

Pilot Project under NVEQF

Haryana State Implementation Strategies and Learning's

***MHRD Review Meeting
16th September 2013***

Objective of the Pilot

❑ Mission

- ✓ To Link Education to Employability

❑ Vision

- ✓ To make Education relevant in perception of Stakeholders
- ✓ Prepare adolescent for adult life – Higher Education and World of Work.

❑ Goals

- ✓ Successfully introduce and integrate vocational courses at the Class 9th and 11th in 40 schools in 8 districts
- ✓ Improve employability of the students graduating from these courses.
- ✓ Reduction in school dropout rates and Better attendance

Overview of Pilot under NVEQF in Haryana State 2012-13

This pilot attempts to roll out NVEQF integrated into the School system at select state run schools in Haryana

Target : 4000 students (12-13)

- 8 Districts, 40 Schools, Class IX(L1), XI(L2), Class XII, (L1 &2) only select schools-NCR
- 25-50 Students each in each class/level
- Pilot (L1,L2): $\sim 50 \times 2 \times 40 = \sim 4000$

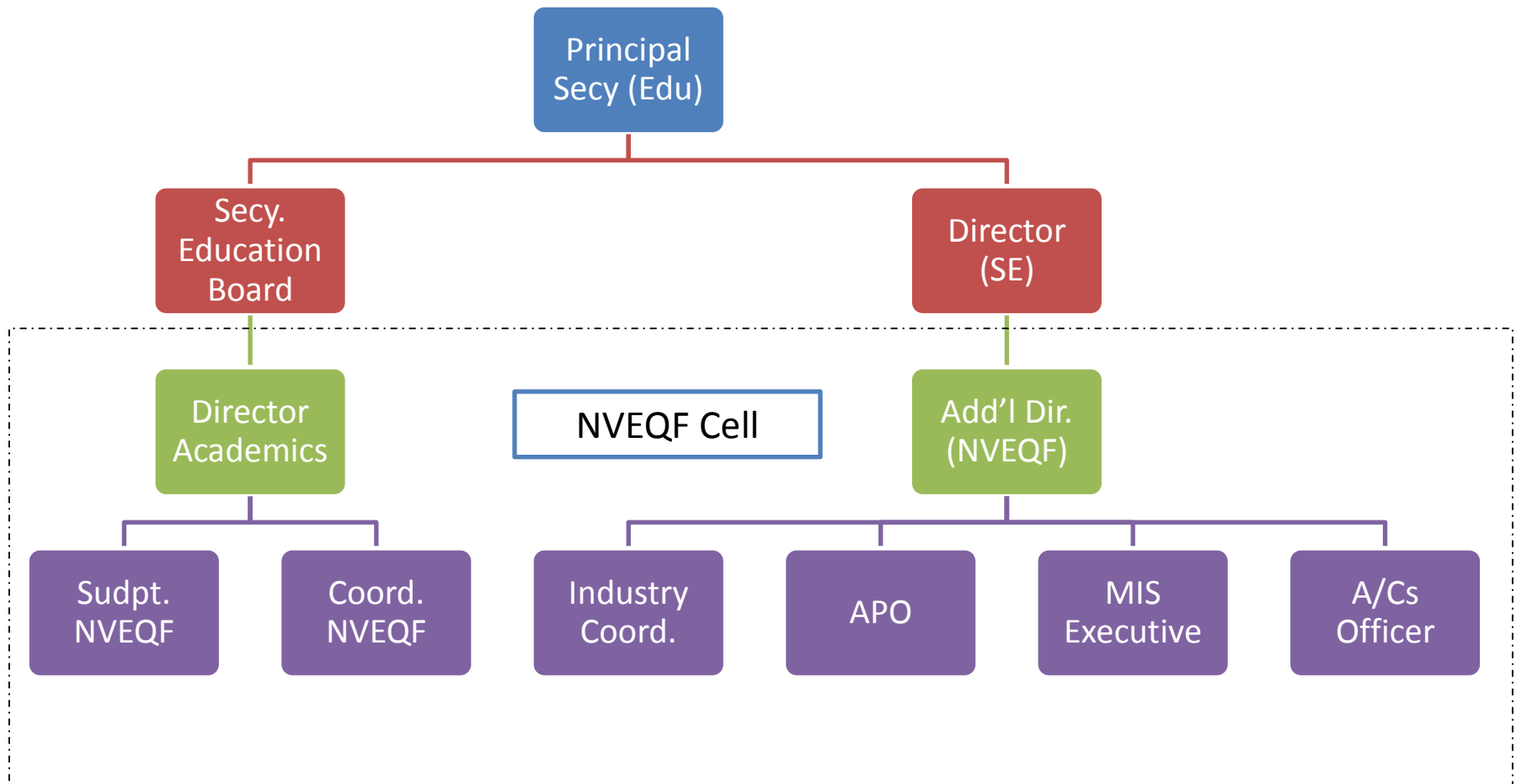
▶ Industry Coverage: 4 Sectors

- Automotive
- IT/ITeS
- Retail
- Security

Roles and Responsibilities

- | | |
|--|---|
| • Approval of Proposal's, Sanction & Guidelines for implementation | : MHRD |
| • Industry Driven Skill Standards (NOS) | : NSDC/ SSCs |
| • Industry Involvement and Mapping Needs | : NSDC/ SSCs+ their designated partners |
| • Curriculum and Courseware | : PSSCIVE, CBSE and Wadhwani Foundation |
| • Program Management Partner | : Wadhwani Foundation |
| • Implementation of the Pilot Project | : State Government |
| • Assessment | : Haryana School Board(support by SSC) |
| • State and District Project Management | : Haryana State Dept. + Wadhwani Foundation |

NVEQF Cell- State & Board



School Mobilization

- ❑ A **detailed exercise** was carried out using the data from the Secondary Education Management Information System (SEMIS) (2010-2011) and District Information System for Education (DISE) (2009-2010).
- ❑ The exercise of facilitating the **REAP** (center for research and experiment for action and policy) Study & School Selection Tools were carried out.
- ❑ **40 Schools** were selected for introduction of this Pilot Project based on the following parameters:
 - ✓ Students Strength,
 - ✓ Proximity of the Industry,
 - ✓ Infrastructure available,
 - ✓ Motivation of the School and Students for Vocational Education, etc.

Curriculum & Content

❑ Curriculum

- ✓ NOS Provided by SSC for one job role
- ✓ Curriculum designed based on NOS

❑ Content

