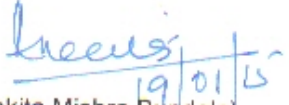


F.No.12-1/2012-VE (Pt.)
Government of India
Ministry of Human Resource Development
Department of School Education & Literacy
RMSA-IV/VE

Shastri Bhawan, New Delhi
Dated : 19. 01.2015

Subject: Minutes of the Second Guidance Workshop on the Implementation of the Centrally Sponsored Scheme of Vocationalisation of Secondary and Higher Secondary Education under Integrated Rashtriya Madhyamik Shiksha Abhiyan.

The Second Guidance Workshop on the implementation of Centrally Sponsored Scheme of Vocationalisation of Secondary and Higher Secondary Education was held on 23rd December, 2014 at NIE Auditorium NCERT, New Delhi. The Minutes of the above workshop are enclosed herewith for kind information and necessary action please.


(Ankita Mishra Bundela)

Deputy Secretary to the Government of India

Encl: As above

To

1. Principal Secretary (Education) (All States/UTs)
2. Director, NCERT, New Delhi
3. Chairman, CBSE, New Delhi
4. Chairman, NIOS, New Delhi
5. Director, Vocational Education, CBSE
6. Joint Director, PSSCIVE, Bhopal
7. CEO, NSDC, New Delhi

Copy for kind information -

1. Secretary (SE&L)
2. Additional Secretary (TE & Project Leader, NSQF, MHRD)
3. Joint Secretary (SE-I)

OUTCOME OF THE
SECOND GUIDANCE WORKSHOP ON THE IMPLEMENTATION OF CENTRALLY
SPONSORED SCHEME OF VOCATIONALISATION OF SECONDARY AND HIGHER
SECONDARY EDUCATION

HELD ON 23RD DECEMBER, 2014
AT NCERT, DELHI

The second Guidance Workshop on the implementation of Centrally Sponsored Scheme of Vocationalisation of Secondary and Higher Secondary Education was held under the Chairpersonship of Smt. Radha Chauhan, Joint Secretary (SE&L) on 23rd December, 2014 at NIE Auditorium NCERT, New Delhi. List of participants are attached as Annexure-I.

Besides taking stock of the progress of implementation of the scheme, the workshop focused on the following:

- a) Discuss and elicit comments/suggestions on the draft Discussion Paper on Guidelines for incentivizing Government and recognized Private Schools for introducing vocational education under the Centrally Sponsored Scheme of Vocationalization of Secondary and Higher Secondary Education.
- b) Review of the status of curriculum development under the scheme.
- c) Seek inputs from stakeholders for developing Management Information System for tracking vocational students under the scheme.
- d) Examine the State/UT wise compliance as regards scheme of subjects mandated under the Scheme.
- e) Seek feedback on the Qualification Packs developed by NSDC with special reference to students with special needs and tribal communities.

At the outset a brief presentation was made by Ms. Ankita Mishra Bundela, Deputy Secretary, MHRD on the key developments in the sphere of vocational education during past 3 years including the issue of the revised Scheme of vocational education, issue NVEQF and its assimilation into NSQF, launch of pilot in Haryana, subsuming of the scheme under RMSA, its revision with a view to align it with NSQF, Notification of Sector Skill Council (Education) and launch of the Credit Framework.

In her opening remarks, Chairperson of the workshop, Smt. Radha Chauhan, Joint Secretary (SE&L), highlighted the need to comply with the National Skills Qualification Framework as per the timelines prescribed. She informed that a National Skills Registry is being developed at the national level and after 2016 only the skills registered will be recognized /sponsored by the Government of India. She called upon the State governments to leverage the window of opportunity that has been opened by the Ministry in the field of vocational education. While emphasizing the need for greater engagement of the industry in training and assessment of skills of students, she urged the industry representatives to

come forward and partner and guide the initiatives the Government towards implementing vocational education. She also highlighted the importance of quality assurance and concerted team work towards change management.

