

VOCATIONALISATION OF SECONDARY EDUCATION

In pursuance of the priorities accorded in the National Policy on Education + 1986 a Centrally Sponsored Scheme of Vocationalisation of Secondary Education was started with effect from February, 1988. The main objectives of the Scheme are to provide diversification of educational opportunities so as to enhance individual employability, reduce the mismatch between demand and supply of skilled manpower and to provide an alternative for those pursuing higher education. The Scheme is implemented through the State Governments/Union Territories Administrations with Central funding in accordance with the approved pattern of assistance.

2. The Scheme is substantially funded by the Central Government. Grants are given to the State Governments in accordance with sharing pattern between the Central and State Governments for meeting expenditure for the Vocational education programme. 100% Central assistance (subject to ceiling) is given for District vocational surveys; workshops for development of curriculum, instructional material, textbooks; training of resource persons, teachers; equipments; construction of worksheds; evaluation, monitoring and apprenticeship training. The Central Government shares 75% of the expenditure on school staff and 50% of expenditure for salary of management staff at the Directorate, SCERT and District level. The State Government have to bear 100% expenditure on raw material, contingencies, examinations and certification.

3. The Scheme is being presently implemented in 24 States and 4 Union Territories. The programme has not been started in Tripura and the Union Territories of Dadra Nagar Haveli, Daman Diu and Lakshadweep. The summary of physical achievements under the Scheme of Vocationalisation of Secondary Education at +2 level from 1987-88 to 1991-92 is given below.

.....2/-

Year	Amount spent (Rs. in crores)	No. of Schools covered	No. of Vocational sections approved
1987-88	32.26	1068	3167
1988-89	49.73	1511	4237
1989-90	43.97	163	484
1990-91	74.00	1014	2428
1991-92	56.88	644	2227
	256.84	4400	12543

4. Facilities have thus been created for diversion of about 6.27 lakh students at +2 level (@25 students per Vocational section in Classes XI and XII). A statement containing the statewise position of Central assistance released during 1987-88 to 1991-92 is given in Annexure-I. A statement containing statewise position of number of vocational sections approved and schools involved is in Annexure-II.

5. 20 vocational subjects fields have already been notified under the Apprentices Act, 1961 to enable the Vocational pass-outs to avail of the benefit of Apprentices Scheme. Efforts are being made to cover 40 more such courses under the Apprentices Act in consultation with Directorate General of Employment and Training, Ministry of Labour.

6. The Department of Education has taken up initiatives with various Government Departments, State Governments and the industrial sector to facilitate the employment of vocational pass-outs in the organised sector and through self-employment. Some of the efforts are as follows:-

- Amendment of Recruitment Rules to extend employment opportunities to vocational pass-outs.
- Availability of loan facilities for self-employment.
- Opportunities for vertical mobility for those who wish to go for higher education.
- Starting of job-linked courses with Railway Ministry, GIC and LIC.

- Starting of vocational courses in collaboration with Ministry of Health and Handicrafts and Ministry of Textiles by using the facilities available in this Department.

7. It has been decided to setup a Central Institute for Vocational Education under NCERT to perform Research and Development, monitoring and evaluation, financing for the programme of Vocationalisation of Education. A Committee has been setup in the NCERT to work out the phasing and financial requirements for the Institute.

8. It is proposed to have an outlay of Rs. 600.00 crores for the 8th Plan (from 1992-93 to 1996-97) for the vocational Education programme. 5244 new Vocational sections are proposed to be started during the 8th Plan period creating facilities for diversion of about 10% students at +2 level to vocational stream.

9. Areas requiring special attention by the State Governments/UT Administrations: State Government/UT Administrations implementing the programme will have to take effective steps to provide all the inputs required for the quality of vocational education and training, viz.,

- ensuring construction of worksheds and supply of equipment;
- preparation of good quality instructional material and text books;
- filling up of teachers posts;
- pre-service and in-service training of teachers;
- creation of proper management structure;
- amendment of Recruitment Rules;
- establishment of equivalence of certificate vis-a-viz general courses;
- Opportunities for vertical mobility for those who wish to go for higher education.

There is need for an effective coordination and monitoring mechanism at the State level. If the State Governments establish separate Directorate of Vocational Education, the programme will receive much needed impetus.

