

## STEM Capacity Building Programmes 1987-2012 (as of March)

### RURAL WATER SUPPLY & SANITATION (RWS&S)

(a) Fluorosis Mitigation; (b) Community Led Total Sanitation (CLTS);  
(c) Sector Reforms & Change Management; (d) Sanitation & Hygiene Promotion (SHP);  
(e) Health, Sanitation & Hygiene Education (HSHE)

1	Fluorosis Mitigation related capacity building for the local bodies/ water users' groups in the districts of Dharmapuri & Krishnagiri in Tamil Nadu under Hogenakkal Water Supply and Fluorosis Mitigation Project
2	Orientation of district-level stakeholders to Community Led Total Sanitation (CLTS)-based approaches and organizing ToT programmes on CLTS for master trainers, at district level, under Total Sanitation & Sanitation Marketing (TSSM) Project in Madhya Pradesh
3	One-day Workshop on "Refine Strategy for Change Management within RWS for Soft Skill Development" for Engineers of Govt of Andhra Pradesh
4	"Soft Skills Development for Effective Change Management" – A Series of 24 Executive Development Programmes (EDPs) in Change Management in Water & Sanitation Sector for Engineers of Govt of Andhra Pradesh
5	Preparation of Training Modules for SHGs under Jal Nirmal Project (Second World Bank-assisted Karnataka Rural Water Supply & Sanitation (RWS&S) Project)
6	Induction and Orientation Programme for District-level SHP Co-ordinators for the Jal Nirmal Project (Second World Bank-assisted Karnataka Rural Water Supply & Sanitation (RWS&S) Project)
7	Training Programme for SHP Co-ordinators on the Use and Practice of Community Planning and Monitoring Tools such as Participatory Rural Appraisal (PRA) & Participatory Healthy Home Survey (PHHS) under Jal Nirmal Project (Second World Bank-assisted Karnataka Rural Water Supply & Sanitation (RWS&S) Project)
8	Training Programme on "Participatory Healthy Home Survey (PHHS) & Knowledge, Attitude & Practice (KAP)" for Community Facilitators & Assistant Engineers under Jal Nirmal Project (Second World Bank-assisted Karnataka Rural Water Supply & Sanitation (RWS&S) Project)
9	National and State-level Seminars on "Findings from UNICEF-supported National Survey of Rural Community Water Supplies (NSRCWS)"
10	Training Programmes (State, District, Taluk & Village Levels) on Health, Sanitation & Hygiene Education (HSHE) under World Bank-assisted Karnataka Integrated Rural Water Supply & Environmental Sanitation (KIRWS&ES) Project
11	Training of Trainers (TOT) Programme on Health, Sanitation & Hygiene Education (HSHE) for the Functionaries of DANIDA-assisted Karnataka Rural Water Supply and

	Sanitation Project
<b>AGRICULTURE &amp; RURAL DEVELOPMENT</b> <b>(a) Tank System Improvements and Participatory Groundwater Management;</b> <b>(b) Gender Sensitization; (c) Application of Participatory Techniques</b>	
12	Training Project and Support Organisation (SO) staff, as also Water Users' Association (WUA) and farmer trainers, in tank system improvements and participatory groundwater management, under Andhra Pradesh Community Based Tank Management Project (APCBTMP)
13	Training Project staff/ stakeholders on Gender Sensitization, under World Bank-assisted Uttaranchal Diversified Agriculture Support Project (UA-DASP)
14	Training of Trainers (TOT) Programme for District Training Organisers, under World Bank-assisted Uttar Pradesh Diversified Agriculture Support Project (UP-DASP)
15	Training Programme for NGO Functionaries on Application of Participatory Rural Appraisal (PRA) in Planning, Monitoring & Evaluation for Diversification and Intensification of Sustainable Agriculture under World Bank-assisted Uttar Pradesh Diversified Agriculture Support Project (UP-DASP)
<b>INFRASTRUCTURE, HOUSING &amp; HUMAN SETTLEMENTS</b> <b>(a) Infrastructure Management; (b) Infrastructure Development and Investment Planning (IDIP);</b> <b>(c) Urban Water Supply and Waste Water Management; (d) Project Management;</b> <b>(e) Social, Environmental &amp; Communication Components in Infrastructure Development;</b> <b>(f) Urban Finance; (g) Land Use Planning; (h) Implementation of Master Plans;</b> <b>(i) Housing/ Urbanization Policies</b>	
16	Two-year full-time MBA in Infrastructure Management on behalf of Visvesvaraya Technological University (VTU), Karnataka (three batches between 2009 and 2012)
17	One-year full-time Post-Graduate Diploma in Infrastructure Management (PGDIM) on behalf of Visvesvaraya Technological University (VTU), Karnataka (five batches between 2005 and 2010)
18	Dedicated Training Programme on 'Project Management' for the Engineers of the Karnataka Rural Infrastructure Development Ltd (KRIDL)
19	Professional Enrichment Programme (PEP) on "Infrastructure Development and Investment Planning (IDIP) for Tier II Cities & Towns" for In-service Infrastructure Personnel
20	Professional Enrichment Programme (PEP) on "Efficient Management of Urban Water Supply and Waste Water" for In-service Infrastructure Personnel
21	Professional Enrichment Programme (PEP) on "Project Management" for Site Engineers and Executives
22	A series of eight one-day Training Programmes on "Management of Social, Environmental & Communication Components in Road Development Works" for Engineers &