- ✓ Developed by PSSCIVE as nodal agency
- ✓ Other agencies involved: CBSE, Wadhwani Foundation

Human Resources

- ❑ **Selection of quality teachers** and their mobilization plays a very important role as their inputs determine the quality of the program and the students.
- ❑ **Teacher Selection tool** prepared for teacher selection process and criteria.
- ❑ **Teacher Selection Process**
 - ✓ Advertisement in newspaper
 - ✓ Selection panel comprising: State, SSC reps, Wadhwani Foundation, SCERT
- ❑ **Industry Coordinator** One for each domain at State level
- ❑ **Vocational Coordinators** deputed at each school

Training

- ❑ **SCERT- State Council of Educational Research and Training** is the nodal agency for organizing and conducting all the training
- ❑ **Induction Training** to Principals, Vocational Coordinators (School) & Vocational Teachers. The training was focused on orientation about the NVEQF-Pilot Project.
- ❑ **Teacher Training of Level-I, II & III** both domain and Pedagogy.
- ❑ **Training on Industry Linkages** for Vocational Coordinators completed.
- ❑ **Teacher Training for level-III** to start in the last week of this month.
- ❑ All these training programmes were organized by involving **SSC, TCS, WF, IL&FS, DB Tech, Group-IV Security and the Vocational Coordinators (Industry)** of the NVEQF Cell

Lab / Workshop

- ☐ **Classroom size** 10x10 Sq. meter
- ☐ List of the **Equipments** provided by the respective SSC
- ☐ Procurement and set up of Lab done by the school.
- ☐ The broad **guidelines**, Specifications regarding Procurement of Machinery & tools for all skills prepared
- ☐ Labs set up in all the schools

Industry Collaboration

- ❑ **Guest lectures** organized to bridge the World of Studies and the World of Work
- ❑ **Field visits** to help students to relate what they learnt in the class room to the actual work place.
- ❑ **All the schools** have finished their hands on practical training in the Industry for minimum of 7days.

Board of School Education

- ❑ **Board of School Education** Haryana, is the examination and certification authority along with Sector Skill Council (SSC)
- ❑ Categorized as **Applied Learning** and offered as **Optional** (for class 9th & 10th) and **Elective subjects** (class 11th & 12th) .
- ❑ **Assessment Guidelines** finalized in consultation with MHRD, PSSCIVE, NSDC, CBSE.
- ❑ **Marks** of these subjects will be included in the mark sheet
- ❑ **Separate certificate** will be issued jointly by Board and SSC.
- ❑ Level 1 & 2 **Assessment** in conjunction with SSC & Board completed.

