 5. Knowledge to conduct entomological surveillance and operational research.
- 6. Fill the gap of trained manpower by training students through Diploma.
- 7. Prevention of VBD in country.

### ROLE OF EACH ORGANIZATION:

#### Mohanlal Sukhadia University Udaipur Rajasthan, India

- 1. The Post Graduate Diploma in Public Health Entomology (PGDPHE) will be a self financed course and will be run by Department of Zoology, Mohanlal Sukhadia University and All India Institute of Medical Science, Jodhpur (Raj.).
- 2. For admissions, the MLS University, Udaipur will publish advertisement on website and news papers.
- 3. Admission process, examination, result declaration and award of PG Diploma will be taken care by MLS University, Udaipur.
- 4. During first eight months of the Diploma students will study the theoretical part and perform about all aspects of required basic experiments at Department of Zoology, MLS University, Udaipur.

#### All India Institute of Medical Sciences, Jodhpur

- 1. The Department of Community Medicine will impart the clinical training to the PG Diploma students related to medical aspects treatment prophylaxis and control of malaria, chicken guinea, dengue etc.
- 2. During clinical training in Jodhpur, the hostel facility may be provided by the AIIMS, Jodhpur. The expenses of boarding and lodging will be borne by the students themselves.
- 3. The duration of the Practical/Clinical training at AIIMS Jodhpur will be of four months. The students will prepare dissertation which is to be submitted to MLSU at the time of examination.

### Common Facilities

Library, Central Instrument Lab (CIL), Canteen, Hostel & all other facilities related to course.