

## **MAJOR COMPONENT- Vocational Education**

### **SUB-COMPONENT- Introduction of Vocational Education at Secondary and higher Secondary**

#### **ACTIVITY MASTER- Recurring Support VE - Existing**

#### **ACTIVITY- Recurring Support VE – Existing**

### **1.Progress Report in r/o Vocational Education-2019-20**

The Project Approval Board, MHRD, approved the activity under Sub Component Special Projects for **Introduction of Vocational Education at Secondary and Sr. Secondary** of Major Component - **Vocational Education**

#### **Details of Activity:**

**Outreach: Total** 21 Schools of all 13 districts have organized the **Internship for higher secondary students, Skill Competition, In service training of trainers, Guest Lecture, Industrial Visits** programme:

Total no of Schools participated: 21  
Total no of Student participated: 770  
Total no of Teachers participated: 42

(Fin. In lac)

<b>Approved as per PAB 2019-20</b>		<b>Achieved in 2019-20</b>	
<b>Phy.</b>	<b>Fin.</b>	<b>Phy.</b>	<b>Fin</b>
<b>Recurring Support VE - Existing</b>			
In service training 21 schools	<b>1.1</b>	5 days In-service training of 42 Vocational Trainers across 21 Schools	<b>0.105</b>
Skill Competition	<b>3.22014</b>	Skill Competition organised in 21 schools	<b>3.22</b>
Internship ( senior secondary level)	<b>4.485</b>	770 students have undergone internship for a period of 10-15 days	<b>4.365</b>

		during 2019-2020 summer/winter vacations	
Guest Lecture	<b>55.00</b>	1004 Guest lecture in academic year 2019-20 ( L1 to L4)	<b>12.60</b>
Industry Visit	<b>52.8</b>	136 Industry visit in academic year 2019-20( L1 to L4)	<b>50.40</b>
Financial Support for Vocational Teacher/ Trainer	<b>134.64</b>	Payment of remuneration to VTPs	<b>67.76161</b>
Office Expenses/ Contingencies	<b>44.00</b>	Expenditure incurred to meet the contingency for existing schools	<b>42.00</b>

### Recurrenting Support for Vocational Education (New)

(Fin. In lac)

<b>Phy.</b>	<b>Fin.</b>	<b>Phy.</b>	<b>Fin</b>
43 schools	159.32	38	54.43546

### Highlights of academic year- 2019-2020

#### Internship for Higher Secondary students – Highlights of 2019-2020

Internship is an essential feature of National Skill Qualification Framework (NSQF). It lets students acquire hands on skill training by working real time in a relevant organization.

There are around **25,000+** students in class **11<sup>th</sup> and 12<sup>th</sup> in 2019-2020 batches**, out of which approximately **6454** students have undergone internship for a period of 10-15 days during 2019-2020 summer/winter vacations and beyond. The major objectives of the internship were:

1. Understand the world of work.
2. Make informed career choices.
3. Learn concepts effectively by applying them practically.
4. Gain confidence in finding employment.
5. Students get used to observing punctuality, etiquettes, and formalities of any work place.

6. Organizations are actively engaging students without any idle hours.

The overall response from the VTs and Employers has been very positive. Further the results at the student level look very promising – Students have gained lot of confidence and are more informed about their career opportunities. They got familiar with the work environment and culture and are now confident in conducting themselves at workplace. It has been observed that other students were also inspired from the internship students and have shown keen interest and excitement in taking-up internship.

**Key Accomplishments:**

- Quality facilitation of internship on ground through capacity building of Vocational Trainers and Vocational Coordinators during in service trainings and other organized gathering for orientation.
- Regular monitoring through field visits and online data collection to track student's attendance and work details.
- Internship competition was organized for class XII students to share their experience of internship in the form of report (PPT/Word/Project File/video) and it had to be submitted in the online platform. Out of the received entries, 5 top entries from each trade were shortlisted and were awarded prize and certificates.
- A State Level Internship Celebration Event was organized where all the important key stakeholders like vocational trainers, Head of the school, employers and winners of Internship competition and their parents were called and given recognition for their contribution in the same.



