

# Certificate Course in **Comprehensive Immunization** **(CCCIM)**

Course starting from August 2021

**Course Brochure**



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Certificate Course in  
**Comprehensive Immunization**

**Course Fee**  
INR 8,000/-\*

\* Inclusive of all taxes

# Background

Immunization is one of the most cost-effective public health interventions to date, averting an estimated 2 to 3 million deaths every year. Immunization forms a critical component of primary health care. However vaccines-preventable diseases (VPDs) are still responsible for significant deaths of under-five children. In 2019, global coverage rates for the third dose of the diphtheria, tetanus and pertussis vaccine (DTP3) reached 85 per cent, up from 72 per cent in 2000 and 20 per cent in 1980. Still, progress has stalled over the decade, and 85 countries have yet to achieve the Global Vaccine Action Plan (GVAP) target of 90 per cent or greater coverage of DTP3. In 2019, 19.7 million children under 1 year of age worldwide did not receive the three recommended doses of DTP, and the number of zero-dose children – defined as children in the same age group who did not benefit from any vaccination – was an estimated 13.8 million<sup>1</sup>.

India is progressing towards rapid urbanization due to development and economic growth which is good for a country. It is estimated that by 2026, the urban population will be nearly double reaching a 234 million. However there are growing numbers of urban poor in the country (80 million) which are vulnerable for death/disability due to Vaccine Preventable Diseases. Government of India (GoI) launched the Universal Immunization Programme (UIP) in 1985, one of the largest health programs of its kind in the world, to cater to a birth cohort of 2.6 crore infants, and around 2.9 crore pregnant women every year.

Two in five infants nationwide did not receive complete immunization, leaving them susceptible to disease. An intensified effort focusing on lagging districts is crucial to improve the lives of millions of children. Nearly 47% of India's poorest children are not fully immunized, 17 percentage points more than the richest children. This is critical in India where nearly 71% of families did not have a single member covered by health insurance by 2016, according to National Family Health Survey, 2015-16. This percentage is higher for the poorest families, with approximately 78% of families being uninsured. Indians are the sixth biggest out-of-pocket health spenders in the low-middle income group of 50 nations. Immunization coverage grew at the rate of 1 percentage point per year, data show. India's vaccination coverage grew from 35% in 1992-93 to 62% in 2015-16<sup>2</sup>. Immunization coverage among children aged 12-23 months in the country has remained unimproved in the last seven years (from 61% in 2009 as per CES to 62% in 2015-16 as per NFHS-4)<sup>3</sup>.

Key issues in immunizing urban poor children in India are many, such as lack of availability of urban health delivery system, left out slum population/pockets, poor social access, inadequate demand for services among urban poor population, low quality of monitoring & tracking, program planning & protocol related issues and missed opportunities in slums etc.

To address these gaps, Public Health Foundation of India (PHFI) has conceptualized and developed Certificate Course in Comprehensive Immunization (CCCIM) for Primary Care Physicians. This course is envisioned to improve the immunization coverage in urban areas and strengthen the immunization program in India.

## References:

1. WHO/UNICEF national immunization coverage estimates, 2019 revision; United Nations, Department of Economic and Social Affairs, Population Division (2020). World Population Prospects 2020. <https://data.unicef.org/topic/child-health/immunization/>
2. <https://www.indiaspend.com/indias-vaccination-mission-narrows-focus-to-meet-march-2020-target/>
3. CES Survey Report final 18 Jan.indd 2 18-01-2019 18:55:53

## Course Objectives

### Primary Objective

To enhance knowledge, skills and core competencies of Primary Care Physicians from the urban and peri-urban areas of India on Immunization, to undertake evidence based quality vaccination.