ANNEXURE-I

CENTRALLY SPONSORED SCHEME OF VOCATIONALISATION OF SECONDARY EDUCATION

Sl. No.	Name of the State	AMOUNT OF GRANT IN (LAKHS)					Total
		1987-88	1988-89	1989-90	1990-91	1991-92	
1.	2.	3.	4.	5.	6.	7.	8.
1.	Andhra Pradesh	562.63	730.32	177.06	886.85	1010.235	3367.095
2.	Arunachal Pradesh	-	-	-	-	6.355	6.355
3.	Assam	30.10	82.61	-	42.62	140.28	295.61
4.	Bihar	136.09	-	7.41	558.611	0.75	702.861
5.	Goa	68.53	28.47	64.59	80.630	49.65	295.87
6.	Gujarat	-	236.64	1173.31	778.031	879.375	3067.356
7.	Haryana	276.12	353.03	129.87	184.83	155.00	1098.85
8.	Himachal Pradesh	30.90	1.86	98.06	177.385	56.858	565.063
9.	Jammu & Kashmir	-	-	-	16.50	15.80	32.30
10.	Karnataka	93.00	244.70	49.21	150.80	324.996	868.706
11.	Kerala	-	226.42	223.44	353.23	346.899	1149.969
12.	Madhya Pradesh	57.16	745.00	1121.48	1221.42	3.00	3148.06
13.	Maharashtra	495.90	469.66	509.38	267.205	1230.25	2972.395
14.	Manipur	-	11.68	-	-	44.00	55.68
15.	Meghalaya	-	-	-	20.75	-	20.75
16.	Mizoram	21.42	7.12	-	16.68	-	45.22
17.	Nagaland	8.00	-	-	14.84	-	22.84
18.	Orissa	156.19	600.00	83.72	510.40	-	1350.31
19.	Punjab	211.59	-	50.25	371.71	222.25	855.80
20.	Rajasthan	58.34	159.22	72.35	561.543	323.56	1175.013

Rupees in Lakhs

Name of the States	1987-88	1988-89	1989-90	1990-91	1991-92	Total
21. Sikkim	--	--	--	5.325	0.044	5.369
22. Tamil Nadu	112.56	225.00	358.11	279.558	727.90	1703.128
23. Tripura	--	--	--	--	--	--
24. Uttar Pradesh	829.88	800.00	203.69	707.25	99.1475	2639.9675
25. West Bengal	40.69	--	--	--	--	40.69
Total (A)	<u>3189.1</u>	<u>4921.73</u>	<u>4321.93</u>	<u>7212.168</u>	<u>5636.3495</u>	<u>25281.2775</u>
(B) UNION TERRITORIES						
1. Andaman & Nicobar	--	--	3.24	3.238	--	6.478
2. Chandigarh	--	42.70 (not claimed during 1988-89)	42.70 (Claimed in 1989-90)	12.34	20.77	75.81
3. Dadra & Nagar Haveli	--	--	--	--	--	--
4. Daman & Diu	--	--	--	--	--	--
5. Delhi	36.52	--	4.18	42.86	0.30	83.86
6. Lakshadweep	--	--	--	--	--	--
7. Pondicherry	--	--	--	16.63	--	16.63
TOTAL (B)	<u>36.52</u>	<u>42.70</u>	<u>50.12</u>	<u>75.068</u>	<u>21.07</u>	<u>182.778</u>
GRAND TOTAL (A) + (B)	3225.62	4964.43	4372.05	7287.236	5657.4195	25464.035

Sl. No.	Name of the Voluntary organisation	1987-88	1988-89	1989-90	1990-91	1991-92	Total
1.	2.	3.	4.	5.	6.	7.	8.
1.	Society for rural Industrialisation	-	5.00	5.00	6.00	7.60	23.6
2.	Indian Institute of Education	-	1.00	1.10	2.27	1.309	5.679
3.	Ramakrishna Vivekananda Mission	-	-	-	0.746	0.346	1.092
4.	Gujarat Research Society	-	-	-	0.30	-	0.30
5.	Nutan Vidya Mandir	-	-	-	0.511	0.41958	0.93058
6.	Manuj Kalyan	-	-	-	6.39	-	6.39
7.	Oper Main System	-	-	-	0.75	6.16624	6.91624
8.	Apprenticeship Training (Southern Region)	-	-	15.39	75.39	-	90.78
9.	Apprenticeship Training (Western Region)	-	-	-	18.30	1.00	19.30

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1.	2.	3.	4.	5.	6.	7.	8.
10. Central Tibetan School Admini- stration.	-	-	2.54	3.11	-	-	5.65
TOTAL (C)	-	-	8.54	24.60	110.657	16.84082	160.63782
Admn. Expenditure	-	-	-	-	2.00	14.50	16.50
GRAND TOTAL (A+B+C)	3225.62	4972.97	4396.65	7399.893	5688.7603	25683.893	
(or day)	3226.00	4973.00	4397.00	7400.00	5689.00	25684.00	

