CHAPTER VII: SUMMARY AND CONCLUSIONS

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. Whereas 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 confidant and competent entrepreneurs is partially true as very few of those self employed were found to be enterprising, confidant 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 form 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

Non-formal/Open Learning System

Formal System

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

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.

<table>
<thead>
<tr>
<th>Course</th>
<th>2000-01</th>
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<th>2003-04</th>
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<td>117</td>
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<td>Total</td>
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<td>834</td>
<td>936</td>
<td>870</td>
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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.

<table>
<thead>
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<th>Course</th>
<th>2000-01</th>
<th>2001-02</th>
<th>2002-03</th>
<th>2003-04</th>
</tr>
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<td>Passed</td>
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<td>-</td>
<td>-</td>
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<td>29</td>
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<td>F.TRADE</td>
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A PROFILE OF VOCATIONAL EDUCATION IN GOA

Vocational Education at Plus Two Stage

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of the course</th>
<th>Yearwise number of students Registered and Passed in different Courses at 12th Standard</th>
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<tr>
<td>1</td>
<td>Office Management</td>
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<tr>
<td>2</td>
<td>Accounting, Auditing &amp; Taxation (AAT)</td>
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</tr>
<tr>
<td>3</td>
<td>Insurance</td>
<td>72</td>
</tr>
<tr>
<td>4</td>
<td>Industrial Management</td>
<td>17</td>
</tr>
<tr>
<td>5</td>
<td>Marketing and Salesmanship Management</td>
<td>14</td>
</tr>
<tr>
<td>6</td>
<td>Dress Making, Embroidery and Fashion Coordination</td>
<td>47</td>
</tr>
<tr>
<td>7</td>
<td>Auto Sending Technology</td>
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<tr>
<td>8</td>
<td>Computer Programmer</td>
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<tr>
<td>9</td>
<td>Electronic Repair Technician</td>
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</tr>
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<td>Electronic Assembler Technician</td>
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</tr>
<tr>
<td>11</td>
<td>Food Production</td>
<td>-</td>
</tr>
<tr>
<td>12</td>
<td>Food and Beverages</td>
<td>-</td>
</tr>
<tr>
<td>13</td>
<td>Horticulture</td>
<td>-</td>
</tr>
<tr>
<td>14</td>
<td>Floriculture</td>
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<tr>
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Note: There are six different components studied in each course.

# A Profile of Vocational Education in Goa

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

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the Institution</th>
<th>Year of introduction</th>
<th>Subjects introduced</th>
<th>Year wise number of students passed third year</th>
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<tbody>
<tr>
<td>1</td>
<td>Shri P. Chowgule College of Arts &amp; Science, Margao, Goa</td>
<td>1994-95</td>
<td>1. Electronic Equipment &amp; Maintenance</td>
<td>09 05 12</td>
<td>26</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>2. Computer Applications</td>
<td>13 13 10</td>
<td>36</td>
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<td>2</td>
<td>MES College of Arts and Commerce, Vasco Goa</td>
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<td>1. Foreign Trade &amp; Practice</td>
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<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>3. Tourism &amp; Travel</td>
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<td>St. Xavier's College, Mapusa Goa</td>
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<td>4</td>
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<td>6</td>
<td>Elaie Damodar College of Commerce, Margao Goa</td>
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<td>1. Advertisement, Sales Promotion and Sales Management</td>
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<td>MES College of Arts and Science, Ponda, Goa</td>
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<td>10</td>
<td>GV's College of Commerce &amp; Economics, Ponda, Goa</td>
<td>1998-99</td>
<td>1. Advertising, Sales Promotion and Sales Management</td>
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### 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.

<table>
<thead>
<tr>
<th>Course</th>
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<th>2003-04</th>
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<td>974</td>
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</table>

### 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.

<table>
<thead>
<tr>
<th>Course</th>
<th>2000-01</th>
<th>2001-02</th>
<th>2002-03</th>
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<td>IC</td>
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<td>COMP. A.</td>
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<td>-</td>
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<td>EEM</td>
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<td>18</td>
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<td>MKT.</td>
<td>26</td>
<td>31</td>
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</tr>
<tr>
<td>F.TRADE</td>
<td>26</td>
<td>18</td>
<td>10</td>
<td>-</td>
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<tr>
<td>Total</td>
<td>93</td>
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</tr>
</tbody>
</table>
QUESTIONNAIRES FOR VOCATIONAL PROGRAMME AT THE HSS LEVEL ARE AS FOLLOWS:

Appendix – VIII

QUESTIONNAIRE

Respondents: Student Currently undergoing Vocational course (HSS)

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)

