

F.No.1-4/2011-VE (part)
Government of India
Ministry of Human Resource Development
Department of School Education & Literacy
Shastri Bhawan

New Delhi, dated the 30th, October, 2012.

Sub: - Forwarding of Minutes of the Meeting of the Project Approval Board in respect of the Centrally Sponsored Scheme of Vocationalisation of Higher Secondary Education held on 11th October, 2012, Shastri Bhawan.

Please find enclosed herewith Minutes of the Meeting of the Project Approval Board in respect of the Centrally Sponsored Scheme of Vocationalisation of Higher Secondary Education held on 11th October, 2012 under the Chairmanship of Secretary (SE&L) for information and necessary action.

This issue with the approval of Secretary (SE&L)

Ankita
30/10/12

Ankita Mishra Bundela
Deputy Secretary to the Government of India

As per list attached.

DS(VE)
LO
21/10/12

30th October, 2012

MINUTES OF THE MEETING OF THE PROJECT APPROVAL BOARD HELD ON 11TH OCTOBER, 2012

A Meeting of the Project Approval Board under the scheme "Vocationalization of Higher Secondary Education" was held under the Chairmanship of Secretary (SE&L), in the Conference Room of Shastri Bhawan.

In the meeting, proposals from eight states for the year 2012-13 were taken up for consideration. These include Andhra Pradesh, Karnataka, Orissa, Uttar Pradesh, Sikkim, Bihar, Manipur and Himachal Pradesh. Representative from Arunachal Pradesh could not attend the meeting whereas the state of Mizoram requested for some more time to be able to submit a cogent proposal.

Besides the above, proposals from PSSCIVE and CBSE were taken up for consideration under the provisions of the Scheme.

List of participants is placed at Annexure 1

1. HIMACHAL PRADESH

Sh. K. Sanjay Murthi, Principal Secretary Education, Government of Himachal Pradesh, made a brief presentation on the proposal of the state for introducing Vocational Education in 100 new schools and strengthening Vocational Education in 25 existing schools. He explained that convergence at the district level with ITIs for providing skill training on a cluster based approach is being envisaged. Further, keeping in view the profile of the state, vocational education in horticulture and tourism sectors needs to be imparted. He raised concern regarding availability of adequately trained vocational teachers and their capacity building.

- It was observed that in the proposal submitted to the Ministry, the state has proposed imparting vocational education in 12 trades for new schools and in 6 trades for strengthening existing schools. The state was requested to reduce the number of trades and opt for at least 2 sectors where National Occupation Standards, curriculum and course material is available i.e. Retail, Automobile, Security and IT/ITeS, in each school.
- As regards the existing courses it was clarified that it is not possible to fund courses patterned on the old scheme. As such the State should select courses from the 4 sectors mentioned above for strengthening existing 25 vocational education schools.

- As regards horticulture and tourism, the State was requested to indicate the exact job roles under the two sectors. NSDC was requested to take up the development of NOS for the job roles indicated by the state on a priority basis.
- State was also advised to link up with NSDC to leverage the potential of non-governmental organizations working in Himachal Pradesh which are being funded by the NSDC for imparting skill training in the above sectors.
- It was further clarified that under the scheme only 2 courses can be sponsored per school as against 4 to 5 proposed by the state.
- The State was advised to endeavor to closely involve industry in selection of schools in various districts and in mapping of trades with the schools.
- The State was requested to submit information on how exactly the infrastructure and resources available with the ITIs are proposed to be utilized for skill training in the automobile and IT sector and how the certification and assessment of the courses shall be done by the State Education Board.
- As regards training of teachers, the State was advised to indicate fund requirement for teacher training as the same was not provided in the proposal submitted. Further the State was requested to tie up with PSSCIVE, Bhopal for teacher training modules and materials.

Subject to the submission of information as above, the PAB in principle approved an amount of Rs. 4463.00 lakhs for introduction of vocational education in 100 new schools in Himachal Pradesh. It was agreed to release Rs. 1025.00 lakhs as 50% of non-recurring expenditure.

It was decided that since assembly elections have been notified in the state the actual release of funds will be subject to the approval of Election Commission of India.