***Students involved at different workplaces during Internship.***

### **Success Stories:**

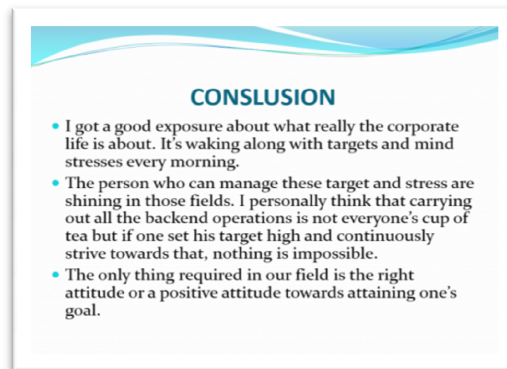
- **Internship Event:** First time in vocational, a grand Internship event was organized to recognize the important key stakeholders for their contribution in facilitation of internship on ground. In the event, around '1500' key stakeholders (Vocational Trainers, Head of the School, Employers/Internship Providers, Students, Parents, and Officials from Education Department and Industry people) were present. Event was graced by Shri Manish Sisodia, Honorable Deputy CM and Education Minister of Delhi. The event gave the key message on shifting the mind-set towards vocational education and an appeal to industry stakeholders to depute more interns from Delhi Government schools.



*Glimpses of Internship Event*

- Internship Competition:** Around 800+ entries were received from students across five trades IT/ITES, Financial Markets Management, Automobile, Retail and Travel and tourism. Students shared multiple creative forms of reports like Power point presentation, Project Files, Video etc. Out of each trade top ten entries were shortlisted and awarded with certificates while top five were given cash prize too in the Internship Event.





### ***Internship Competition glimpses of certification and reports by students***

#### **Multi Skills Foundation Course- Highlights of 2019-2020**

Multi Skill Foundation Course is a two year multi-skill job and life skills training program, integrating vocational training with secondary and higher secondary school curriculum and introducing school students to the “World of Work” during grades 9th and 10th.

This multi-skill program covers four Sections:

1. Basic Engineering (welding, carpentry, fabrication, plumbing etc.).
2. Energy and Environment (Electrical wiring, solar energy, bio-gas).
3. Home and Health (nutrition, hygiene, basic health care) / Food Processing Techniques.
4. Gardening, Nursery and Agriculture Techniques.

The course was proposed in 7 schools out of 21 schools as security trade replacement also mentioned in the table in the annexure 1. It has started in all the schools and is functional. Labs set up are in progress and will be completed by February 2020. Hence the proposal is to continue the course.

As an initiative a mobile lab/workshop bus named as ‘Skills on Wheels’ equipped with all the necessary tools and equipment for the Multi Skills Foundation Course was sent to schools for orientation of the course by Facilitators who demonstrated practically to students and spread awareness on vocational education in the school.



*Caption: Students getting hand on in Multi skills equipment during 'Skills on Wheels' Visit.*

### **In-service Training of Trainers**

The In-service training of 42 Vocational Trainers across 21 schools in 4 vocational courses was organized in two phases.

**The Phase I of three days** in-service Training of Vocational Trainers was organized at **CBSE Regional office** (Central board of Secondary Education, Rouse Avenue, New Delhi by Vocational branch from 2nd July to 4th July 2019.

**The phase II of two days** in-service Training of Vocational Trainers was organized at SKV no 2, Madipur, New Delhi from 6th January to 7th January 2020. The Master Trainers were provided by CBSE and the training was organized by Vocational Branch, Education Department, and GNCT of Delhi.



### Skill Competition 2019-20

School level skill competition was conducted in all the 21 schools. 36 Student winners were selected at the school level for final round. The final round couldn't be conducted timely as the Board exams started and then pandemic situation aroused. Following students were selected as winners:

S. No.	Trade	No. of Winners	Class
1	IT/ITeS	36	9 <sup>th</sup> and 11 <sup>th</sup>
2	Retail	20	11 <sup>th</sup> and 12 <sup>th</sup>
3	Automotive	8	12 <sup>th</sup>
4	Security	12	10 <sup>th</sup>
5	Total	76	9-12 <sup>th</sup>





Retail Students of class 11<sup>th</sup> and 12<sup>th</sup> participating in Skill Competition



**NSQF is implemented in the following 21 Government schools from class 9<sup>th</sup> to 12<sup>th</sup>:**

S.N.	School ID	Name of the School	Information Technology	Automobile	Retail	Multi Skill Foundation Course
1.	1002005	SBV, West Vinod Nagar, Delhi	Yes	----	--	Yes
2.	1002034	JDSK, Ph-II, Mayur Vihar, Delhi	Yes	----	Yes	---
3.	1104149	RPVV, Yamuna Vihar, Delhi	Yes	Yes	---	---

