

## **Scientific Gallery on Tuberculosis at the National Tuberculosis Institute, Bangalore**

---

Scientific gallery is a division of ADVOCACY COMMUNICATION AND SOCIAL MOBILIZATION section established and inaugurated during the year 2004-05. The concept of establishing the scientific gallery dates back to the later part of the year 2002. This was an innovative approach conceived for a long time. The objective of this section is to project the achievements of the institute. Besides, the general information on tuberculosis, important milestones in the evolution of the programme and of the institute is also displayed under this project.

### **Aims and objective:**

Taking into consideration the various categories of trainees visiting the institute, it was thought appropriate to project the achievements of the institute in an interesting and a graphic manner. It was also felt essential to disseminate the health education material regarding tuberculosis, epoch making events, evolution of the control programme and the luminaries who have contributed in the field of control of tuberculosis. Accordingly, a lot of efforts were invested for the establishment of scientific gallery.

### Procedures and process

A committee was established for accomplishing this project. As this was a new venture a lot of thinking, planning, visiting similar institutes having such exhibit facilities had to be undertaken. In this regard, St. John's medical college, NIMHANS and Veshveshwaraiah Industrial museum were visited. The concepts and the ideas available in the above institutes were used for establishing scientific gallery in the institute. At the outset the photographs which were worth projecting were identified. Subsequently, the firms, to enlarge the photographs and laminate the same were identified, quotations invited from them and orders were issued for the execution and lamination of the photographs. The panel boards were procured and installed on the internal walls of the three rooms identified for the purpose in the main building. In addition, for the projection of the information in electronic form, it was planned to procure LCD projector and LCD touch screen for the information kiosk. After going through the routine official procedures, the LCD projector and touch screens were procured and were installed in the ground floor of the main building. The materials to be projected in electronic version were prepared and the required software for the same was obtained through a software firm.

### ***Photos Display Division:***

Enlarged laminated photographs of important events, Field activities, Training programmes, Luminaries and Individuals who have contributed a great deal in TB control and updated Health education panels on Tuberculosis have been projected on the panel boards. Health education panels which are displayed on the walls of the scientific gallery throw light once again in to the history of TB disease and TB control programme etc.

**Microscopic projection:-**A binocular projection microscope is also available in the gallery to project and demonstrate the morphology of Mycobacterium in a stained sputum smear.

---

*Compiled by: LS Suryanarayana, CMO, Govindanarayanawamy, X-ray Technician, National Tuberculosis Institute, Bangalore*

### **Information kiosk on TB:**

Touch screen monitor has been installed for providing information on tuberculosis in a kiosk version. The viewers depending upon their preferences can get into the details of the different modules on institute, TB control programme and monitoring of the programme.

#### *Sensitization & Target group:*

As part of the Advocacy communication & social mobilization (ACSM) activities of the institute, the section is utilizing the above facilities and providing one day sensitization on TB control programme, TB disease, its magnitude, the functions of the National Tuberculosis Institute and monitoring aspect of the programme and management of TB cases. Wherever relevant, the bacteriological aspects of TB viz., primary isolation, identification, sensitivity tests and role of animal experimentation in TB control programme in nutshell are explained to students from respective specialty.

The following category of students have been sensitized & given one day orientation training during their visit to NTI.

- Undergraduate & postgraduate Medical students.
- B.sc & M.sc nursing.
- General nursing & midwifery.
- B.sc & M.sc microbiology.
- B.sc & M.sc Bio-technology.
- Paramedicals(DMLT, B.scMLT, Health Inspector & O.T.Technician courses)
- Medical Assistant trainees.
- Peripheral basic health workers.

### **Booklet on tuberculosis**

The section also has brought out a booklet containing basic information on tuberculosis-its symptoms, causation, extent of the problem, facilities available for prevention, diagnosis and treatment and role of stakeholders. This booklet is beneficial for public in general and medical & Para-medical personnel & students of different branches of science attending the institute for academic orientation in particular. A copy of the booklet is made available to the Institutional representative so that it can be replicated and distributed for further dissemination of information on tuberculosis in the community. The role that could be played by the individuals and Institutions are also given in brief.

### **Benefits**

The visitors will get an overview of the functions of the national tuberculosis institute, TB control programme, magnitude of the TB disease and the monitoring aspect of the programme in a nutshell within a brief period. Information kiosk on tuberculosis will provide information to the visitors depending upon their preference. The photographic display session will leave an indelible impression in the minds of the viewers on the achievements and activities of the institute, the evolution of the control programme and its monitoring aspects.

The scientific gallery is due to complete 5<sup>th</sup> year of its establishment. We are very happy to say that this section has contributed a lot towards ACSM activities. During this short period, the staff of the scientific gallery have provided one day orientation course to 9,571 students

of the different categories in 283 batches from 127 educational institutions. They were also administered an oath on commitment of their role in the control of Tuberculosis disease.

**Accessibility**

This facility is available for the visitors on all the working days (Monday to Friday). Interested organizations are requested to inform in advance about their visit to the Director and get confirmation of the dates of visit.