2. KARNATAKA

Shri G. Kumar Naik, Secretary Education, Karnataka made a brief presentation indicating introduction of Vocational Education in 250 government schools for 2500 children in IT, Retail Security and Automobile trades as these sectors have a significant industrial presence in the state. He informed that a dedicated NVEQF Cell has been set up along with State level committee under the Chairmanship of Education Minister to monitor the implementation of NVEQF. Further the state has taken up the introduction of Vocational Education from class 9 onwards in 100 schools in line with NVEQF after obtaining necessary approval from Government of India. The state proposed to engage teachers from a HR agency and involve industry and private partners for recruitment and training of teachers and also for providing career counseling to the students.

- It was observed that the proposal of providing Vocational Education as an additional subject in view of work education/ art and creativity was not acceptable as under the revised scheme, Vocational Education requires to be mainstreamed with General Education. It should be opted by students in lieu of

one of the existing compulsory subjects. It was felt that the offering Vocational Education as an additional subject would over burden the students and compromise the quality of output. The State was advised to revisit the proposal and revert back.

- As regards duration of courses, it was stated that the course in each standard should be at least of 200 hours instead 120 to 150 hrs as proposed by the State Government or else the quality of the course will be compromised.
- The State was requested to clarify the public private partnership envisaged in the implementation of the scheme and indicate the specific tie ups with the Automobile, Retail and IT & ITeS industry regarding imparting skill training to the students and also the methodology proposed for assessment and certification.
- It was also pointed out that since under the scheme only Arts colleges have been proposed, it is not understood as to how without basic knowledge of science, the course on automobile can be run in these colleges. The State Government was advised to rethink the same and revert back with the list of schools indicating choice of trades.
- Further, an amount of Rs. 283.51 lakhs is pending with the State Government released under the old scheme. Utilization Certificate for the same needs to be furnished.
- PSSCIVE was requested to compare the Notification of NCTE for PGT Teachers in IT with the qualifications proposed under the Scheme and revert back.
- The State Government was requested to furnish their revised proposal based on above observations at the earliest, to the Ministry of HRD.

PAB in principle approved an amount of Rs. 14565.00 lakhs for introduction of vocational education in 250 new Schools in Karnataka subject to provision of satisfactory information on all the above points and submission of UC for the outstanding funds. PAB approved amount of Rs. 4170.00 lakhs be released as 50% of non-recurring expenditure.

3. BIHAR

Sh. D. Singh Bist, CEO Bihar Board of Open Schooling and Examination, made a brief presentation on introduction of Vocational Education in 200 schools and strengthening existing 91 vocational education schools. He informed that skill gap analysis has been conducted for the State with the assistance of NSDC. Consequently the State has identified 100 courses spread across 21 sectors to be implemented in PPP mode. The State has also identified skill training providers and ITIs which will be associated in imparting skill training to the students. State shall issue certificates by involving the industry. It was indicated that trades in which NOS are prepared will only be implemented in the schools.

- It was pointed out that the proposal submitted by the State in June 2012 varies significantly from the presentation made in the PAB meeting.

- The need expressed by the State for imparting vocational education courses in Agriculture and Allied sectors and in Tourism Sector was taken note of.
- It was clarified that as proposed, funds cannot be provided for new construction under the component of strengthening of vocational schools. Funds are available @ 1.5 lakhs per school for minor repairs in case of strengthening existing vocational schools.
- Further, the scheme envisages 50 children per Vocational Course i.e. 25 students each in class XI and XII and 2 Vocational Courses per school as against 3 Vocational Courses and 50 children per course per school proposed by the State.
- Utilization certificate for an amount of Rs. 197.06 lakhs is pending with the State which needs to be settled before any funds can be released to the State for the current financial year.

The state was requested to submit a revised proposal factoring in the above observations and indicating the details of schools and the trades in which vocational education is proposed to be provided along with details of tie up with skill training providers and the modifications to be effected in the State Board for mainstreaming vocational subjects. The commitment regarding provision of state share also needs to be indicated.

4. ODISHA

Dr. Nalinanya Prasad Dash, Deputy Director Vocational Education, Orissa, in his proposal sought financial assistance under the Scheme for strengthening 187 existing 'Government Vocational Junior Colleges'. He informed that the schools are teaching trades with curriculum and course material as provided under the old scheme.

