



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH

**NIRT**  
NATIONAL INSTITUTE FOR  
RESEARCH IN TUBERCULOSIS

# MANAGE TB

## AN ONLINE COURSE FOR DOCTORS

National Programme on Technology Enhanced Learning  
A joint initiative of the IITs and IISc  
Ministry of Human Resource Development, Govt. of India



Tuberculosis (TB) is a major public health problem in much of the developing world. India contributes one-fourth of the global burden of TB and 4.2 lakh lives are lost every year due to this illness.

The Revised National TB Control Programme (RNTCP) of the Government of India offers quality assured diagnosis and treatment free of charge to TB patients. But more than half of all TB patients seek care preferentially from the private sector. Recently there have been major developments in the management of TB, particularly in diagnosis and fresh guidelines and protocols have been framed. The online free course for doctors “Manage TB” is an initiative of the NIRT to address the felt need of sensitizing doctors, both in the public and private sector on the standards of care and the new guidelines and developments in the modern management of TB. The course has been designed keeping in mind the busy schedule of the practicing physician. We believe this is the first online course of this type in India and we are confident it will enable practicing doctors to keep themselves abreast of current developments and best clinical practices in the management and control of this disease.

We have successfully completed two editions of this online course, the first in August - October 2018 and second in February - April 2019. More than 3500 participants enrolled for the courses, and of those who took the final exam 99.5% were declared passed. We have had favourable feedback on the merits and value of the course. We are now happy to announce the third run of the course is starting in July 2019. We hope that this Online 8-Week “ManageTB” course will benefit doctors treating TB patients and medical students in guiding them to offer care of higher order to their patients.



### Who can apply for the course

Those with MBBS degree from a Recognised University & UG MBBS Students



### Mode of learning

Video-lectures  
Case/panel discussions  
Video demonstrations of laboratory procedures  
Reading material / MCQs



### Course duration

20 hours in 8 weeks

**Course registration: FREE**

**Please follow this URL:**

[https://swayam.gov.in/nd1\\_noc19\\_ge25/preview](https://swayam.gov.in/nd1_noc19_ge25/preview)

**Certification exam:** At designated centres upon course completion

**EXAM FEES:** INR 1000

### CONTACT US

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### COURSE SCHEDULE

#### Week 1: TB Epidemiology and Pathogenesis

Public Health Importance  
Epidemiology  
Pathogenesis

#### Weeks 2 and 3: Diagnosis of TB

Clinical Manifestations  
Bacteriological Diagnosis  
Phenotypic DST  
Molecular Diagnosis  
Radiology in TB Diagnosis  
Pediatric TB  
Diagnostic Approach to TB

#### Weeks 4, 5 and 6: Treatment of TB

Principles of TB treatment  
Management of Drug Sensitive TB  
Management of Extra-pulmonary TB  
Management of Drug Resistant TB  
Management of Drug Adverse Effects  
Management of TB in HIV Infection  
Management of TB in Special Situations  
Management of Pediatric TB  
Management of NTM Diseases  
Newer anti-TB Drugs

#### Week 7: Prevention of TB

Management of Latent TB  
Vaccines in TB  
Air-borne Infection Control Strategies

#### Week 8: Towards TB Elimination

Services offered by RNTCP  
TB Notification  
Addressing Social Barriers in TB Control  
Standards for TB Care in India  
Global TB Control Strategies  
(In addition there will be Case Discussions & Laboratory Demonstration Videos)

### COURSE FACULTY

#### Faculty from ICMR - NIRT

Dr. Srikanth Tripathy, MD, Director-in-Charge  
Dr. Mohan Natarajan, MBBS, DD, PhD  
Dr. V V Banurekha, MBBS, MPH, PGDBE  
Dr. D Baskaran, MBBS, DTCB  
Dr. D Bella Devaneelal, MBBS, MPH, DLO  
Dr. Beena E Thomas, MSW, PhD  
Dr. P K Bhavani, MBBS, MPH  
Dr. Dina Nair, MBBS, MScPH  
Dr. N S Gomathi, PhD  
Dr. G Narendran, MBBS, DTRD, DNB(Chest)  
Dr. C Padamapriyadarsini, MBBS, MS(CR), DNB  
Dr. P Paulkumar, MBBS, BA(Psy.), MPH  
Dr. N Pooranagangadevi, MBBS, PGDPH  
Dr. S Ramesh Kumar, MBBS, MPH  
Dr. S Sriram, MBBS, MPH  
Dr. Subash Babu, MBBS, PhD  
Dr. Syed Hissar, MD, MPH  
Dr. K R Uma Devi, PhD

#### Other Faculty

Dr. A Chitrakumar, MD (Chest), DCH  
Dr. M S Jawahar, MD, MSc(CDE), DLSHTM  
Dr. Kiran Kumar, MBBS, MD, MPA, MPhil  
Dr. A Mahilmaran, MD  
Dr. Raghuram Rao, MBBS, DPH  
Dr. Rupak Singla, MD  
Dr. Sanjay Mehendale, MD, MPH, FAMS, FIMS, FACE  
Dr. B N Sharath, MD(Community Medicine)  
Dr. R Sridhar, MD  
Dr. Varinder Singh, MD, FRCPC  
Dr. Vineet K Chadha, MD  
Dr. Vinod Kumar, MD, DNB

**Course designed and executed by :**  
**ICMR- National Institute for Research in Tuberculosis**