**Analysis of feedbacks of students of Semester-IV, Statistics, 2016-2017**

**Analysis of feedbacks of students about course curriculum**

In part I students have given the feedback about different aspects of course curriculum such as

1. The course objectives and outcomes were clearly defined/identified
2. Length: Course material were of appropriate length
3. Relevance: Course material were relevant
4. Quality: Course material were of high quality and up to date
5. Organization: Material was well organized
6. The course provides useful inputs
7. The course provides focus on skill development/ employability/ entrepreneurship
8. The course updates understanding in this fieldas per their satisfaction in 4 levels:
9. Average
10. Good
11. Excellent
12. Outstanding

The students graded the about course curriculum as follows:

Table 1: Subject wise frequency of grades given by students for course curriculum

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | Sub 1 | Sub 2 | Sub 3 | Sub 4 |
| A | 14 | 33 | 32 | 59 |
| E | 53 | 49 | 37 | 33 |
| G | 25 | 54 | 63 | 51 |
| O | 67 | 23 | 27 | 16 |
| Total | 160 | 160 | 160 | 160 |

Table 2: Subject wise Percentage of grades given by students for course curriculum

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | Sub 1 | Sub 2 | Sub 3 | Sub 4 |
| A | 9 | 21 | 20 | 37 |
| E | 33 | 31 | 23 | 21 |
| G | 16 | 34 | 39 | 32 |
| O | 42 | 14 | 17 | 10 |
| Total | 100 | 100 | 100 | 100 |

Fig.1: Graphical representation of course curriculum feedback

**STA-511: Multivariate Analysis- II**

* 42% of the students have rated course curriculum of Multivariate Analysis-II as outstanding
* 33% of the students have rated course curriculum of Multivariate Analysis-II as Excellent
* 16% of the students have rated course curriculum of Multivariate Analysis-II as good
* 9%of the students have rated course curriculum of Multivariate Analysis-II as average

**STA-512: Operations Research-II**

* 14%of the students have rated course curriculum of Operations Research-II as outstanding
* 31**%** of the students have rated course curriculum of Operations Research-II as Excellent
* 34% of the students have rated course curriculum of Operations Research-II as good
* 20% of the students have rated course curriculum of Operations Research-II as average

**STA-513: Industrial Statistics-II**

* 17%of the students have rated course curriculum of Industrial Statistics-II as outstanding
* 23**%** of the students have rated course curriculum of Industrial Statistics-II as Excellent
* 39% of the students have rated course curriculum of Industrial Statistics-II as good
* 20% of the students have rated course curriculum of Industrial Statistics-II as average

**STA-513: Actuarial Statistics-II**

* 10%of the students have rated course curriculum of Actuarial Statistics as outstanding
* 21**%** of the students have rated course curriculum of Actuarial Statistics as Excellent
* 32**%** of the students have rated course curriculum of Actuarial Statistics as good
* 37%of the students have rated course curriculum of Actuarial Statistics as average

**Analysis of students feedback about teachers**

In the second part the students have given their feedback about different characteristics of teachers about preparedness for each class use of ICT tools, fair evaluation, punctuality, overall effectiveness, communication clarity of concepts, listening skills and time management as per student satisfaction level students have rated in 4 levels:

A-Average

G-Good

E-Excellent

O-Outstanding

Table 3: Frequency of grades given by students for performance of teachers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | SVK | AYT | CDS | OSJ |
| A | 49 | 90 | 27 | 53 |
| E | 69 | 45 | 67 | 61 |
| G | 56 | 69 | 20 | 80 |
| O | 65 | 35 | 125 | 45 |
| Total | 239 | 239 | 239 | 239 |

Table 4: Percentage of grades given by students for performance of teachers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | SVK | AYT | CDS | OSJ |
| A | 21 | 38 | 11 | 22 |
| E | 29 | 19 | 28 | 26 |
| G | 23 | 29 | 8 | 33 |
| O | 27 | 15 | 52 | 19 |
| Total | 100 | 100 | 100 | 100 |

Fig.2: Graphical representation of teacher’s performance feedback

**Dr. C. D. Sonar**

* 52% of the students have rated performance of Dr. C. D. Sonar as outstanding
* 28% of the students have rated performance of Dr. C. D. Sonar as Excellent
* 8% of the students have rated performance of Dr. C. D. Sonar as good
* 11% of the students have rated performance of Dr. C. D. Sonar as average

**Dr. S. V. Kawale**

* 27% of the students have rated performance of Dr. S. V. Kawale as outstanding
* 29**%** of the students have rated performance of Dr. S. V. Kawale as Excellent
* 23% of the students have rated performance of Dr. S. V. Kawale as good
* 21% of the students have rated performance of Dr. S. V. Kawale as average

**Dr. O. S. Jadhav**

* 6%of the students have rated performance of Dr. O. S. Jadhav as outstanding
* 29% of the students have rated performance of Dr. O. S. Jadhav as Excellent
* 55% of the students have rated performance of Dr. O. S. Jadhav as good
* 11% of the students have rated performance of Dr. O. S. Jadhav as average

