



Implementing Vocational Courses in Secondary Schools in Himachal Pradesh India

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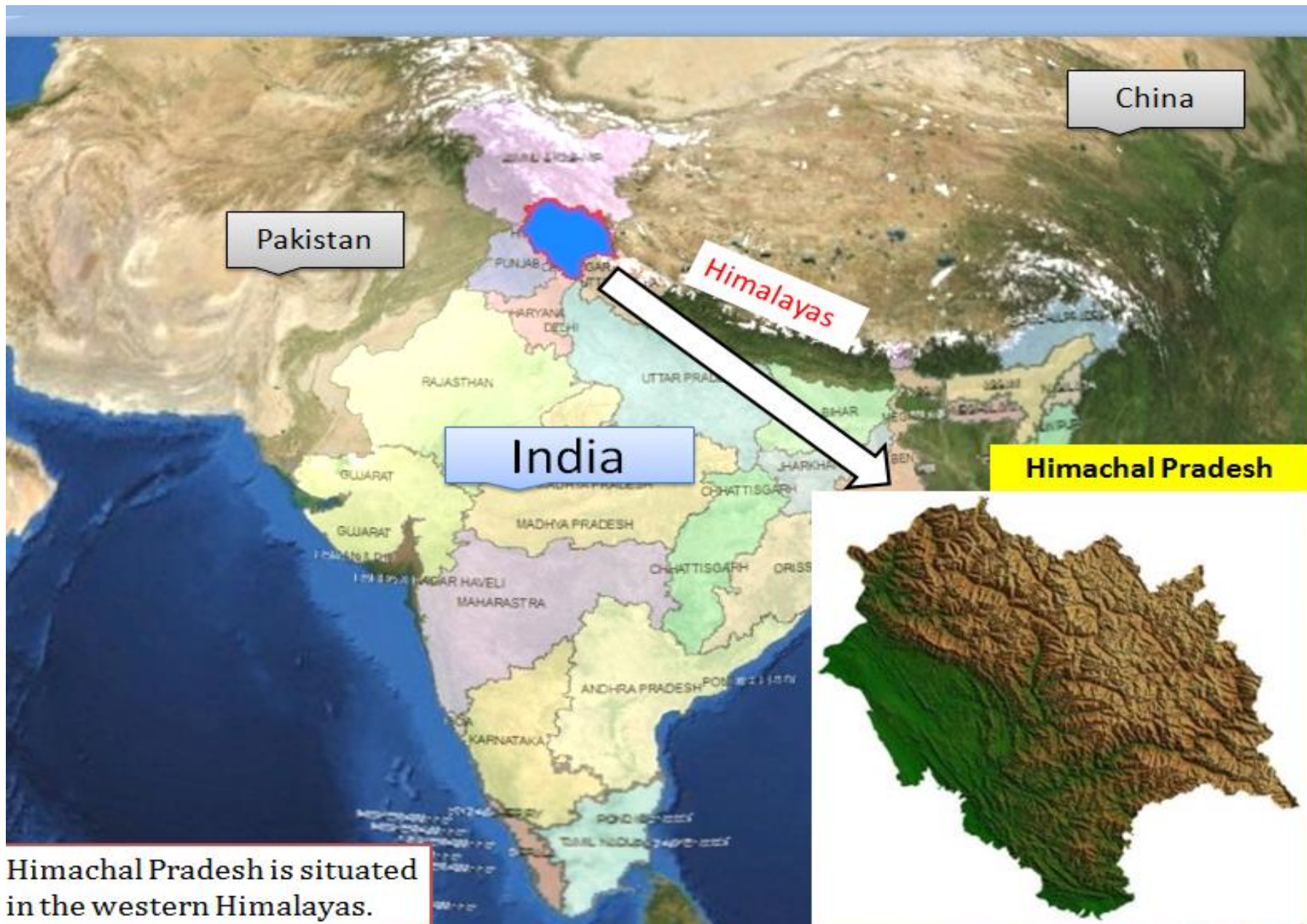
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Himachal Pradesh is situated in the western Himalayas.