Results Declared

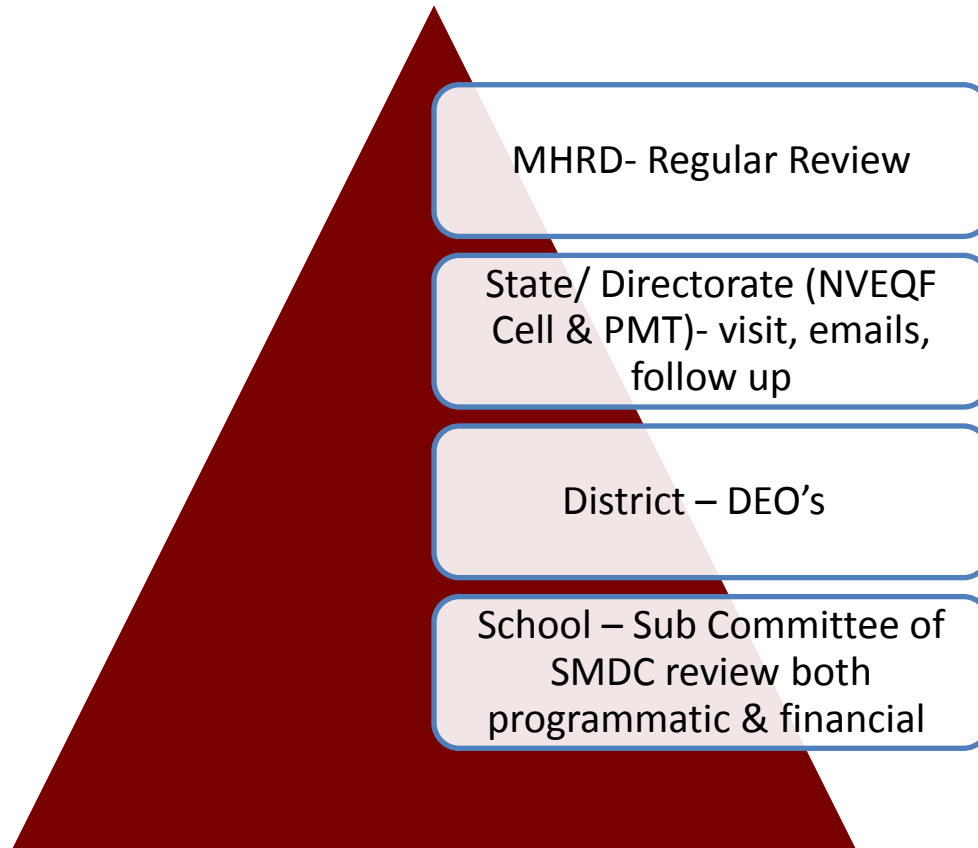
Level 1

Subject	Percentage
ITEs	73.78
Automobiles	95.49
Security	61.29
Retail	89.60
Overall	78.02

Level 2

Subject	Percentage
ITEs	91.40
Automobiles	98.44
Security	96.28
Retail	97.10
Overall	93.72

Monitoring & Evaluation



Employability Skills and Placements

❑ IT/ITes introduced in 18 schools in Class 12 during 2012-13

- ✓ Level-1 and 2
- ✓ 382 students enrolled
- ✓ 128 opted for placement
- ✓ 49 above 18 years age

❑ Placement Status

- ✓ 2 campus interviews, one each in Gurgaon and Faridabad organised.
- ✓ 38 students placed so far in Navigant Technologies, NetAmbit, Spanco etc.
- ✓ Salary range between Rs. 7,000/- and Rs. 12,000/- p.m.

