

TRAINING & SUPERVISION ACTIVITIES DURING JULY-DEC 2000* -

A. TRAINING

I. National TB Programme (NTP)

a) Regular training course

The 84th training course of eight weeks duration for DTP key personnel on tuberculosis control was conducted at the Institute from 10th July - 1st Sept 2000. The breakup of trainees is given below.

Sl.No.	Category	Number
1.	Medical Officers (MOs)	15
2.	Laboratory Technicians (LTs)	16
3.	X-ray Technicians (XTs)	11
4.	Treatment Organizers (TOs)	22
5.	Statistical Assistants (SAs)	16
	Total	80

In all, eighty (80) trainees consisting of 15 MOs and 65 paramedicals from different states and union territories of the country participated. They also underwent one week modular training in Short Course Chemotherapy (SCC). The trainees were taken to District Tuberculosis Centres (DTCs) of Chitradurga & Bellary and PHCs for field **training & supervision** for a period of 5 days.

b). Modular training course on managing the NTP in SCC areas

NTI faculty were the Facilitators and the concerned staff actively participated in the following training courses conducted at the Institute:

Category & Organization	No.	Period
Nursing students from M.S. Ramaiah Medical College of Nursing, Bangalore	28	4 th July 2000
Three batches of nursing students from St. John's Medical College of Nursing, Bangalore	23, 22 & 22	13 th & 23 rd July & 29 th Nov 2000
Medical students from St. John's Medical College of Nursing, Bangalore	20	9 th Aug 2000
Male Nurses from Command Hospital, Air Force, Bangalore	49	25 th Aug 2000
Two batches of Medical Assistants from Command Hospital, Air Force, Bangalore	46 & 53	31 st Aug & 15 th Nov 2000
Health Visitors from Victoria Hospital, Bangalore	29	17 th Nov 2000
Health Assistants from Vani Vilas Hospital, Bangalore	31	17 th Nov 2000
B.Sc Microbiology students from St. John's College, Bangalore	12	28 th Nov 2000
Microbiology Students from St. John's Medical College, Bangalore	35	28 th Nov 2000
Medical Students of IV th year MBBS from St. John's Medical College, Bangalore	22	5 th & 13 th Dec 2000
Homeopathy students from Vinayaka Mission Homeopathic Medical College and Hospital, Chennai	30	8 th Dec 2000
B.Sc Microbiology students from Wellington College, Sangli, Maharashtra	12	29 th Dec 2000

Sl. No.	Period	No. of participants	Participants
1.	20 – 27 th Nov 2000	16	DTOs of SCC districts of Uttar Pradesh and Bihar. The trainees were taken to DTC, Mysore and PHC at Yelawala, Mysore as a part of training activity
2.	12 – 19 th Dec 2000	15	DTOs of SCC districts of Uttar Pradesh, Madhya Pradesh and Orissa

c) Orientation training for undergraduate/paramedical students

i) Briefing on : (a) NTP and activities of the Institute; (b) sputum smear microscopy, specimen collection, staining, examination and culture; (c) TB control; and (d) specimen collection, smear microscopy, culture, sensitivity & identification tests, and in-vivo experiments & guidelines regarding safe disposal of infectious materials, were given to different categories of students / personnel as follows:

* Compiled by Mr S Ravindra, X-ray Technician and Mrs B Vijayalakshmi, Stenographer Gr 111. National Tuberculosis Institute, No.8, Bellary Road, Bangalore - 560 003

ii) Three Laboratory Technicians from NTI, Bangalore were deputed to train 2 batches of Laboratory Technicians at Ananthpur (Andhra Pradesh) from 9 – 18th Oct 2000.

d) *Orientation training for post graduates*

Topic	Participants & Organization	No.	Period
Briefing on activities of the Bacteriology Section	Postgraduate students from Sociology Department of Bangalore University, Bangalore	28	13 th Sept 2000
TB control	MD postgraduate students from Chest & Respiratory Diseases and Community Medicine from various medical colleges of south India	29	6-17 th Nov 2000
Sensitization programme on TB Bacteriology	Postgraduate Microbiology students from MS Ramaiah Medical College, Bangalore	3	4 – 8 th Dec 2000

