



## AASSA-PAS Webinar Series 2021

### Pandemic Preparedness: Science and Countermeasures

#### WEBINAR IV/HYBRID WORKSHOP

### COVID-19 and Higher Education: Addressing Food Insecurity through Policy Support and Research

Islamabad; Pakistan

June 24, 2021; Thursday

## TENTATIVE PROGRAMME

### *Organized by*

Pakistan Academy of Sciences, Islamabad  
Academy of Sciences, Malaysia  
Korean Academy of Science and Technology (KAST)  
National Academy of Young Scientists (NAYS), Pakistan

### *Sponsored & Collaborated by*

InterAcademy Partnership (IAP)  
Association of Academies and Societies of Sciences in Asia (AASSA)  
Pakistan Academy of Sciences (PAS)

### *Venue*

Pakistan Academy of Sciences  
3-Constitution Avenue, G-5/2, Islamabad

## BACKGROUND

UNESCO estimates that over 1.5 billion students in 165 countries are out of school due to COVID-19. The pandemic has forced the global academic community to explore new ways of teaching and learning, including distance and online education. This has proven challenging for both students and educators, who have to deal with the emotional, physical, and economic difficulties posed by the illness while doing their part to help curb the spread of the virus. The future is uncertain for everyone, particularly for millions of students scheduled to graduate this year who will face a world crippled economically by the pandemic. Source: <https://www.un.org/en/academic-impact/covid-19-and-higher-education-addressing-food-insecurity-through-community>

The workshop will focus on educators and researchers in different parts of the world to find out how COVID-19 has affected them and how they are coping with the changes. We will also be able to highlight lessons learned and potential positive outcomes of the global lockdown for higher education.

The COVID-19 pandemic threat is not one of health alone, but the knock-on effects of the response to the crisis. SDG for Goal 2: Zero Hunger, also requires us to focus on food insecurity in Low and Middle-Income Countries (LMIC) in Particular, Students from marginalized communities' needs and providing food supplies to enable them to continue their learning online without the added burden of food insecurity.

We need to have physical, mental, and healthy coping strategies during this period of disruption, and providing information about affordable, healthy food options given the economic consequences of the pandemic addressing SDG Goal 3,4 & 5 through 17.

**INAUGURAL SESSION**  
**Chief Guest: H.E. Syed Fakhar Imam (TBC)**  
**Federal Minister for National Food Security & Research**

<b>09:00 - 09:30</b>	<b>Registration of the Participants</b>
09:30 - 09:35	<ul style="list-style-type: none"> <li>▪ Verses from the Holy Quran</li> </ul>
09:35 - 09:40	<ul style="list-style-type: none"> <li>▪ Welcome address (Prof. Khalid M. Khan, President PAS)</li> </ul>
09:40 - 09:45	<ul style="list-style-type: none"> <li>▪ Prof. Yoo Hang Kim (President AASSA)</li> </ul>
09:45 - 09:50	<ul style="list-style-type: none"> <li>▪ Prof. Khair-ul Anuar Bin Abdullah (President Elect AASSA)</li> </ul>
09:50 - 09:55	<ul style="list-style-type: none"> <li>▪ Prof. Viktor BOGATOV, Academician of Russian Academy of Sciences, Chief Academic Secretary of Far Eastern Branch of Russian Academy of Sciences</li> </ul>
09:55 - 10:00	<ul style="list-style-type: none"> <li>▪ Proceedings of the webinar I, II &amp; III and way ahead (Prof. Zabta Khan Shinwari)</li> </ul>
10:00 - 10:10	<ul style="list-style-type: none"> <li>▪ Inaugural address by H.E. Syed Fakhar Imam</li> </ul>
10:10 - 10:15	<ul style="list-style-type: none"> <li>▪ Vote of Thanks (Prof. Tasawar Hayat)</li> </ul>

**Tea Break: 10:15 - 10:30**

## **TECHNICAL SESSION I**

### **Pandemics & Food Security**

**10:40 to 13:00 (PST)**

**Moderators: Prof. Iqrar A. Khan/Prof. Kausar A. Malik**

10:30 - 10:45	Food Security Challenge and Options	Prof. Dr. Iqrar Ahmad Khan UAF, Faisalabad
10:45 - 11:00	Diversified Food Systems to Enhance Food and Nutritional Security	Prof. Dr. Kadambot Siddique The University of Western Australia, Australia
11:00 - 11:15	Plant Genetic Resources Management under Pandemic Constraint Context	Dr. Sadar Uddin Siddiqui NARC, Islamabad
11:15 - 11:30	CropWatch for Ensuring Food Security under COVID-19	Prof. Dr. Wu Bingfang Aerospace Information Research Institute (AIR), Chinese Academy of Sciences (CAS)
11:30 - 11:40	Soybean as an Intercrop	Dr. Muhammad Ali Raza The Islamia Univ. Bahawalpur
11:40 - 12:00	Precision for Efficient Agriculture	Dr. Aitazaz Farooque Univ. Prince Edward Island, Canada Dr. Azeem Khan University of New England
12:00 - 12:20	Biotech Role in Ensuring Food Security	Prof. Dr. Kausar Abdulla Malik FCCU, Lahore
12:20 - 12:35	CPEC Agricultural Cooperation	Dr. Gu Wenliang Embassy of the People's Republic of China
12:35 - 12:45	The impact of COVID-19 on food security and livelihoods of women farmers	Dr. Dilfuza Egamberdieva National University of Uzbekistan
12:45 - 13:15	Questions and Discussions by the Moderators	

**Lunch & Prayer Break: 13:15 - 14:15**

## **TECHNICAL SESSION II**

### **Pandemics and Higher Education**

**14:15 to 16:00 (PST)**

**Moderator: Prof. Dr. Zia Ul-Qayyum (VC-AIOU)**

14:15 - 14:30	Ice-breaking, Introduction of Theme and Participants Need of Ethics/equity Hand Holding of marginalized students	Prof. Dr. Zabta Khan Shinwari QAU, Islamabad
14:30 - 14:40	No student left behind in remote areas like Waziristan with less or no Internet connectivity in pandemic Covid19	Prof. Dr. Iftikhar Ahmad
14:40 - 14:50	Way forward for Higher Education In Pandemics	Prof. Dr. Ghulam Raza Bhatti Shaikh Ayaz University, Shikarpur
14:50 - 15:00	COVID-19 Reshape the World: Can it be a positive catalyst for ecological sustainability and Sustainable Development Goals: A case study from Swat	Prof. Dr. Hassan Sher University of Swat, Swat
15:00 - 15:15	How to financially survive in Pandemics (A success story)	Prof. Dr. Khalid M. Iraqi University of Karachi, Karachi
15:15 - 15:30	Post Covid Higher Education: Responses, Recovery and Resilience	Prof. Dr. Rubina Hanif NIP, QAU, Islamabad
15:30 - 16:00	Questions; Discussions and way forward	

## CONCLUDING SESSION

16:00 – 17:00

**Chief Guest: Mrs. Farah Hamid Khan**  
**Federal Secretary Education and Professional Training**

16:00-16:05	▪ Verses from the Holy Quran
16:05-16:15	▪ Address (Prof. Khalid M. Khan, President PAS)
16:15-16:20	▪ Prof. Yoo Hang Kim (President AASSA)
16:20-16:30	▪ Recommendations of webinar I, II & III; way ahead (Prof. Zabta Khan Shinwari)
16:30-16:40	▪ Address by the Chief Guest; Mrs. Farah Hamid Khan
16:40-16:50	▪ Certificate and Shield Distribution
16:50-17:00	▪ Vote of Thanks (Prof. Tasawar Hayat)