



Introduction

Economics is all about making rational choices in presence of scarcity. It embraces areas of consumption, production, distribution, development, growth, fiscal and monetary challenges, trade, wealth, poverty, inequality and some new areas such as its application in the sector of health. Economic principles and theories guide on how to analyze problems and suggest sustainable solutions at the micro and macro levels. The recent pandemic has compelled to address the challenge with many different angles, and studying economic aspects of COVID-19 is crucial for its impact on households, businesses and Governments. A short course in Economics of COVID-19 will address some of these crucial aspects.

Course Content:

Day 1

Session I: Political Economy of COVID-19

Session II: Costs of Pandemic Preparedness and Failure

Session III: COVID -19 Impact on Economic Development: Regional and International Facts

Session IV: COVID-19 Impact on Human Development: Regional and International Facts

Day 2

Session I: COVID-19: New Opportunities for Businesses: Boosting economy

Session II: COVID-19: Economic Incentives for Digital Transformation in Pakistan

Session III: COVID-19-Transforming Businesses Globally: Inspiring from the World's Most Digital Nation

Session IV: COVID-19-Digital Healthcare & Economic Outlook

Day 3

Session I: Need for Good Epidemiological Data for COVID-19 Vaccine Development

Session II: Vaccine Prospects for Covid-19 Control in Pakistan and Implications for Economy

Short Course

Economics of COVID-19

Date: 28th-30th Dec. 2020

Timing: 10:00 am-03:00pm

Last Date to Apply: 27th Dec. 2020

Registration Fee: Rs. 7000

Course Objectives

1. To impart knowledge of economic understanding of key concepts and applications.
2. Relate COVID-19 to impacts on economy, human development and public health.
3. Find new opportunities to turn Covid-19 threat into an opportunity and economic/ business revival.

Course Delivery

- Online Lectures
- Interactive Sessions
- Exercises

Certificate of Attendance

A certificate of attendance will be awarded after the completion of the course.

Account Details

Title: Health Services Academy

Account Number: .2471 80000403 03

IBAN: PK 74 HABB 0024718000040303

Swift Code: HABBPKKA

Bank: Habib Bank Limited, Kuri Road Branch Chak Shehzad, Islamabad

Health Services Academy

Opposite National Institute of Health (NIH) Chak Shahzad, Islamabad

Email: hptt@hsa.edu.pk, Phone: 051-9255590-4 (Ext-135)

Resource Persons

DR. ZAFAR MIRZA

Dr. Zafar Mirza has been the Director of Health System Development at the WHO Regional Office for the Eastern Mediterranean. He is a medical doctor with post-graduation in Public Health in Developing Countries from the London School of Hygiene and Tropical Medicine. He has served as the Special Assistant to the Prime Minister of Pakistan and played a key role in streamlining Pakistan's health system at a critical of COVID-19. He also led the Public Health, Innovation and Intellectual Property team at WHO Headquarters in Geneva, Switzerland for 6 years. He has been the Regional Adviser for Essential Medicines and Pharmaceutical Policies in the WHO Regional Office for 5 years prior to moving to WHO Headquarters. For 12 years before joining WHO, he was a founder Executive Director of a civil society organization – The Network for Consumer Protection in Pakistan. He has a long standing experience of working at national, regional and global levels in public and private health sectors. He has extensively travelled, published and contributed to improving public health in many countries.

DR. ZAWAR ALI

Dr. Zawar Ali is a medical doctor and a vaccinologist. He got his medical degree from Aga Khan University and specialization in Vaccinology from the University of Siena. He has certification in travel medicine from the British Global and Travel Health Association. He is practicing vaccinology and travel medicine in Islamabad. He also consults international bodies such as the World Health Organization and global vaccine manufacturers on immunization.

DR. SHAFQAT SHEHZAD

Dr. Shafqat Shehzad has been a Commonwealth Scholar in the University of Sussex, United Kingdom, from where she received PhD in Health Economics in year the 2000. She has more than twenty-five years of experience in postgraduate/ undergraduate teaching in national and international universities and has recently returned from Qatar University, Department of Public Health where she served from 2014-2020. Besides being in the faculty of Public Health at Qatar University, she assumed additional responsibilities of being a Coordinator for Quality Assurance/ Program Learning Outcomes for both BSc. and MPH programs and produced various technical reports for quality enhancement, curriculum development and skills enhancement. She is experienced in evidence-based research, technical proposal development, program and curriculum development, policy advice, advocacy, networking, capacity development, mentoring of graduate faculty and students. She has been involved in the training of trainers and mid-level professionals and provided research/consultancy services to various international organizations, such as WHO, WHO-EMRO, DFID, UNDP, RAF, TAMA, GRBI, IBP, UNICEF, UNFPA, Save the Children and others. She has authored several publications in the journals of international repute; supervised postgraduate/ undergraduate theses and co-authored a monograph on "Landscaping Health Care Financing Works in Pakistan". Her current research interests include outcome based learning and the role of leadership in human and economic development.

