

# Emerging Avenues of Skill Development: Role of Corporates, Academia and NPOs

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# The Primacy of Functional Literacy Rate

- 1) What is functional literacy rate?**
- 2) Lessons from the history of economic development**
- 3) Preparing students for entry into employment vs preparing students for employment**
- 4) Professional intellect**

# Enhanced Capabilities and Skills to Unlock the Development Potential

Enhanced adaptive capabilities and skills to use modern technology and to commercialize new knowledge in the emerging **open innovation and value creation network in virtual world**

**Preparedness for the creative destruction** triggered by disruptive technologies, which will enable us to live with the facets of the new normal.

# Emerging Business Opportunities

## 4Ls

**Life,**

**Livelihoods,**

**Life style,**

**Leveraging**

# Emerging Opportunities in Saving Lives

- 1. High quality face mask**
- 2. Low cost bio-sanitizers**
- 3. Instant testing equipment**
- 4. Hands free door opener**
- 5. Ventilators**
- 6. Immune boosting food products based on bio-dynamic and organic farming**
- 7. Commercialization of traditional medicine and medical practices**
- 8. Human repellent**
- 9. Post-COVID-19 rehabilitation**

# Business Opportunities in Creating Sustainable Sources of Livelihoods

- 1. Techno serve to industrious revolution**
- 2. Bio-dynamic organic agricultural farms**
- 3. Local resource-based low-cost building material**

# Business Opportunities Stemming from New Style of Living

- **1) Home theatre**
- **2) Home gym**
- **3) Home Garden**
- **4) Competent and reliable home delivery**
- **5) Chartered aircrafts**
- **6) Converting idle resorts into service apartments**
- **7) Low cost villas**

# Business Opportunities in Virtual world

- 1) Refurbishing old computers, laptops and cell phones**
- 2) Participating in the global value chain**
- 3) Online coaching**
- 4) Digitize information on product specific potential sources of growth**



# The Role of the Corporates

- **Ask simple questions to address critical issues:**

- 1) **What drives the corporate sector today?**

- 2) **Why some corporates are doing better than others?**

**The answers will lead to the creation of professional intellects**

# The Role of the Academia

- **The 21st century requirements need creative individuals.**
- **Personal academic accomplishment should contribute to the society.**
- **Enlightened, socially conscious, knowledgeable, and skilled nation to find and implement robust solutions to its own problems.**

# Aligning Skill Development

- **At the school level: Atal Tingeing Lab**
- **At the university level: Atal Innovation Mission**
- **Need of the Hour: Creation of an innovation chair position at the school and university levels**

# The Role of the NPOs in the Digital Transformative Shift

**Digitize vital information**

**Use digitized information for the digitalization of productive sectors and services**

**Dovetail interventions to the rapidly changing facets and patterns of production and services**

**Constantly finetune interventions to the future of the workforce**

# The Way Ahead for Corporates, Academia and NPOs

**3 Cs**

**C**onnect

**C**omply

**C**ompete

# The Future of the Workforce

**To work with:**

- Smart machine
- Robots
- Artificial intelligence

# Leading to Next-Generation Business Models

- 1) Intelligent digital solutions**
- 2) Digital capability enablers**
- 3) Digital marketplaces**
- 4) Digital ecosystem**
  - 1) Intelligent digital solutions**
  - 2) Digital capability enablers**
  - 3) Digital marketplaces**
  - 4) Digital ecosystem orchestration**

• Source: World Economic Forum latest report June 2021

# Skills and Innovation Systems

- **National Innovation System**
- **Sectoral Innovation**
- **Incremental innovation**



# The Future We Want

**Not to fear technological marvels**

**Important to be part of the rapid,  
revolutionary and complete changes**

**More important that You be  
the change**

# *Thank You*

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