Introduction

- **Mission of VE Programme :**
 - **Link Education to Employability**
 - **Make Education relevant to Stakeholders and prepare students for the World of work.**



Objectives of Vocational Courses in Schools

- Improve Employability of students completing these courses
- Reduce school Drop-out rates and improve attendance levels.
- Encourage self employment and Entrepreneurship.



VE Implementation

- 500 government senior secondary schools covered in 3 phases (Grade 9th to 12th).
- Vocational training and counseling imparted by qualified private skills training providers called VTPs empanelled with NSDC and Sector Skills Councils.
- Rs. 116 crore (US\$ 18 Million)for 2015-16 VE Scheme jointly funded by Central and HP Govt. in 75:25 ratio.



VE Implementation Continued....

- Earlier VE Courses/Programme did not allow students to pursue general education
- Students are awarded a diploma by NSDC in addition to regular academic certificate issued by H.P. Board of School Education.
- Ten tripartite agreements have been signed with respective Sector skill councils and VTPs for implementing NSQF aligned Courses.



Subject/ Trade	Phase-I (2013-14)	Phase-II (2014-15)	Phase-III (2015-16)	Total Schools
Automobile	49	40	Nil	89
Healthcare	50	30	128	208
ITeS	50	Nil	80	130
Security	26	20	67	113
Retail	25	10	61	96
Agriculture	--	50	92	142
Tourism	--	50	81	131
Telecom	--	--	91	91
TOTAL	(100 Schools)	(100 Schools)	(300 Schools)	(500 Schools)



Enrolment of Students

Total enrolment of students in 9th to 12th classes in Himachal Pradesh	48,4000
Private Schools Enrolment	111,000
Enrolment in vocational education courses (9th to 12th Grades)	35,000
Schools covered under vocational education	500
Nos. of subjects/courses taught in each vocational school	2
Total Vocational Trainers	600



Vocational Education Process

- Two vocational trainers per subject per school engaged by VTPs.
- 200 Vocational labs/workshops established in 100 schools in 2014-15 for practical training.
- 600 vocational labs in 300 new schools (Phase-III) being established.
- Curriculum framed by N.C.E.R.T's Central Institute of Vocational Education.



Strengths of Himachal VE Model

- Private Sector engagement .
- NSDC engagement /Trade/Sector Skill Councils participation ensure VE is not theoretical, the bane of earlier VE Programmes.
- External Independent assessment of VE Students through Industry Partner.
- Positive feedback of VE Programme from Experts and Public representatives.



Benefit to Students

- VE has ensured alignment with Technical Education. More students motivated to opt for higher level VE & Technical Courses in ITIs/Polytechnics/Industry.
- 80% placement achieved in placement drives, including in reputed companies.
- H.P. is Primarily rural. VE providing new job avenues to school pass outs.
- Students and community upbeat. Perception that VE will enhance employability.
- Helping State to transition from previous job opportunities in the Govt. to jobs in Private Sector.



Challenges

- Quality of labs is an issue.
- VTPs not investing own funds. VTPs depend on Deptt. Funds.
- Target of 200 to 300 teaching hours per course not being complied with at all times.
- VTPs not complying with mandate to provide students with field/industry/ Lab training .
- Need to Scale up Labs.
- Industry Aligned VE still not a reality in Pvt. Sector Schools, which have 22% Senior Secondary Students strength.



The Way Forward

- Scale Up VE in 10 Government Colleges through long term.(1-3 years) Bachelor of Vocational Education (BVOC) Courses (7200 students to be covered).
- Start short term courses aligned to NSQF 6 and 7 in 50 Colleges (13500 students to be covered)
- Regular faculty to be hired for BVOC courses. Short term courses in colleges would be run on Schools model.
- Stronger Oversight and Monitoring of Quality of VE learning is to be ensured through three tier monitoring by Principal, District Coordinators and State Team.



Thank You

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