



**DEPARTMENT OF TECHNICAL EDUCATION,
VOCATIONAL & INDUSTRIAL TRAINING,
HIMACHAL PRADESH**

Welcome

Hon'ble Chairman & respected participants

STATE GEOGRAPHIC PROFILE

Himachal Pradesh is the land of geographical diversity with extreme climatic condition. The state has areas like Dhramshala that receive 2nd highest rainfall in the country, as well as those like Lahul & Spiti which are snow bound cold desert with sub zero temperature.

STATE ECONOMIC PROFILE

- The economy of the state is heavily dependent on four sources: Hydroelectric power, Tourism ,Industry and Agriculture.
- Agriculture continues to be a significant contributor to the economy, in terms share and growth. The agriculture contributes 45% of the net state domestic product and it is the main source of income & employment .
- Hydro-electric power Projects are contributing substantially to the economy of the state. State is endowed with rich natural resources for hydel power generation and the State has an estimated potential of 25000MW of hydel power out of which only 7000MW hydel power has been harnessed. There is enough scope for Mini and Micro Hydel Project(5MW).

STATE ECONOMIC PROFILE

- The development of Industrial cluster in the Districts of Solan (Parwanoo, Baddi-Barotiwala, Nalagarh) Sirmour, Una and Bilaspur and Shimla is also contributing in improving the economy of the state.
- The Industry Department of the State has developed 41 industrial areas and 15 industrial estates in different districts with basic amenities as roads , power , sewerage , water and communication.
- Medium- and large- scale industries form 80 per cent of investments and 45 per cent of the employment in the state.
- During the last few years, the industrialization in the State of H.P. has made significant progress. As on 31/03/2012 there are 36845 Micro, Small, Medium & Large Enterprises out of which 444 are in Medium & Large Scale registered with the Department of Industries with an investment of Rs. 10408.41 crore and employment to about 2.42 lac persons.

EMPLOYMENT PROFILE

- The main stay of the people of Himachal Pradesh is agriculture on which 66.71% population depend for the livelihood.
- With the small industrial base most of the trained manpower avail the opportunity of Employment outside the State. However, the State has taken initiative by good governance to promote and establish technical institutions in the State.

