



## **Technology Training Workshop for Village Health Nurse/Sector Health Nurse**

**Real-Time Biosurveillance Program: Pilot Project**  
**Sivaganga district, Tamil Nadu**

**Venue:** Hotel Subhalakshmi Palace, #1, Church First Street, Sekkalai road, Karaikkudi

**May 4 – May 5, 2009**

### **Objectives**

- Reiterate the goals of the Real-Time Biosurveillance Program (RTBP) research
- Orient and conduct a refresher introduction on current processes adopted at DDHS to capture Health Data
- Provide training on SMS and GPRS for communicating with mobile phones
- Introduce and train use of the m-Health Survey mobile application for data submission
- Introduce and obtain feedback of the RTBP Internet application for data submission
- Give an overview of the analysis and alerting components of the RTBP

### **Key Words**

Health, Disease, Epidemiology, Surveillance, Mobile Phone, Statistical Data Mining, Alerting, Information, Communication, Technology

### **Meeting Announcement**

RTBI in partnership with LIRNEasia is organizing a workshop to train the Village Health Nurses (VHN) and Sector Health Nurses (SHN) participating the “Evaluating a Real-Time Biosurveillance Program: a pilot project” (RTBP). The aim of the RTBP research is to mobilize Village Health Nurses in the rural settings with mobile phones to record and submit health-related information for the purpose of consolidating case data for detecting disease outbreaks before they reach epidemic states. Problem that the RTBP promises to solve is to strengthen existing disease surveillance and detection communication systems, reduce latencies in detecting and communicating disease information, and set a stand interoperability protocol for sharing disease information with national and international health-related organizations in the region. The research will implement an ICT system and evaluate the RTBP over one year. A major part of this initial meeting, to be held May 4 – May 5, 2009, is to bring together the Village Health Nurses and Resource Persons to train on the use of the m-HealthSurvey mobile application as well as obtain inputs/suggestions from the Sector Health Nurse on the RTBP Internet Application to be used at the Primary Health Center (PHC).

## Programme Schedule

May 4, 2009		Day 1	(Monday)
0930-1000	Participant Registration	<b>Ms. Vincy Pushpa Mary and Mr. Janakiraman</b>	
<b>SESSION I</b>		<b>Inauguration</b>	
1000-1015	Welcome comments & self introduction	<b>Ms. Suma Prashant</b>	
1015-1030	Inaugural speech	<b>Dr. Raghupathy,</b> Deputy Director of Health Services, Sivaganga	
<b>SESSION II</b>		<b>Village Health Nurse Training</b>	
1030-1100	Overview of Current Processes and Procedure to report Health Information	Representative from VHNS/SHNs	
1100-1130	Tea/Coffee		
1130-1200	Objective & Implementation Plan of the m-Health Survey Mobile and Internet Application	<b>Ms. Suma Prashant and Dr. M. Ganesan</b>	
1200-1230	Handing over of Mobile Phones to VHNS	<b>Ms. Vincy Pushpa Mary and Mr. Janakiraman</b>	
1230-1330	Lunch		
<b>SESSION III</b>		<b>VHN Training</b>	
1330-1400	Introduction to Basic Features	<b>Mr. T. Kannan and Ms. Vincy Pushpa Mary</b>	
1400-1430	Demo of application and present the user manual	<b>Mr. T. Kannan and Ms. Vincy Pushpa Mary</b>	
1430-1530	Download, Install, and configure application – Exercise in Groups	<b>Mr. T. Kannan and Ms. Vincy Pushpa Mary</b>	
1530-1600	Tea/Coffee		
1600-1700	Group Training Exercise on mHealth Survey Application	<b>Mr. T. Kannan and Ms. Vincy Pushpa Mary</b>	
1700 – 1730	Group Exercise – Real Time data entry - Introduction	<b>Mr. T. Kannan and Ms. T. Vincy Pushpa Mary</b>	
1730 – 1800	Wrap-up		

May 5, 2009		Day 2	(Tuesday)
0800-0830	Breakfast	Team	
<b>SESSION IV</b>	<b>Day 2 Inauguration</b>		
0900-0930	Welcome comments & self introduction, Agenda	<b>Ms. Suma Prashant</b>	
<b>SESSION V</b>	<b>Get familiar with Internet Application</b>		
0930-1000	Summarize yesterday's demonstration	<b>Ms. Vincy Pushpa Mary</b>	
1000-1030	Tea/Coffee		
1030-1100	Group Exercise - Real Time Data Entry – VHN to exercise the application	<b>Ms. Vincy Pushpa Mary and Mr. T. Kannan</b>	
1100-1130	Train VHN and SHN on Report Generation Tool		
1130-1200	Feedback on mHealth Survey Application and Report Generation		
1200-1300	Lunch		
<b>SESSION VI</b>	<b>Concluding Session</b>		
1300-1330	Overview of current web application set-up at the PHC	<b>Ms. Vincy Pushpa Mary</b>	
1330-1400	Web Application, Suggestion on the application	<b>Ms. Vincy Pushpa Mary and Mr. T. Kannan</b>	
1400-1500	Way-Forward Plan	<b>RTBI</b>	
1500-1530	Tea / Coffee		

**Contact:** Janakiraman, Project Field Coordinator, 9047010875, [janu@tenet.res.in](mailto:janu@tenet.res.in)

**Proposed attendees for the meeting at** Hotel Subhalakshmi Palace, #1, Church First Street, Sekkalai road, Karaikkudi

Organization	Name
LIRNEasia, Sri Lanka	Mr. Nuwan Waidyanatha
IITM's Rural Technology and Business Incubator	Dr. M. Ganesan, Mr. T. Kannan, Ms. Vincy Pushpa Mary, Mr. Janakiraman, Ms. Suma Prashant
Deputy Director of Health Services, Sivaganga	Dr. Raghupathy, Deputy Director
Block and Additional PHC,	SHN - Nerkuppai, SHN – Keelasevalpatty, SHN – Thirukostiyur, SHN - Sevanipatty
Health Sub Centres, Thiruppathur block	25 VHNs