	Contractors of Bruhat Bangalore Mahanagara Palike (BBMP)
23	Southern Regional Seminar on “Town Planning at Crossroads – Crisis in Urban Development & Governance” (co-sponsored by STEM)
24	Training Programme on “Karnataka Infrastructure – Action Planning and Programming”
25	Executive Development Programme on “Integrated Infrastructure Plan & Programmes – A Five-Year Capital Investment Programme for Large and Medium Towns”
26	Executive Development Programme on “Development of Management Systems: Habitat, Infrastructure and Urban Finance”
27	Executive Development Programme on “Metropolitan Development Systems: Land Management and Resources”
28	Seminars on “Land Use Planning: Redefining the Roles, Functions and Responsibilities in Tamil Nadu”
29	Seminar on “An Objective Review of Implementation of Master Plans in Selected Class I Cities: A Search for Effective Development Process” at Bangalore, Calcutta, Bhopal & Ahmedabad
30	A Series of Seminars on “User Needs of Information Bank of Building Materials (IBBM)” at Bangalore, Calcutta and Chennai
31	Seminar on “Housing Policies and Programmes – Follow-up to National Housing Policy”
<b>HEALTH SYSTEMS DEVELOPMENT</b> (a) Social Health Activism; (b) Quality Improvement; (c) Information, Education & Communication (IEC); (d) Drug Management; (e) Standard Treatment Guidelines; (f) Health Systems Development; (g) City Health Plan Development	
32	Training Programmes for the Functionaries of Accredited Social Health Activist (ASHA) Resource Centres at State & District levels (SARC & DARCs) in Uttarakhand, in areas identified through a Training Needs Assessment (TNA)
33	Training of Trainers (ToT) Programme on Quality Improvement of IEC Interventions under Integrated Child Development Services (ICDS)-III in UP
34	Training Programme on Quality Improvement of IEC Interventions for Field Functionaries under Integrated Child Development Services (ICDS)-III in UP
35	Participatory IEC Training for Quality Improvement under Integrated Child Development Services (ICDS)-III in UP
36	Training Programme for the Research Team in conjunction with the Study on “Drug Management & Status of Treatment of Tuberculosis in India”
37	Workshop on “Standard Treatment Guidelines” (in collaboration with Delhi Society for Promotion of Rational Use of Drugs (DSPRUD))
38	A Series of Awareness Workshops for Project Stakeholders, under World Bank-assisted Karnataka Health Systems Development Project (KHSDP)

39	Workshop on “Identification of Norms and Infrastructure Needs for Secondary Level and Tertiary Level Hospitals”
40	National Seminar on “City Health Plan” and Workshop on “Preparation of Bangalore City Health Plan”
<b>ENVIRONMENTAL MANAGEMENT</b> (a) Integrated Water Management; (b) Rain Water Harvesting; (c) Urban Waste Management; (d) Pollution Prevention; (e) Environmental Law; (f) Environmental Impact Assessment (EIA)	
41	Workshop on “Emerging Issues in Water Management” (in collaboration with Gujarat State Fertilizers & Chemicals (GSFC) Science Foundation)
42	Seminar-cum-Exhibition on Rainwater Harvesting (RWH) (in collaboration with Exnora Innovators Club, Chennai)
43	Seminar on “Environmental Impact Assessment of Outer Ring Road (ORR) at Lingambudhi Tank, Mysore”
44	Seminar on “Conceptual Frame for Rainwater Harvesting in Bangalore”
45	Seminar on “Economic & Technical Feasibility and Potential for Swapping Water amongst Competing User Sectors (Urban/ Agricultural/ Industrial) to Support the Design of Energy-Water Nexus Initiative”
46	Seminar on “Agro-climatic Regional Planning”
47	Seminar on “Environmental Awareness of Slum Dwellers in Bangalore”
48	Seminar on “Waste Management in Cities”
49	National Conference on “Strengthening of Implementation of Environmental Law” (in collaboration with Environmental Law Institute (ELI), USA)
50	Round Table Discussion on “Profit and Pollution Prevention” (in collaboration with USIS, Chennai)
51	Round Table Discussion on “Environmental Management System in a Global Market Plan” (in collaboration with USIS, Chennai)
<b>LOCAL GOVERNANCE</b> (a) Benchmarking/ improvement of Municipal Services; (b) Institutional Development	
52	Enhancing Municipal Services Delivery through Benchmarking and Continuous Improvement (ADB-assisted)
53	Orientation Course on “Commercial Accounting Systems” for Karnataka Slum Clearance Board (KSCB)