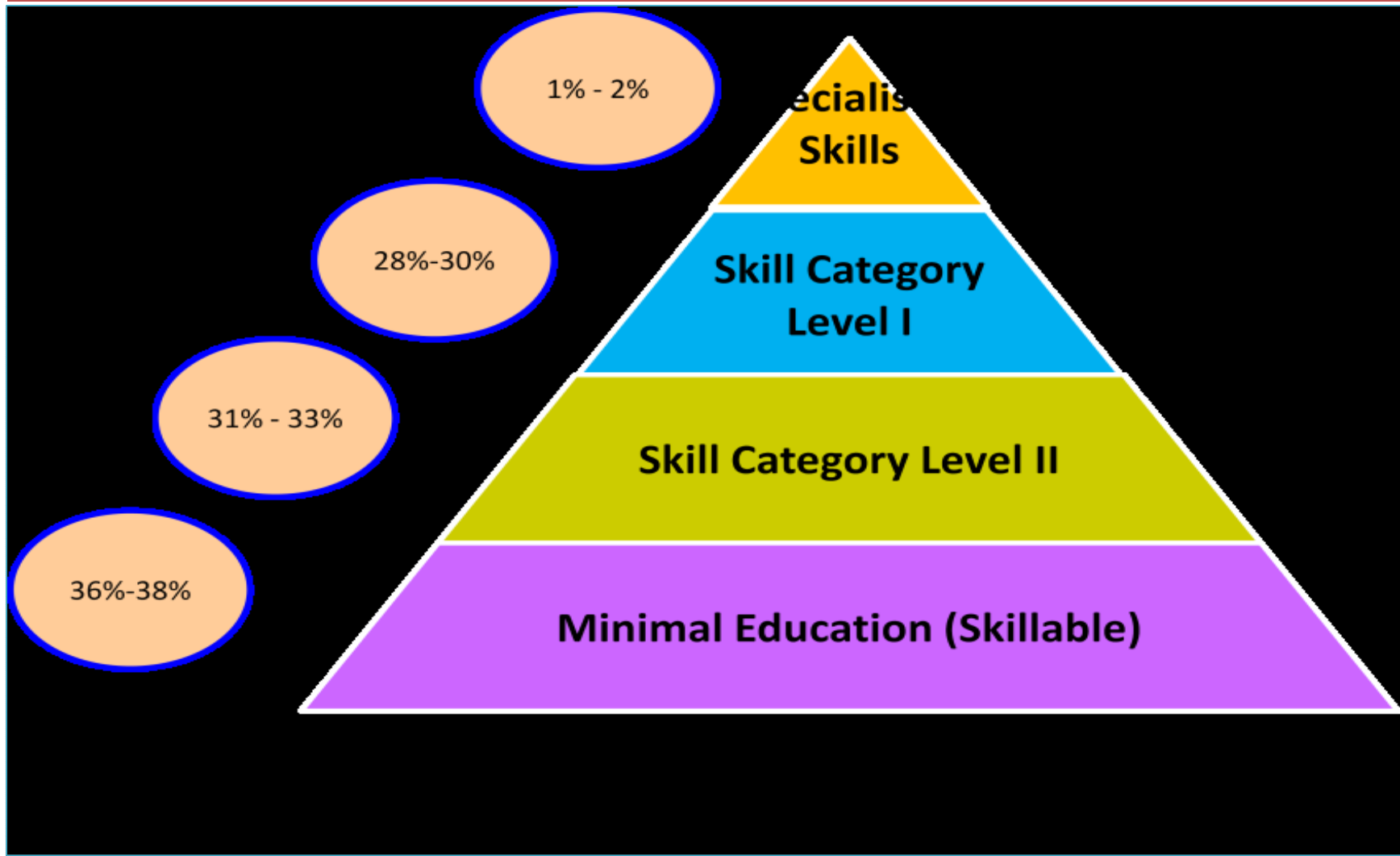
SKILL GAP ANALYSIS

- As per survey conducted by HPIDB through ICRA, the demand for skilled workforce as part of the overall workforce requirements is estimated to be around 5.5 to 6 lacs till 2015. whereas supply of skilled workforce available for employment is estimated to be around 2 lakhs till 2015. Based on employability, the skill gap of skilled workforce is estimated to be 4 lakhs till 2015.
- The Human resource requirement of different industries in the State of Himachal Pradesh till 2015 is compared against the supply of technical workforce by which deficit human resources are identified. The incremental requirements of human resources till 2015 is as under:-

Demand Analysis – Incremental Human Resources Requirement

Sectors	Employment in			
	2006	2010	2015	Incremental 2015 to current
Pharma	16600	33100	39800	23200
Light Engineering	286 00	546 00	610 00	324 00
ITeS/BPO	15 00	88 00	244 00	229 00
Repair Mechanics	27800	366 00	505 00	228 00
Construction	20600	340 00	601 00	395 00
Cément	58 00	113 00	173 00	115 00
Hospitality	1713 00	2047 00	2469 00	757 00
Hydro Power	344 00	358 00	436 00	92 00
Textiles	195 00	309 00	348 00	153 00
Agro Processing	250 00	350 00	550 00	300 00
Retailing	12500	25000	60000	47500
Total	326000	449700	578600	330000

SKILL MAPPING



SKILL PROFILE

- **Specialist skills:** Highly qualified and specialised personnel with high end design & development , analytical and communication skills.
- **Skilled category Level-I:** Engineers, Arts & Science and Diploma holders with experience.
- **Skilled category Level-II:** ITI's – NTC holders with experience in one or more job profiles
- **Skill able:** Minimal qualified or school drop-outs or people with resident skill potential e.g. handicrafts

Supply Analysis

- The supply line of human resources are Universities , Polytechnics, Engineering Colleges, ITIs/ITCs to train required human manpower.
- The State Govt. is encouraging the private sector to establish institutes of international standards to impart quality training as per the need of the industry.
- A Hydro Engineering college is also coming up under Public Private Partnership mode (PPP mode) in the State.
- New Polytechnic and ITI,s /ITC,s are also proposed to be established the State both in the Govt. And private sector. Recently 4 new ITI,s has been started by the state Govt.
- These institutes will have enrolment capacity of about 80 thousand students every year encompassing the following education streams:-

