



Public health technologies

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Public health professionals should

- **put in earnest efforts to harness technology**
- **be aware of the developments in other disciplines**
- **be able to weigh out potentials**
- **be confident in community's ingenuity**



new module on

Public Health Technologies



- **Systematic application of technology to public health practice, research and learning**
- **Trans-disciplinary approach**
- **Socio-cultural implications**
- **Use technology with compassion**

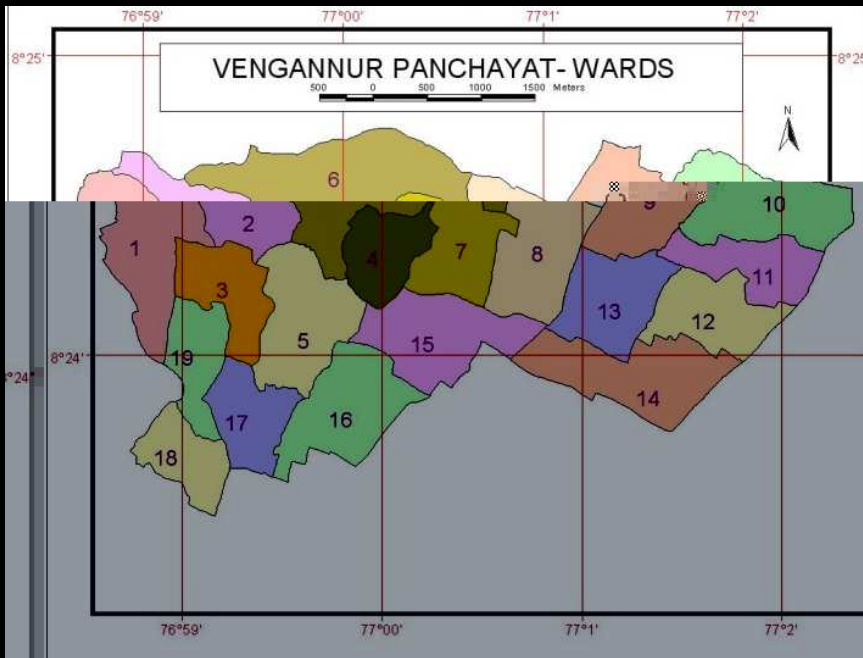
ASA

– Field Training Area

- **Three cardinal principles**
 - Community owned initiative
 - No duplication of services
 - SCTIMST facilitates (behind the screen)
- **Action research initiative**
- **One CD Block (~200,000 population)**
- **CAB**

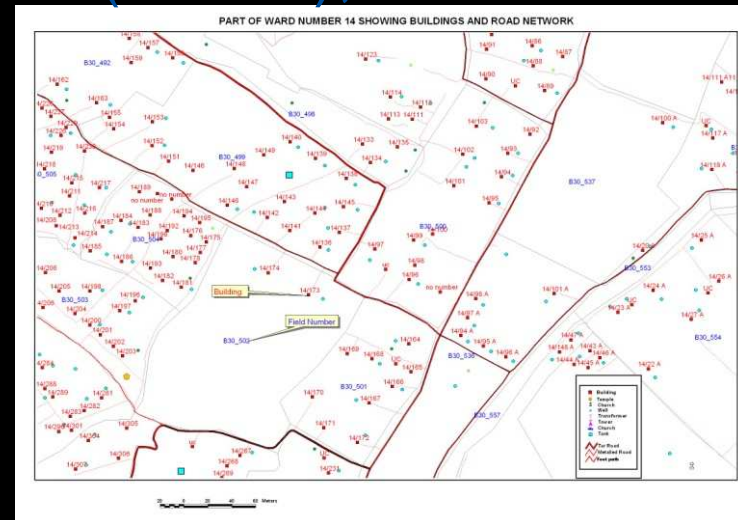


ASA - Field area



Socio-demographic details & GPS attributes of entire households

Centre for Earth Science Studies (CESS), Trivandrum



Academics to Action

- MPH students' field work
- Issues like redundancy, duplication, double work by Health Workers, etc noted
- Customized DHIS software (FOSS)
- Collaboration with NGO, HISP-India
- MoU with Oslo University, Norway
- Revised formats became national standards



Pilot project on Reporting through cell phones



- Leap-frogging
- ingenuity

Basic Health Economics

This is a basic course for the MPH 2009 batch

Instructor [SRINIVASAN \(DR\) KANNAN](#)
[ASSOCIATE PROFESSOR](#)


Access Private

Chronic Disease Epidemiology

Instructor [THANKAPPAN K.R. \(DR.\)](#)
[PROFESSOR](#)

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Data Management in Epidemiology

 An introduction to computers and computer databases for public health students. This one credit course is offered as a part of Introduction to Epidemi...

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Health Management

for MPH at AMCHSS
Objectives

1. To equip the students with necessary skills of management
2. To develop social va...

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[ASSOCIATE PROFESSOR](#)

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HEALTH POLICY ANALYSIS-I

This course is the introductory health policy course for MPH/DPH scholars at the Achutha Menon Centre

Instructor [RAMAN KUTTY V. \(DR.\)](#)
[PROFESSOR](#)

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Healthcare System in India

Covers concepts and philosophy of healthcare and evolution of health system in India, functioning of healthcare system across various institutions and...

Instructor [BIJU SOMAN DR , ASSOCIATE](#)
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Intermediate Epidemiology

This course is meant for students who have already successfully completed the introductory epidemiology course (introduction to epidemiology) at achuth...

Instructor [RAMAN KUTTY V. \(DR.\)](#)
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Introduction to Epidemiology

The basic epidemiology course at the Achutha Menon Centre. All first year M P H and D P H students are enrolled in this course.

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Public Health Technology

An innovative module in public health highlighting opportunities, hurdles, historical evolution and socio-cultural implications of technology use in p...

Instructor [BIJU SOMAN DR , ASSOCIATE](#)
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Video conferencing



- **Thanks to our well coordinated telemedicine unit**
- **Students gets familiarized with the technology**
- **Innovative ways of bridging the distances**

Generation of research ideas



- **Using technology for public health**
- **Student assignments**
- **Incubation facilities**

Future plans



- **EWARS - for infectious diseases**
- **Micro-climate stations, remote sensing data**
- **Disease modeling, forecasting**
- **ICT for health education**

Dilemmas



- **Documentation of action research**
- **Issues with trans-disciplinary work**
- **Assessment of public health technologies**
- **Issues of ideology**

Look forward to



- Objective measures of well being
- Alcohol addition – way out
- Digital pads for field workers
- Personalized drug dispensing machines



Thank you