



## CHAPTER VII: SUMMARY AND CONCLUSIONS

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- The seventh chapter deals with the summary, conclusions and recommendations.

## CHAPTER VII

### SUMMARY AND CONCLUSIONS

#### **7.1 Major Findings Of The Study:**

##### ***7.1.1 Major Findings Regarding the Status of VEP in Goa are:***

1. It is observed that majority of the courses run at the HSS level in various HSS offering VEP are Commerce based courses. Where as at the College level, majority of the courses carried out are Science based courses.
2. It was observed that the maximum number of vocational courses were offered by HSS and Colleges are in the Salcette taluka. The number of institutions offering a variety of vocational courses were also found to be way higher than the number of institutions in other talukas offering vocational courses.
3. The student enrollment for most of the courses offered at the HSS level and College level seem to be consistent. However, at the College level, the EEM course shows very low enrollment. While students at the HSS level passing form Electronic Technology course cannot take admission into the course due to no vertical mobility provided.
4. 55% of the HSS students studying the Vocational course claimed that they joined the VEP with the intentions of self employment. 23.4% of the students had intentions to take up wage employment. While 18.2% joined the vocational stream with intentions to pursue further studies.
5. 43.2% of the College students claimed that they took up vocational subjects in order to take up wage employment. And only 26.5 % has intentions to go in

for self employment, while 27.3% joined with the intentions to pursue higher education.

6. 56% and 59.3% of the HSS students expressed dissatisfaction with the teaching faculty for the vocational theory subject and for vocational practical subject respectively.
7. 50.8% and 53.8% of the College students said they were satisfied with the teaching faculty for the vocational theory subject and for vocational practical subject respectively and graded the faculty as Good. While 23.5% and 21.5% of the College students graded the faculty as Excellent.
8. 66.0 % of the HSS and 62 % of the College students said they were satisfied with the infrastructure in their HSS.
9. 62.9% and 67.1 % of the College level students expressed the need that their curriculum for the vocational theory and vocational practical subjects needed improvement.
10. A majority of the college Past students claimed that the overall duration of training given to them was not sufficient to take up a job confidently. Whereas a majority of 67.4% of the HSS past students were of the opinion that the overall duration given to them was sufficient.
11. Many of the courses are closed at the College level. And many would be closed as soon as the UGC funding ceases as Add on courses are been introduced by few Colleges.

12. The monitoring system of the Vocational Education Programme was found to be weak. At the College level it was totally absent.
13. It is observed that, on the whole 67% and 73% of the HSS students express their satisfaction towards the course content of their vocational theory and vocational practical subjects respectively by stating that the syllabus is up to date.
14. Students studying the Industrial Management courses express their concern towards the vocational practicals as well as theory curriculum of the course saying it needs improvement. 75% and 58.3 % of students studying the theory and practicals respectively says it requires improvement.
15. The hypothesis 'lack of required infrastructure, shortage of suitable teaching faculty and no timely revision of curriculum are responsible to reduce the quality of the course' was found to be partially true.
16. Majority of the students at the HSS and College level have shown satisfaction towards the infrastructure present in their institution. But however, nearly half of the total student strength claims that they do not have the opportunity to use the latest tools and equipments relevant to their course
17. Educational institutions do have qualified teachers. But institutions lacked suitable teaching faculty required to teach the vocational course effectively, i.e. they lacked teaching faculty with industrial experience.
18. The curriculum of the vocational courses at the HSS level had been revised lately in the year 2001-02 and majority of students show satisfaction with the

curriculum but the curriculum for the vocational subjects at the College level had not been revised.

**7.1.2 Major Findings Regarding the Impact of the VEP on Entrepreneurship Development and Employment Opportunities:**

19. 40.9% of the students at the HSS level were wage employed. While 37% went in for further education and 10% for self employment. 11.7 % of the students remained unemployed.
20. At the College level 61.8% of the students were wage employed, while only 6.9% went in for self employment, 22.5% went in for higher education and 8.8% remained unemployed.
21. Majority of the HSS past students (66.4%) were found to either do some course or go in for higher education before taking up employment.
22. Majority (41.2%) of the College past students however directly took up wage employment on completion of the vocational course.
23. 26.4% of the HSS past students were employed in professions other than that of the vocational course studied by them.
24. It was observed that 53.8% and 33.3% of the total employed students pass outs from the Agriculture and Humanities courses respectively were employed in areas other than that of the course studied by them. And 30% of the total employed College past students from the Commerce based courses too were employed in areas other than the course studied by them.

25. It was observed that 20.3% of HSS present students claimed that the duration of the practical training given to them during their course was not sufficient to take up a job confidently. But however, a much greater number of HSS past students i.e. 32.6% claimed that the training given to them was not sufficient.
26. Analysis show that a majority of the students at the HSS and College level were satisfied with the OJT provided to them. However Educationalists are of the view that OJT for a duration of just 30 days is too less to help students gain confidence in them to start up their own enterprise. Hence, the number of students opting for self employment is negligible.
27. The hypothesis that VEP has not been able to produce confident and competent entrepreneurs is partially true as very few of those self employed were found to be enterprising, confident of themselves and willing to take risks.
28. The hypothesis 'there is no distinction in curriculum between the commerce based courses of the vocational stream, and commerce based courses of the general stream' is partially true as it is mainly the OJT that would make the big difference between the vocational stream and general stream courses. But it was observed that OJT is not given much importance by commerce based vocational courses.
29. The hypothesis 'vocational passouts lack confidence in getting employed after completion of their course due to lack of proper entrepreneurship development classes and OJT, and this diverts them to higher education' was found to be true.

30. HSS Students showed dissatisfaction towards the GFC teacher. It was observed that all the GFC and ED subject teachers fail to motivate the students and encourage them in starting up their own business venture.

### ***7.1.3 Major Findings of School- industry linkage:***

31. Linkage between School- Industry was found to be very weak. 45% of the HSS 20% of the Colleges have not made an attempt in maintaining this linkage. It was observed that it was mostly the Commerce based Colleges that have not made a serious attempt in maintaining this linkage.

32. 20% of the industrialists are of the opinion that Vocational students of the HSS level lack seriousness in interest for work and hence they are sometimes a burden for them.

33. Industrialists under whom students of Science based courses at the College level did OJT were pleased with the students performance and were of the opinion that the course curriculum specially of Bio-Technology course meets their requirement.

34. Most of the educationalists and teaching faculty was of the opinion that the financial problems and lack of confidence in students themselves were the major hindrances for students not starting their own business venture.

35. The hypothesis 'inadequate interaction of Vocational Education institutions with industrialists in making Vocational Education more work oriented 'was found to be true.

## **7.2 Conclusions:**

1. From the past students profile it was concluded that VEP has not been successful in generating employment to all its passouts.
2. As per the findings of the study it was concluded that the VEP had played a positive role in extending employment opportunities to the youth opting for the vocational stream. However, the contribution made by the VEP in entrepreneurship development at the College level was negligible.
3. It was concluded from the findings of the study that the infrastructure, teaching faculty, OJT and syllabi of the VEP at the HSS and College level was found to satisfactory on the whole.
4. It was observed that majority of the students at the HSS level joined the VEP with the intentions of starting their own business. But, however it was observed that, for varied reasons they preferred to just take up wage employment at the end of the course.
5. The realization of lack of confidence in themselves to get self employed due to no sufficient practical training, lack of adequate knowledge on the formalities involved in the starting up of an enterprise, lack of guidance and motivation from the part of the teaching faculty and financial instability are some of the reasons for interested students backing out from starting their own business venture.
6. Some students who still had keen interest in starting up their own enterprise, but had backed out due the factors mentioned above, claimed to have taken up wage employment in order to get additional first hand experience on the



job and also to become economically independent, as these students also face the problem of obtaining finance from financial institutions to start their own business.

7. A significant number of HSS students intended to go in for further studies either because they were minors and were unable to get jobs. Others claimed that the practical training given to them was insufficient and hence they lack confidence in taking up employment. While still others felt that it would be an added advantage for them to possess a degree and then get employed as a degree according to them would help them earn higher remuneration on being graduates.
8. The study shows a similar trend in the case of the College level students opinion also. In this category also, the number of students that initially claimed that they joined the vocational stream with the intentions of starting their own business and the number of students that were eventually found to be self employed varied drastically. Students that went in for self employment was negligible. But a majority of students were found to be wage employed.
9. It is observed that most institutions at the HSS and College level have not maintained a healthy school – industry linkage. Because of this drawback, a large number of students are not exposed to the right kind of work environment that would help build confidence in them and give them exposure to the appropriate training required by them. Due to lack of this MoU, Institutions as well as students are unable to take advantage of the benefits such as involvement of industry personnel in the curriculum and

management, hiring of expert services, sharing of infrastructure and job placement of students.

10. Educationalists at the HSS level express their limitation of not being able to develop a strong School Industry linkage stating that well established firms do not entertain HSS vocational passouts. Hence, most vocational students have to be placed in smaller local firms.
11. Institutions offering Commerce based courses should give the required importance to OJT so that students can get practical experience. Due stress on OJT would help in demarking the difference between the Commerce based courses of the general stream and the Commerce based courses of the Vocational stream.