Strength of Technical Education stream in Himachal Pradesh

Sr. No	Description	Number	Annual Intake Capacity as on 2011
1.	Govt. & Pvt. Engg. Colleges	1+17	240+6360
2.	Govt. & Private B. Pharmacy college	1+12	40+900
3.	Govt. & Pvt. Polytechnic	10+19	1490+6510
4.	D.Pharmacy College in Pvt.Sector	1	60
5.	Govt. ITIs	74	14878
6.	Govt. ITIs for Women	8	1537
7.	ITIs for Physically	1	84
8.	Motor Driving School	1	21
9.	Pvt.ITIs	118	12697

RECENT INITIATIVES

- HP State Technical University has been established from the academic session 2010-11 at Hamirpur.
- Establishment of Atal Bihari Vajpayee Government Institute of Engineering & Technology at Pragati Nagar District Shimla in the academic session 2011-12.
 - *Polytechnic Classes in three Disciplines-EE,CE and ECE
 - *ITI Classes in two trades Electrical and Electronics Mechanics
 - *Rs 6.00 Crores released by SJVNL for the above ABVGIET
 - **B.Tech Classes in two disciplines CE AND ECE shall commence from the academic session 2012-13
 - *39 Posts have also been created
- Establishment of IIT Mandi
- Establishment of NIFT Kangra

STATE SKILL DEVELOPMENT MISSION

- There was an ICRA Study in 2007-08 which highlighted the skill gaps in various sectors district wise and projected that by 2015 3.5 to 4 lakhs new jobs are likely to emerge in the state.
- Notification of SSDM in 2009
- Meetings of SSDM under the chairpersonship of Chief Secretary Himachal Pradesh
 - *15th July and 31st December 2009
 - *23rd January, 2010 at 3.00PM
 - *3rd May, 2011 at 3.30 PM (Out of 17, eight department namely TE, Industry, Agriculture, Horticulture, Tourism, RD, Power and UD submitted the action plan along with financial projections.
 - *17th June 2011 at 2011
 - *18th August 2011 at 4.00 PM

ACHIEVEMENTS

- 33 Industrial Training Institutes are being up gradated under Public Private Partnership mode for which as on 31.03.2012 Rs 23.58 crores have been spent out of Rs 82.50 crores.
- Centre of Excellence under CSS for 3 ITIs . As on 31.03.2012 expenditure incurred of Rs.3.45 crores. 380 candidates being trained every year in Electronics and Automobile Sectors.
- Centre of Excellence under World Bank Assistance for 11 ITIs As on 31.03.2012 an expenditure of Rs.29.76 crores have been incurred. 880 candidates are being trained every year in Fabrication,Electrical,Refrigeration and Air Conditioning and IT Sectors.
- Establishment of English Language Labs in all Govt.Polytechnics and some of the ITIs to build the Proficiency in English Language.
- Sanction of Rs.12.25 crores TEQIP-II Project for JNGES for strenghtening the infrastructural facilities so as tto increase the employability of garduates.1st instalment of Rs 2.00 crores received recently.