II. REVISED NATIONAL TB CONTROL PROGRAMME (RNTCP)

a) *Training*

i) NTI faculty and the concerned staff actively participated in the following RNTCP modular training courses conducted at the Institute:

Sl. No.	Period	No. of participants	Participants
1.	3 - 14 th Oct 2000	20	DTOs and STOs of III year RNTCP districts from all over India
2.	16 - 24 th Oct 2000	17	DTOs and MOTCs of Karnataka
3.	29 th Nov – 12 th Dec 2000	12	State TB Supervisors from LWSTC, Bangalore. The trainees were taken to the DTC, Mandya and other PHCs viz., Shivahalli and Maddur on 26 th Dec 2000 as part of training activity.
4.	20 th Oct – 1 st Nov 2000	10	STLS of Karnataka, conducted at the Institute by LWSTC, Bangalore. Two LTs from Bacteriology Section, NTI, took part as Facilitators.

ii) *Workshops*

Sl. No.	Topic	Participants	Period	Faculty
1.	"Sensitization workshop on RNTCP" - held at Thiruvananthapuram, Kerala	General practitioners of Thiruvananthapuram, Kerala	21 st and 22 nd Dec 2000	Dr L. Suryanarayana, CMO and Dr V.K. Chadha, Sr. Epidemiologist
2.	Workshop on RNTCP held at NTI, Bangalore	NGOs, faculty of medical colleges and private practitioners with the involvement of DTOs of Karnataka	25 th & 26 th Sept 2000	All NTI Faculty. Chaired by Dr VK Arora, Officer on Special Duty, DGHS, New Delhi and Sri Deepak Gupta, Joint Secretary, Ministry of Health & Family Welfare, New Delhi

b) *Appraisal visits under RNTCP*

Sl. No.	District	Period	Chairperson & Team Members	Details
1.	Bijapur and Bagalkot	4 - 7 th July 2000	Dr L. Suryanarayana, CMO (Chairman) Dr HG Narayana-murthy, Joint Director (TB), LWSTC, Bangalore and Dr KN Prasad, WHO Consultant, Karnataka.	A report has been submitted to the Director, NTI.
2.	Bellary and Chitradurga districts	13 - 15 th Nov 2000	Dr B. Mahadev, CMO, NTI along with Dr HG Narayana-murthy, Joint Director (TB), LWSTC, Bangalore	- do -
3.	II year RNTCP districts of Rangareddy and Mehboobnagar of Andhra Pradesh.	23 - 24 th Nov 2000	Director, NTI as Team Leader & Chairperson	The appraisal was based on the guidelines laid down for the purpose & a report was submitted to DGHS, New Delhi.

Sl. No.	District	Period	Chairperson & Team Members	Details
4.	Ananthpur and Dharmavaram districts of Andhra Pradesh	28 - 30 th Nov 2000	Dr L. Suryanarayana, CMO, Dr Preetish S Vaidyanathan, SMO and Mr R. Jitendra, Computer	Proposed service delivery of RNTCP
5.	Secunderabad & Vijayanagaram (Andhra Pradesh)	2 - 6 th Dec 2000	Dr Preetish S Vaidyanathan, SMO	Service delivery of RNTCP at Vijayanagaram.
6.	Four 2 nd year RNTCP districts of Maharashtra, viz., Ahmednagar, Aurangabad, Sangli & Kolhapur Corporations	26 - 30 th Dec 2000	Dr V.H. Balasangameshwara, CMO	To appraise the preparedness of these centres