### **7.3 Recommendations:**

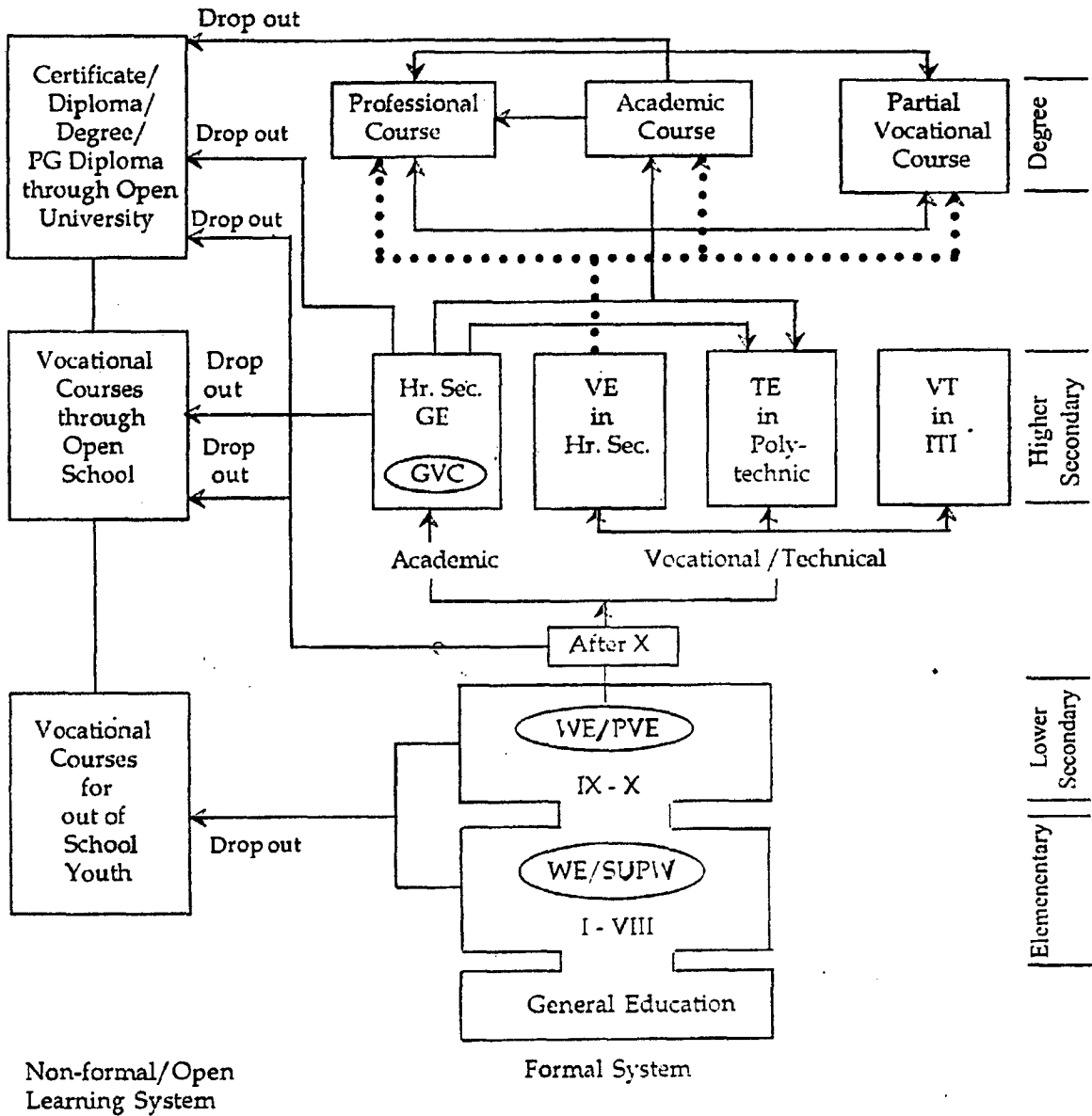
1. In order to encourage the numbers of students in going in for self employment:  
The General Foundation Course and Entrepreneurship Development Subject teacher should be motivated so that they can encourage students to go in for self employment.  
Institutions should make use of successful entrepreneurs to address students which may act as a motivating force to interested students. Successful vocational past students, who have successfully started their own enterprise can also be brought to address the students.  
The GFC/EDS course should be revised so that it has a more practical approach, which will make it interesting for students to learn the subject.
2. On the Job Training and Entrepreneurship Development Subject should be included in the curriculum as a compulsory feature at the College level.

3. A management body should be formed at the State level to take responsibility and administer the VEP at the College level.
4. An effective School – Industry linkage should be compulsorily stressed on at the HSS as well as College level.
5. OJT should be given more importance especially at the College level. The duration of the training hours kept aside for OJT should be increased as this would help build confidence in students.
6. The VEP should be increased by an additional one year at the HSS level. So that additional training can be given to students. This would also increase the age of the students on passing out from the vocational course. Presently, most of them being just 17 years of age at the time of passing out are still minors and face a lot of problems in seeking employment.
7. Students of the VEP at the HSS being minors at the time of completions, are unable to seek employment in the industry and unable to seek financial assistance to start their own business also. Since VEP was started with the aim of diverting students to gainful employment, on completion of the course, it is absolutely necessary that the management body at the National level, on scrutinize the drawbacks of the scheme and take corrective measures.
8. Apprenticeship Training Boards should be encouraged to send the invitation letters to the institutions before the next academic year starts so that interested students can at least join as Apprentices for additional practical work experience instead of going in for Higher education or joining some course on passing out the vocational course.

9. An extra effort should be made by the institutions towards establishing an effective School industry linkage. This would help students in getting training in reputable organizations. And would encourage greater involvement of the Industry in and assist the educationalists in ensuring that the syllabus is kept updated seeing to the ever changing needs of the industry. As a result of this, it would help in increasing the demand for the course.
10. Work culture should be cultivated in institutions, so as to bring about seriousness among the students and develop in them a liking for practical work. In order to create this atmosphere, vocational institutions offering the VEP at the HSS level should be attached to Polytechnics and ITI's instead of being run alongside the general stream.
11. More awareness needs to be created about the VEP amongst the parent and student community and in a special way among the Industrialists. Because greater involvement of Industrialists in the VEP would fetch greater returns in terms of success for the programme.
12. Government should make provisions in employment exchanges to give preference to Vocational education passouts or reserve some posts for them to encourage more students in enrolling themselves for the programme.
13. The VEP should broaden its horizons and offer short part time courses to employed persons as well wanting to seek practical knowledge and training along side their work.

## Appendix I

### VOCATIONAL EDUCATION AT VARIOUS STAGES OF EDUCATION IN INDIA



VE : Vocational Education  
 SUPW : Socially Useful Productive Work  
 GVC : Generic Vocational Course  
 VT : Vocational Training  
 . . . : In Few Courses/Streams

WE : Work Experience  
 PVE : Pre-Vocational Education  
 TE : Technical Education  
 GE : General Education

\* Source: PSSCIVE(NCERT)

## Appendix II

**Students Performance in HSS Selected for the Study During the Last Four Academic Years . i.e. from  
the year 2000-01 to the year 2003-04.**

<i>Course</i>	<i>2000-01</i>		<i>2001-02</i>		<i>2002-03</i>		<i>2003-04</i>	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
OSS	117	112	121	118	120	97	125	110
AAT	117	103	129	113	135	112	138	119
INS	28	26	32	29	34	20	32	28
MKT.& S.	21	18	26	21	25	18	24	20
COMP. T.	148	134	166	151	157	141	156	138
CGDM	40	39	44	41	39	36	41	40
CRM	56	52	56	54	59	56	62	59
T&T	15	15	11	11	27	25	25	24
AET	67	60	59	55	61	57	67	63
MREEDA	117	109	112	108	120	117	121	119
ET	75	74	90	83	93	78	95	73
INDUS. M.	23	23	23	23	21	18	18	17
FCL	28	27	32	32	36	34	33	31
HCL	21	15	08	06	27	18	14	11
B&C	23	23	25	24	18	18	23	22
Total	900	834	936	870	974	847	974	874

Appendix- III

**Students Performance in Colleges Selected for the Study During the Last Four Academic years. i.e. from the year 2000-01 to the year 2003-04.**

<i>Course</i>	<i>2000-01</i>		<i>2001-02</i>		<i>2002-03</i>		<i>2003-04</i>	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
IC	15	13	13	11	6	6	24	24
BT	12	12	38	37	30	29	42	42
COMP. A.	-	-	-	-	-	-	32	31
EEM	10	8	5	5	9	9	5	5
TT	4	2	15	14	15	13	18	15
MKT.	26	22	31	29	24	21	21	18
F.TRADE	26	25	18	14	10	9	-	-
Total	93	82	120	110	94	87	142	135

## A PROFILE OF VOCATIONAL EDUCATION IN GOA

## Vocational Education at Plus Two Stage

Sr. No	Name of the course	Yearwise number of students Registered and Passed in different Courses at 12 <sup>th</sup> Standard																					
		1989-90		1990-91		1991-92		1992-93		1993-94		1994-95		1995-96		1996-97		1997-98		1998-99		Total	
		Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed	Regd.	Passed
1	Office Management	157	107	244	172	264	191	243	140	303	171	320	174	313	204	365	238	362	212	384	270	2955	1879
2	Accounting, Auditing & Taxation (AAT)	110	100	187	145	174	145	181	145	204	160	256	184	239	152	239	159	226	153	253	180	2074	1524
3	Insurance	72	46	61	35	57	35	82	48	87	50	77	49	83	43	75	52	67	43	72	47	733	451
4	Industrial Management	17	12	34	23	17	11	12	8	23	22	20	12	18	14	18	10	15	3	18	12	192	127
5	Marketing and Salesmanship Management	14	7	60	40	37	25	42	17	52	31	50	21	41	19	35	22	27	21	23	15	381	218
6	Dress Making, Embroidery and Fashion Coordination	47	42	43	33	74	60	93	74	125	81	211	145	178	122	244	180	214	189	237	186	1466	1112
7	Auto Servicing Technology	38	29	109	87	43	30	47	16	89	65	105	66	126	91	169	94	151	125	152	99	1029	702
8	Computer Programmer	115	103	161	125	122	98	108	64	144	97	161	83	194	117	194	152	170	119	209	161	1578	1120
9	Electronic Repair Technician	32	29	68	53	86	64	88	57	105	74	106	57	115	67	115	74	118	86	141	76	974	637
10	Electronic Assembler Technician	49	43	17	13	91	67	67	48	96	60	95	39	124	73	126	90	121	82	107	71	893	586
11	Food Production	-	-	12	12	18	18	18	13	33	17	60	28	71	38	89	66	90	75	103	74	494	341
12	Food and Beverages	-	-	15	15	13	13	7	7	19	11	36	19	41	27	38	20	40	34	35	30	244	176
13	Horticulture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	44	62	44
14	Floriculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	29	23	29	23
	Total	651	518	1011	757	996	755	938	637	1280	839	1497	877	1543	957	1707	1157	1601	1142	1630	1288	13104	8940

Note: There are six different components studied in each course.