ANNEXURE-II

SCHEME OF VOCATIONALISATION OF SECONDARY EDUCATION

No. OF VOCATIONAL SECTION APPROVED AND SCHOOLS INVOLVED

Name of the State/UTs.	1987-88		1988-89		1989-90		1990-91		1991-92		Total (5 years)	
	Voc. Sec-tions	Sch-ools	Voc. Sec-tions	Sch-ools	Voc. Sec-tions	Sch-ools	Voc. Sec-tions	Sch-ools	Voc. Sec-tions	Sch-ools	Voc. Sec-tions	Sch-ools
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
1. Andhra Pradesh	325	182	314	171	11	-	329	184	501	46	1480	583
2. Arunachal Pradesh	-	-	-	-	-	-	-	-	4	4	4	4
3. Assam	30	10	80	40	-	-	-	-	100	50	210	100
4. Bihar	129	43	-	-	-	-	324	108	-	-	453	151
5. Goa	65	20	-	-	-	-	13	6	-	-	78	26
6. Gujarat	-	-	477	159	-	-	141	47	207	85	825	291
7. Haryana	284	41	116	24	-	-	86	-	-	-	486	65
8. Himachal Pradesh	30	15	-	-	20	10	27	15	5	-	82	40
9. Jammu & Kashmir	-	-	-	-	-	-	11	11	5	5	16	16
10. Karnataka	100	69	140	80	-	-	50	50	300	100	590	299
11. Kerala	-	-	200	100	150	50	50	25	100	35	500	210
12. Madhya Pradesh	44	13	1025	356	-	-	43	21	-	-	1112	390
13. Maharashtra	507	169	450	150	-	-	-	-	450	150	1407	469
14. Manipur	-	-	9	3	-	-	-	-	48	16	57	19
15. Meghalaya	-	-	-	-	-	-	20	10	-	-	20	10
16. Mizoram	17	4	-	-	-	-	13	13	-	-	30	17
17. Nagaland	8	4	-	-	-	-	8	4	-	-	16	8

	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
18. Orissa	124	31	600	150	-	-	-	-	-	-	724	181
19. Punjab	201	67	-	-	-	-	285	95	90	30	576	192
20. Rajasthan	84	51	55	24	-	-	182	50	114	20	435	145
21. Sikkim	-	-	-	-	-	-	7	5	-	-	7	5
22. Tamil Nadu	340	100	300	100	300	100	300	100	300	100	1540	500
23. Tripura	-	-	-	-	-	-	-	-	-	-	-	-
24. Uttar Pradesh	800	200	450	150	-	-	500	250	-	-	1750	600
25. West Bengal	39	39	-	-	-	-	-	-	-	-	39	39
TOTAL	3127	1058	4216	1507	481	160	2389	994	2224	641	12437	4360

(B) UNION TERRITORIES:

1. Andaman & Nicobar	-	-	-	-	3	3	3	3	-	-	6	6
2. Chandigarh	-	-	18	3	-	-	6	2	3	3	27	8
3. Dadra & Nagar Haveli	-	-	-	-	-	-	-	-	-	-	-	-
4. Daman Diu	-	-	-	-	-	-	-	-	-	-	-	-
5. Delhi	40	10	-	-	-	-	3	3	-	-	3	13
6. Lakshadweep	-	-	-	-	-	-	-	-	-	-	-	-
7. Pondicherry	-	-	-	-	-	-	16	12	-	-	16	12
TOTAL (B)	40	10	18	3	3	3	28	20	3	3	92	39

(C) VOLUNTARY/NON-GOVERNMENT/AUTONOMOUS ORGANISATIONS.

1	2	3	4	5	6	7	8	9	10	11	12	13
1. Society for rural industrialisation	-	-	-	-	-	-	-	-	-	-	-	-
2. Indian Institute of Education, Pune.	-	-	-	-	-	-	-	-	-	-	-	-
3. Rama Krishna Vivekananda Mission	-	-	-	-	-	-	3	-	-	-	3	-
4. Nutan Vidya Mandir	-	-	-	-	-	-	1	-	-	-	1	-
5. Manuj Kalyan	-	-	-	-	-	-	7	-	-	-	7	-
6. Central Tibetan School Admn. Delhi	-	-	3	1	-	-	-	-	-	-	3	1
TOTAL (C)	-	-	3	1	-	-	11	-	-	-	14	1

Grand Total (A+B+C) 3167 1068 4237 1511 484 163 2428 1014 2227 644 12543 4400