c) *Supervisions / Meetings / discussions / Lectures on RNTCP*

Sl. No.	Name of Officer / staff	Period	Place / Purpose
1.	Dr V.K. Chadha, Sr. Epidemiologist	11 th - 20 th Aug 2000	Discussions were held with the District TB Officer, Kangra (Himachal Pradesh) regarding implementation of RNTCP, besides reviewing case finding & treatment activities. Visits were also made to PHCs of Kotla and Fatehpur for reviewing the implementation of RNTCP in these places. Remedial methods were advised regarding certain salient observations made.
2.	Dr B. Mahadev, CMO	18 th Aug 2000	Supervisory visit to STC, Patna and discussions were held with the medical officers in presence of STO and RNTCP consultants.
3.	Dr V.H. Balasangameshwara, CMO with a team of SA, Computer, LT and TO	Sept. 2000	A visit was made to 19 Microscopy Centres under the Bangalore Mahanagara Palike (BMP), to study the case finding activities
4.	Dr (Mrs) P. Jagota, Director Dr V.K. Chadha, Sr. Epidemiologist	19.10.2000	Director made a presentation on RNTCP specially with reference to the role of Medical Colleges to the entire faculty of Mahatma Gandhi Institute of Medical Sciences (MGIMS), Wardha
5.	Dr (Mrs) Sophia Vijay, Sr. TB Specialist	30.11.2000	Two centres viz., Contonment General Hospital and District Tuberculosis Centre, Lucknow implemented under RNTCP were visited. Detailed report was prepared and submitted to the Director, NTI.
6.	Dr V.K. Chadha, Sr. Epidemiologist	7 th Dec 2000	The Tangra Tuberculosis Unit under Calcutta Municipal Corporation and a DOT Centre of NRS Medical College Hospital, Calcutta were visited and a detailed report was submitted to the Director, NTI.

III. *Quality Assurance Programme in Microscopy under RNTCP*

Progress of the "Quality Assurance Programme in microscopy under RNTCP " with 8 STCs assigned to NTI is as under:

- A panel of 100 slides for each STCs i.e., Agra, Ahmedabad, Ajmer, Calcutta, Kangra, Karnataka, Patiala and Srinagar was despatched during July & August 2000. The results were received & analysed and communicated to them with a copy to Central TB Division, DGHS, New Delhi.

Details of the involvement of NTI in the RNTCP activities of Bangalore Mahanagara Palike (BMP), and Bangalore urban district is as under:

- i. Dr B Mahadev, CMO participated in the sensitization programme organized by the BMP for the faculty of Ambedkar Medical College, Bangalore who would be starting a DOT Centre at their medical college under RNTCP.
- ii. A CME programme was organized at NTI by the Bangalore Mahanagara Palike for the specialists and teachers of Medical Colleges, Bangalore on 18th August 2000, in which 53 participants attended. Dr G.R. Khatri, DDG (TB), DGHS, NTI faculty and the staff actively took part in the workshop.
- iii. RNTCP reports for BMP and Bangalore urban district were collected from LWSTC, Bangalore for the period 1999 and 2000 for consolidating the performance of Karnataka. Presentation materials were prepared for the same during Sept 2000.

II Participation in Meetings/Symposiums/Seminars/Training Programmes & CME Programmes

Sl No.	Faculty	Period	Details
1.	Dr B. Mahadev, CMO	6 th July 2000	Attended a technical committee meeting held in the office of Dr Ira Ray, Additional Director General of Health Services, Government of India in connection with finalization of technical specification for procurement of binocular microscope.
2.	Dr (Mrs) P. Jagota, Director	7 th July 2000	Attended a programme on 'TB Awareness' organized by the Management of BPL Limited and BPL Sanyo Technology, Doddaballapur for their employees.
3.	Dr (Mrs) Sophia Vijay, Senior TB Specialist	14 th July 2000	Attended the District Tuberculosis Society meeting of Bangalore urban district. Proceedings of the meeting were reported to Director, NTI.
4.	Dr V.H. Balasangameshwara, CMO and Dr (Mrs) Sophia Vijay, Senior TB Specialist	18 th July 2000	Attended a CME programme organized at the Victoria Hospital, Bangalore for their faculty and post graduate students, in which lectures were delivered as under: <ul style="list-style-type: none"> • 'Introduction & diagnosis of tuberculosis under RNTCP' • Treatment strategies
5.	Dr (Mrs) P. Jagota, Director	1 st August 2000	Attended a meeting held under the Chairmanship of the Director General of Health Services in the Resource Centre of DGHS, New Delhi to deliberate on the ways and means for the improvement of national tuberculosis control programme in SCC and SR districts in the country.
6.	Dr B. Mahadev, CMO and Mr P. James, Laboratory technician	8 th & 9 th Aug 2000 and 5 th & 8 th Sept 2000	Took part in the lecture-cum-practical session on diagnosis and smear microscopy examination for TB in an orientation programme for the district surveillance officers and senior laboratory technicians from 27 districts of Karnataka organized by KHSDP and Public Health Institute, Bangalore.
7.	Dr B. Mahadev, CMO	19 th Aug 2000	Attended a CME on 'orientation programme' for civil surgeons and district TB officers of nine RNTCP districts of Bihar organized by state TB Officer, Bihar
8.	Dr (Mrs) P. Jagota, Director	27 th Aug 2000	Delivered a talk on chemotherapy and basis of DOTS in the Mid-term Conference of Academy of pulmonary and critical care medicine held at Kannur, Kerala
9.	Dr Preetish S Vaidyanathan, SMO	30 th Aug 2000	Attended a technical meeting of the Karnataka State TB Association (KSTBA), Bangalore held in connection with implementation of the pilot project relating to "NGO's partnership with RNTCP" by Action Aid India and KSTBA.
10.	Dr (Mrs) P. Jagota, Director & Dr B. Mahadev, CMO	16 - 20 th Sept 2000 and 11 - 22 nd Sept 2000 respectively	Participated in the Fourth South-East Asia Regional Training Course on TB control organized by WHO at Kathmandu, Nepal from 11 th to 22 nd Sept 2000. Director was the temporary advisor to the Regional Director.
11.	Dr (Mrs) Sophia Vijay, Sr TB Specialist Dr Preetish S Vaidyanathan, SMO Dr (Mrs) Chitra Nagaraj, CMO Mrs V.N. Saroja, Sr. PHN Mrs Bhagirathi, LT Mrs Sujatha Satyanarayana, UDC	18-22 nd Sept 2000	Attended the computer training in MS-office at Computer Maintenance Corporation Bangalore
12.	Dr (Mrs) P. Jagota, Director	28 th Sept 2000	Attended as an invitee to the Ranboxy Science Foundation's 7 th Round Table Conference on TB held at New Delhi and presented a paper "Revised National Tuberculosis Control Programme constraints"