Source: Yearwise record (1989-90 to 1998-99) (Unpublished) Goa Board of Secondary and Higher Secondary Education, Govt. of Goa, Aho Betim, Goa.



## Appendix- V

## A PROFILE OF VOCATIONAL EDUCATION IN GOA

## Vocational Education at the Three Year Integrated Degree Course in Arts, Science and Commerce Faculties

Sr. No.	Name of the Institution	Year of introduction	Subjects introduced	Year wise number of students passed third year			Total
				1996-97	1997-98	1998-99	
1	Smt P. Chowgule College of Arts & Science, Margao, Goa	1994-95	1. Electronic Equipment & Maintenance	09	05	12	26
			2. Computer Applications	13	13	10	36
2	MES College of Arts and Commerce, Vasco Goa.	1994-95	1. Foreign Trade & Practice	19	20	19	58
			2. Tax Procedure	16	24	24	64
			3. Tourism & Travel	13	09	11	33
3.	St. Xavier's College, Mapusa Goa.	1994-95	1. Computer Application	Included in the above number			
4.	Carmel College, Nuvem, Goa	1997-98	1. Biotechnology	--	--	--	--
5.	D.M.'s VNS Bandekar College of Commerce, Mapusa, Goa.	1997-98	1. Tax Procedure and Practice	--	--	--	--
6.	Shree Damodar College of Commerce, Margao Goa.	1997-98	1. Advertisement, Sales Promotion and Sales Management	--	--	--	--
7.	Dranje College of Arts and Science, Panaji, Goa	1992-99	1. Biotechnology.	--	--	--	--
8.	Govt. College of Arts, Science & Commerce, Sanguelim, Goa.	1992-99	1. Industrial Chemistry	--	--	--	--
9.	FES College of Arts and Science, Ponda, Goa.	1992-99	1. Industrial Chemistry	--	--	--	--
10.	G.M.'s College of Commerce & Economics, Ponda, Goa	1993-99	1. Advertising, Sales Promotion and Sales Management	--	--	--	--

Source: Yearwise record (1994-95 to 1998-99) (Unpublished), Goa University, Taleigao Plateau, Goa.

Appendix VI

**Student Enrollment in HSS Selected for the Study During the last four academic years . i.e. from the year 2000-01 to the year 2003-04.**

<i>Course</i>	<i>2000-01</i> Enrolled	<i>2001-02</i> Enrolled	<i>2002-03</i> Enrolled	<i>2003-04</i> Enrolled
OSS	117	121	120	125
AAT	117	129	135	138
INS	28	32	34	32
MKT.& S.	21	26	25	24
COMP. T.	148	166	157	156
CGDM	40	44	39	41
CRM	56	56	59	62
T&T	15	11	27	25
AET	67	59	61	67
MREEDA	117	112	120	121
ET	75	90	93	95
INDUS. M.	23	23	21	18
FCL	28	32	36	33
HCL	25	10	29	14
B&C	23	25	18	23
Total	900	936	974	974

Appendix VII

**Student Enrollment in Colleges selected for the study during the last four academic years. i.e. from the year 2000-01 to the year 2003-04.**

<i>Course</i>	<i>2000-01</i> Enrolled	<i>2001-02</i> Enrolled	<i>2002-03</i> Enrolled	<i>2003-04</i> Enrolled
IC	15	13	6	24
BT	12	38	30	42
COMP. A.	-	-	-	32
EEM	10	5	9	5
TT	4	15	15	18
MKT.	26	31	24	21
F.TRADE	26	18	10	-
Total	93	120	94	142

**QUESTIONNAIRES FOR VOCATIONAL PROGRAMME AT THE HSS LEVEL ARE AS FOLLOWS:**

Appendix – VIII

**QUESTIONNAIRE**

**Respondents: Student Currently undergoing Vocational course (HSS)**

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1. Name of Student \_\_\_\_\_
2. Sex    a. Male        b. Female
3. Age: \_\_\_\_\_
4. Class \_\_\_\_\_
5. Category:    SC/ ST/OBC/ General/ Physically Handicapped
6. Family monthly income: a) below 2000            b) 2000 – 5000            c) above 5000
7. Parents occupation: a) Fathers: \_\_\_\_\_            b) Mothers \_\_\_\_\_
8. Name of HSS: \_\_\_\_\_
9. What was the main reason for opting for the Vocational Stream?
  - (a) Wage - employment
  - (b) Self- employment
  - (c) Higher education
  - (d) Others (Specify) \_\_\_\_\_
10. Suppose Vocational education was not introduced in your HSS / during admission, you did not get to choose the Vocational Course of your choice, what would you have done?
  - (a) Tried for vocational course in other HSS
  - (b) Discontinued studies
  - (c) Joined the general stream
  - (d) Joined private training institute (like ITI/Computer Course)
  - (e) Started your own business
  - (f) Others (Specify) \_\_\_\_\_
11. Vocational Course opted by you: \_\_\_\_\_
12. What made you to opt for this particular Vocational Course?
  - (a) Liking for the course
  - (b) There is scope for employment
  - (c) Limited choice of Vocational courses offered by the HSS
  - (d) Did not get admission in Vocational course of your choice
  - (e) Did not get admission in the General Stream
  - (f) Did not want to opt for the general stream
  - (g) Others (Specify) \_\_\_\_\_

13. Do you feel your decision to join the vocational course is right?

a. Yes  b. No

If No, Why? (a) lack of wage – employment opportunities

(b) lack of self – employment opportunities

(c) others (Specify) \_\_\_\_\_

14. Rank the teaching faculty vocational course opted by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Teacher for General Foundation Course				
b	Teacher for Vocational Theory				
c	Teacher for Vocational Practical				
d	Instructor during 'On the Job Training'				
e	Guest Lecturer/s for the course ( if any)				

15. Rank the present infrastructure in your School for the vocational course opted by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Class rooms				
b	Laboratory equipment(if used)				
c	Computers				
d	Library facility				
e	Tools & Equipment's(if used)				
f	Teaching Aids(if used)				
g.	Campus				
h.	Others (Specify)				

16. Do you have Instructional materials for the vocational subject opted by you: (Please tick)

		General Foundation Course	Vocational Theory	Vocational Practical
a	Text books			
b	Practical manuals			
c	Instructional aids			
d	Others (Specify)			

17. Do you feel the curriculum of the subject is up to date to meet the requirements of labour/ job market?(Please tick)

		General Foundation Course	Vocational Theory	Vocational Practical
a	up to date			
b	needs little improvement			
c	obsolete			

18. Has 'on the job training' been provided to you?

a. Yes  b. No

19. What was the total duration of the training in an academic year? \_\_\_\_\_ hours/months. &

Name & address of organization/ industry where you underwent the training \_\_\_\_\_

20. How good did you find the practical training provided to you? (Please tick)

(a) Practical training given in School

*Excellent / Good / Satisfactory / Poor*

(b) 'On The Job training' at industry or organization

*Excellent / Good / Satisfactory / Poor*

21. Was the duration of the practical training provided to you during your course sufficient?(Please tick)

(a) Practical training given in School

a. Yes  b. No

(b) 'On The Job training' at industry or organization

a. Yes  b. No

22. Do you have the opportunity of using the latest tools /equipment?

a. Yes  b. No

23. Do you think you can confidently take up the job now with the training provided to you?

a. Yes  b. No

Give reasons: \_\_\_\_\_

24. Is there any provision for Apprenticeship Training after completion of your course?

*Yes / No / Not aware*

25. Are you willing to go in for Apprenticeship Training after completion of your course?

a. Yes  b. No

26. What do you intend to do immediately after completion of your course & Apprenticeship training (if you do it)?

- (a) Start your own business
- (b) Join private firm
- (c) Join higher education
- (d) Others ( specify) \_\_\_\_\_

27. Do you feel your decision to join the vocational course is right?

a. Yes  b. No

If Yes, Why?

- (a) The training provided was good
- (b) The vocation you chose was of your interest
- (b) There is scope for self employment
- (c) There is scope for wage employment
- (d) Others (Specify) \_\_\_\_\_

If No, Why?

- (a) Lack of wage – employment opportunities
- (b) Lack of self – employment opportunities
- (c) Lack of avenues for higher education
- (e) Others (Specify) \_\_\_\_\_

28. Do you feel that the employers are impartial when it comes to recruitment of graduate vocational pass outs to that of professional degree holders?

a. Yes  b. No

Why? \_\_\_\_\_

29. If you were asked to make a comparison between a Graduate vocational pass out with a non vocational passout of the same stream, how would you rank the following in regard to Subject knowledge & OJT: (Please Tick)

		Subject knowledge & On the Job Training
a	Graduate vocational pass out	<i>Excellent / Good / Satisfactory / Poor</i>
b	Professional Degree holder	<i>Excellent / Good / Satisfactory / Poor</i>
c	Polytechnic Passout	<i>Excellent / Good / Satisfactory / Poor</i>
d	ITI's Passout	<i>Excellent / Good / Satisfactory / Poor</i>

30. Opinion of General Foundation Course:

(a) Do you feel the course content of the GFC you studied required improvement?

a. Yes  b. No

(b) Do you feel the knowledge obtained from the GFC is sufficient to help you start your enterprise in future?

a. Yes  b. No

31. Opinion of General Foundation Course Teacher:

(a) Does he/she in anyway motivate you in starting your own business?

a. Yes  b. No

(b) Does he/she in anyway guide you towards starting your own business?

a. Yes  b. No

32. Financial problems:

(a) Did you have any financial problems that stopped you from starting your own business?

a. Yes  b. No

(b) Is there any provision to get financial aid from the government for vocational students to start their own business?

