

## **Faculty Development Program (FDP)**

### **Industry 4.0: Global Opportunities and challenges in Technical Education**

Association of Indian Universities (AIU) – Presidency University, Bengaluru (PU) – Academic and Administrative Development Centre (AADC) organised Five Days Online Faculty Development Programme (FDP) in association with Teaching and Learning Centre (TLC), PU on “**Industry 4.0: Global Opportunities and challenges in Technical Education**” from August 14-21, 2023 wherein Seventy-eight (78) faculty members registered for this FDP from various part of India.

The Industry 4.0 introduces several key highlights and transformative changes that aim to revolutionize the Indian education system. These changes encompass various aspects of education, including school education, higher education, teacher training, assessment, and the integration of technology.

#### **The FDP was aimed at:**

Awareness on Industry 4.0 and its implications on Technical Education.

Aligning with current industry relevant curriculum.

Designing e-content, open educational resources and adopting innovative instructional delivery models

need of interdisciplinary Collaborations in Academics to foster the growth of Technology.

In view of above, a Five days Faculty Development Program (FDP) on “**Industry 4.0: Global Opportunities and challenges in Technical Education**” is being organised by Presidency University, Bengaluru under the flagship of Association of Indian Universities & Academic And Administrative development Centre, from 14<sup>th</sup> - 21<sup>st</sup> August 2023 in virtual mode.

The Chief Guest for the inaugural ceremony Dr. Amarendra Pani, Joint Director & Head, Research Division, Association of Indian Universities, New Delhi, Convenor of FDP, Mr. Asif Mohamed, Dr. Ajit Danti, Professor, Christ University, Bangalore along with the participants witnessed the proceedings of the inauguration.

The welcome address was delivered by Mr. Asif Mohamed, wherein he focused on the how Industry 4.0 – the fourth revolution integrates cyber – physical systems, IoT, AI, Big Data Analytics leading to smart, interconnected, and autonomous production Environments

The inaugural session concluded with a vote of thanks from Ms. Tintu Vijayan, where she shared that it was quite a thought provoking and enriching session as they could listen to the first-hand experiences from the leading educators in India.

Prof. (Dr.) Ajit Danti, Professor, Christ University, Bangalore, started the first session on Industry 4.0 and its relevance. He emphasized the IoT as a key component of smart factories.

Prof. (Dr.) Vasantha Kumar, Associate Professor, Govt Engineering College, Hassan, Karnataka started 2<sup>nd</sup> day session on topic “Technical Education as per NEP 2020”. He shared the key features of NEP 2020 and how it is going to impact the learning outcomes in the days to come Prof. (Dr.) Sathiya Raj, Assistant Professor, Gitam University, Bangalore, Dr. Pradeep N, Professor and Dean Academics, BIET Davanagere, Karnataka, and Dr. Kishan Naik, Associate Professor, UBDTCE, Davanagere, Karnataka shared their vast knowledge and the

salient features of Industry 4.0 and its relevance in higher education for the benefit of the Teaching Fraternity.

After the session, Mr. Asif Mohamed, Head-TLC and Nodal Office AADC, Presidency University took the platform to summarize the 5 days of FDP on “**Industry 4.0: Global Opportunities and challenges in Technical Education**”. He summarizes the FDP session of each day by giving a brief insight about each session topic that has been seasoned in whole 5 days by the session resource person. He showed the gratitude towards all the resource person to grace the 5 days FDP with their valuable presence and shared their wisdom on this changing and evolving area in teaching and how it will impact on teaching and learning. He thanked the Management, organisers and faculty members of Presidency University who have shown active participation throughout the 5 days to make this event a huge success. He also shows appreciation to all the participants who joined this 5 day FDP session and shown a great participation on virtual platform.