

Skill Development Ecosystem

State: Uttarakhand

Date: July 2017

Overview

- Uttarakhand was formed on 09.11.2000 as the 27th State of India.
- Rich in natural resources especially water and forests.
- State is mainly hilly & border state.
- Out of 13 districts, 5 districts are border districts.
- Around 47% area is under these border districts.



Summary of socio-economic indicators

State Capital	Dehradun
Population (Census 2011)	1 crore
Literacy Rate (Census 2011)	79.8%
Sex Ratio (Census 2011)	963
Basic/secondary education (No of schools/colleges-2010-2011)	22865
Main industrial cities	Dehradun, Haridwar, Pantnagar
Key prospective industries	Agro and food processing, auto components and automotive, drugs and pharmaceuticals, engineering goods, IT, Tourism

Skill gap analysis

- The State of Uttarakhand is a developing State and for its development it requires trained employees in all the sectors. The youth in Uttarakhand is finding it difficult to improve the skill which can lead to employment and entrepreneurship.

Training requirements in Uttarakhand based on aspirations and Skill Gap analysis

Sr.No.	Sectors
1	Manufacturing – Automobile, Fabrication, Turner, Plastic Moulding etc.
2	Travel, Tourism and Hospitality
3	Information Technology
4	Services – IT, Retail, F&B, BPO, Beautician, etc.
5	Wool processing, Weaving, Dressing & dyeing of fur, Garment making, Textile Printing, Jute, Bamboo and Regional Handicrafts – Candle making, Utensils etc.
6	Healthcare and Pharmaceuticals
7	Agriculture , Apiculture, Horticulture, Animal Husbandry, Food Processing
8	Security, Pre Recruitment Trainings
9	Building and Other Construction workers
10	Banking, Business & E-Commerce, Insurance

Residential Trainings should be promoted as availability of all sectors in all districts is not possible.

Skill Development Scenario

■ **Industrial Training Institutes: Total No- 20**

- RUNNING SDIS/MES scheme successfully in more than 90 centres across the state
- Proposal to create 6 Model ITI with a capacity of more than 1000 trainees per ITI.
- Flexible local ITI level MOAs with industries like M/s Toyota, M/s Volvo and M/S Maruti Udyog Ltd.

■ **Polytechnics: Total No: 77**

- ESDM- Training in NSQF level 1 and 2 to 180 students in DTH Set Top box Installer & Service technician course. The IRDT Dehradun is state implementing agency AND certification agencies are NIELIT, ESSCI and TSSC.
- Community Colleges- 9 Government polytechnics in the state Conducting The Ccommunity college program under the scheme of MHRD with support of AICTE in IT, Automobiles, Service and Manufacturing sector.

Details of Community Colleges

- There are 9 Govt polytechnics in the state of Uttarakhand Conducting the community college program under the scheme of MHRD with support of AICTE

S. No.	Name of Polytechnic	Intake	Enrolled Students		Sector	Specialization
			2014-15	2015-16		
1	G.P. Dehradun	100	66	68	IT	Software Development
2	G.P. Kashipur	100	100	53	Automobile	Farm Equipment & Machinery
3	G.P. Nainital	100	84	56	Automobile	Auto Elect. & Electronics
4	G.P. Narendranagar	100	52	12	IT	Software Development
5	G.P. Srinagar (G)	100	37	70	Construction	Building Technology
6	G.P. Kaladungi	100	76	63	IT	Software Development
7	G.P. Aamwala Dehradun	100			Service	Industrial Instrumentation & Automation
8	G.P. Haridwar	200	44	64	Manufacturing	Consumer Based Electrical appliances
					Service	Electronic Equipment Maintenance
9	G.P. Pantnagar	100	42	05	Service	Computer Assembling & Maintenance of Peripherals

ESDM Programme

- State run ESDM Programme of department of electronics & IT (Ministry of Communication & Information Technology of GOI).
- In this scheme/programme there is provision of training from level 1 to 5.
- The State of Uttaranchal has presently selected only for level 1 & 2.
- Age Limit
 - Minimum 18 years and no bar for the maximum age.
 - Minimum Qualification: - 8th standard

Salient features of the scheme

- The course duration scheduled for the training programme, is fixed and the training hours are assigned 04 hours per day.
- The IRDT Dehradun is assigned as the state implementing agency for the state and the certified agencies are NIELIT, ESSCI and TSSC.
- The training material is free of cost.
- The certified agency after the successful completion of the training will provide the certificate of completion of training and that certificate will be valid all over the country.
- Course Fee: - Gen and OBC candidates have only to pay the 25% of course fee and that is Rs 1250 and there is no course fee to pay by the SC/ST/ EWS candidates.