*Yes / No / Not aware*

(d) If yes, are you aware of any difficulties faced by students in obtaining aid from the government:

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33. Do you intend starting your own business immediately after completion of your course?

a. Yes  b. No

34. If No, why? What would be your greatest hindrance in starting your own buz. (Please tick any one of the alternatives provided below)

- (a) Inadequate On the job training provided
- (b) No confidence in yourself to start your own business venture
- (c) Curriculum was of the course was not up to date to meet the requirements of labour/ job market
- (d) Financial problems to start your own business venture
- (e) Course Teacher unable to teach the course effectively
- (f) Others (Specify) \_\_\_\_\_

**QUESTIONNAIRE**

**Respondent: Vocational Past Student (HSS)**

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1. Name of Student \_\_\_\_\_
2. Address : \_\_\_\_\_ Ph.No. \_\_\_\_\_
3. Sex      a. Male            b. Female
4. Age: \_\_\_\_\_
5. Category:      SC / ST / OBC / General / Physically Handicapped
6. Family monthly income: a) below 2000      b) 2000 – 5000      c) above 5000
7. Parents occupation: a) Fathers: \_\_\_\_\_      b) Mothers \_\_\_\_\_
7. Name of Junior College from which passed the vocational course: \_\_\_\_\_
8. Vocational Course studied by you : \_\_\_\_\_
9. Year of passing the vocational course: \_\_\_\_\_
10. Present status:
  - (a) Self Employed.... (Full time / partly employed)
  - (b) Wage employed....(Full time / partly employed)
  - (c) Unemployed
  - (d) Pursuing higher education (mention you're your doing) \_\_\_\_\_

**If Self employed:      (Full time / partly employed)**

Name & address of the business \_\_\_\_\_

Year of starting \_\_\_\_\_

Investment in the business \_\_\_\_\_

Nature of business (Production / Service): \_\_\_\_\_

Monthly Income: \_\_\_\_\_

Sources of Finance for starting business:      family / government / others

Mention some difficulties faced by you in starting the business: \_\_\_\_\_

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How would you express your satisfaction towards the performance of your business:

*Excellent / Good / Satisfactory / Poor*

Do you plan to expand your business in the future?

a. Yes  b. No

Is your business venture related to the vocational course studied by you?

a. Yes  b. No

**If Wage employed: (Full time / partly employed)**

Name & address of the organization where presently working \_\_\_\_\_

You're Designation in the organization \_\_\_\_\_

Nature of job: ( Permanent / Temporary): \_\_\_\_\_

Monthly Income: \_\_\_\_\_

Are you satisfied with your job?

a. Yes  b. No

Is your job related to the vocational course studied by you?

a. Yes  b. No

Is this your first job?

a. Yes  b. No

If No, give details other jobs taken up by you before this:

(a) \_\_\_\_\_  
(b) \_\_\_\_\_

11. What made you choose Vocational Stream to the General Stream?

- (a) Scope for starting your own business (self-employment)
- (b) Scope for getting a job (wage employment)
- (c) Scope for higher education
- (d) Others (specify) \_\_\_\_\_

12. What made you opt for this particular Vocational Course?

- (a) Liking for the course
- (b) There is scope for employment
- (c) Limited choice of courses offered by school
- (d) Didn't get admission in vocational course of your choice
- (e) Didn't get into general stream
- (f) Others (Specify) \_\_\_\_\_

13. Did you do some other course/training after you passed the vocational course?

a. Yes  b. No

If Yes, (give details of courses done) \_\_\_\_\_  
\_\_\_\_\_

14. Is your present job related to the vocational course studied by you at class 12th?

a. Yes  b. No

If No, why? (a) No confidence to take up a job in the same stream  
(b) No sufficient training provided by the School in that stream  
(c) No jobs available in that field  
(d) Others (specify) \_\_\_\_\_

15. Had 'on the job training' been provided to you during your course?

a. Yes  b. No

16. What was the total duration of the training in an academic year? \_\_\_\_\_ hours/months.

Also give Name & address of organization where you did the training  
\_\_\_\_\_

17. How good did you find the practical training provided to you? (Please tick)

(a) Practical training given in school

*Excellent / Good / Satisfactory / Poor*

(b) 'On The Job training' at industry or organization

*Excellent / Good / Satisfactory / Poor*

18. Was the duration of overall practical training provided during your course sufficient to take up a job confidently?

a. Yes  b. No

19. Did you have the opportunity of using the latest tools/equipment relevant to your course?

a. Yes  b. No

20. Did you have the confidence to take up a job after completion of your course?

a. Yes  b. No

21. Was 'Apprenticeship training' provided to you after completion of your course?

*Not aware / Yes / No*

22. Did you go for Apprenticeship Training after completion of your course?

a. Yes  b. No

If yes, name of organization where you underwent the training: \_\_\_\_\_

Also state the amount of stipend received by you during the training. Rs. \_\_\_\_\_ per month.

23. What did you do immediately after completion of your course & Apprenticeship training(if u did it)?

- (a) Started your own business (full time)
- (b) Worked for some firm/ organization (full time)
- (c) Joined general graduation stream
- (d) Did some short course (mention what course) \_\_\_\_\_
- (e) Took up wage – employment and studied (give details) \_\_\_\_\_
- (f) Took up self-employment and studied (give details) \_\_\_\_\_
- (g) Remained Unemployed \_\_\_\_\_

24. Do you feel that the employers are partial when it comes to recruitment of vocational pass outs to that of non vocational pass outs?

- a. Yes  b. No

25. Do you feel your decision to join the vocational course was right?

- a. Yes  b. No

- If No, Why?
- (a) Lack of wage – employment opportunities
  - (b) Lack of self – employment opportunities
  - (c) Lack of avenues for higher education
  - (d) Others (Specify) \_\_\_\_\_

26. Opinion of General Foundation Course:

(a) Do you feel the course content of the GFC you studied required improvement?

- a. Yes  b. No

(b) Did the GFC help you in providing guidelines as to how to start your own enterprise?

- a. Yes  b. No

(c) You feel the knowledge obtained from the GFC was sufficient to help you start your enterprise?

- a. Yes  b. No

27. Opinion of General Foundation Course Teacher:

(a) Has he/she in anyway motivated you in starting your own business?

- a. Yes  b. No

(b) Has he/she in anyway guided you towards starting your own business?

a. Yes  b. No

(c) Do you feel he/she had sufficient subject knowledge to teach the course?

a. Yes  b. No

28. Financial problems:

(a) Did you have any financial problems that stopped you from starting your own business?

a. Yes  b. No

(b) Is there any provision to get financial aid from the government for vocational students to start their own business?

*Yes / No / Not aware*

(c) If yes, was the financial aid given by the govt. easily available?

a. Yes  b. No

(d) If yes, are you aware of any difficulties faced by students in obtaining aid from the government: \_\_\_\_\_

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33. Did you start your own business immediately after completion of your course?

a. Yes  b. No

29. If No, why? Which of the below mentioned alternatives was your greatest hindrance in starting your own buz. (Please tick any one of the alternatives provided below)

- (a) Inadequate On the job training provided
- (b) No confidence in yourself to start your own business venture
- (c) Curriculum was of the course was not up to date to meet the requirements of labour/ job market
- (d) Financial problems to start your own business venture
- (e) Course Teacher unable to teach the course effectively
- (f) Others (Specify) \_\_\_\_\_

30. If you were asked to make a comment as to whether the introduction of vocational education was a success or a failure. What would your comment be?

a. Success  b. Failure

31. Rank the teacher you had in School with respect to her subject knowledge for the vocational course studied by you:

		Excellent	Good	Satisfactory	Poor
a	Teacher for General Foundation Course				
b	Teacher for Vocational Theory				
c	Teacher for Vocational Practical				
d	Instructor during 'On the Job Training'				
e	Guest Lecturer/s for the course ( if any)				

32. Rank the infrastructure you had in School for the vocational course studied by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Class rooms				
b	Laboratory equipment(if used)				
c	Computers				
d	Library facility				
e	Tools & Equipment's (if used)				
g.	Campus				
h.	Others (Specify)				

33. Did you feel the curriculum of the course was up to date to meet the requirements of labour/job market?(Please tick)

		General Foundation Course	Vocational Theory	Vocational Practical
a	up to date			
b	Needed little improvement			
c	Obsolete			

**QUESTIONNAIRE****Respondents: Teaching Faculty (HSS)**

1. Name of Teacher \_\_\_\_\_

2. Designation \_\_\_\_\_

3. Sex    a. Male        b. Female    

4. Age: \_\_\_\_\_

5. Name of School/Junior College in which teaching \_\_\_\_\_

5. Qualification of Teacher: \_\_\_\_\_

6. Date of joining: \_\_\_\_\_

7. Nature of appointment: (Please tick)

- a. Full – time        c. Part- time      
 b. Full - time (permanent)        d. Guest Lecturer

9. Experience in years &amp; course/s taught by you:

	Course taught / Teaching / Nature of work	Experience in years
Vocational course teaching		
Academic subject teaching		
Administrative experience		
Industrial experience		

10. What is your opinion about the Vocational Education Programme which is introduced in the Educational System?

- a. Vital        c. Desirable      
 b. Essential        d. Not Necessary

11. How successfully according to you are the Vocational courses introduced in your Junior College performing?

- a. 70 % to 100%        b. 50% to 70%        c. up to 50%

12. To what extent according to you is the course you are teaching relevant in the present environment :

- a. Very relevant        b. Fairly relevant        c. Not relevant

13. What cooperation do you receive from the Junior college towards the vocational course taught by you? (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Principal				
b	Vice – Principal				
c	Teaching faculty				
d	Office Staff				

14. Attitude of vocational students towards vocational course(s) your teaching:

*Excellent / Good / Satisfactory / Poor*

12. Rank the infrastructure in the School in order to successfully teach the vocational course taught by you (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Library facility				
b	Laboratory equipment				
c	Class rooms				
d	Computers				
e	Tools & Equipment's				
f	Teaching Aids (eg. over head projectors)				
g	Reference Manuals				
h	Others(Specify)				

