**Managing COVID 19 Pandemic- Experience and Best Practices of India**



**Organizers: Post Graduate Institute of Medical Education and Research, Chandigarh-India**

**under**

**International Public Health Management Development Program (IPHMDP)**



**Supported by: ITEC Scheme, Ministry of External Affairs, Government of India**

**Context:**

The COVID-19 continues to spread across the globe transcending borders and cultures. As of 1st April 2020, the World Health Organization (WHO) reported 0.95 million confirmed cases, 40,598 confirmed deaths, which has drastically increased to 3.04 million cases and 211,000 deaths. Almost every country or territories or areas are affected by this pandemic of 21st century. To contain the spread of virus, as of 2nd April 2020, 82 nations have announced complete or partial lockdown to contain the pandemic and a third of global population is under COVID-19 lockdown, which was subsequently emulated by other nations.

In this context, Hon. Prime Minister of India Mr. Narendra Modi hold a virtual meeting (March 15, 2020) with leaders of the South Asian Association for Regional Cooperation (SAARC) to discuss and coordinate efforts toward a regional response to the deadly outbreak. An emergency fund of US$10 million was proposed by Hon. Prime Minister to tackle and mitigate the risks associated with the coronavirus pandemic in the South Asian region. Later, during a video conference of senior health professionals of SAARC countries on March 26, it was proposed to exchange best practices and experiences of different countries in order to combat the spread of COVID-19, including on specific protocols, contact tracing, quarantine and isolation facilities, management, tackling misinformation etc. through online training platforms.

As a part of ITEC, Ministry of External Affairs, Govt. of India’ mission to establish relations of mutual concern and inter-dependence based not only on commonly held ideals and aspirations, but also on solid economic foundations, a capacity building program for ITEC countries on managing novel coronavirus (COVID19) has become important in this need of hour.

**Aim:**

To build capacity of mid and senior level health care professionals of Latin America, Caribbean States, West Africa countries to manage COVID-19 pandemic in their respective countries through demonstration of best and replicable practices and experiences of India using a short interactive e-learning modular program.

**Target Audience:**

Healthcare professionals –Latin America, Caribbean States, West Africa

**Key highlights:**

* Short duration sessions (each lasting 20-30 minutes)
* Easy to access
* Practical and easily replicable in different settings
* Applicable for varied healthcare workforce
* Covering various topics of common interest
* Understanding the Indian scenario
* Learning’s from India’s experiences and best practices in handling the pandemic
* Panel discussion with experts

**Program Faculty:**

Experts from Departments of PGIMER Chandigarh-India; Chandigarh Administration and Free Lance Experts

**Program Director:**

Prof. Sonu Goel, Department of Community Medicine & School of Public Health, PGIMER, Chandigarh

**Program Duration:**

11-15th May 2020; 2 Hours per day for 5 days (around 28 lectures and panel discussion)

**Module and its contents:**

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| **Module** | **Day & Date** | **Topics** | **Sub Topics** | **Timing**  | **Lead Speaker** |
| A | **Day 1** | **Introduction to the program & launch of a documentary film by ITEC Alumni**  | 30 minutes |  |
| **Understanding COVID** | 1.Understanding virus and its evolution | 15 minutes | Dr. Kathirvel S. |
| 2. Current situation-Where are we? | 15 minutes |
| 3. Modes of spread of infection | 15 minutes |
| 4. Symptoms/Clinical outcomes | 15 minutes |
| B | **Day 2** | **Infection Prevention and**  **Environmental Disinfection** | 1.Standard infection control measures | 15 minutes | Dr. Ravindra Khaiwal  |
| 2.Rational use of safety equipment including PPE | 15 minutes |
| 3. Environmental disinfection | 15 minutes |
| 4. Biomedical Waste management  | 15 minutes |
| C | **Diagnosis and Clinical Management of COVID patients & contacts** | 1.Diagnosis, Laboratory sample collection, packaging and transportation | 15 minutes | Dr. Mini P Singh |
| 2. Clinical management of confirmed/ suspect cases and Intensive care management | 15 minutes | Dr. Ashish Bhalla |
| 3. Role of Nurses in managing COVID 19 | 15 minutes | Dr. Sukhpal Kaur |
| 4. Role of Information Technology | 15 minutes | Dr. Om Prakash |
| D | **Day 3** | **Field Surveillance and Public Health Measures** | 1.Screening and Triage  | 15 minutes | Dr. Kathirvel S |
| 2.Contact tracing | 15 minutes | Dr. Sonu Goel |
| 3.Isolation and quarantine and Social distancing | 15 minutes | Dr. Sonu Goel |
| 4. Personal safety for frontline field staff | 15 minutes | Dr. Sonu Goel |
| E | **Educational & behavioural approaches**  | 1.Psychological support for COVID-19 patients & health workers | 15 minutes | Dr. Sandeep Grover |
| 2.Manging stigma and discrimination | 15 minutes | Dr. Sandeep Grover |
| 3.Educating general public about handling panic and mental support during lockdown | 15 minutes | Dr. Sonu Goel |
| 4.Ensuring motivation and morale  | 15 minutes | Mr. Vivek Atray |
| F | **Day 4** | **Administrative and management issues** | 1.Management of COVID by Municipal Corporation | 15 minutes | Shri K K Yadav |
| 2.Management of COVID by Police Department  | 15 minutes | Smt. Nilambari Jagadale |
| 3.Quarantine centre’s management | 15 minutes | Dr. Sonu Goel |
| 4.Reorganization of Health care services and coordination | 15 minutes | Dr. Aravind Gandhi |
| G | **Emerging issues** | 1.Ethical issues during COVID-19 | 15 minutes | Dr. Mahesh Devnani |
| 2.Role of nutrition in managing COVID-19 | 15 minutes | Dr. Poonam Khanna |
| 3.Combating mental stress through yoga | 15 minutes | Dr. Akshay Anand |
| 4. Media advocacy | 15 minutes | Ms. Lopa Ghosh  |
| H | **Day 5** | **Expert’s Opinion and** **Q&A Session**  | * Chronology and relevance of decision taken and strategies formulated for control of Corona virus crisis by the Government of India (GOI)
 | 90 minutes | Prof. Amarjeet Singh |
| * **Panel Discussion**

Chandigarh Administration & Department of Community Medicine & School of Public Health  | Experts from the Institute/  |