

# 7. Training (HRD Activities)

## 7.1 Formal

### 7.1 (a) Postgraduate Diploma in Medical Entomology:

No student for the Academic Year 2004-2005.

### 7.1 (b) Ph.D. Programme

No. awarded

- : Three
1. Mr. Kailash Prasad Patra (Microbiology)
  2. Mrs. K. Athisayamary (Microbiology)
  3. Mr. S. Subramanian (Modelling)

No. registered / working

- : Eight
- One (Geography)
  - Seven (Microbiology)

### 7.1 (c) PG Programme

Part time

- One (GIS)



## a. Informal

Sl. No.	Subject/ Techniques / Purpose	No. of Trainees	Institution/Country	Period
1	Morbidity management of filarial lymphoedema patients	79	M.P.H.W. (F) Training School, Cuddalore	Jan. - June 2004
2	Educational visit	725	Students from 17 Educational Institutions, India	Jan. - Dec. 2004
3	Manual lymphatic massage for morbidity management of filarial lymphoedema patients	20	Adhiparasakthi College of Physiotherapy, Kancheepuram, Tamil Nadu, India	Feb. 2004
4	Diagnosis of parasitic diseases	1	YGR Infectious Diseases Laboratory, Chennai	March 2004
5	Laboratory techniques for preparation of blood smears, staining & examination for filarial parasites	62	DMLT students, Kirubha Institute of Medical Technology, Aranthangi, Tamil Nadu, India	April 2004
6	Techniques related to Immunology, Molecular Biology & Microbiology DNA extraction, ELISA, AFLP, SDS-Page, DEC Salt analysis	1	B.Tech Student from Vellore Institute of Technology, Vellore	May - June 2004
7	WHO Fellowship	2	Ministry of Health, Maldives	June - July 2004
8	Visit to various laboratories	4	Medical Students from Paris	July 2004
9	GIS and Project Development	1	Scientist, RMRC, Bhubaneshwar	July 2004
10	Morbidity management of filarial lymphoedema patients	3	Nursing students from Institute of "Formation Encours Infirmier", France	Aug. 2004
11	- Do -	70	MBBS Students from PIMS, Pondicherry, India	Oct. 2004
12	Vector Control Options	8	MBBS Students, JIPMER	Nov. 2004
13	Comprehensive Vector Control (WHO Sponsored)	6	Department of Health Srilanka (2) Nepal (3) India (1)	Nov. - Dec. 2004
14	Public health monitoring of vector borne diseases and training on species and populations of parasites and mosquitoes	2	Students from St.Olaf College, Northfield, MN 55057 USA	Nov. - Dec. 2004
15	Means and Approaches of different disciplines of VCRC	2	PG Students, P&SM Department, JIPMER	Dec. 2004
16	Remote Sensing-Geographical Information Systems	8	MBBS Students, JIPMER	Dec. 2004



## b. Training obtained by VCRC Staff

### (a) International

Sl. No.	Subject / Programme	Staff & Designation	Institution / Country	Period
1	Biology of Disease Vectors Course	Dr. A.M.Manonmani, Assistant Director	Arthropod Borne and Infectious Disease Laboratory, Colorado State University	June 2004

### (b) National

Sl. No.	Subject / Programme	Staff & Designation	Institution / Country	Period
1	Recombinant DNA technology, protein purification & immuno techniques	Mr. S. Venugopalan, Lab Technician	Genie Private Limited, Bangalore	Feb. 2004
2	Library information management & documentation	Dr. M. Kalyanasundaram, Dy. Director (SG)	Centre for Science & Environment, New Delhi	Sept 2004
3	XXV Laboratory Animal Supervisors Training Course	Mr.K.Vivekanandan, Laboratory Technician	National Centre for Laboratory Animal Sciences, Hyderabad.	Sept - Nov 2004

### Short-term Summer Training for PG Students

Sl.No.	Name of the Candidate/Institution	Subject/Technique
1	Ms. S. Banu Saraswathy, N.G.M. College of Arts & Science, Pollachi	Standardization of Methods for RAPD Profile of <i>Wuchereria bancrofti</i> infective larvae
2	Ms. V. Devi Karumariamman, Centre for Post Graduate Studies, Pondicherry	Molecular characterization of mosquito larvicidal isolates of <i>Bacillus thuringiensis</i> strains
3	Mr. Priya Ranjan Tanti, Revenshaw College, Cuttack	Production, formulation and evaluation of <i>Bacillus sphaericus</i> (VCRC-B56) and dynamics of toxin synthesis
4	Mr. Amarjyoti Sahu, Revenshaw College, Cuttack	Production, formulation and evaluation of <i>Bacillus thuringiensis</i> (VCRC B-474) and dynamics of toxin synthesis
5	Mr. Debasisha Panigrahi, Revenshaw College, Cuttack	Production and dynamics of toxin synthesis of pupicidal metabolite (VCRC B-471) and evaluation of formulation against <i>Anopheles stephensi</i> pupae
6	Mr. Syed Fazil Ahamed, Ayya Nadar Janaki Ammal College, Sivakasi	Culture and production of bacterial biopesticides ( <i>Bacillus thuringiensis</i> subsp. <i>Israelensis</i> and <i>Bacillus sphaericus</i> ) for the biological control of vector mosquitoes
7	Mr. V. Senthilkumar, Urumu Dhanalakshmi College, Tiruchirappalli	Isolation of bacteria from the Phylloplane of <i>Cassia fistula</i>
8	Mr. R. Rajesh, SASTRA, Thanjavur	<i>In silico</i> analysis of Voltage Gated Sodium Channel in relation to DDT resistance in vector mosquitoes
9	Mr. P. Balamurugan, SASTRA, Thanjavur	Design of macrofilaricidal drug based on Structure Based Drug Design (SBDD) approach