- It was clarified that funding for vocational trades as provided under the 'old Scheme' cannot be provided under the 'revised Scheme'. The basic objective of the revised scheme is to mainstream vocational education and enhance the employability of youth through demand driven competency based modular vocational courses. Therefore, the State needs to opt for the 4 trades where NOS's and curriculum and courseware have been developed.
- Further as already clarified in the last PAB Meeting held on 07.02.12, funding to 'dedicated vocational schools and junior colleges' is not available under the revised scheme as it defeats the basic objective of NVEQF.

The State was requested to re-work the proposal according to the revised scheme and resubmit the same to the Ministry of HRD.

5. UTTAR PRADESH

Shri Partha Sen Sharma, Secretary Secondary Education, Government of Uttar Pradesh made a brief presentation on introduction of Vocational Education in 100 schools in Uttar Pradesh. The trades selected by Uttar Pradesh include: Retail, Security,

Automobile, and Mobile repairing, Hospitality/Tourism and Travel and Nursery Teacher Training. The State sought assistance from PSSCIVE for training of teachers and development of curriculum for three trades in which the National Occupation Standards are not ready. Secretary Education, Uttar Pradesh, clarified that only those schools have been selected where infrastructure already exists; as such limited funds have been requested for civil works. Certificates shall be awarded by the Secondary Education Board, Uttar Pradesh. The vocational trade will be taught as one of the 6 optional subjects at the high school level.

- The State was requested to define the job roles in Hospitality & Tourism /Travel sector. NSDC was requested to coordinate with Himachal Pradesh and Uttar Pradesh for early development of NOSs for the job roles in the tourism and travel sector.
- The State was requested to submit the name and location of the schools proposed along with details of trades proposed to be taught in each school.
- The state was advised to conduct skill gap analysis and identify skill training providers in association with local industries.
- As regards Nursery Teacher Training, it was suggested that keeping in view the NCTE Regulations on Nursery Teachers, it should not be taken up.
- It was suggested that in the beginning preferably government schools should be selected.
- As regards evaluation the State was advised to emphasize more on skill component.
- It was pointed out that the State has not sought for funds under the head of vocational teachers. Only provision for guest faculty has been made. PSSCIVE was requested to assist the State as per their requirements in training of teachers.

PAB approved an amount of Rs. 2123.00 lakhs for introduction of vocational education in of 100 new schools in Uttar Pradesh subject to information based on above observations being provided by the State. PAB approved an amount of Rs. 500.00 lakhs to be released as 50% of non-recurring expenditure proposed by the state.

6. ANDHRA PRADESH

Shri B. Guna Sagar, Deputy Director Intermediate Education, Andhra Pradesh, made a brief presentation on the introduction of vocational education in 46 new schools across 23 districts. The list of schools along with component wise break up of financial assistance sought was provided by the State. It was informed that vocational education would be provided in Automobile, Retail, Security, IT, Home science and Paramedical sectors. The Vocational courses shall be introduced as an optional subject in class XI and XII. The State has developed revised curriculum and new text books for the above and proposes to give training to the teachers through its newly established staff training academy. In the first phase districts which are industrial and commercial hubs has been selected. AP has EDUSAT facility and satellite based

curriculum transactions shall also be put into use selectively. Assistance will also be sought from State Institute of Vocational Education.

- It was suggested that agriculture, home science and paramedical sectors as covered under the old scheme should be currently dropped from the list of trades as the NOS of the job roles for these sectors NOS are yet to be prepared.
- As regards curriculum and course pertaining to Automobile, Security, IT & ITeS, and Retail sectors prepared by the State, PSSCIVE was requested to examine the same and ensure that it is in line with the curriculum prepared at the national level. The State has the option of accepting the curriculum evolved under the Haryana Pilot for the 4 above mentioned trades.
- It was clarified that funding will be providing only at the rate of two trades per school with 100 children per school (25 children in each trade in class XI (50) and class XII(50)). Further, funding will be provided only for the trades (job roles) where NOS and competency based curriculum is available. The recurring funds will be released when the next academic session begins in 2013-14.
- The State was requested to provide details of linkup with the skill training providers particularly in the automobile sector.
- It was clarified that no skill training should be provided 'online' through EDUSAT etc. Skill training should be only 'hands on'.
- As regards civil works, it was clarified that the unit cost rate would apply as of now and the provision of state schedule of rates will be considered at the time of the revision of the centrally sponsored scheme of Vocational Education.
- Assistance will be provided at the rate of 100 children per school for two trades only.