Sl No.	Faculty	Period	Details
13.	Sri L. Krishnamurthy, Accountant Mrs Rahelamma Abraham, LDC Sri P.M. Sheshadri, UDC	25-28 th Sept 2000	Attended the Refresher course on service rules at the Institute of Government Accounts & Finance, Ministry of Finance, Vasanthnagar, Chennai.
14.	Dr (Mrs) P. Jagota, Director	3 rd Oct 2000	Attended as Chief Guest for the Hindi Celebration Day at IVRI, Bangalore. Three other officers/officials also attended.
15.	Dr V.H. Balasangameshwara, CMO and Dr (Mrs) Sophia Vijay, Sr. TB Specialist	1 st and 2 nd Nov. 2000	Participated in the 'National Workshop for protocol development' jointly organized by Tuberculosis Research Centre (TRC), Chennai, ICMR and Central TB Division, DGHS held at TRC., Chennai. Their involvement was mainly in the development of the protocol entitled "Multi-centric study to assess adequacy of RNTCP criteria for diagnosis of pulmonary tuberculosis in HIV positive persons" and "involvement of private sector in RNTCP" respectively.
16.	Ms P.A. Mini, Statistical Officer	6-10 th Nov 2000	Attended a 5 days training course on 'Records Management' at National Archives, New Delhi
17.	Dr V.H. Balasangameshwara, CMO and Dr (Mrs) Sophia Vijay, Sr. TB Specialist	9-12 th Nov 2000	Participated in the National Conference on pulmonary diseases (NAPCON-2000), under the joint auspices of National College of Chest Physicians (India) and Indian Chest Society, organized by the Department of Tuberculosis & Respiratory Diseases, G.V.S.M. Medical College at Kanpur, UP from. Their participation is as under: - Dr V.H. Balasangameshwara, CMO - as a delegate from 10-12 th Nov 2000 and panelist in the panel discussion on "Childhood tuberculosis" on 10 th Nov 2000. - Dr (Mrs) Sophia Vijay, Sr. TB Specialist - as a delegate from 10-12 th Nov. 2000 and delivered a talk on "performance of NTP and RNTCP at National level – current status" on 11 th Nov 2000.
18.	Dr V.H. Balasangameshwara, CMO	23 rd Nov 2000	An All India Radio programme on "Meet the specialist – replies to listeners on tuberculosis" was recorded and broadcast on 26.11.2000 at 8.30 p.m.
19.	Dr (Mrs) P. Jagota, Director	23 rd and 24 th Nov 2000	Visited the State Tuberculosis Centre, Hyderabad. During her appraisal visit, Director had meetings with several government dignitaries i.e., Shri C Arjun Rao, special Chief Secretary, Health, Medical and Family Welfare, Government of Andhra Pradesh; DHS and DFID members, and STC staff.
20.	Dr (Mrs) Sophia Vijay, Sr. TB Specialist	24 th and 25 th Nov 2000	Attended the workshop for Chief District Health Officers (CDHOs) and Regional Directors of Gujarat state held at Ahmedabad and delivered lectures on 'Introduction to RNTCP, diagnostic & treatment strategies, recording and reporting, role of DHOs in the RNTCP and advocacy' in which 20 participants attended. Also visited DTC, Manasa.
21.	Dr (Mrs) P. Jagota Director	1 st Dec 2000	Attended the sixth meeting of the Karnataka State TB Coordination Society, which was convened under the Chairmanship of Sri A. Sengupta, Principal Secretary, Health and Family Welfare Department, Karnataka in his Chamber.