4.	1106019	SKV, Mandoli, Delhi	Yes	----	Yes	---
5.	1207039	GGSSS No. 1, Roop Nagar, Delhi	Yes	----	Yes	---
6.	1207022	GBSSS No.1, Mori Gate, Delhi	Yes	Yes	----	---
7.	1309001	SBV, C.C. Colony, Delhi	Yes	---	---	Yes
8.	1309034	G.G. Sr. Sec. School, Adarsh Nagar, Delhi	Yes	---	Yes	---
9.	1411008	S.V. Pitampura, FU Block, Delhi	Yes	Yes	---	
10.	1411043	G.G. Sr Sec School, Rani Bagh, Delhi	Yes	---	Yes	---
11.	1514005	SBV No.1, Tilak Nagar, Delhi	Yes	Yes	---	---
12.	1515026	GGSSS No.1, Tagore Garden, Delhi	Yes	---	Yes	---
13.	1617009	RPVV, Paschim Vihar, Delhi	Yes	Yes	---	---
14.	1618018	SKV, A-Block, Janakpuri, Delhi	Yes	---	Yes	---
15.	1719102	Sarvodaya Co-ed SSS, Netaji Nagar, NewDelhi	Yes	---	---	Yes
16.	1720031	RPVV, B-1, VasantKunj, Delhi	Yes	---	---	Yes
17.	1821015	SKV No.2, Palam Village, Delhi	Yes	---	Yes	---
18.	1821001	SBV No.2, Palam Enclave, Delhi	Yes	---	---	Yes
19.	1924038	RPVV, Lodhi Road, TyagrajNagar, New Delhi	Yes	---	Yes	---
20.	1924004	GBSSS, Jangpura, New Delhi	Yes	---	---	Yes
21.	2026005	SBV, JorBagh, New Delhi	Yes	---	Yes	---

\*Security has been replaced by Multi Skills Foundation Course from 2019-2020. Security trade is obsolete from 2020-2021.

List of 43 schools approved in the year 2019-20 for implementing single trade of Health Care, Beauty & Wellness and Retail sectors in class 9<sup>th</sup>-10<sup>th</sup>.

S. NO.	School Id	SCHOOL NAME	Trade
1	1002022	KALYANPURI SKV MOTHER TERESA	Beauty and Wellness
2	1002036	Mayur Vihar, Phase I, Pkt.IV-SKV	Beauty and Wellness
3	1002175	Trilokpuri, Block 27-GGSSS	Beauty and Wellness
4	1003027	Gandhi Nagar, No.1-SKV	Beauty and Wellness
5	1003030	Rani Garden-GGSSS	Beauty and Wellness
6	1003153	Radhey Shyam Park- SKV	Beauty and Wellness

7	1104022	Khajoori Khas-SKV	Beauty and Wellness
8	1104023	Yamuna vihar block b no.1 ggsss	Beauty and Wellness
9	1104024	GSKV,C-2,YAMUNA VIHAR	Beauty and Wellness
10	1106023	Dilshad Garden, Block J&K-SKV (St. Eknath)	Beauty and Wellness
11	1106116	GGSSS A-Block Nand Nagri	Health Care
12	1106119	Nand Nagri, Block A-GBSSS	Health Care
13	1207036	SKV BURARI	Beauty and Wellness
14	1208015	Sarai Rohilla-SKV	Beauty and Wellness
15	1309254	Jahangirpuri, Block A, No.2 - SKV	Health Care
16	1310034	BADLI SKV	Beauty and Wellness
17	1310036	Narela, No.1-SKV	Beauty and Wellness
18	1411007	Pitampura, Block ZP- Sarvodaya Co-ed SSS	Beauty and Wellness
19	1411034	Wazirpur, J.J. Colony-SKV	Beauty and Wellness
20	1412024	Mangolpuri, Block H - SKV	Beauty and Wellness
21	1412025	Mangolpuri, Block D-SKV (Kamdhenu)	Beauty and Wellness
22	1412131	Nithari-GGSSS	Beauty and Wellness
23	1515030	Raghubir Nagar, J.J. Colony-GGSSS	Health Care
24	1516030	Prem Nagar-GGSSS	Beauty and Wellness
25	1617013	Nangloi, Sultanpuri Road-SKV	Beauty and Wellness
26	1617223	Govt. Sarvodaya Bal Vidyalaya,Nihal Vihar, Nangloi	Health Care
27	1720121	Inder Puri, Shahid Captain Amit Verma Govt. Sarvodaya (Co-ed) Vidyalaya	Beauty and Wellness
28	1821017	Sagarpur, No.2-SKV	Health Care
29	1821018	Palam Enclave, No.1-SKV	Beauty and Wellness
30	1822063	Najafgarh, No.1-GBSSS	Health Care
31	1923060	Dr. Ambedkar Nagar, Sector IV, No.3-GGSSS	Beauty and Wellness
32	1925035	Noor Nagar-SKV	Beauty and Wellness
33	1925038	Kalkaji, No.2-SKV	Beauty and Wellness
34	1925041	Kalkaji, DDA Flats, Phase II-GGSSS	Beauty and Wellness
35	1925042	GGSSS NO.1, BADARPUR	Beauty and Wellness
36	1925060	Govt. Sarvodaya Kanya Vidyalaya (Shyama Prasad Mukherjee) - Chitranjan Park New Delhi	Beauty and Wellness
37	1925248	Badarpur, No.3-GGSSS	Beauty and Wellness
38	1411034	SKV, J.J. COLONY WAZIRPUR	RETAIL
39	1309013	GBSSS No.1, Adarsh Nagar Delhi-33	RETAIL
40	1411022	GBSSS, J.J. COLONY, WAZIRPUR, DELHI-52	RETAIL
41	1413079	GBSSS Karala Delhi-81	RETAIL
42	1618005	SBV NO-2 C-BLOCK JANAKPURI NEW DELHI-58	RETAIL
43	1719070	Govt. S(Co-Ed) SSS., Sec-6, R. K. Puram N.D.	RETAIL