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DR. RANA JAWAD ASGHAR

He has worked as a Resident Advisor of the Field Epidemiology and Laboratory Training Program (FELTP) in Pakistan from 2006 - 2018 (workforce capacity development in surveillance and response, setting up surveillance systems, laboratory capacity enhancements, One Health). Under his leadership his program has won many top international awards of excellence including 2016 US-CDC Director FELTP Award of Excellence in Outbreak Response. WHO has called it a "Model" program which other countries should benefit. He was an Epidemic Intelligence Service Fellow at CDC, Atlanta before coming to Pakistan. He has served as Program Manager for child survival project in Mozambique, faculty member at the London School of Hygiene and Tropical Medicine and Research Associate in the Division of Infectious Diseases and Geographic Medicine at Stanford University. He completed his Masters in Public Health at the University of Washington, where he was a Fellow of Training in International Emerging Infectious Diseases. He did his basic medical education in Pakistan from Allama Iqbal Medical College and membership in family medicine from College of Physicians and Surgeons, and was a Franklin Adams Scholar for a year in the Bristol University, UK in the department of Epidemiology. Currently he is also serving four years term as a member of International Health Regulations (IHR) Rooster of Experts in Epidemiology and Surveillance. He is also adjunct professor in the Department of Epidemiology, College of Public Health, University of Nebraska



DR. AHMAD HUSSEN TAREQ

He is infectious diseases scientist, health system innovation expert with significant field experience in developing deep technological healthcare solutions using state of the AI and digital tools. He was offered full bright scholarship, finished his PhD under Nobel laureate groups lineage of Prof Robert Bruce Merrifield. During doctorate he produced a breakthrough research "Teixobactin" in solving public health greatest challenge of antimicrobial resistance. His PhD was conducted under esteemed scientists from Nobel laureate group in Nanyang technological university, Singapore while actively working with Massachusetts Institute of Technology, USA. After PhD he was selected by Singapore Government among elite foreign talent as technopreneur scientist and innovator to solve global health system challenges. There we worked on series of interdisciplinary technologies related to health system, communicable disease and using state of tools in developing strategic healthcare technologies. He has been actively mentoring and engaged in teaching since last 11 years. He is cofounder global healthcare technology companies. Worked with Ministry of health system strengthening and policy development technical wing. At the moment he is technical lead of Health and Population think tank, advising Govt on healthcare issues with strategic and policy recommendations.

A digital health evangelist with Estonian roots, serial entrepreneur, nature-friendly and tech-savvy, filled with curiosity for discoveries. Passion for travel has taken him to over 90 countries as carbon foot print expert. He has one startup Carbonific addressing the issue globally. Mr Timo has co-organized, facilitated and run sessions at hundreds of projects across the globe, from New York to Bangkok, Istanbul to Buenos Aires and everything in between. He is the former director of World most digital nation (Estonia) Weather Agency. He has founded series of startups from digital health history, to carbon foot print, healthcare insurance, travel industry to his latest venture of Health for all initiatives where he aim to make cost effective healthcare accessible for everyone specially those who need to move geographically often. His company already have footholds in Singapore, Australia, Hong kong, Japan, United States, European Union and he is on collaboration with one Pakistani technology to nurture the arm of digital health innovation. He understand the travel industry, digital health market and overall global industry dynamics really well. His at present work is focused more towards making healthcare available for everyone especially in the light of healthcare insurance. He is one of the Startups Mentors for MIT pandemic challenge for global startups and has been startups globally. At present he is the Nordic board member of European Institute of Innovation, managing the innovation and startup scenario of Nordic regions under the aegis of European Institute of Innovation.



MR. TIMO USTAL

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Who Will Benefit From the Course?

This short course on Economics of COVID-19 is useful for both economists and non-economists who intend to learn about the latest issues, challenges and opportunities arising out of this current pandemic. Professionals from a variety of disciplines working within the health sector will find the course useful as it will bring a variety of different perspectives to understand COVID-19 impacts on economic and human development and strategies to cope with the new normal. Healthcare professionals working in the fields of Pharmacy, Nutrition, Education, Policy, Management, Nursing and Medicine will also benefit from the course.

The course aims to inform government officials working in the health sector, (both in the federal and provincial health departments and non-governmental organizations) about the new opportunities that may be arising out of this situation and the new avenues for businesses through digitalizing healthcare.

Individuals having no economics background will find the course useful for a basic understanding of economics concepts. Students and beginners in the relevant fields will learn about the importance of Economics of COVID-19. The course is useful for media persons, researcher and all related academic disciplines, as it will provide latest information about economic aspects of COVID-19