The SKILLS Bridge Masterclass Series  
*Promoting Lifelong Learning (LLL) for the Future of Work*

Concept Note

**AI-Powered Skill India Digital Hub (SIDH) for a Future Ready Workforce**  
*Thursday, 4 July 2024 10:00–11:45 GMT/12:00-13:45 CET(Geneva)/ 15:30- 17:15 IST*

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**Registration link:** [https://us06web.zoom.us/webinar/register/WN_0d0ToeDcQUOkPyEnhQa6Gw](https://us06web.zoom.us/webinar/register/WN_0d0ToeDcQUOkPyEnhQa6Gw)

**Objectives – Episode 8 (EP8)**

Episode 8 of "The SKILLS Bridge" Masterclass Series zeroes in on the transformative force of digital evolution within Skills and Lifelong Learning (LLL) ecosystems. This episode will delve into the myriad possibilities and obstacles that accompany digital change, with an explicit emphasis on trailblazing methods for fortifying Technical and Vocational Education and Training (TVET) structures and schemes in developing countries. Through illuminating case studies from India, participants will gain invaluable insights into leveraging digital revolution to augment the skilling, reskilling, and upskilling of the labor force as well as the management of TVET systems. This is critical in adapting to the rapidly evolving job market and addressing the multifarious global challenges at hand.

This webinar will focus on these pivotal themes:

1. Innovative use of digital technology in Skills and Lifelong Learning systems and programmes
2. Barriers and enablers for benefiting from the innovations in technology
**India's Imperative Role in Global Skills Transformation**

India, with its vast, young workforce and innovative digital infrastructure, serves as a global case study. The Skill India Digital Hub (SIDH) exemplifies scalable, sustainable skill enhancement models crucial for inclusive growth and lifelong learning.

Challenges solved via Skill India Digital Hub:
1. Fragmented access to training, employment opportunities and broken value chain for skilling at various stages
2. Different demand and supply geographies create informational asymmetry and migration issues, misaligning training with industry needs.
3. Difficulty in navigating and locating skill centers and job opportunities
4. Lack of trusted and digitally verifiable pool of users
5. Lack of comprehensive insights for policy makers
6. Lack of industry-ready skilling courses
7. Language barriers in accessing skilling resources

Some of the key features of Skill India Digital Hub (SIDH) are:

1. **10 second registration process**
   Users can register seamlessly and efficiently on SIDH in just 10 seconds, by providing their 10-digit mobile number and receiving a 6-digit OTP on their mobile devices, ensuring swift and secure onboarding.

2. **Portable digitally verifiable credentials**
   SIDH offers Digitally Verifiable Credentials, embodying education, training, work experience, and reputation, securely archived and accessible with owner permission, streamlining verification processes. SIDH is integrated with multiple Indian sovereign databases, which act as a trusted source of verification.

3. **Convergence – whole of society approach**
   The platform is designed to encompass all training programs initiated by both Central and State governments, as well as various departments, serving a dual purpose of providing users with a holistic view and facilitating effective implementation.

4. **One-stop Platform for training courses, apprenticeships and jobs**
   SIDH offers a one-stop platform for users to access courses, schemes, apprenticeships, and job opportunities aligned with their preferences and aspirations, without requiring registration. SIDH offers advanced personalization, dynamically showcasing relevant opportunities based on user preferences, enabling efficient exploration within its ecosystem. SIDH’s recommendation engine uses machine learning to deliver tailored suggestions for courses, apprenticeships, and jobs, streamlining the search process and enhancing efficiency by providing insights into market demand trends.

5. **Online learning**
   SIDH’s Learning Management System (LMS) streamlines course management, delivery, and tracking, enhancing learning with features like Content Management, Learner Registration, Content Delivery, Progress Tracking, Assessment, Feedback, and Certification. Virtual instructor-led training (VILT) merges technology with pedagogy, enabling interactive live modules, efficient administration, structured scheduling, and mitigation of geographic limitations, revolutionizing the educational landscape.
6. **AI powered Contextualized and Personalized Digital Job Exchange, Courses, Recommendations**

SIDH’s Digital Job Exchange is an integrated platform that connects job seekers with employment opportunities tailored to their skills and preferences. Utilizing advanced AI and machine learning algorithms, SIDH personalizes job/course recommendations based on user profiles, ensuring that candidates find relevant skilling courses and job matches efficiently. This feature streamlines the job/course search process, saving time and efficient matching with industry needs and enhances the user’s career development journey. Users can also provide/access ratings and feedback on courses and job listings, enhancing decision-making and career development.