16. How would you rank/grade yourself with respect to subject knowledge?

*Excellent / Good / Satisfactory / Poor*

21. Did you undergo any special training in the vocational course you are teaching before joining it?

a. Yes  b. No

If Yes , what course/training \_\_\_\_\_

Duration of the training: \_\_\_\_\_

22. Do you think you require any other special training programme for the course your teaching?

a. Yes  b. No

If Yes, specify what course/training \_\_\_\_\_

19. What are some of the major difficulties you face while teaching the course?: \_\_\_\_\_

23. Do you feel the OJT provided to the students is sufficient to take up a job confidently on completion of the vocational course?

a. Yes  b. No

21. Do you feel the students are confident to take up a job by the end of their course

a. Yes  b. No

24. Grade the vocational passout with respect to their overall subject knowledge & training by the end of the course?

*Excellent / Good / Satisfactory / Poor*

23. What changes would you suggest to be made in the syllabus of vocational course/s taught by you? (Use additional sheets if required)

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24. What changes would you suggest to improve the present situation of vocational courses in your School? (Give your valuable suggestions)

(a) Needs more funding . *Yes / No*  
Comment: \_\_\_\_\_

(b) Needs more training for teachers. *Yes / No*  
Comment: \_\_\_\_\_

(c) Needs more infrastructure. *Yes / No*  
Comment: \_\_\_\_\_

(d) Needs more awareness amongst student community. *Yes / No*  
Comment: \_\_\_\_\_

(e) Others(Specify) \_\_\_\_\_

24. Is there any MoU between your School and the industry for the vocational course taught by you?

a. Yes  b. No

(i) Do you feel it is necessary to build a MOU between your School and the industry ?

a. Yes  b. No



(ii) If Yes, would you like to take the initiative to establish one?

a. Yes  b. No

(iii) What would your contribution be towards establishing one? (Mention in brief) \_\_\_\_\_

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(\* **MoU - Memorandum of Understanding**)

25. Has the institute established any facilities for Training Cum Production Centers?

a. Yes  b. No

(i) Do you feel it is necessary to have a Training cum Production Center?

a. Yes  b. No

(ii) If Yes, would you like to take the initiative to establish one?

a. Yes  b. No

(iii) What would your contribution be towards establishing one? (Mention in brief) \_\_\_\_\_

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27. Do you feel students require a good GFC that would motivate them to be good entrepreneurs?

a. Yes  b. No

28. Do you feel the course content of the GFC requires improvement?

a. Yes  b. No

29. Which according to you would be the greatest hindrance faced by students to start your own business venture?

- (a) Inadequate On the job training provided
- (b) Curriculum was of the course which is not up to date to meet the requirements of job market
- (c) No confidence in themselves to start their own business venture
- (d) Financial problems to start their own business venture
- (e) GFC Teacher unable to motivate the student to start their own business
- (f) Others (Specify) \_\_\_\_\_

30. If you were asked to make a comment as to whether the introduction of vocational education was a success or a failure. What would your comment be?

a. Success  b. Failure

**QUESTIONNAIRE**

**Respondents: Head of Educational Institution (HSS)**

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1. Name \_\_\_\_\_
2. Sex    a. Male        b. Female
3. Age: \_\_\_\_\_
5. Educational Qualification \_\_\_\_\_
6. Area of Specialisation \_\_\_\_\_
7. Date of joining the present School/Junior College \_\_\_\_\_
8. Total no. of years as Head of the Institution \_\_\_\_\_
9. Institute Identification:
  - (a) Name of Junior College \_\_\_\_\_
  - (b) Location of Institute    Rural     Urban     Semi Urban
  - (c) Year of establishment \_\_\_\_\_
  - (e) Total student strength of the institution \_\_\_\_\_
10. Type of Management : (Please tick)
  - a. Government
  - b. Non – Govt. aided
  - c. Non – Govt. unaided
  - d. Others (Please specify)
11. Year of introduction of vocational stream in the college: \_\_\_\_\_
11. What is your opinion about the Vocational Education Programme which is introduced in the Educational System?
  - a. Vital
  - b. Essential
  - c. Desirable
  - d. Not Necessary
12. What made you introduce vocational education in your Junior College?
  - (a) You felt students require vocational training
  - (b) Students could get themselves employment
  - (c) Due to encouragement by State Govt./Central Govt./UGC through financial assistance
  - (a) Due to strong linkages of your institution with the local industry
  - (e) Others. Specify \_\_\_\_\_

13. How successfully according to you are the Vocational subjects introduced in your Junior College performing?

- a. 70.% to 100%  b. 50% to 70%  c. up to 50%

13. Did your teaching staff teaching vocational courses undergo any kind of special training before teaching?

- a. Yes  b. No

14. Grade the teaching faculty teaching the GFC in your institute

*Excellent / Good / Satisfactory / Poor*

15. Do you provide 'On the job training' to your students?

- a. Yes  b. No

If **yes**, do you think the training provided to them is adequate for taking up a job?

If **no**, why is training not provided to them? \_\_\_\_\_

16. Is Apprenticeship Training provided to students after completion of the course?

- a. Yes  b. No

If **Yes**, how much stipend is given to them? Rs. \_\_\_\_\_

17. Is there any arrangement to provide Guidance and Counseling to your students?

- a. Yes  b. No

If **Yes**, do you have trained and experienced staff to Guide and Counsel students?

- a. Yes  b. No

18. Do you think there should be some arrangement made to provide job opportunities for the vocational Pass outs?

- a. Yes  b. No

If **yes**, comment as to what could be done \_\_\_\_\_

18. Is there any MoU by your School with employing establishments to place students for training ?

- a. Yes  b. No

If Yes, give details of this School – Industry Linkage maintained:

	Name of the course	Name of the Industry	Kind of Linkage or Understanding
1.			
2.			
3.			

19. Have you established any facilities for production of goods and services ?

a. Yes  b. No

If Yes, give details \_\_\_\_\_

If No, give reasons for not starting \_\_\_\_\_

20. Has general awareness of any kind been created among various segments of people about the objectives and the implications of the Vocational Education Programme?

a. Yes  b. No

If Yes, give details of the kind of awareness created and amongst which segments of people : \_\_\_\_\_

22. Give details of course-wise, textual and non – textual instructional material prepared by your Junior College. (If any)(Use additional sheets if required)

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23. To what extent according to you are the vocational course/s being taught in your School relevant in the present environment : (Please tick)

a. Very relevant  b. Fairly relevant  c. Not relevant

24. What changes would you suggest to be made in the syllabus of vocational courses taught in your School (Use additional sheets if required)

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25. What changes would you suggest to improve the present situation of vocational education introduced in your Junior College? (Give your valuable suggestions)

- (a) Needs more funding . Yes / No  
 Comment: \_\_\_\_\_
- (b) Needs more training for teachers. Yes / No  
 Comment: \_\_\_\_\_
- (c) Needs more infrastructure. Yes / No  
 Comment: \_\_\_\_\_
- (d) Needs more awareness amongst student community. Yes / No  
 Comment: \_\_\_\_\_
- (e) Others(Specify) \_\_\_\_\_

26. Which are all the funding agencies (UGC/ State Govt./Industry/any other establishment) that fund the vocational Education Programme in your Schol? & how much funds do you receive from these agencies? Give Details.

Funding Agency	Period for which funds received (years / months)	Amount of Funds Received at the time of introduction of course	Amount of Funds Received on a yearly basis from then on	Total Amount Received	Did you receive the funds regularly and in time	Was the amount sanctioned adequate to carry out the courses?

27. How well are you managing after your funds ceased? State difficulties faced by you if any:

\_\_\_\_\_

28. Do you feel the knowledge obtained by students from the GFC is sufficient to help them start their own business enterprise?

- a. Yes  b. No

29. Do you feel the course content of the GFC requires improvement?

- a. Yes  b. No

30. Which according to you would be the greatest hindrance faced by students to start your own business venture? .....

- (a) Inadequate On the job training provided  
 (b) Curriculum was of the course which is not up to date to meet the requirements of job market  
 (c) No confidence in themselves to start their own business venture  
 (d) Financial problems to start their own business venture  
 (e) GFC Teacher unable to motivate the student to start their own business  
 (f) Others (Specify) \_\_\_\_\_

31. Which new vocational courses according to you could be introduced? & why would you suggest these courses to be introduced?

Course Name		Reason
a		
b		

31. Do any of the vocational subjects at the +2 level have a link to vocational courses at the graduation level?

a. Yes  b. No

Comment: \_\_\_\_\_

33. Name the Vocational Subjects introduced in your School & total student strength and course wise position of teachers for the academic year 2000-01:

	Name of vocational course	No. of Teachers				No. of Students			
						XI th Standard		XII th Standard	
		FTT	FTP	PT	Guest Lecturers	Boys	Girls	Boys	Girls
a									
b									
c									
d									

2001-02

	Name of vocational course	No. of Teachers				No. of Students			
						XI th Standard		XII th Standard	
		FTT	FTP	PT	Guest Lecturers	Boys	Girls	Boys	Girls
a									
b									
c									
d									

2002-03

	Name of vocational course	No. of Teachers				No. of Students			
						XI th Standard		XII th Standard	
		FTT	FTP	PT	Guest Lecturers	Boys	Girls	Boys	Girls
a									
b									
c									
d									

2003- 04

	Name of vocational course	No. of Teachers				No. of Students			
						XI th Standard		XII th Standard	
		FTT	FTP	PT	Guest Lecturers	Boys	Girls	Boys	Girls
a									
b									
c									
d									

\* FTT- Full Time Temporary

\* FTP –Full Time Permanent

\* PT – Part Time

34. Course wise XIIth Standard Final Examination details:

	Name of vocational course	2000-2001				2001-2002				2002-2003			
		Appeared		Passed		Appeared		Passed		Appeared		Passed	
		Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
a													
b													
c													
d													

\* Kindly issue details for the year 2003- 2004 in a similar format.