Key Learning's

- ❑ **Mainstreaming Vocationalisation** – rather than separate specialized VET– will increase numbers
- ❑ **Start early** to reinforce importance of skills at a young age
- ❑ **Cross section of districts** – do in urban/rural; industrialized vs. Non industrialized
- ❑ **Industries and jobs** should drive the types of vocational training given
- ❑ **Needed Standard Operating Procedures Manual** of the implementation
- ❑ **Core Employability skills** essential across Sectors
- ❑ **Skills Need Analysis** is the Key Challenge

NVEQF 2013-14

- **Continuation of Pilot -40 schools**
 - ✓ Classes covered- 9th to 12th
 - ✓ Total Students Enrolled- 8107
 - ✓ Recruitment of 80 additional teacher
 - ✓ Lab up gradation L3 & 4

NVEQF 2013-14

- **Expansion – 100 schools**

- ✓ Coverage: remaining 13 Districts
- ✓ 100 schools
- ✓ 3 New Skills – Beauty & Wellness, Physical Education & Sports and Patient Care Assistant – added under Scheme of Studies of Board
- ✓ Curriculum & Courseware developed for Level 1
- ✓ Teachers recruited- Beauty & Wellness and Physical Education & Sports
- ✓ Induction Training Completed
- ✓ Classed started from 2nd September, 2013
- ✓ 1920 Students enrolled in class 9th (Beauty & Wellness/ Physical Education & Sports)
- ✓ Setting up of Lab in progress



GOVERNMENT OF HARYANA

Pilot Project under NVEQF

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GOVERNMENT OF HARYANA

Department Of School Education

Applied Skills implementation as seen through camera



Inauguration of Pilot Project under NVEQF





Student Mobilization & Parents Counseling





Training of Vocational Teachers



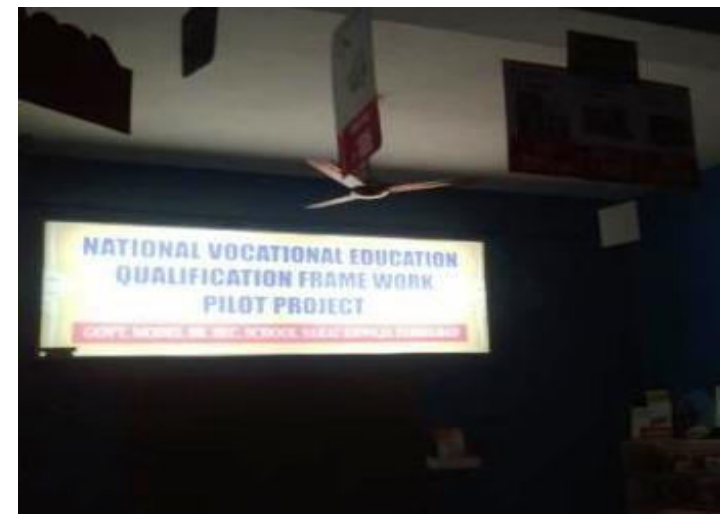
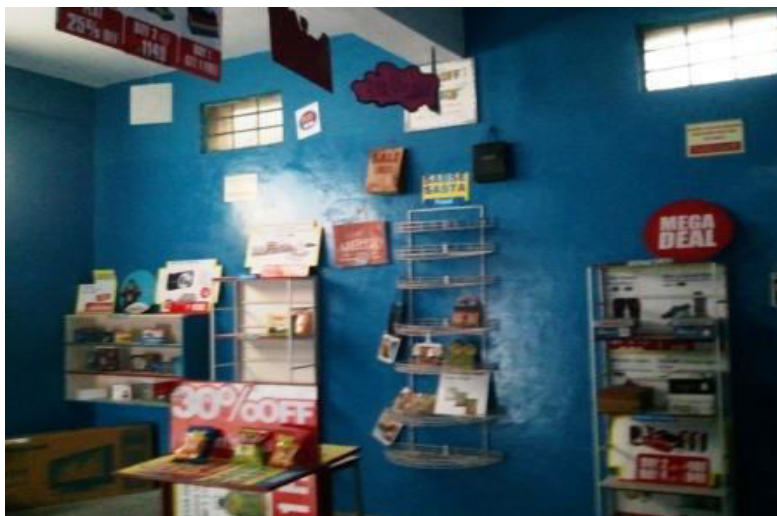


Setting up Labs in Applied Skills _Retail





Setting up Labs in Applied Skills _Retail







Setting up Labs in Applied Skills _Security





Setting up Labs in Applied Skills _Automobile





Review Meetings with field functionaries chaired by Principal Secretary to Government. of Haryana Department Of School Education





Meetings with NSDC , SSCs, WF & Board of School Education for facilitation in the implementation of the Project.







Industry Visit





On the Job Training – Practical Training



Placement: Offer Letter



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RAY OF HOPE.....



Thank You...

Thank You...