ESDM Courses As on Nov 2015

S. No.	Name of Center	Name of Course	Level	Minimum Qualification	Training Partner	No. of Enrolled candiates	No. of candiates Appeard in exam
1	G.P. Srinagar	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	30	17
2	G.P. Kotdwar	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	30	30
3	G.P. Kaladungi	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	30	22
4	G.P. Nainital	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	60	60
5	G.P. Shaktifram	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	30	18
1	G.P. Srinagar	DTH Set Top box Installer & Service technician	2	8 th paas	MG Carrier park Jaipur	30	17

Aipan: Traditional Art Form of Uttarakhand

- Aipan is the traditional artform of Uttarakhand
- The Aipan (Alpana) is a popular art form of Kumaon, and walls, papers and pieces of cloth are decorated by the drawings of various geometric and other figures belonging to gods, goddesses and objects of nature. Dupattas are also decorated in this manner.



Different forms of Aipan

- Saraswati Chowki
- Chamunda Hast Chowki
- Nav Durga Chowki
- Shiv Peeth
- The Surya Darshan Chowki
- Janeyu Chowki

Other art forms

- Tibetan knitting art form known as Dans
- Mixed of Kumaoni and Tibetan styles
- Decorative baskets known as tokri, Doka, Dala,
- Wooden casks: Theki, Harpia, Naliya
- The art of Hilljatra mukhotas (masks) is also worth mentionong

- One of the challenge in Aipan is that industry wants more or different colours but locals are only using red and white.
- State has not done any RPL as of now but keen to conduct RPL in the field of Securities, Defense etc.
- State is looking for funding support from centre or NSDA
- Success stories of the state: Many trained candidates in the hospitality and hotel industry are placed in premiere hotels such as Jaypee Residency and Taj Hotels, Jaipur

UKSDM

- Uttarakhand Skill Development Mission – Under Honourable Chief Minister. Registered under Societies Registration Act 1860 was setup on 12/2/2013
- Objective: To Skill the un-skilled youth, upgrade the skills of skilled workers & to get certification of the skills of skilled workers.
- To promote skill development activities and to help and monitor skilling programmes implemented by different Government agencies.

Key Activities of UKSDM

- Worked with Tata Relief Committee, FICCI, L&T, CII, Ananda and SSCI to conduct skill training and placement programmes for disaster affected youth of Uttarakhand (Cloud Burst, Flash Flood and Land Slides in 2013).
- The mission in its pilot project skilled more than 2000 youth of Uttarakhand in 12 different sectors as per MES guidelines across the state in 68 training centers.
- Offered stipends to more than 500 students coming from remote locations.
- Facilitated third party assessment by DGE&T empaneled agencies. Certification is in progress.
- Placed around 500 youth in different sectors.
- The mission plans to train more than 5000 youth in current year and has received 264 applications by reputed training providers from all over the country.

Structure of UKSDM

The Board of Governors		
Sr.No	Post	Designation
1	Chief Secretary, State Government	Chairman
2	Vice Chancellor, Uttarakhand Technical University, Dehradun	Member
3	Principal Secretary/ Secretary, Technical Education	Member Secretary
4	Principal Secretary/ Secretary, Industry State Government	Member
5	Principal Secretary/ Secretary, Urban Development State Government	Member
6	Principal Secretary/ Secretary, Tourism State Government	Member
7	Principal Secretary/ Secretary, Rural Development State Government	Member
8	Principal Secretary/ Secretary, Social Welfare State Government	Member
9	Principal Secretary/ Secretary, Labour and Employment State Government	Member
10	Principal Secretary/ Secretary, Information Technology State Government	Member
11	Principal Secretary/ Secretary, Higher Education State Government	Member
12	Chairman Udhog-Vyapar Mandal, Uttarakhand	Member