## **2.Proposal for Vocational Education in AWP& B-2020-21**

The Education Department, Government of NCT of Delhi is implementing Centrally Sponsored Scheme of Vocationalisation of Secondary and Higher Secondary

Education (CSS-VSHSE) in Delhi and is committed to implement the Vocational Education scheme (NSQF) by integrating Vocational Education with Academic Course, to enable the students to earn their livelihood and lead a quality life.

There are 917 Higher Secondary schools under Directorate of Education (DoE) and the Education Department, GNCT of Delhi desires to introduce the Vocational Courses under the CSS-VSHSE in all 917 DoE schools in a phased manner.

The proposal is to introduce Vocational Education under CSS-VSHSE in **100 new** DoE schools in **Phase 3** and **continue** the scheme in **21 Schools** in **Phase 1** (started in the academic year 2014-15) and **43 schools in Phase 2** (started in academic year 2019-2020) from class IX (Level-1) to class XII (Level-4) under Centrally Sponsored Scheme "Vocationalisation of Secondary & Higher Secondary Education" during Academic year of 2020-21.

**Objective:**

**Phase- 1:**

**22 schools were approved** in the year 2014-15 where two out of four trades (Automotive, IT, Retail, Security) are offered in each school.

Out of 22 approved schools, **1 school (IT and Security trade) got transferred** to Central Govt. as Kendriya Vidyalaya, and **21 schools are currently implementing** the CSSVSE scheme. **7 Security trade schools** were proposed to phase out and it got replaced with **Multi Skill Foundation Course (MSFC)** from class 9<sup>th</sup> onwards in the year 2019-20. It is proposed that the Vocational Education under CSSVSE is continued to be offered in **21** govt. schools of GNCT of Delhi.

It is proposed to **Conduct Job Fair/ Rozgar Mela** to facilitate better career opportunities for our students. An amount of **Rs. 1000 per student** is proposed to organise Rozgar Melas for **709** students of class 12<sup>th</sup> wherein various employers from diverse streams and sectors would be invited to offer placement, internship and

apprentice opportunities to the interested and eligible students. An amount of **Rs. 7.09 lac** is proposed for **709 students** at the rate of **Rs.1000** per student.

#### **Phase- 2:**

**43 schools were approved** in the year **2019-20** where only one trade out of three (Beauty & Wellness, Healthcare, Retail) is offered in each school.

Out of 43 approved schools, **only 38 schools could enrol students** as VTP engagement got delayed, and the remaining 5 schools will be implementing the scheme with proper students' enrolment from the next academic session of 2020-21.

Currently the Proposal is submitted for implementation of **43govt.** schools under recurring and Non-recurring head.

#### **Phase- 3:**

It is proposed to introduce **100 new schools** this year in the existing 8 trades of IT/ITeS, Travel and Tourism, Automotive, Financial Market, Beauty and Wellness, Healthcare, Multi Skill Foundation Course, Retail.

The school list with respective trades is attached in Annexure 2.

#### **Vocational Education: Project Innovation Proposed**

##### **Start-up Tool Kit for grade 12<sup>th</sup> students:**

It is proposed to provide a "**Start-up Tool kit**" to class 12<sup>th</sup> graduating students for the existing trades that would be given as motivation to students to engage in further learning in Vocational education and maybe also to start something on their own. An amount of **Rs. 20,000 per student** is proposed to design and distribute the kits for **709 students** after the students pass the class 12<sup>th</sup>. An amount of **Rs.141.8 lacs** is proposed

to provide Start-up kits to our 12th Grade students to engage in further learning in Vocational education and maybe also to start something on their own.