Sl No.	Faculty	Period	Details
22.	Dr V.K. Challu, Veterinarian	5 th Dec 2000	Participated in the meeting on 'Integrated research programme on anti-infectives for combating tuberculosis and other infectious diseases' held at Mumbai.
23.	Dr (Mrs) P. Jagota, Director Dr V.K. Chadha, Sr. Epidemiologist Dr B. Mahadev, CMO	7 - 10 th Dec 2000	55th National Conference on TB & Chest Diseases held at Kolkata: 1. Participated as Chairperson & Moderator in the panel discussion "Symposium cum panel discussion - strategy of RNTCP in India", Dr VK Chadha and Dr B Mahadev participated as members in the panel. 2. The following papers were presented at the conference: - "The annual risk of tuberculosis infection in Bangalore city" - by Dr VK Chadha - "Comparison of calorimetric method detection of M.tb with that of conventional method" - by Dr B Mahadev
24.	Dr L. Suryanarayana, CMO	8 - 10 th Dec 2000	Attended the SAARC workshop on standardization of teaching curriculum in tuberculosis training and development of research protocols held at Kathmandu, Nepal.
25.	Dr L. Suryanarayana, CMO	19 th Dec 2000	Attended the CME workshop at Kempegowda Institute of Medical Sciences, Bangalore.
26.	Dr B. Mahadev, CMO	19 th Dec 2000	Participated in the sensitization programme organized by the BMP, Bangalore for faculty of Ambedkar Medical College who would be starting a DOT centre at their Medical College under RNTCP.
27.	Dr L. Suryanarayana, CMO and Dr V.K. Chadha, Sr. Epidemiologist	21 st and 22 nd Dec 2000	Conducted the "Sensitization workshop on RNTCP for general practitioners" at Thiruvananthapuram, Kerala. - Dr L. Suryanarayana spoke on treatment strategies and led the open session. - Dr V.K. Chadha delivered a talk on "Role of private practitioners in TB control" and "Case finding strategy under RNTCP", besides leading the group discussion.

B. SUPERVISORY VISITS

a) Visits under NTP

Sl. No.	Place of visit	Period	Name(s) of officer / official
1.	Puri, Cuttack & Dhenkanal	16 - 30 th July 2000	Mr SJ Savanur, Sr Statistical Officer & Mr PS Jagannatha, SA
2.	State Tuberculosis Centre, Nagpur	17 th Oct 2000	Dr (Mrs) P. Jagota, Director & Dr VK Chadha, Sr. Epidemiologist
3.	Andipatty TB Project, Teni district, Tamil Nadu	5 th & 6 th Dec 2000	Dr (Mrs) Sophia Vijay, Sr. TB Specialist & Dr V.H. Balasangameshwara, CMO

b) Visits under NSS-ARI Survey (planning, initiation and supervision)