### Secondary Objectives

- To develop/update a standard teaching protocol and module for evidence based learning on Immunization
- To build a network of Primary Care Physicians and specialists in the field of Immunization
- To update primary care physicians with the latest advancements in the field of immunization

# Eligibility Criteria

Medical Graduate (MBBS) Or Medical graduates (MBBS) with post graduate degree/diploma

## Salient Features



Live Interactive  
Online Sessions



Q&A Session with  
Renowned Experts



Case Studies



Experience Sharing



Certification after Clearing Exit Exam

## Course Curriculum

The course curriculum will be developed by PHFI with technical support and guidance from the eminent experts (comprising of eminent pediatricians and community medicine experts) in the field of Immunization.

The course curriculum will focus on various available vaccines in India as recommended by Government of India and Indian Academy of Pediatrics for the protection of children, adolescents and adults from vaccine preventable diseases (VPDs) and conditions. It will also have a major thrust on safe vaccination and effective cold chain and vaccine storage practice to enable the primary care physicians to have an overall understanding of the whole spectrum of VPDs and Immunization.

## Course Modules

### Module 1: Basics of Immunology and Childhood Vaccination under National Immunization Programme

#### Sub Topics

- Childhood Morbidity, Mortality and Immunization Program
- Basics in Immunology and Vaccines
- Common Childhood Diseases and Vaccination
- National Immunization Schedule/UIP
- Special Immunization Programs

### Module 2: Cold Chain Maintenance and Vaccine Storage for Effective Immunization

#### Sub Topics

- Ensuring Vaccine Potency and Safety
- Cold Chain System and its Maintenance
- Vaccine Monitoring Tools

### Module 3: Safe Immunization Practices and Immunization Waste Management

#### Sub Topics

- Introduction to Safe Immunization Practices
- Safe Injection Practice during Vaccination and Immunization Waste Disposal
- Adverse Events Following Immunization (AEFI)
- Surveillance
- Effective Communication with Clients

### Module 4: Optional/Newer Childhood Vaccines & Immunization in Special Situations

#### Sub Topics

- Optional Childhood Vaccines
- Immunization in Special Situations
- Monitoring and Supervision



## Course Administration & Language

Total duration of the course is **1 month with 4 weekly online sessions (on Sundays)**. The language of instruction will be English.

## Teaching & Training Methodology

The course utilizes a variety of teaching/learning techniques. Training in this course will be providing participants with an updated knowledge on immunization and help to establish a network with pediatricians and public health experts. The course will be offered on a modular basis with judicious mix of case-studies, group discussion, demonstration and experience sharing.

This course will be facilitated by renowned and experienced faculty (Pediatrician/Public Health Expert) in the field of immunization.

## Certification Criteria

The criteria for successful completion of the program shall be as follows:

- Participation in all four modules along with due submission of Pre/Post Test
- Appearance in and clearance of final written examination in form of 50 MCQ's for an hour along with 4<sup>th</sup> module session (minimum 50% score required to clear the examination)

The candidate completing the training program successfully shall be awarded certification issued by PHFI and the respective faculty.

**\*Course Fee (INR 8,000/- inclusive of all taxes) can be paid in the form of NEFT/ IMPS/ UPI/ Google Pay/ PhonePe / Paytm**

Public Health Foundation of India | **Account No:** 50100254381662 | **Account Branch:** HDFC Bank Limited

**Address:** H-7, Green Park Extension, New Delhi | **RTGS/NEFT IFSC:** HDFC0000586 | **PAN No. :** AABAP4445L

**After payment, kindly mail the payment reference number, date of payment, bank and branch name to [cccim@phfi.org](mailto:cccim@phfi.org)**



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### For more information please contact:

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### For Enquiries Contact:

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**Disclaimer:** PHFI hereby declare that "Certificate Course in Comprehensive Immunization (CCCIM)" is not a recognized medical qualification under Section 11(1) of the Indian Medical Council Act, 1956. PHFI hereby declare that it is not a medical college or university and is not offering this course in accordance with the provisions of the Indian Medical Council Act/ University Grants Commission Act. Kindly note that CCCIM is not a degree or diploma but a certificate course with the objective of training healthcare professionals in comprehensive immunization. Participants are strongly advised not to use this affix 'CCCIM' adjacent to their names or in their boards/displays.