Executive Committee of UKSDM

The Executive Committee		
Sr.No.	Post	Designation
1	Principal Secretary/ Secretary, Department Training & Technical Education	Chairman
2	Director, Labour & Employment	Member
3	Commissioner, Rural Development	Member
4	Director, Higher Education	Member
5	Director, Secondary Education	Member
6	Director, Urban Development	Member
7	Representative of Uttarakhand Rural Bank	Member
8	Representative of State Bank of India	Member
9	Director Technical Education Uttarakhand	Member Secretary / Project Director

Working of UKSDM

- The Mission operates from Mahila ITI Dehradun, under the Project Director / Additional Secretary, Technical Education, supported by Nodal Officer, Consultant and supporting staff.
- On 27 Feb 2016 the Mission published advertisement for appointment of Project Coordinator, Manager Finance, Training, Mobilization & Placement and MIS on contract basis. The team joined UKSDM on 1st of June 2016.

Selection of Training Sectors and Trades

- The Industries Association of Uttarakhand provided requirement of more than 10000 trained youth as per the following requirements.
- The Mission based on the requirements reached out to the Sector Skill Councils and planned training programmes to cater the requirement of the industry.

Skill Initiatives of UKSDM

- A budget of Rs 10 crore has been allocated to UKSDM for this financial year
- Mission has signed MoUs with six SSCs namely tourism, security, telecom, apparel, agriculture, health
- Mission has empanelled 135 training providers in 2016
- State plans to use govt infrastructure for training by pvt partners
- Mission working with tech education dept in a World Bank funded project as Uttarakhand Workforce Development Project

NSDA interaction with state/UT

- Organized meetings with Department of Technical Education and the office of the Chief Minister, Uttarakhand in May 2012
- Worked closely with State for formation of Uttarakhand Skill Development Society and setting target for skilling in the State.
- Uttarakhand got selected for International Assistance as part of TA's signed with Asian Development Bank (ADB)

ADB Deliverables

- Formation of a Core team: to drive alignment of qualifications to NSQF in the state
- Workshops: Introductory workshop to facilitate basic understanding to Core team about NSQF, process for alignment of qualifications to NSQF and deadlines as per Gazette Notification of NSQF
- Identification of qualifications: to be aligned to NSQF
- Level II NSQF workshop: to address the challenges faced by the Core team in aligning qualification to NSQF

SCOPING VISIT

- Preliminary visit on 21.01.2015 for scoping of activities under skills development mission in Uttarakhand
- Meeting was organised with Mission Director, UKSDM, Assistant Director, Directorate of Higher Education, Secretary, Technical Education, Labour and Employment
- Key potential areas and challenges for skill development in state were identified

NSQF ROLL OUT WORKSHOP

- First workshop for NSQF Roll Out held on 09.06.15 in Dehradun, Uttarakhand
- Government departments namely Technical Education, Directorate of Industries, Higher Education participated
- State is implementing all Central Ministries programmes at present
- State was suggested to identify state focused areas in which NSQF alignment can be initiated
- State proposed NSQF workshop with key departments

NSQF WORKSHOP: SECOND PHASE

- NSDA-ADB team conducted NSQF workshop in Dehradun on 23.12.2015
- Participants sensitized on filing of Qualification File through an interactive session
- Participants from nearly 38 govt. departments attended
- A follow up workshop on NSQF was conducted by NSDA-ADB team in Haldwani on 03.02.2016.
- The workshop focused on introduction to NSQF and Qualification File, learning outcomes, leveling as per NSQF.

Meeting with CM of state

- Chairman, NSDA met with Chief Minister of Uttarakhand, Shri Harish Rawat ji on 24.12.2015 to discuss the skills ecosystem of the state
- Post meeting, a letter was sent from the Chairman, NSDA to the CM of the state highlighting the key areas where NSDA is involved with the state and the potential areas which can be explored

WAY FORWARD

- Formation of Core Committee on NSQF
- Identification of qualifications run under SCVT and align them to NSQF
- Vocationalisation in Schools: MHRD has approved 80 schools of Uttarakhand for introduction of vocational education from class 9th in six sectors namely auto, beauty and wellness, travel and tourism, healthcare, IT/ITES and retail.

Thank You