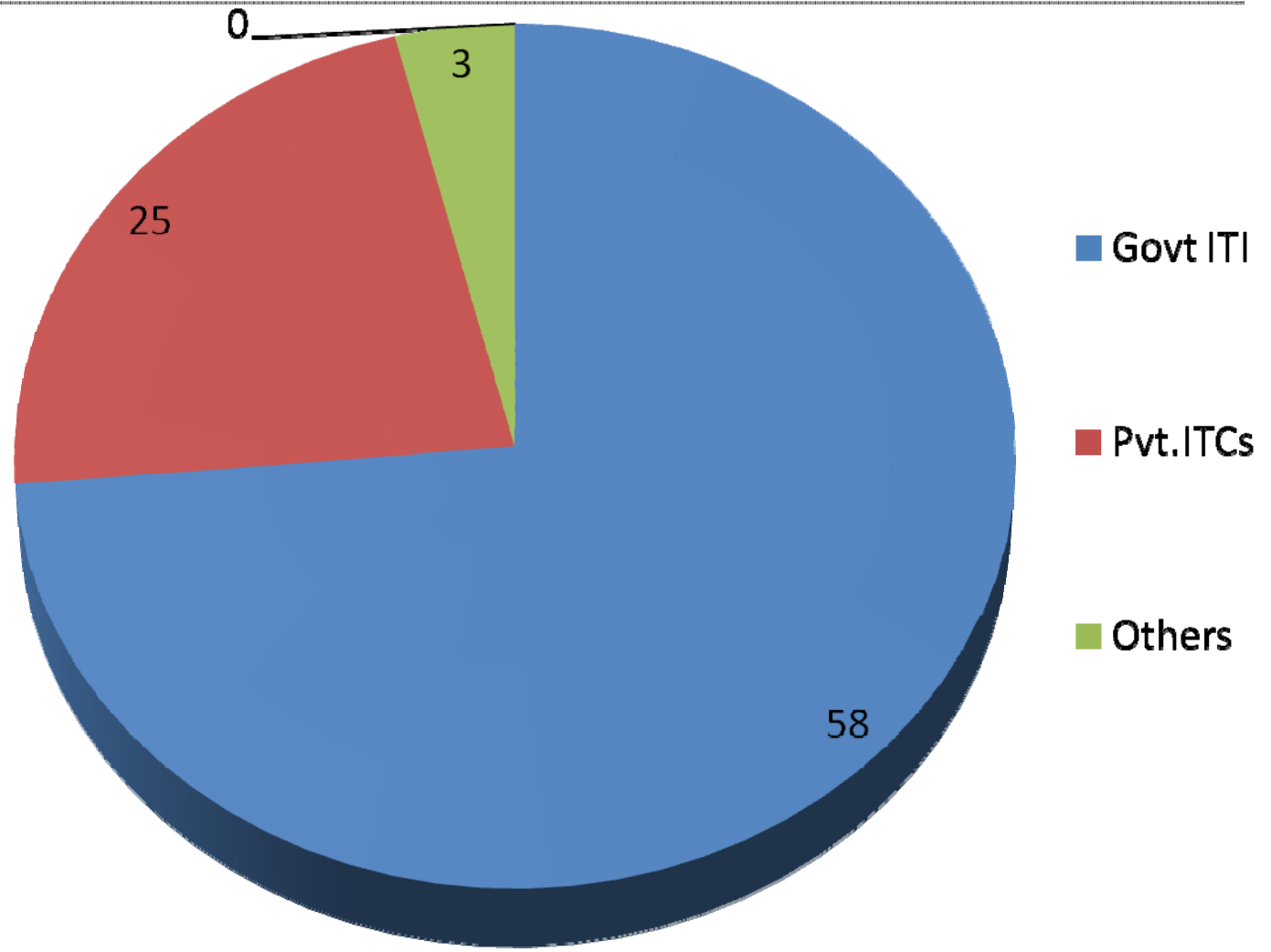
SOCIETY FOR SKILL DEVELOPMENT INITIATIVE

- Himachal Pradesh State Society for Skill Development Initiative and Vocational Training, Sundernagar has been registered on 28-03-2011.
- First meeting held on 11-08-2011 under the Chairmanship of Sh.Ajay Mittal Principal Secretary(TE)