### **Orientation of Principals:**

It is proposed to organise and conduct Principal Orientation for all the schools. It is observed that school principals are a key stakeholder in all school level vocational activities viz. class room training, lab setup and practical, hands-on trainings, Guest Lecture, Assessment and Certification. Therefore it is very essential to properly orient each and every HoS with the program components, conduct workshops with them to enhance their understanding of program and their role. An amount of **Rs.2500 per schools** is proposed to organise and conduct a state/district/zone level orientation program for HoS of **164** schools. An amount of **Rs.4.1 lacs** is proposed to conduct Orientation of Principals for all (existing and new) **164 schools**.

Therefore, an amount of **149.5 lacs** is proposed as Project Innovation in Vocational Education for 2020-21.

### **Enrolment in schools:**

- Total **3752** students are enrolled in 21 schools. Out of which **3584** students are enrolled for NSQF in **21 schools** in the year 2019-20 in classes IX, X, XI & XII across four trades IT/ITES, Automobile, Security and Retail and **168** students are enrolled in Multi skills Foundation Course in class IX in introduced in schools as replacement Trade in place of Security Trade.
- Total **1406** students are enrolled in **38 schools**, out of the **43** approved schools in year 2019-2020. Hence, the proposal is to continue in all **43** schools in 2020 – 2021.

### **Proposed Activity:**

To implement Vocational education in **164 (21+43+100)** govt. schools

- Internship of Higher Secondary Students. An amount of **Rs.1500** is proposed to conduct quality internship for higher secondary students for **1728 students** at higher secondary students.
- In-service Training of Trainers for **85 trainers**.
- State Level Skill Competition at the rate of **Rs.14063** is proposed for **64 schools**.
- Orientation of Principals for new and existing **164 schools** at **Rs.2500** per school
- Rozgar Mela for class 12<sup>th</sup> students. An amount of **Rs.1000** per student is proposed to organise Job Fair/ Rozgar Mela for class 12<sup>th</sup> students.
- “Startup Tool Kit” of **Rs.20,000** for each class student upon successful completion of class 12<sup>th</sup> exams.
- To introduce Vocational education in **100** new govt. school.

### **Strategy:**

#### **The overall strategy is:**

1. To continue implementing quality Vocational Education in 21 Schools of Phase 1 from 9<sup>th</sup> to 12<sup>th</sup> standard.
2. To implement quality VE in 43 Schools approved last year in Phase 2 in 9<sup>th</sup>& 10<sup>th</sup> Standard.
3. To introduce Vocational Education in 100 new schools in Phase 3 in class 9<sup>th</sup> in the year 2020-21.

### **Justification:**

#### **A) For VE Existing - 64 (21+43) existing Schools (9<sup>th</sup>-12<sup>th</sup>)**

**Recurring Head Proposal for 64 schools (9<sup>th</sup>-12<sup>th</sup>)**– With the objective to provide opportunity to provide quality training to more students with learning from the last academic session, it is proposed to **provide a separate amount of Rs. 1500 specific for internship** to motivate and mobilize students and prospective employers

be allocated. Rest of the amount proposed is as per the financial norms of Samagra Shiksha.

The details of the District Wise Costing Sheet are placed at Annexure –I and list of 100 New Schools placed at Annexure-II.

**Non-recurring Head Proposal for 1 School (Spillover) (9<sup>th</sup>-12<sup>th</sup>)** : It is informed that an amount of **Rs.132 lacs** was approved in the year 2014-15 for setting of **44 labs in 22 Schools**. This amount could not be utilized in that year and has been reflecting in spill over since then. In the year 2018-19, AWP&B report, it was submitted that an amount of **6.63 lacs is remaining** for utilization and **125.37 lacs have been utilized**. It is submitted that Out of 132 lacs, the Centre Share was **99 Lacs** and the State Share was **33 Lacs**. Out of 99 Lacs 4.09 Lacs is un-spent and out of 33 lacs 2.54 was unspent. So a total spill over of amount **Rs.6.63 Lacs** available. **43 Labs** have been setup out of **44 Labs** in the year 2017-18 and **1 lab** needs to be setup. The schools have confirmed this year that the space for construction of labs is available now and the **spillover** amount of **Rs.6.63** may be allocated for the year 2020-21 only so that the remaining 1 lab can be constructed.

In total an amount of **Rs.6.63 lacs** is proposed under non-recurring expenditure as spill over for 1 pending lab setup.

Therefore, a sum of **Rs. 819.39 lacs** is proposed for successful implementation of Vocational Education in **64 (21+43) schools** from grade 9<sup>th</sup> to 12<sup>th</sup>.

#### **B) For VE NEW - 100 new schools (9<sup>th</sup>& 11<sup>th</sup>)**

Recurring Head Proposal for 100new schools (9<sup>th</sup>& 11<sup>th</sup>) – An amount of **Rs. 945** lacs is proposed under recurring expenditure for 100 new schools.