PAB approved an amount of Rs. 2668.33 lakhs for introduction of vocational education in 46 new schools in Andhra Pradesh subject to clarifications being provided on the above observations to the PAB. The PAB approved an amount of Rs. 767.28 lakhs to be released as 50% of non-recurring expenditure.

7. SIKKIM

Smt. Deepa Bawnet made a presentation on the behalf of the Government of Sikkim wherein she stated that the funds are being sought for funding Vocational Education in 44 government schools operating under the CBSE Board in 10 trades offered by the CBSE Board. It was stated that as regards teachers, persons from outside the State are not permitted to be engaged. Tourism & Hospitality, Agriculture, horticulture, Health and family welfare, IT and Marketing have been identified as important sectors for skill development.

- It was clarified that funds under the scheme cannot be released for financing trades taught under the old scheme. The State was advised to indicate at least two sectors per school, out of Retail, Automobile, Security and IT & ITeS which are relevant to the State. Smt. Deepa stated that the State would be keen on implementing the trades in IT & ITeS and Retail in the above 44 schools subject

to the condition that CBSE shall take up the assessment and certification of the same. The State was requested to send a written communication along with the list of schools and details of trades proposed to be taught in each school. CBSE agreed to do the needful on its part to assist the Sikkim Government in their endeavor in 44 schools.

- It was pointed out that the proposal does not include the teacher training component. The same needs to be added in order to ensure quality output.

PAB in principle approved an amount of Rs. 2529.56 lakhs for establishment of 44 New Schools in Sikkim subject to the furnishing of above information by the State. PAB approved the release of Rs 733.92 lakhs as 50% of non-recurring expenditure for the above 44 schools.

8. MANIPUR

Dr. J. Suresh Babu, Principal Secretary Education, Government of Manipur, requested for financial assistance for introduction of Vocational Education in 21 schools.


- It was pointed out that 21 trades indicated by the State for 21 school, is not only very large in number but these are the ones offered under the old scheme for which NOSs are not available. The State was advised that in lieu of "computer technique" the job role under IT & ITeS for which NOS & curriculum is ready can be opted for. Besides this one other trade out of Retail, Security, and Automobile can be chosen by the State. State was advised to submit a list of schools along with trades and number of children proposed to cover in each school.
- The State was also requested to indicate as to how the vocational subjects are proposed to be mainstreamed in the general education, tie up with ITIs for imparting skill training and commitment of the State to provide proportionate share of funds.
- UC for an amount of Rs. 28.42 lakhs is pending for the funds released under the Old scheme.

PAB approved an amount of Rs. 1207.29 lakhs for introduction of vocational education in 21 new schools in Manipur subject to submission of information as above including UC for the amount outstanding.

Further PAB approved to release Rs. 350.28 lakhs as 50% of non-recurring expenditure.

9. PANDIT SUNDERLAL SHARMA, CENTRAL INSTITUTE OF VOCATIONAL EDUCATION (PSSCIVE), BHOPAL

Dr. Vinay Swarup Mehrotra, Assistant Professor, PSSCIVE presented a proposal for release of funds for development of competency based curriculum and learning materials and conduct of In-service training and Induction training for Vocational



teachers. For the year 2012-13 Rs. 30 lakhs were proposed for Curriculum Development & Instructional Material for 15 Modules, Rs. 18.7 lakh for In-service Training of 10 batches of Teachers and Rs 38.7 lakh for Induction training of 10 batches of Teachers.