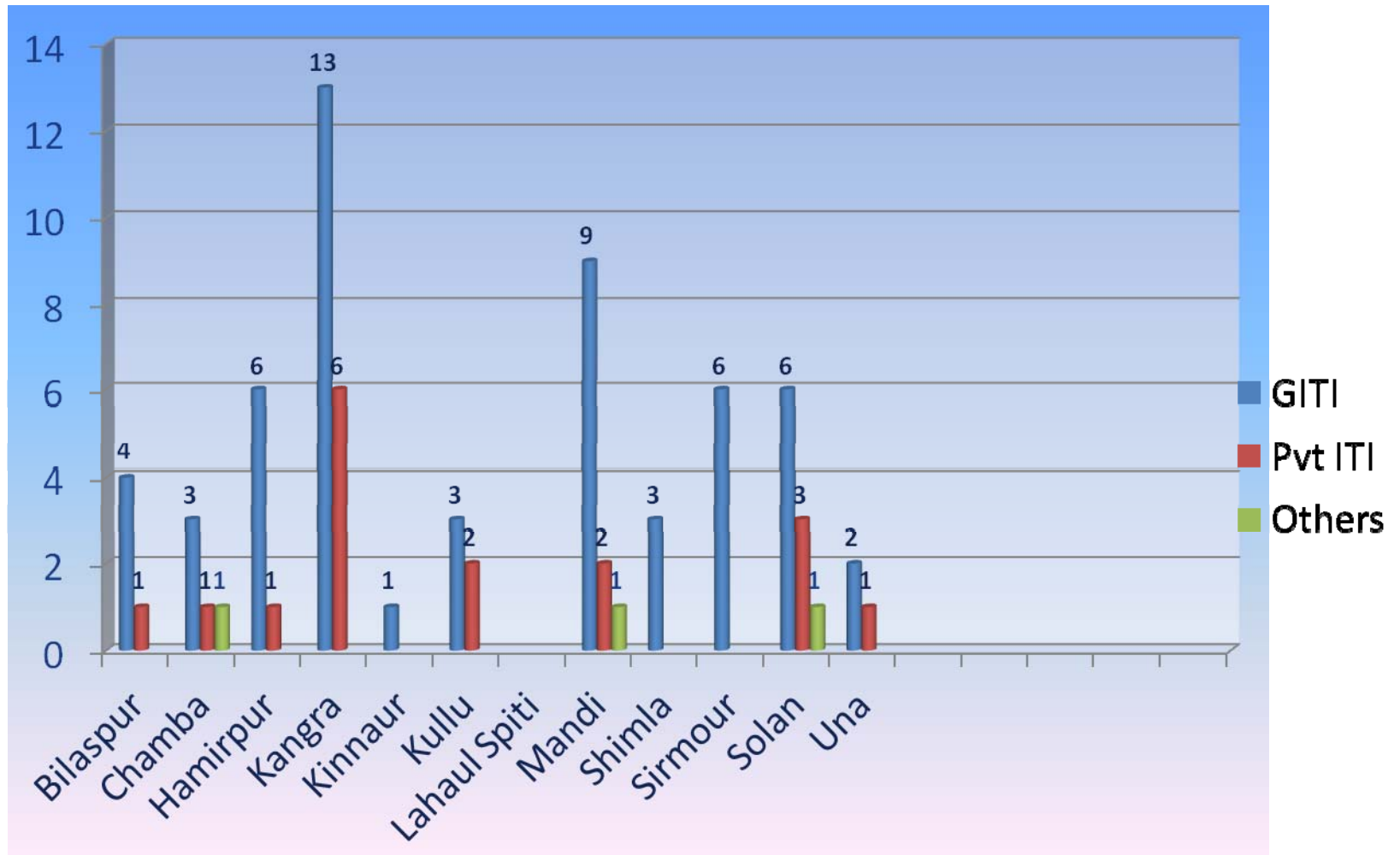
Vocational Training Providers (VTP)

- There are 86 Vocational Training Providers (VTP) registered With DGE&T for implementing MES under Skill Development Initiative Scheme of Govt. of India .
- Out of these 58 VTPs are Govt. Industrial Training Institutes, 28 VTPs are in the private sector.
- Rs.305.21 lacs spent so far against total allocation of Rs.561.82 lacs under the scheme.

Vocational Training Providers (VTPs) in Himachal Pradesh Total=86



District.-wise VTPs



EMPLOYMENT PROFILE OF MES

YEAR	NO. OF TRAINEES ADMITTED UNDER MES	NO. OF TRAINEES PASSED UNDER MES	NO. OF PASSED OUT TRAINEES EMPLOYED
2007 -08	2085		
2008-09	4227		
2009-10	2694		
2010-11	790	14429	5150
2011-12	4633		
Total	14429		

IMMEDIATE ACTION PLAN

- Hydro Engineering College to be established at Bandla in district Bilaspur in collaboration with NTPC. MoU has been signed with the NTPC and a sum of Rs.7.00 crores has been released by NTPC as 1st instalment.(Total contribution from NTPC is Rs.37.5 crores)
- 05 new Govt.Polytechnics will be established in the districts of Sirmour,Bilaspur,Kullu,Kinnaur and Lahul&Spiti. Guest Classes to be started in the mentor Polytechnics from the session 2012-13. This initiative will result in 360 additional seats. 185 posts have been sanctioned for these Polytechnics.
- Establishment of IIIT in district Una. Industrial Partners have given their consent to contribute Rs.15.00 crores for the same. State Govt has provided 132 Acres Land free of cost and further committed to release State share of Rs.35.00 crores.



Thank you