

# Awareness session on 4<sup>th</sup> Industrial Revolution

FCCI Research & Development Center  
Muhammad Ahsan Alam

Chairman; Engr. Ahmad Hassan  
Activity, January 2019

Research & Development and CPEC Center at Faisalabad Chamber of Commerce and Industry organized an awareness session on the 31<sup>st</sup> January 2019. The major purpose of the session was to inform industrial community about the forth coming technological revolution in Industrial sector and facilitate Academia & Industries linkages to initiate joint efforts in preparations to it.



Chairman R&D and CPEC Standing Committee FCCI, Engr. Ahmad Hassan appreciated the participants from distinguished Universities and esteemed Industrial sectors. Former president FCCI Mr. Muzammil Sultan, Vice Chairman R&D and CPEC Standing Committee Mr. Muhammad Saeed, Engr. Mr. Asim Munir Member Standing Committee for R&D and CPEC attended the conference and provide their valuable insights. Delegations from all the major Universities at Faisalabad including UET, NTU, TUF, GCUF and UAF attend the session and thoroughly contributed in the Q & A session after the seminar. The overall fallouts of the discussion were greatly acknowledged by the participants and they stressed upon the need to carry on these kinds of interaction between Academia and Industrial in future as well for the mutual growth.



## Awareness session

Our correspondent

FAISALABAD: The fourth industrial revolution is knocking at our doors which has prompted the need to reprioritize our future strategies in addition to synchronizing our production, management and governance systems to harvest its fruits, said Engineer Ahmad Hassan, Chairman FCCI (Faisalabad Chamber of Commerce and Industry) Standing Committee on Research and Development on Friday.

Addressing an awareness session on "4th industrial revolution-21st century (Future threats and opportunities for Pakistan)", he said the history of the first industrial revolution began in the 18th century when at the moment we were heading towards the 4th industrial revolution which would distinctively mark with efficiency, quality and quantity.

He said all technologies developed so far had been clubbed together to improve the production capacity by utilizing the sciences of robotics, artificial intelligence, nanotechnology, quantum computing, biotechnology, internet, block chain, 5G, additive manufacturing/ 3D printing and fully autonomous vehicles. He said the developed countries were now thinking to settle down their labour problems as many sectors would be closed for labour while many other opportunities would emerge in this changed scenario.

He said labour intensive industrial sector would have to switch over to the robot controlled industries which would also bring a massive change in our social structure in which dependence on human beings would be reduced manifold.

Earlier Engr. Mujtaba Hassan Director Chenab Engineering and member Standing Committee R&D and CPEC threw light on major concepts of Industrial Revolutions in the history and contemporary advancements. Speaking about Machines replacing the Humans at workplaces he unveiled the statistics about changings that have occurred in the industry, agriculture and society throughout the history. He elaborated how workers and entrepreneurs should adapt themselves with the change in different fields so that they may endure and compete in the forthcoming technological challenges. In brief he discussed the utilization of advance technologies and modern concept from the Physical, Digital, and Biological world.

Stressing upon the close connections between Capacity Building Institutions he emphasized the need to inaugurate Joint Research & Development projects through involvement of industry and academia. However, he warned that in the absence of such measures, domestic industrial stakeholder may have to suffer sooner or later. Exploiting the scenario the West has ambition to shift back industries to US and Europe because under the Fourth Industrial Revolution only a least sum of labor would be required. Thus, the developing countries would not be able to enjoy competitive and comparative advantage of (cheap) labor any more, if skills developments are not improved on the need based parameters.

We are highly indebted to the print media in serving the noble cause of creating awareness into the stakeholders by publishing news of the event. The snapshot of news article and World Wide Web link has been given as under;

<https://www.thenews.com.pk/print/426579-experts-highlight-salient-features-of-forthcoming-4th-industrial-revolution>