**Dr. A. Y. Tayade**

* 19% of the students have rated performance of Dr. A. Y. Tayade as outstanding
* 26% of the students have rated performance of Dr. A. Y. Tayade as Excellent
* 33% of the students have rated performance of Dr. A. Y. Tayade as good
* 32% of the students have rated performance of Dr. A. Y. Tayade as average

**Analysis of feedbacks of students of Semester- I about Projects/Seminars/ Home assignments/ Tutorials:**

In part III students have given the feedback about Projects/Seminars/ Home assignments/ Tutorials as:

1. Project / Seminar topics are new and interesting
2. Learnt a lot from doing the project / Seminar? Home Assignment
3. The assignment was regularly given and checked
4. Sufficient number of practical were conducted

as per student satisfaction level students have rated in 4 levels:

A-Average

G-Good

E-Excellent

O-Outstanding

Table 5: Subject wise frequency of grades given by students for project/seminar/assignments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | STA-511 | STA-512 | STA-513 | STA-514 |
| A | 3 | 6 | 7 | 20 |
| E | 6 | 16 | 25 | 22 |
| G | 22 | 33 | 30 | 26 |
| O | 48 | 24 | 17 | 11 |
| Total | 79 | 79 | 79 | 79 |

Table 6: Subject wise Percentage of grades given by students for project/seminar/assignments

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Grade | STA-511 | STA-512 | STA-513 | STA-514 |
| A | 4 | 8 | 9 | 25 |
| E | 8 | 20 | 32 | 28 |
| G | 28 | 42 | 38 | 33 |
| O | 61 | 30 | 22 | 14 |
| Total | 100 | 100 | 100 | 100 |
|  |  |  |  |  |

Fig.3: Graphical representation of project / seminar / assignments feedback

**STA-511: Multivariate Analysis- II**

* 61% of the students have rated project/seminar/assignments of Multivariate Analysis-II as outstanding
* 8% of the students have rated project/seminar/assignments of Multivariate Analysis-II as Excellent
* 28% of the students have rated project/seminar/assignments of Multivariate Analysis-II as good
* 4%of the students have rated project/seminar/assignments of Multivariate Analysis-II as average

**STA-512: Operations Research-II**

* 30%of the students have rated project/seminar/assignments of Operations Research-II as outstanding
* 20**%** of the students have rated project/seminar/assignments of Operations Research-II as Excellent
* 42% of the students have rated project/seminar/assignments of Operations Research-II as good
* 8% of the students have rated project/seminar/assignments of Operations Research-II as average

**STA-513: Industrial Statistics-II**

* 22%of the students have rated project/seminar/assignments of Industrial Statistics-II as outstanding
* 32**%** of the students have rated project/seminar/assignments of Industrial Statistics-II as Excellent
* 38% of the students have rated project/seminar/assignments of Industrial Statistics-II as good
* 9% of the students have rated project/seminar/assignments of Industrial Statistics-II as average

**STA-513: Actuarial Statistics-II**

* 14%of the students have rated project/seminar/assignments of Actuarial Statistics as outstanding
* 28**%** of the students have rated project/seminar/assignments of Actuarial Statistics as Excellent
* 33**%** of the students have rated project/seminar/assignments of Actuarial Statistics as good
* 25%of the students have rated project/seminar/assignments of Actuarial Statistics as average

**Criterion 4: Overall**

**Analysis of feedbacks of students of Semester- IV of M.Sc. Statistics about criterion IV**

In part IV students have given overall feedback about 3 different aspects as follows:

1. I enjoyed the seminar, project, tutorials, home assignments.
2. I would recommend the course to others
3. Class environment was student friendly

The students have rated the feedback as yes and no.

|  |  |  |
| --- | --- | --- |
| Feedback about | yes | no |
| A | 100 | 00 |
| B | 55 | 45 |
| C | 95 | 05 |

* 100% of the students enjoyed the seminar, project, tutorials, home assignments
* 55% of the students would recommend the course to others
* 95 % students feel that Class environment was student friendly

**Analysis of feedbacks of students of Semester- IV of M.Sc. Statistics about criterion VI, VII, VIII, IX and X**

In part VI, VII, VIII, IX and X the students have to give feedback as yes or no of single question

The summary of students feedback is summarized in the following table:

|  |  |  |
| --- | --- | --- |
| Feedback about Criterion | Yes  (%) | No  (%) |
| VI | 95 | 05 |
| VII | 85 | 15 |
| VIII | 85 | 15 |
| IX | 85 | 15 |
| X | 75 | 25 |

* 95% of the students wish to have counseling by the teachers / experts for their personal or academic problem
* 85% of the students of the students wish to have classes in soft skill and personality development
* 85% of the students of the students wish to have more industrial/ field visits
* 85% of the students finds a positive change in department activities in this semester
* 75% of the students of the students would like to be actively associated with alumni association