- It was clarified that the release of the proposed funds will be linked to 'deliverables' and 'output' rather than 'process'. PSSCIV was requested to clearly indicate the job roles for which curriculum will be prepared along with time line and the details of manpower required for the same.
- The PAB also decided that job roles & curriculum should be prioritized to sectors which the State Government have articulated namely agriculture, horticulture, tourism, hospitality, mobile repairing, health care givers, media & entertainment, financial services and management etc.
- The PAB also advised PSSCIVE to draw on CBSE & State and other Agencies' efforts at curricular development for VE courses. NSDC representative was requested to develop the required NOS's urgently.
- On teacher training, the PAB decided that while funds for training of teachers would be given to States, the module development & capacity building of key trainers could be supported by PSSCIVE for which funds can be allocated to PSSCIVE.

PAB in principle approved an amount of Rs. 87.40 lakhs for PSSCIVE for the year 2012-13 subject to submission of details as indicated above. The fund releases to PSSCIVE would be linked to output and performance.

10. CENTRAL BOARD OF SECONDARY EDUCATION

Sh. Biswajit Saha, Programme Officer Vocational ,CBSE presented a proposal for strengthening the Vocational Education Cell in CBSE under the revised scheme for an amount of Rs 334.34 lakhs in the current financial year.

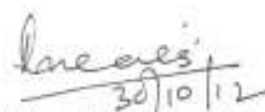
CBSE was requested to clearly indicate the capacity building exercises that they would be required to render to schools for roll out of NVEQF based curriculum & teacher training and to give details of manpower required for the same.

PAB in principle approved an amount of Rs.54 lakhs for curriculum development and Rs 55.47 lakhs for teacher training subject to satisfactory submission of details as indicated above. The actual release of funds will however be linked to output/performance.

All the States were requested to submit details regarding the below mentioned points in their project proposals.

1. Methodology of mainstreaming vocational education with general education.
2. Arrangements made by the States in respect of tie up with skill training providers /ITIs etc. at the school level.
3. Framework of assessment and certification to be adopted by the respective State Board in regard to vocational courses including skill assessment by Sector Skill Councils/Industry.
4. Information regarding steps taken to involve the local industry.
5. Commitment of the States to provide necessary State share.

The Meeting ended with a vote of thanks to the Chair.



Ankita Mishra Bundela
Deputy Secretary to Government of India
Vocational Education

Copy to

1. All State Representatives/ Participants

Annexure-1

List of participants:-

1. Shri R. Bhattacharya, Secretary, (SE&L), MHRD
2. Ms. Vrinda Sarup, Additional Secretary, (SE&L), MHRD
3. Ms. Radha Chauhan, JS (SE-1), MHRD
4. Ms. Ankita Mishra Bundela, DS (VE), MHRD
5. Shri Anil Kakria, DS Finance, MHRD
6. Shri G. Kumar Naik, Secy. Pr. & Secondary Education, Karnataka
7. Shri. K. Sanjay Murthy, Secy. Education & Technical Education, H.P.
8. Dr. J. Suresh Babu, Principal Secretary Education, Manipur
9. Shri Partha Sen Sharma, Secy. Secondary Education, U.P.
10. Shri D. Singh Bist, CEO Bihar Board of Open Examination, Bihar
11. Mrs. Dipa Basnet, Director, HRDD, Sikkim
12. Shri Rajiv Roka, D.D. Vocational, Sikkim
13. Shri B. Gnana Sagar, Dy. Director, Intermediate Education , Andhra Pradesh
14. Shri C.V. Purushotam, Special Officer, NVEQF, Karnataka
15. Dr. Vishnukant S. Chatpalli, Chairman, NVEQF , Karnataka
16. Nuln. Raja Sutradar, Assistant Director, Intermediate Education, Andhra Pradesh
17. Shri Basab Banerjee, Head Statistics & QA, NSDC
18. Dr. V.S. Mehrotra, Associate Professor, PSSCIVE, Bhopal
19. Dr. Biswajit Saha, Programme Officer, CBSE
20. Shri Basudeo Yadav, Director Sec. Education, U.P.
21. Dr. Nalinaxya Prasad Dash, Dy. Director, Vocational Education, Odisha
22. Shri Ranjan Yumnam, Additional Director Education, Manipur
23. Shri G.K. Lal, Odisha
24. Shri Brajesh Kumar Ojha, Dy. Director Secondary Education, Bihar
25. Dr. Girija Nand Chauhan, Technical Officer, Higher Education, H.P.