AGENDA I - SUGGESTIONS ON THE DRAFT DISCUSSION PAPER ON GUIDELINES FOR INCENTIVIZING GOVERNMENT AND RECOGNIZED PRIVATE SCHOOLS FOR INTRODUCING VOCATIONAL EDUCATION

Smt. Ankita Mishra Bundela, Deputy Secretary, in her presentation shared the draft Discussion Paper (which was also circulated amongst the participants) on the guidelines for providing performance based incentive to Govt. aided and recognized private schools for introduction of vocational education under the CSS of VSHSE. It was emphasized that the guidelines are a work in progress .Inputs as received form the States/UTs and other stakeholders will be duly factored in . It was informed that the Draft guidelines will also be uploaded on the website for public view and will also formally communicated to the States and UTs for comments and suggestions after which they will be finalized.

Copy of the Discussion Document placed at **Annexure 2**.

During discussions following suggestions were offered by the Participants:

- a) The performance based incentive scheme may be first piloted in one or two States before launching it nationally.
- b) For drawing parity, States like Maharashtra, West Bengal, Uttar Pradesh which have large number of aided schools may be sanctioned more schools under the provision in comparison to States drawing funds under the scheme for government schools.
- c) Since the provision is proposed to implement through Boards, in view of the thin attendance of representatives from State Boards of Education in the workshop, it was suggested that they should be consulted separately.
- d) It was suggested that workshop should be organized to sensitize National / State Boards of Education and Associations of private and aided schools about the existing provision. Platforms already available like the Council of Boards of School Education in India (COBSA) may also be utilized for the purpose.
- e) Approval may be given for schools in advance and not after two years so that the schools can accordingly plan and invest in infrastructure etc.
- f) Rs. 1500/- proposed as incentive for the students may be also given as fee concession.
- g) Schools located in Special Focus Districts and those in rural areas should be given preference.
- h) With a view to ensure quality, in case schools do not adhere to the norms, a disqualification clause should be included.
- i) Efforts should be made to cover maximum schools possible instead of concentrating on few schools.

AGENDA II- REVIEW OF THE STATUS OF CURRICULUM DEVELOPMENT UNDER THE SCHEME.

Dr. V. S. Mehrotra Head of NSQF Cell, PSSCIVE in his presentation informed that PSSCIVE is in the process of developing competency based curricula for 59 job roles in 17 sectors. Student workbooks and teacher handbooks for Class IX (NSQF level 1) for 21 job roles have been developed and uploaded on the website of PSSCIVE for comments and are expected to be finalized soon. Curricula and courseware for Level 2 to 4, is at various stages of development.

During discussions it was pointed out that :

- a) The curricula and courseware development by PSSCIVE needs to be accelerated to keep pace with the efforts to scale up the scheme and growing demands for coverage of various job roles from the States/UTs.
- b) PSSCIVE was advised to complete the work of development of curricula and courseware for the 15 job roles approved in 2013-14 under the Scheme latest by Jan 2015 so that they can be offered to the students from the next academic session.
- c) As envisaged in the scheme, it was emphasized that during the process of development of curricula and courseware consultation with the industry was mandatory to ensure that all aspects of job roles are adequately covered in the syllabi.
- d) It was observed that currently the process of seeking inputs from industry /Sector Skills Councils on the curricula and courseware is not standardized leading to delays and communication gaps in certain cases. PSSCIVE and NSDC were advised to jointly formulate a procedure with clear timelines to facilitate timely and effective feedback from the Sector Skills Councils on curricula and courseware.
- e) PSSCIVE was advised to give due credence to the feedback provided by the industry and duly incorporate their comments and suggestions while finalizing the curricula and courseware.
- f) It was observed with concern that while a large number of popular and much demanded Qualifications Packs issued by the Sector Skills Councils remain uncovered, PSSCIVE is taking up the development of curricula and courseware for 'non NOS aligned job roles'. PSSCIVE was advised to first take up the development of curricula and courseware of the NOS aligned Qualification Packs as mandated by the National Skills Qualification Framework.
- g) It was observed that there's been a duplication of work between PSSCIVE and CBSE as regards curriculum development. A cohesive approach needs to be adopted amongst various academic bodies to avoid duplication of work.
- h) Delay in development of curricula and courseware allotted to CBSE under the Scheme was noted with concern.