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

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

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Class rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Laboratory equipment(if used)</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>c Computers</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>d Library facility</td>
<td></td>
<td></td>
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<tr>
<td>e Tools &amp; Equipment's(if used)</td>
<td></td>
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<tr>
<td>f Teaching Aids(if used)</td>
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</tr>
<tr>
<td>g Campus</td>
<td></td>
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<tr>
<td>h. Others (Specify)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>General Foundation Course</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Text books</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Practical manuals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Instructional aids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Others (Specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
17. Do you feel the curriculum of the subject is up to date to meet the requirements of labour/job market? (Please tick)

<table>
<thead>
<tr>
<th>General Foundation Course</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. up to date</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. needs little improvement</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. obsolete</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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  
      (c) There is scope for self employment  
      (d) 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)  

<table>
<thead>
<tr>
<th></th>
<th>Subject knowledge &amp; On the Job Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Graduate vocational pass out</td>
<td>Excellent / Good / Satisfactory / Poor</td>
</tr>
<tr>
<td>b Professional Degree holder</td>
<td>Excellent / Good / Satisfactory / Poor</td>
</tr>
<tr>
<td>c Polytechnic Passout</td>
<td>Excellent / Good / Satisfactory / Poor</td>
</tr>
<tr>
<td>d ITI’s Passout</td>
<td>Excellent / Good / Satisfactory / Poor</td>
</tr>
</tbody>
</table>

30. Opinion of General Foundation Course:

   (a) Do you feel the course content of the GFC you studied required improvement?
   a. Yes  
   b. No  

202
(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:

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 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)
Appendix – IX

QUESTIONNAIRE

Respondent: Vocational Past Student (HSS)

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 ____________

8. Name of Junior College from which passed the vocational course: ________________________________

9. Vocational Course studied by you: _______________________________________________________________

10. 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: _____________________________________
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:

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 business. (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:

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

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

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Class rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Laboratory equipment(if used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Computers</td>
<td></td>
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<tr>
<td>d Library facility</td>
<td></td>
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<tr>
<td>e Tools &amp; Equipment’s (if used)</td>
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<tr>
<td>g Campus</td>
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<tr>
<td>h Others (Specify)</td>
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<td></td>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>General Foundation Course</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>a up to date</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Needed little improvement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Obsolete</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Appendix – X

QUESTIONNAIRE

Respondents: Teaching Faculty

1. Name of Teacher ____________________________

2. Designation ____________________________

3. Sex a. Male □ b. Female □

4. Age: __________

5. Name of School/Junior College in which teaching ____________________________

6. Qualification of Teacher: ____________________________

7. Date of joining: ____________________________

8. 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:

<table>
<thead>
<tr>
<th>Course taught / Teaching / Nature of work</th>
<th>Experience in years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vocational course teaching</td>
<td></td>
</tr>
<tr>
<td>Academic subject teaching</td>
<td></td>
</tr>
<tr>
<td>Administrative experience</td>
<td></td>
</tr>
<tr>
<td>Industrial experience</td>
<td></td>
</tr>
</tbody>
</table>

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 :
   c. 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)

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Principal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Vice – Principal</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Teaching faculty</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Office Staff</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Library facility</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Laboratory equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Class rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Computers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e Tools &amp; Equipment's</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f Teaching Aids (eg. over head projectors)</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>g Reference Manuals</td>
<td></td>
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</tr>
<tr>
<td>h Others(Specify)</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

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  

If Yes, what course/training

Duration of the training:

b. No

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

a. Yes  

If Yes, specify what course/training

b. No
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)

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  

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(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)

(* 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)

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
Appendix – XI

QUESTIONNAIRE

Respondents: Head of Educational Institution (HSS)

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:

<table>
<thead>
<tr>
<th>Name of the course</th>
<th>Name of the Industry</th>
<th>Kind of Linkage or Understanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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)

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)

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.  
Comment:  
Yes / No

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

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

(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.

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

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?