Non-recurring Head Proposal for **200 labs in 100newschools** (9<sup>th</sup>& 11<sup>th</sup>) and **43 labs** in **43single trade schools** for Beauty & Wellness, Healthcare and Retail trade.



The amount was not proposed last years to setup the lab and it is proposed that the amount be allocated this year so that the labs be setup this year.

An amount of **Rs. 1215 lacs** is proposed to setup **243 labs** in 143 schools.

Therefore a sum of **Rs. 2160lacs** is proposed for successful implementation of Vocational Education in 100 new schools including lab setup for **43 schools** allotted last year.

### **Financial Implications:**

In total a sum of **Rs. 3125.29 lacs** is proposed for the overall implementation of Vocational Education in total 164 govt. schools of GNCT of Delhi.

### **Details of budget estimate for 2020-2021 are as under:**

<b>VE 2020-21 Proposal</b>			
<b><u>Introduction of VE in schools - NR</u></b>			
Tools, Equipment & Furniture (New)	243	5	1215
<b>Total of Introduction of VE in schools - NR</b>			<b>1215</b>
<b><u>Recurring Support VE - New</u></b>			
Financial Support for Vocational Teacher/ Trainer (New)	200	3	600
Financial Support for Resource Persons (New)	100	0.625	62.5
Raw material Grant for new school per course (New)	100	1.125	112.5
Cost of providing Hands on Skill Training to Students (New)	100	0.6	60
Office Expenses / Contingencies for New School (New)	100	1	100
Induction training of Teachers VE - Teachers (10 Days)	200	0.05	10
<b>Total of Recurring Support VE - New</b>			<b>945</b>
<b><u>Project Innovation - VE</u></b>			

Orientation of Principal	164	0.025	4.1
VE Start-up Kit	709	0.20	141.8
<b>Total of Project Innovation - VE</b>			<b>145.9</b>
<b><u>VE Existing - NR</u></b>			
Tools, Equipment & Furniture (Spill over 1 lab)	1	6.63	6.63
<b>Total of VE Existing NR (Spill over 1 lab)</b>			<b>6.63</b>
<b><u>Recurring Support VE - Existing</u></b>			
Internship for Higher secondary students	1728	0.015	25.92
Job Mela	709	0.01	7.09
Skill Competition	64	0.14063	9.00032
Financial Support for Vocational Teacher/ Trainer (Existing)	121	3	363
Financial Support for Resource Persons (Existing)	64	1.24023	79.375
Raw material grant for new school per course (Existing)	64	2.23242	142.875
Cost of providing Hands Training Students (Existing)	64	1.2	76.20
Assessment and Certification Cost (Existing)	3396	0.006	20.376
Office Expenses / Contingencies for School (Existing)	64	1.32812	85.00
Induction training of VE - Teachers (10 Days) - (Existing)	36	0.05	1.8
In-service Training of VE - Teachers (5 - Days) - (Existing)	85	0.025	2.125
<b>Total of Recurring Support VE - Existing</b>			<b>812.76132</b>
<b>Total of Introduction of Vocational Education at Secondary and higher Secondary</b>			<b>3125.29</b>

**Budget summary (Recurring and Non-Recurring) is as below:**

**(Fin. In Lac)**

<b>Activity Master</b>	<b>Phy.</b>	<b>Unit Cost</b>	<b>Fin.</b>
Project Innovation VE (100+64 schools)	164		145.9
Recurring Support VE Existing (21+43 schools)	64	-	812.76132
NoN-Recurring Support - VE Existing Spill Over for 1 Lab Setup	1	-	6.63
Total VE Support - Existing (64 schools)		-	819.39
Recurring Support VE - New (100 schools)	100	-	945
Non Recurring Support VE - New (100 New schools + 43 single trade old schools)	100	-	1215
Total VE Support - New (100 schools)			2160
<b>Introduction of Vocational Education at Secondary and higher Secondary</b>			<b>3125.29</b>

### **3.Recommendation of Technical Support Group (TSG)**

PAB had approved 64 schools till 2019-20 for the introduction of Vocational Education from class 9<sup>th</sup> for the state of Delhi.