- i) Requirement for establishing a Resource Centre for curriculum and courseware development at the national level to provide scale and speed to the work of curriculum development was also voiced by the participants. Representative from the Wadhvani Foundation offered to prepare a Concept paper in association with PSSCIVE to this effect.

AGENDA III-SHARING GOOD PRACTICES IN THE IMPLEMENTATION OF THE SCHEME

The State Representatives from Maharashtra and Himachal Pradesh shared implementation plan and strategies regarding implementation of the scheme.

The State Government of Maharashtra explained in detail the convergence model adopted by them. They informed that the detailed Resolution issued by the Government clearly lays down the roles and responsibilities of different stakeholders including Directorate of Secondary Education, Maharashtra State Board of Secondary and Higher Secondary Education, Maharashtra Board of Examination of Vocational Education and schools implementing vocation education under the Scheme .It was informed that the revised scheme of subject offers vocational education as one of the 6 subjects at the secondary level in lieu of 2nd and 3rd language as per the choice of the students . To promote vocational education special incentives are also being provided for students opting for vocational education.

The State of Himachal Pradesh informed vocational education is a high priority area for the State and that the State had taken up a Vocational Training Provider (VTP) based model of program implementation through a tripartite agreement between Department of Higher Education, NSDC and VTP's in June - 2013. While implementing the scheme emphasis was laid on effective time tabling, involvement of local industry organization, effective counseling of students and parents. Vocational education was offered in normal and fast track mode (wherein syllabi of two levels was clubbed). On the basis of experience it is now being offered only in normal track mode.

AGENDA IV -INDUSTRY ENGAGEMENT AND ISSUE OF QUALIFICATION PACKS (QPS)

Shri Shahnawaz, representative from NSDC gave a detailed presentation on the Qualification Packs developed by the Sector Skills Councils at various levels and the efforts made by NSDC to enter into partnership with various States including Himachal Pradesh, Karnataka and Punjab for implementation of the Scheme. He informed that 31 Sector Skills Councils are functional and 346 Qualifications Packs at level 4 have been issued by the SSCs. HE emphasized the need for the States to follow the skill gap analysis while selecting trades to avoid a situation of over subscription of few trades Detailed list of Qualification Packs was circulated amongst all the participants for comments.

During the discussions following points emerged:

- a) Need was voiced for setting up Industry Advisory Boards at the State level for roping in the industry for facilitating internship, training , assessment, of skills of students .
- b) It was stated that as the scheme gears up for scaling the band width of the Sector Skills Councils also needs to be substantially enhanced to meet their obligations.
- c) New and emerging Sectors like optical fiber, cyber security, forensic science, and early childhood care may be explored.
- d) Concern was also expressed regarding the need to lay down standards for assessors and the process of assessment to measure the learning outcomes / competencies.

AGENDA V - MANAGEMENT INFORMATION TOOLS FOR TRACKING VOCATIONAL STUDENTS

Professor Suniti Sanwal presented the Draft Management Information Tools developed by PSSCIVE to comprehensively capture disaggregated data regarding vocational students at the national level. It was informed that 'information lay out' will be utilized to collect institutional, student and teacher information pertaining to vocational education and would be merged with UDISE from 2015-16. It was stated that the data base will help in tracking the progression pathways of the students and also placements. It will assist in detecting any duplication as details of students are proposed to be linked to the Aadhar.

It was suggested that since UDISE is an exhaustive data base, the MIS may be made lean containing only the essential details and though the Scheme provides for flexi funding for teachers and resource persons and a dedicated cadre of vocational teachers is yet to emerge, information on teachers may be included.

