

The last session of the day was Panel Discussion on Vocational education in secondary schools and its implications for NVEQF. The panellist for discussion were:

- 1 **Inder Ghelot**, President Saksham Bharat – Delhi
- 2 **Ms. Darshika Sanghani**, Consultant, Wadhvani foundation – Bangalore
- 3 **Dr. Alka Bhargava**, Director (VE) – MHRD, GOI
- 4 **Dr. Nalini Jena**, SASHD Education, World bank, India
- 5 **Dr. Swati Mujumder**, SOES, Pune

Dr Kuldeep Agarwal, Director, Academics, NIOS acted as moderator of the discussion



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Integration of Academic Courses with Vocational Education in Secondary Schools

February 19, 2012



Mrs Francis Ferreira, Education Specialist, Commonwealth of Learning

February 18, Conference Venue: The proceedings of the second day started with the address of Mrs Francis Ferreira, Education Specialist, Commonwealth of Learning, Vancouver, Canada through a video received from her as she could not make it to present in the conference.

- She congratulated Dr. S.S. Jena, Chairman, NIOS for conducting conference on a issue of vital concern for the educational world. She stated that change in life is evident and so are the technologies around us. Technologies are changing very fast and we have to keep ourselves updated in order to harness it and make use of it for skill development.
- She Stated that Open Schools have the Potential to provide equitable access to appropriate learning and life skills programmes.
- Also the dream of everyone today is – Education for all. This is also the goal of Dakar Commission. She further stated that the Secondary level is the bridge between

primary to higher learning and also the starting point to gain any employment.

- She expressed her concern by stating that from the conference some recommendations would come out as to how vocational education can be integrated with academic courses. Also pointed out that NIOS has to play a very vital role by remaining flexible and incorporating the needs of society in preparation of curriculum but lack of enabling policy is still an issue which needs to be addressed.

After her address through video, the proceedings of the second day started with 3rd Plenary Session. This was chaired by Sh Jagadananda, Information Commissioner, Orissa. The theme of the session was 'Designing the Curriculum and Quality Framework to strengthen the impact of Vocational Education at school level. During this session, Mr. Dilip Chenoy, shared his experiences being the MD & CEO, NSDC. Ms Belinda Smith (Consultant) TVET, Australia talked about "Integrating work experience into TVET in schools. Mr. Jagadananda made this session a very interactive one by allowing two way flow of information.



There is a huge Incremental human resource requirement which is creating an unprecedented war for talent. Chenoy MD & CEO (NSDC), India

Learning in the workplace is recognised as enabling students to acquire additional skills and knowledge, including important civic or soft skills

- Ms Belinda Smith (Consultant) TVET, Australia

"Quality Vocational Education can only flow from rural India"

Sh Jagananda
Information Commissioner, Orissa

The following concerns were raised during the plenary session by the participants -

- How to integrate 70% rural India which are involved in agriculture sector in the vocational setup - Sh. Kishan Khanna
- How to develop entrepreneurial skills - Prof. Chauksey, Bhopal
- How to implement Credit Transfer System in Vocational Subjects - Prof. A.P. Verma, NCERT
- How to integrate 1400 modules already available in skills education - Dr. Sharma, HP Board



Thereafter two parallel sessions started. The theme of these sessions were "Designing the Curriculum and Quality Framework to strengthen the impact of Vocational Education at school level" and "Developing framework for the Recognition of Prior Learning & Assessment and Certification Framework". The details of the papers presented were as follows :

Parallel Session IIA - Paper Presentation

Chairperson : Prof. D Harichandarn Director Institute of Distance and Open Learning , Mumbai

Theme: Designing the Curriculum and Quality Framework to strengthen the impact of Vocational Education at school level

Designing the Curriculum and Quality Framework
Ms. Jayalekshmi. S, Kerala

Designing the Curriculum and Quality Framework
Dr. Anil Kumar Gugnani, Chandigarh

Reconceptualising Education : Pull down the curtain between tech-voc and formal education
Dr. Akhila Nand Sharma, Univ. of South Pacific

Refashioning Secondary Education through Vocationalisation
Dr Vivek Nagpal, New Delhi

Industry Participation in VET : Why, What & How
Dr. Tarun Rashtriya, Bareilly (UP)

A Study on Competency Mapping for Trades in Construction Industry
Col. Nishith Behari Saxena, Delhi

Parallel Session IIB - Paper Presentation

Chairperson : Prof. N.K. Ambasth Pro-VC IASE (Deemed Univ)

Theme : Developing framework for the Recognition of Prior Learning & Assessment and Certification Framework

Integrating Academic and Vocational Education: Making the Link through National Vocational Education Qualifications Framework

Dr. Vinay Swarup Mehrotra, Bhopal

Developing Framework for the Recognition of Prior Learning
Prof. R.G. Chouksey, Bhopal

Recognition of Prior Learning Framework In India: "Need of the Hour"

Prof. Nishith Dubey Professor, Bhopal

Development of a policy on recognition of prior learning in Open and Distance Learning

Dr. C. Bhamini , Kerala

Secondary and Vocational Education: Development of Integrated Assessment & Certification Framework.

Madan Kumar Karanam, Hyderabad

Theme - Assessment and Certification Framework

On-line Vocational Competency Testing System to Improve Teaching-Learning and Evaluation

Deepak Shudhalwar , Bhopal



After the parallel sessions were over, Dr Jena invited all the participants for a group photograph.



Thereafter, participants enjoyed the delicious Indian food.



Now this was the time for another brain storming session on "Developing framework for the Recognition of Prior Learning". This session was chaired by Sh. Jagmohan Singh Raju, Jt. Secretary (AE) and DG, NLMA, Govt of India. Ms. Liz Bowen -

Clewley from New Zealand and Ms. Madhu Singh, Senior Programme Specialist, UIL, Germany were the speakers.

The highlight of the presentation given by Ms. Liz Bowen - Clewley was as follows:

- In order to know Recognition of Prior Learning (RPL) competency should be checked.
- The terminology "being qualified varies according to the context".
- Lack of formal qualification does not mean that some one is not competent.
- The critical concepts in assessment are Purpose, Meaning, Text.
- The benefits of RPL is one can capitalise what has been learnt which will save time and resources and it gives formal assessment of previously recognised skill.

The concern shown of the presentation given by Ms. Madhu Singh is as under:

- Building national recognition of prior learning.
- Variety of approaches to the policy and legislative context.
- Difference in use of learning outcomes in the qualification or recognition.
- Considering a good recognition of Prior Learning.
- Different approaches to governance of recognition of Prior Learning.

There is a need of institutionalising RPL to fill a gap both in formal and informal learning.

Sh. Jagmohan Singh Raju, JS (AE) and DG, NLMA