#### **Year Wise Approval**

<b>Year of Approval</b>	<b>No. of Schools Approved</b>
2013 – 14	21*
2018 – 19	43

\*22 were approved but one school has been handed over to KV Sanghathan

Sectors approved and their respective Job Roles

Sector	No. of Schools
Automobile	5
Beauty and Wellness	30
Health Care	7*
IT/ITeS	21
RETAIL	16
Security	6
MSFC	6

\*Healthcare has been notified by CBSE for secondary classes(9&10)

### Physical Progress and Observations

- As per AWP & B, 59 schools have implemented vocational education with an enrolment of 5158 students. 5 schools out of the 43 schools approved last year have not been made functional.
- **As per Quarterly Review Format Gender wise/ Class wise Enrolment is as follows:**

Gender/ Class	Girls	Boys	Total
9 <sup>th</sup>	1794	880	<b>2674</b>
10 <sup>th</sup>	528	483	<b>1011</b>
11 <sup>th</sup>	415	302	<b>717</b>
12 <sup>th</sup>	362	203	<b>565</b>
<b>Total</b>	<b>3099</b>	<b>1868</b>	<b>4967</b>

- State has reported procurement of Tools & Equipment in 20schools.
- State has reported that 42 vocational trainers are in position.
- Field visit have not been conducted in 49 schools.
- Internship has been provided to 6454students.
- In academic year 2019-20, 1594 students have been assessed in the UT.
- State needs to provide photographs of the vocational lab and practical training of students for uploading on Shagun Portal.

### Financial Details

- **Non-Recurring Progress**

(Rs. In Lakhs)

Spill Over		Approved Outlay Fresh		Expenditure	
Physical	Financial	Physical	Financial	Physical	Financial
2	132.000	0		0	0

- **VE Spill Over (Cumulative)**

Physical	Financial
2	132.00Lakh

As per the state, the spillover under VE is of only Rs 6.63 lakhs, which has not been updated on the PMS. State is requested to update it on priority.

- **Expenditure (Recurring)**

(Rs. In Crore)

Estimate	% of Estimate (Component/Grand Total)	Total Expenditure Upto March.2020	Central share of Expenditure (assuming 90 % of Centre's share in exp)	% of total expenditure against estimate
5.623	0.82%	3.294	1.976	58.58%

### **Recurring (Activity wise)**

(Rs. In Lakhs)

Particulars	Budget Approved		Progress		Balance	
	Physical	Financial	Physical	Financial	Physical	Financial
<b>Recurring Support VE - New</b>						
Cost of providing Hands on Skill	43	12.90	38	5.70	5.00	7.20

Training to Students (New)						
Financial Support for Resource Persons (New)	43	13.44	38	1.4250	5.00	12.01
Financial Support for Vocational Teacher/ Trainer (New)	43	85.14	42	27.1230	1.00	58.02
Induction training of Teachers VE - Teachers (10 Days)	43	2.15	0	0	43.00	2.15
Office Expenses / Contingencies for New School (New)	43	21.50	38	9.50	5.00	12.00
Raw material Grant for new school per course (New)	43	24.19	38	10.6880	5.00	13.50
<b>Total of Recurring Support VE - New</b>		<b>159.32</b>		<b>54.436</b>		<b>104.88</b>
<b>Recurring Support VE -Existing</b>						
Assessment and Certification Cost (Existing)	1398	8.39	0	0	1398.00	8.39
Cost of providing Hands Training Students (Existing)	22	52.80	21	50.40	1.00	2.40
Financial Support for Resource Persons (Existing)	22	55.00	21	12.60	1.00	42.40
Financial Support for Vocational Teacher/ Trainer (Existing)	51	134.64	51	67.7620	0.00	66.88
In-service Training of VE - Teachers (5 - Days) - (Existing)	44	1.10	7	0.1050	37.00	1.00
Induction training of VE - Teachers (10 Days) - (Existing)	7	0.35	0	0	7.00	0.35
Internship for Higher secondary students	598	4.49	53	4.3650	545.00	0.12
Office Expenses / Contingencies for School (Existing)	22	44.00	21	42	1.00	2.00
Raw material grant for new	22	99.00	21	94.50	1.00	4.50

school per course (Existing)						
Skill Competition	22	3.22	21	3.22	1.00	0.00
<b>Total For Recurring Support VE - Existing</b>		<b>402.98</b>		<b>274.952</b>		<b>128.03</b>
<b>Total for Vocational Education at Secondary and higher Secondary</b>		<b>562.30</b>		<b>329.388</b>		<b>232.91</b>

### **PMS Updating**

The state needs to update data on PMS as enrolment on PMS is less than submitted in Quarterly Review Format and AWP & B.