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Name of vocational course</th>
<th>No. of Teachers</th>
<th>No. of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FTT</td>
<td>FTP</td>
</tr>
<tr>
<td>a</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c</td>
<td></td>
<td></td>
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<tr>
<td>d</td>
<td></td>
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</tr>
</tbody>
</table>

| 2001-02 | Name of vocational course | No. of Teachers | No. of Students |
|         |                            | FTT | FTP | PT | Guest Lecturers | Boys | Girls | Boys | Girls |
|         |                            | FTT | FTP | PT | Guest Lecturers |      |       |      |       |
|         | a                            |     |     |    |                 |      |       |      |       |
|         | b                            |     |     |    |                 |      |       |      |       |
|         | c                            |     |     |    |                 |      |       |      |       |
|         | d                            |     |     |    |                 |      |       |      |       |
### 2002-03

<table>
<thead>
<tr>
<th>Name of vocational course</th>
<th>No. of Teachers</th>
<th>No. of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FTT</td>
<td>FTP</td>
</tr>
<tr>
<td></td>
<td>a</td>
<td></td>
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<td>c</td>
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<td></td>
<td>d</td>
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</tbody>
</table>

* FFT - Full Time Temporary  
* FTP - Full Time Permanent  
* PT - Part Time

### 2003-04

<table>
<thead>
<tr>
<th>Name of vocational course</th>
<th>No. of Teachers</th>
<th>No. of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FTT</td>
<td>FTP</td>
</tr>
<tr>
<td></td>
<td>a</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b</td>
<td></td>
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<td></td>
<td>c</td>
<td></td>
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<td></td>
<td>d</td>
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</table>

### 34. Course wise XIIth Standard Final Examination details:

<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Appeared</td>
<td>Passed</td>
<td>Appeared</td>
</tr>
<tr>
<td></td>
<td>Girls</td>
<td>Boys</td>
<td>Girls</td>
</tr>
<tr>
<td>a</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>b</td>
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<td>c</td>
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<tr>
<td>d</td>
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</tr>
</tbody>
</table>

* 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

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)

<table>
<thead>
<tr>
<th>Subject</th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Teacher for Entrepreneurship Development</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Teacher for Vocational Theory</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Teacher for Vocational Practical</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Instructor during ‘On the Job Training’</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e Guest Lecturer/s for the course (if any)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Infrastructure</th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Class rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Laboratory equipment (if used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Computers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Library facility</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e Tools &amp; Equipment’s (if used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f Teaching Aids (if used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>g Campus</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>h Others (Specify)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Materials</th>
<th>Entrepreneurship Development Subject</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Text books</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Practical manuals</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Instructional aids</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Others (Specify)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
39. Do you feel the curriculum of the subject is up to date to meet the requirements of labour/job market? (Please tick)

<table>
<thead>
<tr>
<th></th>
<th>Entrepreneurship Development Subject</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. up to date</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. needs little improvement</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. obsolete</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Subject knowledge &amp; On the Job Training</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
</tr>
<tr>
<td>b</td>
</tr>
<tr>
<td>c</td>
</tr>
<tr>
<td>d</td>
</tr>
</tbody>
</table>

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  

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(b) Do you feel the knowledge obtained from the EDS is sufficient to help you start your enterprise in future?
   a. Yes  [Blank]  b. No  [Blank]

31. Opinion of Entrepreneurship Development Subject Teacher:
   (a) Does he/she in anyway motivate you in starting your own business?
      a. Yes  [Blank]  b. No  [Blank]
   (b) Does he/she in anyway guide you towards starting your own business?
      a. Yes  [Blank]  b. No  [Blank]

32. Financial problems:
   (a) Did you have any financial problems that stopped you from starting your own business?
      a. Yes  [Blank]  b. No  [Blank]
   (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:

33. Do you intend starting your own business immediately after completion of your course?
   a. Yes  [Blank]  b. No  [Blank]

34. If No, why? What would be your greatest hindrance in starting your own business? (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)  [Blank]
Appendix – XIII

QUESTIONNAIRE

Respondent: Vocational Past Student

1. Name of Student ________________________________________________

2. Address: ___________________________________________ Ph.No.  ____________

3. Sex  a. Male  ________  b. Female  ________

4. Age: ____________

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


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: ____________________________
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 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  [ ]
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:
      ____________________________

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 business. (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:

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

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

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a  Class rooms</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b  Laboratory equipment (if used)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c  Computers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d  Library facility</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e  Tools &amp; Equipment's (if used)</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>g  Campus</td>
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<tr>
<td>h  Others (Specify)</td>
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</table>

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

<table>
<thead>
<tr>
<th></th>
<th>Entrepreneurship Development Subject</th>
<th>Vocational Theory</th>
<th>Vocational Practical</th>
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</thead>
<tbody>
<tr>
<td>a  up to date</td>
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<td></td>
<td></td>
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<tr>
<td>b  Needed little improvement</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>c  Obsolete</td>
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<td></td>
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</table>
Appendix – XIV

QUESTIONNAIRE

Respondents: Teaching Faculty

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

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

<table>
<thead>
<tr>
<th>Vocational subject teaching</th>
<th>Course taught / Teaching / Nature of work</th>
<th>Experience in years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic subject teaching</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administrative experience</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial experience</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. 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