AGENDA VI - REFORM IN THE SCHEME OF SUBJECTS BY STATE BOARDS OF EDUCATION

Under the CSS vocational subject is to be taught as an additional (6th) subject at the secondary level and as a compulsory elective at the higher secondary level. The Revision of scheme of subjects initiated by various State Boards of Education in the in accordance with the scheme norms was reviewed.

In her presentation, Ms. Gauri Kalra stated that in order to create clear pathways for developing skill proficiency within the school education system and to raise the stature of vocational education at par with other subjects it is important to assign sufficient teaching and learning hours to the vocational subject.

It was pointed out that Central Board of Secondary Education covering the States and UTs of Sikkim, Delhi, Chandigarh, Arunachal Pradesh and the States Boards of Haryana, Maharashtra, Jammu and Kashmir, Punjab, Assam, Uttrakhand have taken steps to reform the scheme of subjects in alignment with the scheme guidelines. The State Boards of

Karnataka , Madhya Pradesh and Himachal Pradesh while adopting the competency based curricula and courseware continue to offer vocational education as a 7th subject at the secondary level. While offering vocational education as a 7th subject , the State Board of Chhattisgarh has provisioned for tabulation of result on the basis of marks obtained in best six subjects . However the States of Uttar Pradesh, West Bengal, Karnataka, Rajasthan, Andhra Pradesh, Telangana, and Odisha have yet to initiate process of change of scheme of subjects.

It was emphasized that offering vocational education as a 7th subject will not only lead to over burdening of students but will also pose difficulties in providing adequate teaching learning hours for the subject. It was suggested that a separate meeting of representatives of State Board of Education may be convened to create greater awareness and compliance on the above issue.

The Workshop ended with a vote of thanks to all the participants.

Annexure - I

List of Participants of Guidance Workshop on Implementation of Centrally Sponsored Scheme of Vocationalisation of Secondary & Higher Secondary Education under National Skills Qualifications Framework held on 23rd December, 2014 at NCERT, New Delhi

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1.	Smt. Radha S Chauhan, IAS Joint Secretary Department of School Education and Literacy, Ministry of Human Resource Development (MHRD), Government of India, Shastri Bhawan, New Delhi-110 115
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4.	Ms. Gauri Kalra Consultant (VE & Skill Development, RMSA), Department of School Education and Literacy, Ministry of Human Resource Development (MHRD), Government of India, Shastri Bhawan, New Delhi-110 115
5.	Prof. Santosh Mehrotra Professor and Former Director-General, IAMR, Centre for Informal Sector & Labour Studies School of Social Sciences, Jawaharlal Nehru University, New Mehrauli Road, New Delhi 110067
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27.	Mr. Naga Prasad Tummala Chairman and Co-founder,	

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31.	Prof. Asfa M Yasin Head, Centre for International Relationship, PSS Central Institute of Vocational Education, NCERT, Shyamla Hills, Bhopal	
32.	Prof. Saurabh Prakash Head, Department of Engineering and Technology, PSS Central Institute of Vocational Education, NCERT, Shyamla Hills, Bhopal	
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96.	Dr. L.K. Jha DEO Vocational Branch Headquarter, Jhandewala, Karol Bagh, New Delhi	
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DRAFT DISCUSSION PAPER ON
PROVIDING INCENTIVE TO GOVERNMENT AIDED AND RECOGNIZED PRIVATE
SCHOOLS FOR INTRODUCTION OF VOCATIONAL EDUCATION UNER CSS OF VSHSE

Introduction

The revised scheme of Vocationalisation of Secondary and Higher Secondary Education approved by the Cabinet on 12th February, 2014 provides incentive to the Government aided schools and recognized private schools to introduce NOS compliant vocational education courses in accordance with the norms of the Scheme. This is a step to ensure active and effective participation of government aided schools and recognized private schools in promotion of vocational education at secondary and higher secondary level.

Under the scheme it is proposed to release grants to the government aided and recognized private schools @ Rs. 6500 per child on successful completion of any two levels of the course by the students in accordance with the norms of the scheme.

Implementation Agency

It is proposed to implement the provision for grant of incentive to Government aided and recognized private schools for introduction of vocational education through National and State Boards of Education.