As per QRF December, 2019		Reported in PMS		As per AWP & B 2020-21	
No. of Schools Implemented	Current Enrolment	No. of Schools Implemented	Current Enrolment	No. of Schools Implemented	Current Enrolment
64	4967	21	1937	64	5158

### **Proposal 2020 – 21**

In the Annual Work Plan & Budget 2020-21 of Samagra Shiksha, the state has proposed for 100 schools for introduction of vocational education in class 9<sup>th</sup> with the following details:

Sector	Job Roles	No. of Schools
Automotive	Automotive Service Technician	8
Beauty and wellness	Assistant Beauty Therapist	43
Electronic Technology	Field Technician	20
Food Production	Trainee Commie	11
HEALTH CARE	General Duty Assistant	24
IT/ITES	Domestic Data Entry Operator	35
Medical Diagnostics	Medical Lab Technician	21
Retail	Store Operations Assistant	28

Yoga	Yoga Instructor	10
------	-----------------	----

### Observations

- 43 schools approved last year are yet to be streamlined. Though the state has started Vocational classes 38 schools out of 43 schools through part time teachers but Vocational trainers are yet to be appointed.
- Out of the proposed 100 schools, 38 schools may be considered for approval for introduction Vocational Education from class 9 in 2 sectors.

### State has also proposed

1. Non recurring funds for Tools and Equipment for 43 schools approved in 2019-20

### Observations

- The state has last year claimed that it will utilize the existing labs in the school with some additions which would be done through raw material grants. But this year state has proposed non-recurring funds against the 43 schools approved in 2019-20.
- As per UDISE 25 schools out of these 43 schools already have a vocational lab.
- PAB may take a view on the same.

2. Skill training of out of School children

### Observations:

- Conducting skill training of 200 "Out of School children" in Collaboration with NIOS may be considered. Only the recurring may be considered. The state is advised to utilise the existing vocational Labs in schools or NIOS Vocational centres. As proposed, the state should ensure that after the completion of training with one vocational subject along with three academic subjects and one language, the Out of School children receive the Secondary School Certification.
3. Startup kits for students @ Rs.20,000 per student and HM orientation

### Observations

- Startup kits for students may be arranged through NGO/CSR funds.
  - HM orientation may be conducted through the MMER funds.
4. Skill competitions may be done at District level

### Recommendations

- Recurring costs amounting to Rs. 578.40 Lakhs for continuation of VE in existing 64 schools including Support for Internship and conduct of skill competitions.



An amount of Rs. **393.30 Lakhs** (Rs. 190 Non Recurring + Rs. 203.30 Recurring) for introduction of vocational education in 38 schools

## 4. Costing Sheet of Plan Approval Board

Sub Component	Activity Master	Level	Physical	Unit Cost	Financial (In lac)
Introduction of Vocational Education at Secondary and higher Secondary	Introduction of VE in schools - NR				
	Tools, Equipment & Furniture (New)		243	5	1215
	<b>Total of Introduction of VE in schools - NR</b>				<b>1215</b>
	Recurring Support VE - New				
	Financial Support for Vocational Teacher/ Trainer (New)		200	3	600
	Financial Support for Resource Persons (New)		100	0.625	62.5
	Raw material Grant for new school per course (New)		100	1.125	112.5
	Cost of providing Hands on Skill Training to Students (New)		100	0.6	60
	Office Expenses / Contingencies for New School (New)		100	1	100
	Induction training of Teachers VE - Teachers (10 Days)		200	0.05	10
	<b>Total of Recurring Support VE - New</b>				<b>945</b>
	Project Innovation - VE				
	Orientation of Principal		164	0.025	4.1
	VE Start-up Kit		709	0.2	141.8
	<b>Total of Project Innovation - VE</b>				<b>145.9</b>
VE Existing - NR					
Tools, Equipment & Furniture (Spill over 1 lab)	Spillover	1	6.63	6.63	
	<b>Total of VE Existing NR (Spill over 1 lab)</b>				<b>6.63</b>
	Recurring Support VE - Existing				
	Internship for Higher secondary students		1728	0.015	25.92
	Job Mela		709	0.01	7.09
	Skill Competition		64	0.14063	9.00032
	Financial Support for Vocational Teacher/ Trainer (Existing)		121	3	363
	Financial Support for Resource Persons (Existing)		64	1.24023	79.375
	Raw material grant for new school per course (Existing)		64	2.23242	142.875
	Cost of providing Hands Training Students (Existing)		64	1.2	76.2
	Assessment and Certification Cost (Existing)		3396	0.006	20.376
	Office Expenses / Contingencies for School (Existing)		64	1.32812	85
	Induction training of VE - Teachers (10 Days) - (Existing)		36	0.05	1.8
	In-service Training of VE - Teachers (5 - Days) - (Existing)	Spillover	85	0.025	2.125
	<b>Total of Recurring Support VE - Existing</b>				<b>812.76132</b>
	<b>Total of Introduction of Vocational Education at Secondary and higher Secondary</b>				<b>3125.29132</b>