Place of visit	Purpose	Name(s) of Officer / official	Period
Hardoi (U.P.)	Planning, Initiation & Supervision	Dr V.K.Chadha, Senior Epidemiologist	3 rd to 4 th July 2000
		Dr Preetish S Vaidyanathan, SMO	19 th – 26 th August 2000
		Mr Sanjay Singh, FI	Sept – Dec 2000
		Mr Hemant Kumar, HV	Sept 2000 & 1 week in Dec 2000
		Mr O. Sreenivasulu, HV	18 th Oct – 31 st Dec 2000
		Dr (Mrs) Chitra Nagaraj, CMO	8-14 th Oct 2000
		Dr V.H. Balasangameshwara, CMO	12-13 th Oct 2000
Rae Bareilly, (U.P.)	Planning, Initiation & Supervision	Dr V.K.Chadha, Senior Epidemiologist	5 th – 6 th July 2000
		Mr Sanjay Singh, FI and Mr K.R. Hemant Kumar, HV	July – August 2000
Gurdaspur (Punjab)	Planning, Initiation & Supervision	Dr V.K.Chadha, Senior Epidemiologist	9 th – 11 th July 2000
		Mr Joydev Gupta, FI	July 2000
New Delhi TB Centre (New Delhi)	Planning	Dr V.K.Chadha, Senior Epidemiologist	7 th – 8 th & 12 th – 13 th July 2000
Kota (Rajasthan)	Planning, Initiation & Supervision	Mr A.N.Shashidhara, Contractual Supervisor Mr V. Siddharthan, Senior Investigator (SOCS) Mr V. Magesh, FI	July to Aug 2000, 14.10.2000
		Mr D. Narayana Prasad, TL	Aug to Sept 2000
		Mrs D Uma Devi, FI	
Kangra (HP)	Planning, Initiation & Supervision	Dr V.K. Chadha Sr. Epidemiologist	11 th - 20 th Aug 2000
		Dr Preetish S Vaidyanathan, SMO	Sept to Oct 2000
		Mr Joydev Gupta, FI Mr Sukhbir & Mr Prem Narayan, HVs, NDTB Centre	Sept 2000
		Mrs P Suganthi, FI	Sept to Oct 2000
Delhi	Planning, Initiation & Supervision	Dr Preetish S Vaidyanathan, SMO	3-6 th Oct 2000
		Mrs P Suganthi, FI	24-29 th Oct 2000
		Mr Laxminarayana, FI and Mr Venkatachalappa, Computer	Oct to Dec
		Dr V.K. Chadha, Sr. Epidemiologist	7-15 th Nov 2000
		Mr S.J.Savanur, SSO Ms P.A. Mini, Statistical Officer	29 th Oct to 12 th Nov 2000
		Mr D Narayana Prasad, TL Mr R. Jitendra, Computer	25 – 31 st Dec 2000
Nagpur (Maharashtra)	Planning, Initiation & Supervision	Mr A.N.Shashidhara, Contractual Supervisor	6 th – 18 th Sept 2000
		Dr (Mrs) P. Jagota, Director	17-19 th Oct 2000
		Dr V.K. Chadha, Sr. Epidemiologist	
		Mr Lakshminarayana, FI	Sept to 7 th Oct 2000
		Dr (Mrs) Pratibha Narang & Dr Mendiratta, (MGIMS) Co-Investigators	Sept to Dec 2000 - on weekly basis

Place of visit	Purpose	Name(s) of Officer / official	Period
Jhabua (MP)	Planning Initiation & Supervision	Dr Preetish S Vaidyanathan, SMO	6-13 th Nov 2000
		Mr V. Magesh, FI	Oct to Dec 2000
		Mr Zacharia Joseph, Sister Tutor	Oct to 20 th Nov 2000
	Assistance	Mr Joydev Gupta, FI	Nov to Dec 2000
	Mr Premnath, Group 'D'		
New Delhi TB Centre & the field areas of ARI survey in Delhi	Supervision & Discussion with the Officers for further collaboration	Dr (Mrs) P. Jagota, Director	7.12.2000
All India Institute of Public Health & Hygiene, Calcutta	Enlisting collaboration of the Institute for the survey in east zone	Dr V.K. Chadha, Sr. Epidemiologist	7.12.2000
SMO – Sr. Medical Officer; FI – Field Investigator; HV – Health Visitor; TL – Team Leader; CMO – Chief Medical Officer; SSO – Sr. Statistical Officer			

j) Visits under "Surveillance of Drug resistance" Study

Place of visit	Purpose	Name(s) of Officer / official	Period
Chandranagore of Hoogli district	Supervisory visit	Dr B. Mahadev, CMO	7 th Dec 2000