7. **Geotagging and GIS for infrastructure navigation**

SIDH Map integrates geotagging and advanced mapping for seamless skill center, job, and institute navigation. Features include skill center discovery, educational institution mapping, assessment agency locating, ODOP/Cluster exploration, aspirational district showcasing, ‘Near Me’ instant proximity, filtering, legend, drag and zoom, map layers, and GIS for policy and infrastructure monitoring.

8. **Accessibility**

SIDH ensures inclusivity and wider accessibility by offering its platform in multiple Indian languages, thus breaking the digital divide and acting as a bridge to access valuable courses and resources for a diverse population.

9. **Monitoring and Governance**

SIDH dashboards provide key insights into skill development programs, apprenticeship summary, direct-beneficiary transfer and related market trends. With interactive visualizations, users can make informed decisions, track progress, and optimize strategies for growth. Training infrastructure is monitored real-time through a centralized Control and Command center, which enable center-based analytics and monitoring.

**Audience**

Anyone interested in improving skills and lifelong learning systems around the world can join these Masterclasses. **There are no fees.**

**Language**

The working language of the webinar will be *English*.

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*The SKILLS Bridge title refers to invaluable role of Skills and Lifelong Learning in closing skills gaps, aligning demand and supply, and in uniting private and public sector collaboration.*
Tentative Agenda

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<th>Time</th>
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<tr>
<td>12:00 – 12:05 CET</td>
<td>Introduction&lt;br&gt;By Dr. Ashwani Aggarwal, Workgroup Leader (Skills and Lifelong Learning Policy, Systems and Digitalization), ILO Geneva</td>
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<td>12:05 – 12:10 CET</td>
<td>Welcome Address&lt;br&gt;By Mr. Ravi Peiris - OIC, ILO Decent Work Team for South Asia and Country Office for India</td>
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<td>12:10 – 12:20 CET</td>
<td>Keynote Address&lt;br&gt;By Mr. Jayant Chaudhary - Hon’ble Minister of State (IC) for Ministry of Skill Development and Entrepreneurship, India</td>
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<td>12:20 – 12:55 CET</td>
<td>Moderator: Dr. Ashwani Aggarwal&lt;br&gt;Skill India Digital Hub: Presentation By Mr. Ved Mani Tiwari, CEO, National Skill Development Corporation (NSDC); MD, NSDC International (NSDCI) – 7 min&lt;br&gt;Skill India Digital Hub: Demonstration By Ms. Shreshtha Gupta, CTO, NSDC &amp; NSDC International – 7 min&lt;br&gt;Dialogue with the moderator (21 min)</td>
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<td>12:55 – 13:40 CET</td>
<td>Panel and Q&amp;A session on expanding the adoption of Skill India Digital Hub globally:&lt;br&gt;• Dr. Haja Ramatulai Wurie - Minister of Technical and Higher Education, Sierra Leone&lt;br&gt;• Mr. Ruben Sargsyan - Deputy Minister of Labor and Social Affairs, Armenia&lt;br&gt;• Mr. Atul Kumar Tiwari - Secretary, Ministry of Skill Development and Entrepreneurship, India&lt;br&gt;• Ms. Debjani Ghosh – President, NASSCOM, India&lt;br&gt;• Ms. Shabnam Sinha - Lead Education Specialist, World Bank&lt;br&gt;<strong>Moderator: Dr. Ashwani Aggarwal</strong></td>
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<td>13:40 – 13:45 CET</td>
<td>Closing remarks&lt;br&gt;Dr. Borhene Chakroun – Director of Policies and Lifelong Learning Systems, UNESCO</td>
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Technical specifications

The webinar will be conducted via the Zoom conferencing software.

Coordinator and moderator of SKILLS Bridge Masterclass series

- Ashwani Aggarwal (<a>aggarwal@ilo.org</a>)<br>Workgroup Leader (Skills and Lifelong Learning Policy, Systems and Digitalization), ILO Geneva

Contact person

- Ms. Yukari Kanamori (<a>kanamori@ilo.org</a>), Technical Officer, ILO New Delhi<br>- Mr. Abhijeet Kumar Singh (<a>abhijeet.singh@nsdcindia.org</a>), Manager, IT & Digital, NSDC, India