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 :
   c. Very relevant  
   b. Fairly relevant  
   a. Not relevant
13. What cooperation do you receive from the college towards the vocational subject taught by you? (Please tick)

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Principal</td>
<td></td>
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<tr>
<td>b Vice – Principal</td>
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<tr>
<td>c Teaching faculty</td>
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<tr>
<td>d Office Staff</td>
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</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th></th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Library facility</td>
<td></td>
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</tr>
<tr>
<td>b Laboratory equipment</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c Class rooms</td>
<td></td>
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</tr>
<tr>
<td>d Computers</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>e Tools &amp; Equipment’s</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f Teaching Aids (eg. over head projectors)</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>g Reference Manuals</td>
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</tr>
<tr>
<td>h Others(Specify)</td>
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</tr>
</tbody>
</table>

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)

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 .
   Comment:  Yes / No

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

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

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

   (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) 

(* 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) 

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)  

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  

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Appendix – XV

QUESTIONNAIRE

Respondents: Head of Educational Institution

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 □

27. 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:

<table>
<thead>
<tr>
<th>Name of the course</th>
<th>Name of the Industry</th>
<th>Kind of Linkage or Understanding</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
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<tr>
<td>2.</td>
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<tr>
<td>3.</td>
<td></td>
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</tr>
</tbody>
</table>

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)
Needs more funding.  
Comment:  
Yes / No

Needs more training for teachers.  
Comment:  
Yes / No

Needs more infrastructure.  
Comment:  
Yes / No

Needs more awareness amongst student community.  
Yes / No

(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.

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

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?

<table>
<thead>
<tr>
<th>Course Name</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>Name of vocational subject</th>
<th>No. of Teachers</th>
<th>No. of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FTT</td>
<td>FTP</td>
</tr>
<tr>
<td>a</td>
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<td></td>
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<td>b</td>
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<td>c</td>
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<tr>
<td>d</td>
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</table>

2001-02

<table>
<thead>
<tr>
<th>Name of vocational subject</th>
<th>No. of Teachers</th>
<th>1st Year</th>
<th>2nd Year</th>
<th>3rd Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FTT</td>
<td>FTP</td>
<td>PT</td>
<td>Guest Lecturer</td>
</tr>
<tr>
<td>a</td>
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<td>b</td>
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<tr>
<td>Name of vocational subject</td>
<td>No. of Teachers</td>
<td>No. of Students</td>
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<td>PT</td>
<td>Guest Lecturer</td>
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<table>
<thead>
<tr>
<th>Name of vocational subject</th>
<th>No. of Teachers</th>
<th>No. of Students</th>
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<tr>
<td></td>
<td>FTT</td>
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<td>d</td>
<td></td>
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</tr>
</tbody>
</table>

* FFT - Full Time Temporary  * FTP - Full Time Permanent  * PT - Part Time

34. Course wise Third Year Final Examination details:

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Appeared</td>
<td>Passed</td>
<td>Appeared</td>
</tr>
<tr>
<td></td>
<td>Girls</td>
<td>Boys</td>
<td>Girls</td>
</tr>
<tr>
<td>a</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
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<tr>
<td>d</td>
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</tbody>
</table>

* Kindly issue details for the year 2003-2004 in a similar format.
Appendix – XVI

QUESTIONNAIRE

Respondent: Industrialists

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 you 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)

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)

<table>
<thead>
<tr>
<th>Employee Type</th>
<th>No. of Employee</th>
<th>Excellent</th>
<th>Good</th>
<th>Satisfactory</th>
<th>Poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Vocational passouts after 10+2 vocational course</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b Graduate vocational passouts with vocational subjects</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c ITI's passout</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>d Polytech's passout</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>e General graduates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>f Professional degree holders</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Type of job</th>
<th>Type of education and skill required to perform the job</th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td></td>
</tr>
<tr>
<td>b</td>
<td></td>
</tr>
<tr>
<td>c</td>
<td></td>
</tr>
<tr>
<td>Options:</td>
<td></td>
</tr>
<tr>
<td>(a) Professional Degree holders with no work experience</td>
<td></td>
</tr>
<tr>
<td>(b) Professional Degree holders with work experience</td>
<td></td>
</tr>
<tr>
<td>(c) Graduate Vocational passouts with no work experience</td>
<td></td>
</tr>
<tr>
<td>(d) Graduate Vocational passouts with work experience</td>
<td></td>
</tr>
<tr>
<td>(e) 12th pass Vocational passouts with work experience</td>
<td></td>
</tr>
<tr>
<td>(f) Others (specify)</td>
<td></td>
</tr>
</tbody>
</table>

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) 

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