# QUESTIONNAIRES FOR VOCATIONAL PROGRAMME AT THE COLLEGE LEVEL:

Appendix - XII

## QUESTIONNAIRE

Respondents: Student Currently undergoing Vocational Subject

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1. Name of Student \_\_\_\_\_

2. Sex a. Male  b. Female

25. Age: \_\_\_\_\_

26. Class \_\_\_\_\_

27. Category: SC/ ST/OBC/ General/ Physically Handicapped

28. Family monthly income: a) below 2000      b) 2000 – 5000      c) above 5000

29. Parents occupation: a) Fathers: \_\_\_\_\_ b) Mothers \_\_\_\_\_

30. Name of College: \_\_\_\_\_

31. What was the main reason for opting for the Vocational Stream?

(e) Wage - employment

(f) Self- employment

(g) Higher education

(h) Others (Specify) \_\_\_\_\_

32. Suppose Vocational education was not introduced in your College / during admission, you did not get to choose the Vocational Course of your choice, what would you have done?

(a) Tried for vocational course in other College

(b) Discontinued studies

(d) Joined the general stream

(d) Joined private training institute (like ITI/Computer Course)

(e) Started your own business

(g) Others (Specify) \_\_\_\_\_

33. Vocational Subject opted by you: \_\_\_\_\_

34. What made you to opt for this particular Vocational Subject?

(a) Liking for the subject

(b) There is scope for employment

(h) Limited choice of Vocational subjects offered by the College

(i) Did not get admission in Vocational subject of your choice

(j) Did not get admission in the Professional College

(k) Did not want to opt for the general graduation stream

(l) Others (Specify) \_\_\_\_\_



35. Do you feel your decision to join the vocational course is right?

a. Yes  b. No

If No, Why? (a) lack of wage – employment opportunities  
 (b) lack of self – employment opportunities  
 (c) others (Specify) \_\_\_\_\_

36. Rank the teaching faculty vocational subject opted by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Teacher for Entrepreneurship Development Subject				
b	Teacher for Vocational Theory				
c	Teacher for Vocational Practical				
d	Instructor during 'On the Job Training'				
e	Guest Lecturer/s for the course ( if any)				

37. Rank the present infrastructure in your College for the vocational subject opted by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Class rooms				
b	Laboratory equipment(if used)				
c	Computers				
d	Library facility				
e	Tools & Equipment's(if used)				
f	Teaching Aids(if used)				
g.	Campus				
h.	Others (Specify)				

38. Do you have Instructional materials for the vocational subject opted by you: (Please tick)

		Entrepreneurship Development Subject	Vocational Theory	Vocational Practical
a	Text books			
b	Practical manuals			
c	Instructional aids			
d	Others (Specify)			

39. Do you feel the curriculum of the subject is up to date to meet the requirements of labour/ job market?(Please tick)

		Entrepreneurship Development Subject	Vocational Theory	Vocational Practical
a	up to date			
b	needs little improvement			
c	obsolete			

40. Has 'on the job training' been provided to you?

a. Yes  b. No

41. What was the total duration of the training in an academic year? \_\_\_\_\_ hours/months. &

Name & address of organization/ industry where you underwent the training \_\_\_\_\_

42. How good did you find the practical training provided to you? (Please tick)

(a) Practical training given in College

*Excellent / Good / Satisfactory / Poor*

(b) 'On The Job training' at industry or organization

*Excellent / Good / Satisfactory / Poor*

21. Was the duration of the practical training provided to you during your course sufficient?(Please tick)

(a) Practical training given in College

a. Yes  b. No

(b) 'On The Job training' at industry or organization

a. Yes  b. No

22. Do you have the opportunity of using the latest tools /equipment?

a. Yes  b. No

23. Do you think you can confidently take up the job now with the training provided to you?

a. Yes  b. No

Give reasons: \_\_\_\_\_

24. Is there any provision for Apprenticeship Training after completion of your course?

*Yes / No / Not aware*

25. Are you willing to go in for Apprenticeship Training after completion of your course?

a. Yes  b. No

26. What do you intend to do immediately after completion of your course & Apprenticeship training (if you do it)?

- (a) Start your own business
- (b) Join private firm
- (c) Join higher education
- (d) Others ( specify) \_\_\_\_\_

27. Do you feel your decision to join the vocational course is right?

a. Yes  b. No

If Yes, Why?

- (a) The training provided was good
- (b) The vocation you chose was of your interest
- (f) There is scope for self employment
- (g) There is scope for wage employment
- (h) Others (Specify) \_\_\_\_\_

If No, Why?

- (a) Lack of wage – employment opportunities
- (b) Lack of self – employment opportunities
- (c) Lack of avenues for higher education
- (i) Others (Specify) \_\_\_\_\_

28. Do you feel that the employers are impartial when it comes to recruitment of graduate vocational pass outs to that of professional degree holders?

a. Yes  b. No

Why? \_\_\_\_\_

29. If you were asked to make a comparison between a Graduate vocational pass out with a non vocational passout of the same stream, how would you rank the following in regard to Subject knowledge & OJT: (Please Tick)

		Subject knowledge & On the Job Training
a	Graduate vocational pass out	<i>Excellent / Good / Satisfactory / Poor</i>
b	Professional Degree holder	<i>Excellent / Good / Satisfactory / Poor</i>
c	Polytechnic Passout	<i>Excellent / Good / Satisfactory / Poor</i>
d	ITI's Passout	<i>Excellent / Good / Satisfactory / Poor</i>

30. Opinion of Entrepreneurship Development Subject(EDS):

(a) Do you feel the course content of the EDS you studied required improvement?

a. Yes  b. No

(b) Do you feel the knowledge obtained from the EDS is sufficient to help you start your enterprise in future?

a. Yes  b. No

31. Opinion of Entrepreneurship Development Subject Teacher:

(a) Does he/she in anyway motivate you in starting your own business?

a. Yes  b. No

(b) Does he/she in anyway guide you towards starting your own business?

a. Yes  b. No

32. Financial problems:

(a) Did you have any financial problems that stopped you from starting your own business?

a. Yes  b. No

(b) Is there any provision to get financial aid from the government for vocational students to start their own business?

*Yes / No / Not aware*

(d) If yes, are you aware of any difficulties faced by students in obtaining aid from the government:

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33. Do you intend starting your own business immediately after completion of your course?

a. Yes  b. No

34. If No, why? What would be your greatest hindrance in starting your own buz. (Please tick any one of the alternatives provided below)

- (a) Inadequate On the job training provided
- (b) No confidence in yourself to start your own business venture
- (c) Curriculum was of the course was not up to date to meet the requirements of labour/ job market
- (d) Financial problems to start your own business venture
- (e) Course Teacher unable to teach the course effectively
- (f) Others (Specify) \_\_\_\_\_

**QUESTIONNAIRE**

**Respondent: Vocational Past Student**

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1. Name of Student \_\_\_\_\_
2. Address : \_\_\_\_\_ Ph.No. \_\_\_\_\_
3. Sex      a. Male            b. Female
4. Age: \_\_\_\_\_
8. Category:      SC / ST / OBC / General / Physically Handicapped
9. Family monthly income: a) below 2000      b) 2000 – 5000      c) above 5000
10. Parents occupation: a) Fathers: \_\_\_\_\_      b) Mothers \_\_\_\_\_
7. Name of College from which passed the vocational course: \_\_\_\_\_
8. Vocational Course studied by you : \_\_\_\_\_
9. Year of passing the vocational course: \_\_\_\_\_
10. Present status:
- (a) Self Employed.... (Full time / partly employed)
  - (b) Wage employed....(Full time / partly employed)
  - (c) Unemployed
  - (d) Pursuing higher education (mention you're your doing) \_\_\_\_\_

**If Self employed:      (Full time / partly employed)**

Name & address of the business \_\_\_\_\_

Year of starting \_\_\_\_\_

Investment in the business \_\_\_\_\_

Nature of business (Production / Service): \_\_\_\_\_

Monthly Income: \_\_\_\_\_

Sources of Finance for starting business:      family / government / others

Mention some difficulties faced by you in starting the business: \_\_\_\_\_

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How would you express your satisfaction towards the performance of your business:

*Excellent / Good / Satisfactory / Poor*

Do you plan to expand your business in the future?

a. Yes  b. No

Is your business venture related to the vocational course studied by you?

a. Yes  b. No

**If Wage employed: (Full time / partly employed)**

Name & address of the organization where presently working \_\_\_\_\_

Your Designation in the organization \_\_\_\_\_

Nature of job: ( Permanent / Temporary): \_\_\_\_\_

Monthly Income: \_\_\_\_\_

Are you satisfied with your job?

a. Yes  b. No

Is your job related to the vocational course studied by you?

a. Yes  b. No

Is this your first job?

a. Yes  b. No

If No, give details other jobs taken up by you before this:

(a) \_\_\_\_\_  
(b) \_\_\_\_\_

11. What made you choose Vocational Stream to the General Graduation Stream?

- (c) Scope for starting your own business (self-employment)
- (d) Scope for getting a job (wage employment)
- (c) Scope for higher education
- (d) Others (specify) \_\_\_\_\_

12. What made you opt for this particular Vocational Subject?

- (a) Liking for the subject
- (b) There is scope for employment
- (c) Limited choice of vocational subjects offered by College
- (d) Didn't get admission in vocational subject of your choice
- (e) Didn't get into Professional College
- (f) Others (Specify) \_\_\_\_\_

13. Did you do some other course/training after you passed the vocational course?

a. Yes  b. No

If Yes, (give details of courses done) \_\_\_\_\_  
\_\_\_\_\_

14. Is your present job related to the vocational course studied by you at class 12th?

a. Yes  b. No

If No, why? (a) No confidence to take up a job in the same stream  
(b) No sufficient training provided by the School in that stream  
(c) No jobs available in that field  
(d) Others (specify) \_\_\_\_\_

15. Had 'on the job training' been provided to you during your course?

a. Yes  b. No

16. What was the total duration of the training in an academic year? \_\_\_\_\_ hours/months.

Also give Name & address of organization where you did the training  
\_\_\_\_\_

17. How good did you find the practical training provided to you? (Please tick)

(a) Practical training given in College

*Excellent / Good / Satisfactory / Poor*

(b) 'On The Job training' at industry or organization

*Excellent / Good / Satisfactory / Poor*

18. Was the duration of overall practical training provided during your course sufficient to take up a job confidently?

a. Yes  b. No

19. Did you have the opportunity of using the latest tools/equipment relevant to your course?

a. Yes  b. No

20. Did you have the confidence to take up a job after completion of your course?

a. Yes  b. No

21. Was 'Apprenticeship training' provided to you after completion of your course?

*Not aware / Yes / No*

22. Did you go for Apprenticeship Training after completion of your course?

a. Yes  b. No

If yes, name of organization where you underwent the training: \_\_\_\_\_

Also state the amount of stipend received by you during the training. Rs. \_\_\_\_\_ per month.