Eligibility

In order to be eligible for consideration the schools should adhere to the scheme guidelines including the following:

- The schools should introduce vocational education as an additional sixth subject at Secondary level and as a compulsory elective at Senior Secondary Level as provided for in the Scheme.
- The schools should adopt curriculum compliant with National Occupational Standard (NOS) and for job roles as notified by the Sector Skills Council and adopted by State Boards of Education.
- The schools should involve the industry for providing hands on training and for assessing the skills sets of students at all levels as provided in the Scheme and as advocated in the National Skills Qualifications Framework. The Boards of Education may engage with the Sector Skills Councils and their State chapters /National Skill Development Corporation in this regard.

Selection of Schools

While selecting schools National/State Board should give preference to Government aided schools particularly those located in Special Focus Districts,

educationally backward blocks, left wing affected districts and districts with high drop-out rates at secondary level.

Student Coverage

Incentive will be provided for a maximum of 100 students per school who acquire the desired competencies i.e. those who successfully complete level 2 and level 4 of NSQF.

The National / State Board of Education and the schools should ensure that 25% of the students for whom incentives are being granted to the government aided and private schools under the Scheme are children belonging to socio-economically weaker sections i.e. (SC/ST/OBC/Minorities/Students with Special Needs/Students below poverty lines. Out of these, 50% should be girls).

Guidelines for performance linked Incentives

- The National/State Boards will be the Nodal agency to receive applications from schools affiliated to the respective Boards and submit consolidated proposals after necessary scrutiny and with clear recommendation through State Education Department for consideration of the Ministry. The incentive is proposed to be released through the State Treasury to the National/State Boards of Education and thereafter to the schools. Thus the Boards shall be responsible for release of the incentive to the Government aided and private schools affiliated with them. The Boards will also ensure adherence of the scheme guidelines by the schools receiving performance linked incentive.
- The National / State Board of Education shall assess the skill sets of the students in partnership with the industry in accordance with the guidelines of the Scheme. Thereafter the Board on the basis of the performance/ result of the students over a period of two years, shall submit a proposal including details of schools and eligible students to the Ministry as part of the Annual Work Plan and Budget of the State for consideration approval by the Project Approval Board for release of performance linked incentive.
- In order to attract the students to vocational education, it is proposed that a part of the incentive i.e. Rupees 1500/-out of Rupees 6500/should be necessarily be passed by the schools to the students in the form of Scholarship/Cash incentive on successful completion of two levels of vocational education. The funds are to be transferred electronically to the Bank Accounts of the students who are eligible for the incentive. It shall be the responsibility of the school to ensure that all students being proposed for incentive have proper bank accounts.

- The schools should inter alia utilize the incentive for :
 - i. Procurement of infrastructure
 - ii. Engagement of Resource persons
 - iii. Cost of engaging with the industry ,practical training of students in work place
 - iv. Assessment and Certification cost
 - v. Guidance and Counselling
- It is proposed to allow the National/State Boards to retain 5% of the incentive per student as processing fee. The State Board/National Board will ensure and certify that the Schools adhere to the norms of the scheme with special reference to job roles, NOS compliant curriculum , industry engagement etc and fulfil the eligibility criteria .
- Funds for incentivising government aided and private schools may be restricted to a maximum of 15 % of the budget allocated for the vocational component of RMSA and can be incrementally increased.

Tracking of Vocational Students Covered

- It is proposed to track the students covered under the provision through a comprehensive data base linked to Aadhar. The State should provide a list of schools along with details of vocational students and their Aadhar no. for which the incentive is proposed to be received. A National level MIS is being developed for tracking of vocational students. The details of all students assisted through these incentives will be a part of this MIS to enable tracking and placement of these students.

Third Party Monitoring

A third party Monitoring of Government aided and private schools receiving performance linked incentive under the scheme , shall be carried out on a yearly basis and those schools which are found not adhering to the prescribed guidelines , shall not be entitled to further funding under the Scheme.