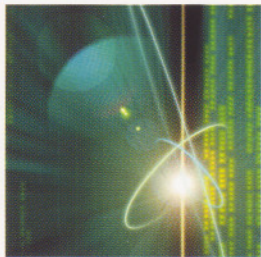

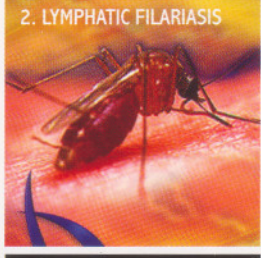

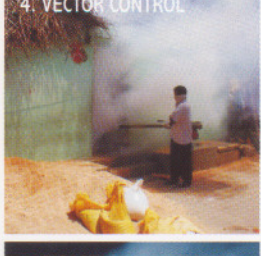
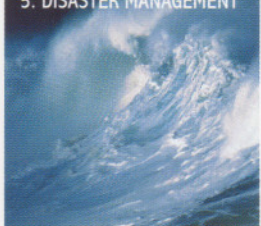


# CONTENTS

|  |   |
|--|---|
|                                     | Executive Summary I<br>Highlights II<br>CRME Profile at a glance VI   |
| <b>1. JAPANESE ENCEPHALITIS</b><br> | 1.1. Studies on JE in Kurnool district, Andhra Pradesh 1<br>1.2. JE virus activity in Cuddalore district, Tamil Nadu 5<br>1.3. Investigations on paediatric patients with AES in referral hospitals 8<br>1.4. JE surveillance network 11<br>1.5. Susceptibility of <i>Cx. tritaeniorhynchus</i> to JE virus in Cuddalore district 12<br>1.6. Preparation of JEV antigen in cell culture 13<br>1.7. Identification of flavivirus receptors present in <i>Tx. splendens</i> mosquito 14 |
| <b>2. LYMPHATIC FILARIASIS</b><br> | 2.1. Role of vector control and MDA in the filariasis elimination campaign 15<br>2.2. Studies of filariasis elimination as implemented by the govt agencies in two revenue blocks of Tamil Nadu 17  |
| <b>3. DENGUE</b><br>              | 3.1. Community based dengue vector control under health system in one district (south India) and transfer of technology 24<br>3.2. Dengue emergence in Kerala state, India 32<br>3.3. Dengue virus infection in wild-caught <i>Aedes</i> in Neyveli, Cuddalore district 37  |
| <b>4. VECTOR CONTROL</b><br>      | 4.1. Development of mosquito repellent from <i>Cymbopogon</i> spp. 38<br>4.2. Laboratory evaluation of a flowable formulation (VCRC-PFFC) against immatures of <i>Ae. aegypti</i> and <i>Cx. quinquefasciatus</i> 38  |
| <b>5. DISASTER MANAGEMENT</b><br> | 5.1. Post - Tsunami vector surveys in south India 41<br>5.2. Healthcare facility based surveillance among Tsunami affected area of Kanyakumari district, Tamil Nadu 47  |

# CONTENTS



## 6. INSECTARY

49



## 7. LIBRARY AND INFORMATION

51



## 8. LIST OF PUBLICATIONS

52



## 9. SEMINAR / CONFERENCE / SYMPOSIUM ATTENDED

54



## 10. OTHER ACTIVITIES

- |  |    |
|--|----|
| 10.1. Scientific Advisory Committee    | 58 |
| 10.2. Technical Committee              | 60 |
| 10.3. Institutional Ethical Committee  | 61 |
| 10.4. National Science Day Celebration | 62 |
| 10.5. Communal Harmony Day Celebration | 63 |
| 10.6. Centre's Day Celebration         | 64 |
| 10.7. Distinguished Visitors           | 65 |
| 10.8. Staff of the Centre              | 67 |