

Call for Participation
National Workshop on
‘Industry 4.0 : Impact on Employability’

in partnership with Adamas University

On April 13, 2017 at Adamas University, Barasat, Kolkatta, WB - 700126

<http://iascsectorskillcouncil.in/event-participation.php>

Objectives

Skills required by industries change over time and it is up to the job aspirants and employees to keep abreast of the evolving requirements, as they are directly affected. The critical skills have changed over the years and will keep changing in future as well. The skill gap issue, thus is inherent to the transformational changes taking place in the industry and the evolving occupational opportunities and expectations.

Rapidly emerging technologies that are ushering the fourth industrial revolution include Internet of Things, Data Analytics, Augmented Reality and Virtual Reality, Artificial Intelligence, Machine Learning, and Robotics. It is important to note that the future workforce will need to align its skill set to keep pace and to thrive on in the Fourth Industrial Revolution. Such skills would be, but not limited to, complex problem solving, critical thinking, creativity, people management, coordination with others, decision making and cognitive flexibility.

Position papers, statistics, case studies and other content are invited for the workshop on the topics suggested below.

The workshop will aim to bring together the Process Industries, End User Segments, OEMs, System Integrators, various PSUs, industrial players and training solution providers to brainstorm on the expected skill gaps in the near future and also urgent skilling needs to fill up the gap, opportunities to be tapped to reduce the impact on employability and the challenges to be faced in creating employable skilled manpower.

Audience

All stakeholders are invited, including the Ministries of Skill Development at Centre and all States/UTs, PSUs, End User Industries, OEMs, System Integrators and EPC in IASC Sector, MSMEs, Educators and Training Solution Providers.

Expected Outcome

The workshop is expected to throw light on the type of the job roles that are likely to be eliminated, the type and number of sectors/industries affected. Alongside, the workshop is also expected to identify the re-skilling and up-skilling requirements for such a workforce for redeployment in other job roles that would be created due to Industry 4.0 adoption.

Suggested Topics for the Workshop

Position and Review Papers, Articles, Statistics, Case Studies, suggestions and policy recommendations etc. may broadly focus on the following:

- Technologies that are shaping Industry 4.0 landscape
- Likely future skill gaps in Industry Segments (Energy, Steel, Paper, Cement, Chemicals, Fertilizers, Oil & Gas, Pharmaceutical, Sugar, Water, Agro, Food, Defense, Transportation, Automotive, Capital Goods, Infrastructure, FMCG, Logistics, Warehousing and other Process Industries)
- Impact of Industry 4.0 on OEM segment (all Manufacturing and Services Industries)
- Impact of Industry 4.0 on End User segment (all Industries)
- Impact of Industry 4.0 on System Integrators/ Engineering Project Contractors (all Industries)
- Skill Needs and Gaps in MSME segments
- Challenges in creating employable skilled manpower
- Effective Techniques for Mass Skilling and Placements
- Impact of Industry 4.0 on Make in India
- Impact of Industry 4.0 on Smart City
- Opportunities for Upskilling / Reskilling
- Multiple Skill Needs in IASC Sector
- Multi Skill Job Roles – Meeting the Seasonal Employment Patterns
- Challenges for Skill Training Industry
- other relevant topics ...

Agenda

A one day Workshop with 3 sessions is planned. Details will be forwarded separately shortly.

Important Dates:

Registration as Author/Presenter and submission of paper: Mar 30, 2017

Notification of acceptance: Apr 07, 2017

Registration as Delegate: Apr 11, 2017

How to participate:

Register online at :

[Register](#)

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