23. What did you do immediately after completion of your course & Apprenticeship training(if u did it)?

- (a) Started your own business (full time)
- (b) Worked for some firm/ organization (full time)
- (c) Joined general graduation stream
- (d) Did some short course (mention what course) \_\_\_\_\_
- (e) Took up wage – employment and studied (give details) \_\_\_\_\_
- (f) Took up self-employment and studied (give details) \_\_\_\_\_
- (g) Remained Unemployed \_\_\_\_\_

24. Do you feel that the employers are partial when it comes to recruitment of vocational pass outs to that of non vocational pass outs?

- a. Yes  b. No

25. Do you feel your decision to join the vocational course was right?

- a. Yes  b. No

- If No, Why? (a) Lack of wage – employment opportunities  
(b) Lack of self – employment opportunities  
(c) Lack of avenues for higher education  
(d) Others (Specify) \_\_\_\_\_

26. Opinion of Entrepreneurship Development Subject(EDS):

(a) Do you feel the course content of the EDS you studied required improvement?

- a. Yes  b. No

(b) Did the EDS help you in providing guidelines as to how to start your own enterprise?

- a. Yes  b. No

(c) You feel the knowledge obtained from the EDS was sufficient to help you start your enterprise?

- a. Yes  b. No

27. Opinion of Entrepreneurship Development Subject Teacher:

(a) Has he/she in anyway motivated you in starting your own business?

- a. Yes  b. No



(b) Has he/she in anyway guided you towards starting your own business?

a. Yes  b. No

(c) Do you feel he/she had sufficient subject knowledge to teach the course?

a. Yes  b. No

28. Financial problems: \_\_\_\_\_

(a) Did you have any financial problems that stopped you from starting your own business?

a. Yes  b. No

(b) Is there any provision to get financial aid from the government for vocational students to start their own business?

*Yes / No / Not aware*

(c) If yes, was the financial aid given by the govt. easily available?

a. Yes  b. No

(d) If yes, are you aware of any difficulties faced by students in obtaining aid from the government: \_\_\_\_\_

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33. Did you start your own business immediately after completion of your course?

a. Yes  b. No

29. If No, why? Which of the below mentioned alternatives was your greatest hindrance in starting your own biz. (Please tick any one of the alternatives provided below)

- (a) Inadequate On the job training provided
- (b) No confidence in yourself to start your own business venture
- (c) Curriculum was of the course was not up to date to meet the requirements of labour/ job market
- (d) Financial problems to start your own business venture
- (e) Course Teacher unable to teach the course effectively
- (f) Others (Specify) \_\_\_\_\_

30. If you were asked to make a comment as to whether the introduction of vocational education was a success or a failure. What would your comment be?

a. Success  b. Failure

31. Rank the teacher you had in College with respect to her subject knowledge for the vocational subject studied by you:

		Excellent	Good	Satisfactory	Poor
a	Teacher for Entrepreneurship Development Subject				
b	Teacher for Vocational Theory				
c	Teacher for Vocational Practical				
d	Instructor during 'On the Job Training'				
e	Guest Lecturer/s for the course ( if any)				

32. Rank the infrastructure you had in College for the vocational course studied by you: (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Class rooms				
b	Laboratory equipment(if used)				
c	Computers				
d	Library facility				
e	Tools & Equipment's (if used)				
g	Campus				
h	Others (Specify)				

33. Did you feel the curriculum of the course was up to date to meet the requirements of labour/job market?(Please tick)

		Entrepreneurship Development Subject	Vocational Theory	Vocational Practical
a	up to date			
b	Needed little improvement			
c	Obsolete			

**QUESTIONNAIRE**

**Respondents: Teaching Faculty**

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3. Name of Teacher \_\_\_\_\_

4. Designation \_\_\_\_\_

3. Sex a. Male  b. Female

4. Age: \_\_\_\_\_

5. Name of College in which teaching \_\_\_\_\_

8. Qualification of Teacher: \_\_\_\_\_

9. Date of joining: \_\_\_\_\_

10. Nature of appointment: (Please tick)

- a. Full – time  c. Part- time   
 b. Full - time (permanent)  d. Guest Lecturer

9. Experience in years & course/s taught by you:

	Course taught / Teaching / Nature of work	Experience in years
Vocational subject teaching		
Academic subject teaching		
Administrative experience		
Industrial experience		

10. What is your opinion about the Vocational Education Programme which is introduced in the Educational System?

- a. Vital  c. Desirable   
 b. Essential  d. Not Necessary

11. How successfully according to you are the Vocational courses introduced in your College performing?

- a. 70 % to 100%  b. 50% to 70%  c. up to 50%

12. To what extent according to you is the course you are teaching relevant in the present environment :

- a. Very relevant  b. Fairly relevant  c. Not relevant

13. What cooperation do you receive from the college towards the vocational subject taught by you? (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Principal				
b	Vice – Principal				
c	Teaching faculty				
d	Office Staff				

14. Attitude of vocational students towards vocational subject(s) your teaching:

*Excellent / Good / Satisfactory / Poor*

21. Rank the infrastructure in the School in order to successfully teach the vocational subject taught by you (Please tick)

		Excellent	Good	Satisfactory	Poor
a	Library facility				
b	Laboratory equipment				
c	Class rooms				
d	Computers				
e	Tools & Equipment's				
f	Teaching Aids (eg. over head projectors)				
g	Reference Manuals				
h	Others(Specify)				

16. How would you rank/grade yourself with respect to subject knowledge?

*Excellent / Good / Satisfactory / Poor*

43. Did you undergo any special training in the vocational subject you are teaching before joining it?

a. Yes  b. No

If Yes , what course/training \_\_\_\_\_

Duration of the training: \_\_\_\_\_

44. Do you think you require any other special training programme for the course your teaching?

a. Yes  b. No

If Yes, specify what course/training \_\_\_\_\_

19. What are some of the major difficulties you face while teaching the course?: \_\_\_\_\_

45. Do you feel the OJT provided to the students is sufficient to take up a job confidently on completion of the vocational course?

a. Yes  b. No

21. Do you feel the students are confident to take up a job by the end of their course

a. Yes  b. No

46. Grade the vocational passout with respect to their overall subject knowledge & training by the end of the course?

*Excellent / Good / Satisfactory / Poor*

26. What changes would you suggest to be made in the syllabus of vocational subject/s taught by you? (Use additional sheets if required)

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24. What changes would you suggest to improve the present situation of vocational subject in your College? (Give your valuable suggestions)

(f) Needs more funding . *Yes / No*  
Comment: \_\_\_\_\_

(g) Needs more training for teachers. *Yes / No*  
Comment: \_\_\_\_\_

(h) Needs more infrastructure. *Yes / No*  
Comment: \_\_\_\_\_

(i) Needs more awareness amongst student community. *Yes / No*  
Comment: \_\_\_\_\_

(e) Others(Specify) \_\_\_\_\_

27. Is there any MoU between your College and the industry for the vocational subject taught by you?

a. Yes  b. No

(i) Do you feel it is necessary to build a MOU between your College and the industry ?

a. Yes  b. No

(ii) If Yes, would you like to take the initiative to establish one?

a. Yes  b. No

(iii) What would your contribution be towards establishing one? (Mention in brief) \_\_\_\_\_

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**(\* MoU - Memorandum of Understanding)**

28. Has the institute established any facilities for Training Cum Production Centers?

a. Yes  b. No

(i) Do you feel it is necessary to have a Training cum Production Center?

a. Yes  b. No

(ii) If Yes, would you like to take the initiative to establish one?

a. Yes  b. No

(iii) What would your contribution be towards establishing one? (Mention in brief) \_\_\_\_\_

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27. Do you feel students require a good EDS that would motivate them to be good entrepreneurs?

a. Yes  b. No

29. Do you feel the course content of the GFC requires improvement?

a. Yes  b. No

29. Which according to you would be the greatest hindrance faced by students to start your own business venture?

(a) Inadequate On the job training provided

(b) Curriculum was of the course which is not up to date to meet the requirements of job market

(c) No confidence in themselves to start their own business venture

(d) Financial problems to start their own business venture

(e) EDS Teacher unable to motivate the student to start their own business

(f) Others (Specify) \_\_\_\_\_

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30. If you were asked to make a comment as to whether the introduction of vocational education was a success or a failure. What would your comment be?

a. Success  b. Failure

**QUESTIONNAIRE**

**Respondents: Head of Educational Institution**

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1. Name \_\_\_\_\_

2. Sex a. Male  b. Female

3. Age: \_\_\_\_\_

12. Educational Qualification \_\_\_\_\_

13. Area of Specialisation \_\_\_\_\_

14. Date of joining the present College \_\_\_\_\_

15. Total no. of years as Head of the Institution \_\_\_\_\_

16. Institute Identification:

(a) Name of College \_\_\_\_\_

(b) Location of Institute Rural  Urban  Semi Urban

(c) Year of establishment \_\_\_\_\_

(j) Total student strength of the institution \_\_\_\_\_

17. Type of Management : (Please tick)

a. Government  c. Non – Govt. unaided

b. Non – Govt. aided  d. Others (Please specify)

18. Year of introduction of vocational stream in the college: \_\_\_\_\_

11. What is your opinion about the Vocational Education Programme which is introduced in the Educational System?

a. Vital  c. Desirable

b. Essential  d. Not Necessary

12. What made you introduce vocational education in your College?

(a) You felt students require vocational training

(b) Students could get themselves employment

(c) Due to encouragement by State Govt./Central Govt./UGC through financial assistance

(a) Due to strong linkages of your institution with the local industry

(e) Others. Specify \_\_\_\_\_

13. How successfully according to you are the Vocational subjects introduced in your College performing?

- a. 70.% to 100%  b. 50% to 70%  c. up to 50%

22. Did your teaching staff teaching vocational subjects undergo any kind of special training before teaching?

- a. Yes  b. No

23. Grade the teaching faculty teaching the EDS in your institute

*Excellent / Good / Satisfactory / Poor*

24. Do you provide 'On the job training' to your students?

- a. Yes  b. No

If **yes**, do you think the training provided to them is adequate for taking up a job?

