

STEM Forward

A MEGA ONLINE JOB FAIR

Day 1 – November 20, 2020 – Friday	
0900 - 0930	Welcome and Keynote Address
0930 - 1000	Plenary Session: More and Better Jobs for Women in STEM and Energy Sector in Pakistan
1000 - 1100	<p>Policy, Regulations, & Governance of Energy Sector – Opportunities & Critical Skills</p> <p>How do the policymakers and top officials manage the energy sector in face of a global crisis? What can we learn from leaders in the federal and provincial governments, national regulators, and distribution companies as they navigate pandemics, oil price shocks, and geo-political diplomacy? This panel of experts will share strategic insights on the job opportunities in this sector as well as the critical skills needed – and why a multi-disciplinary education in public policy, law, and economics critical for the energy and power sector.</p>
1100 - 1200	<p>STEM Workforce in Pakistan – Opportunities and Critical Skills</p> <p>Covid-19 has touched every person in some way and is bound to leave its mark on not only the current generation but also the next one. So, it is pertinent to critically analyse the role STEM can play in ameliorating the effects of the pandemic now as well as in the future. This panel will evaluate the readiness of STEM workforce for another potential outbreak, the emerging STEM fields and opportunities for multidisciplinary R&D to cope with this multidimensional crisis, and the role social entrepreneurship in providing solutions.</p>
1200 - 1300	break
1300 - 1400	<p>Insights into Pakistan's E-Commerce Ecosystem</p> <p>Pakistan's e-commerce system is growing more now than ever before – this panel will discuss the opportunities and challenges of this ecosystem as well as about the skills and talent required by these businesses to grow. The conversation will revolve around the factors that are holding back the industry in reaching its full potential, the need for localized solutions, from e-commerce platforms to payment gateways, and the need for the right kind of investments and mentorship for upcoming players.</p>
1400 - 1500	<p>Pakistan's Clean Energy Transition – Preparing the Workforce towards Going Green</p> <p>How do we create a net-zero workforce in Pakistan? How do we ensure that students and graduates are (re)skilled for a 'green job'? This panel will discuss what is currently making a difference towards a low-carbon future and what are some of the biggest challenges. Experts will discuss climate change, environment, climate smart mining, energy efficiency and conservation. Most importantly, what are the skills that will be required in the next 10 years and how can Pakistan become a part of the global energy transition.</p>

Day 2 – November 21, 2020 – Saturday

0900 - 1000	<p align="center">STEM Session – Creating a Resilient Pakistan</p> <p>Rapid urbanization and a changing climate have made modern infrastructure vulnerable to an increased threat from natural and man-made disasters, posing a severe danger to life safety and substantial economic losses. As concerns regarding recurring natural hazards increase, it is all the more necessary to fortify structural and infrastructure engineering, not just from a human-centered design viewpoint, but also from an environmental sustainability perspective. This panel will assess the current opportunities and future-ready skills needed for urban resilience in Pakistan in the face of extreme weather events and climate change.</p>
1000 - 1100	<p align="center">Renewable Energy in Pakistan – Opportunities & Critical Skills</p> <p>Renewable Energy (RE) accounted for about 11 million jobs worldwide in 2019, of which 33% are in Solar PV. This panel will host industry leaders and private sector executives for an insight into the emerging opportunities skills required for jobs in utility scale RE, distributed solar, connecting and dispatching RE, O&M of RE, and more. Considering that women currently hold 32% of the world's RE jobs, how can Pakistan adopt similar gender inclusiveness in Pakistan's energy sector?</p>
1100 - 1200	<p align="center">Break</p>
1200 - 1300	<p align="center">Workplace Safety – How to Build a Safe and Inclusive Work Culture?</p> <p>Workplace safety is key to a thriving business. In this panel, we have invited industry leaders to discuss the importance of workplace safety, which includes both physical and psychological safety of teams. From workplace bullying and harassment, toxic work culture to health and safety, especially due to the current pandemic to an inclusive culture. The panel will explore ideas, practices, and challenges faced by our local tech ecosystem and will conclude with a way forward.</p>
1300 - 1400	<p align="center">Energy Supply Chain Post-Pandemic – Opportunities & Critical Skills</p> <p>The impact of Covid-19 on global supply chains was unprecedented in terms of scale and speed. As businesses and investors explore options for a return to a 'new normal', how does this impact recent graduates and young professionals? This panel will host industry leaders to discuss how the Pakistani workforce is preparing for another outbreak and lockdown.</p>
1400 - 1500	<p align="center">Closing Session</p>