If **no**, why is training not provided to them? \_\_\_\_\_  
\_\_\_\_\_

25. Is Apprenticeship Training provided to students after completion of the course?

- a. Yes  b. No

If **Yes**, how much stipend is given to them? Rs. \_\_\_\_\_

26. Is there any arrangement to provide Guidance and Counseling to your students?

- a. Yes  b. No

If **Yes**, do you have trained and experienced staff to Guide and Counsel students?

- a. Yes  b. No

18. Do you think there should be some arrangement made to provide job opportunities for the vocational Pass outs?

- a. Yes  b. No

If **yes**, comment as to what could be done \_\_\_\_\_  
\_\_\_\_\_

27. Is there any MoU by your College with employing establishments to place students for training ?

- a. Yes  b. No



If Yes, give details of this Institute – Industry Linkage maintained:

	Name of the course	Name of the Industry	Kind of Linkage or Understanding
1.			
2.			
3.			

28. Have you established any facilities for production of goods and services ?

a. Yes  b. No

If Yes, give details \_\_\_\_\_

If No, give reasons for not starting \_\_\_\_\_

29. Has general awareness of any kind been created among various segments of people about the objectives and the implications of the Vocational Education Programme?

a. Yes  b. No

If Yes, give details of the kind of awareness created and amongst which segments of people : \_\_\_\_\_

22. Give details of course-wise, textual and non – textual instructional material prepared by your College. (If any)(Use additional sheets if required)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

23. To what extent according to you are the vocational subject/s being taught in your College relevant in the present environment : (Please tick)

b. Very relevant  b. Fairly relevant  c. Not relevant

24. What changes would you suggest to be made in the syllabus of vocational subject taught in your College (Use additional sheets if required)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

25. What changes would you suggest to improve the present situation of vocational education introduced in your College? (Give your valuable suggestions)

- (a) Needs more funding . Yes / No  
 Comment: \_\_\_\_\_
- (b) Needs more training for teachers. Yes / No  
 Comment: \_\_\_\_\_
- (c) Needs more infrastructure. Yes / No  
 Comment: \_\_\_\_\_
- (d) Needs more awareness amongst student community. Yes / No  
 Comment: \_\_\_\_\_
- (e) Others(Specify) \_\_\_\_\_

26. Which are all the funding agencies (UGC/ State Govt./Industry/any other establishment) that fund the vocational Education Programme in your College? & how much funds do you receive from these agencies? Give Details.

Funding Agency	Period for which funds received (years / months)	Amount of Funds Received at the time of introduction of course	Amount of Funds Received on a yearly basis from then on	Total Amount Received	Did you receive the funds regularly and in time	Was the amount sanctioned adequate to carry out the courses?

29. How well are you managing after your funds ceased? State difficulties faced by you if any:

\_\_\_\_\_

28. Do you feel the knowledge obtained by students from the EDS is sufficient to help them start their own business enterprise?

- a. Yes  b. No

29. Do you feel the course content of the EDS requires improvement?

- a. Yes  b. No

30. Which according to you would be the greatest hindrance faced by students to start your own business venture?

- (a) Inadequate On the job training provided  
 (b) Curriculum was of the course which is not up to date to meet the requirements of job market  
 (c) No confidence in themselves to start their own business venture  
 (d) Financial problems to start their own business venture  
 (e) EDS Teacher unable to motivate the student to start their own business  
 (f) Others (Specify) \_\_\_\_\_

31. Which new vocational courses according to you could be introduced? & why would you suggest these courses to be introduced?

Course Name	Reason
a	
b	

32. Do any of the vocational subjects at the +2 level have a link to vocational courses at the graduation level?

a. Yes  b. No

Comment: \_\_\_\_\_

33. Name the Vocational Subjects introduced in your College & total student strength and course wise position of teachers for the academic year 2000-01:

	Name of vocational subject	No. of Teachers				No. of Students					
		FTT	FTP	PT	Guest Lecturers	1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year	
						Boys	Girls	Boys	Girls	Boys	Girls
a											
b											
c											
d											

2001-02

	Name of vocational subject	No. of Teachers				No. of Students					
		FTT	FTP	PT	Guest Lecturer	1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year	
						Boys	Girls	Boys	Girls	Boys	Girls
a											
b											
c											
d											

2002-03

	Name of vocational subject	No. of Teachers				No. of Students					
						1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year	
		FTT	FTP	PT	Guest Lecturer	Boys	Girls	Boys	Girls	Boys	Girls
a											
b											
c											
d											

2003- 04

	Name of vocational subject	No. of Teachers				No. of Students					
						1 <sup>st</sup> Year		2 <sup>nd</sup> Year		3 <sup>rd</sup> Year	
		FTT	FTP	PT	Guest Lecturers	Boys	Girls	Boys	Girls	Boys	Girls
a											
b											
c											
d											

\* FTT- Full Time Temporary

\* FTP –Full Time Permanent

\* PT – Part Time

34. Course wise Third Year Final Examination details:

	Name of vocational course	2000-2001				2001-2002				2002-2003			
		Appeared		Passed		Appeared		Passed		Appeared		Passed	
		Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys
a													
b													
c													
d													

\* Kindly issue details for the year 2003- 2004 in a similar format.

**QUESTIONNAIRE**

**Respondent: Industrialists**

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1. Name of Employer \_\_\_\_\_

2. Designation : \_\_\_\_\_

3. Name & address of Firm \_\_\_\_\_

4. Does your firm provide On the Job Training to Vocational students?

a. Yes  b. No

5. How many vocational students does your firm train every year? \_\_\_\_\_

6. Comment on the attitude or interest of these students towards the training in the field:

*Excellent / Good / Satisfactory / Poor*

7. What do you personally feel about the Performance of these students at the end of their training period?

*Excellent / Good / Satisfactory / Poor*

8. What is the nature of the jobs done by these vocational students in your firm?

(a) \_\_\_\_\_  
(b) \_\_\_\_\_  
(c) \_\_\_\_\_

9. Do u have Job Placement for these students after the completion of their training in your Organisation?

a. Yes  b. No

10. Has your firm employed any vocational passouts so far?

a. Yes  b. No

If Yes, how many? \_\_\_\_\_

And in which disciplinary areas? \_\_\_\_\_

(Kindly enclose Name of the vocational Students absorbed by your firm : Use additional sheets if necessary)

11. Do you feel the students are confident to take up a job in the same field by the end of their training?

a. Yes  b. No

12. Do you feel the On the Job training provided to them at your firm is sufficient for them to take up a job confidently?

a. Yes  b. No

13. Do you feel the curriculum of their courses is up to date to meet the requirements of today's job market?

a. Yes  b. No

14. Would you suggest some changes to be made in their curriculum to meet today's job market?

a. Yes  b. No

If Yes, what changes would you suggest? ( Use additional sheets if necessary)

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15. What is your opinion about the introduction of vocational education in the general education system?

a. Vital  c. Desirable   
b. Essential  d. Not Necessary

16. What is your opinion about the introduction of Vocational Education in comparison to getting a degree in that particular field ?

(a) A degree is a must  
(b) Vocational education is a must

17. Which new vocational courses do you feel should be introduced , which according to you would have scope for employment in Goa?

(a) \_\_\_\_\_

(b) \_\_\_\_\_

18. Which are the kind of jobs that have demand for employees and which have no skilled and train your organization

(a) \_\_\_\_\_

(b) \_\_\_\_\_

19. Employee situation & Performance of employees in your organization: (Please tick)

		No. of Employee	Excellent	Good	Satisfactory	Poor
a	Vocational passouts after 10+2 vocational course					
b	Graduate vocational passouts with vocational subjects					
c	ITI's passout					
d	Polytech's passout					
e	General graduates					
f	Professional degree holders					

20. Which are the different types of jobs for which you require employees?

	Type of job	Type of education and skill required to perform the job
a		
b		
c		

**Options:**

- (a) Professional Degree holders with no work experience
- (b) Professional Degree holders with work experience
- (c) Graduate Vocational pass outs with no work experience
- (d) Graduate Vocational pass outs with work experience
- (e) 12<sup>th</sup> pass Vocational pass outs with work experience
- (f) Others (specify) \_\_\_\_\_

21. What is the Company's present training policy?

- (a) Training before joining
- (b) Training after joining
- (c) On the job training

22. Give your opinion about vocational pass outs:

- (a) Knowledgeable and competent to do the job
- (b) Fairly knowledgeable & fairly competent to do the job
- (c) Poorly knowledgeable & not competent to do the job

23. Which new courses do you feel should be introduced, which according to you would have scope for employment/ self-employment in Goa?

- (a) \_\_\_\_\_
- (b) \_\_\_\_\_
- (c) \_\_\_\_\_