**Analysis of feedbacks of students of Semester-II, Statistics, 2018**

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 field as 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 Percentage of grades given by students for course curriculum

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grades** | **Sampling Theory & Methods** | | **Regression Analysis** | | **Design & Analysis Of Experiments-I** | | **Stochastic** | | **Statistical Inference-II** | |
| **Processes** | |
| Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % |
| A | 31 | 18 | 19 | 11 | 26 | 15 | 26 | 15 | 17 | 10 |
| G | 113 | 67 | 100 | 60 | 103 | 59 | 122 | 73 | 79 | 47 |
| E | 19 | 11 | 42 | 25 | 37 | 21 | 17 | 10 | 51 | 30 |
| O | 5 | 3 | 7 | 4 | 10 | 6 | 3 | 2 | 21 | 13 |
| Total | 168 | 100 | 168 | 100 | 176 | 100 | 168 | 100 | 168 | 100 |

**Sampling Theory & Methods**

* 3% of the students have rated course curriculum of Sampling Theory & Methods as outstanding
* 11% of the students have rated course curriculum of Sampling Theory & Methods as Excellent
* 67% of the students have rated course curriculum of Sampling Theory & Methods as good
* 18%of the students have rated course curriculum of Sampling Theory & Methods as average

**Regression Analysis**

* 4%of the students have rated course curriculum of Regression Analysis as outstanding
* 25**%** of the students have rated course curriculum of Regression Analysis as Excellent
* 60**%** of the students have rated course curriculum of Regression Analysis as good
* 11%of the students have rated course curriculum of Regression Analysis as average

**Design & Analysis Of Experiments-I**

* 6%of the students have rated course curriculum of Design & Analysis Of Experiments-I as outstanding
* 21**%** of the students have rated course curriculum of Design & Analysis Of Experiments-I as Excellent
* 59% of the students have rated course curriculum of Design & Analysis Of Experiments-I as good
* 15% of the students have rated course curriculum of Design & Analysis Of Experiments-I as average

**Stochastic Processes**

* 2%of the students have rated course curriculum of Stochastic Processes outstanding
* 10**%** of the students have rated course curriculum of Stochastic Processes Excellent
* 73**%** of the students have rated course curriculum of Stochastic Processes good
* 15%of the students have rated course curriculum of Stochastic Processes average

**Statistical Inference-II**

* 13%of the students have rated course curriculum of Statistical Inference-II as outstanding
* 30**%** of the students have rated course curriculum of Statistical Inference-II as Excellent
* 47% of the students have rated course curriculum of Statistical Inference-II as good
* 10% of the students have rated course curriculum of Statistical Inference-II 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 2: Percentage of grades given by students for performance of teachers

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Dr. A. Y. Tayade | | Dr. O. S. Jadhav | | Dr. S. L. Sananse | | Dr. S. V. Kawale | | Dr. C. D. Sonar | |
| Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % |
| 57 | 23 | 39 | 15 | 40 | 15 | 44 | 17 | 19 | 8 |
| 157 | 62 | 155 | 62 | 96 | 36 | 182 | 72 | 43 | 17 |
| 24 | 10 | 53 | 21 | 106 | 40 | 23 | 9 | 152 | 60 |
| 14 | 6 | 5 | 2 | 22 | 8 | 3 | 1 | 38 | 15 |
| 252 | 100 | 252 | 100 | 264 | 100 | 252 | 100 | 252 | 100 |

**Dr. A. Y. Tayade**

* 6% of the students have rated performance of Dr. A. Y. Tayade as outstanding
* 10% of the students have rated performance of Dr. A. Y. Tayade as Excellent
* 62% of the students have rated performance of Dr. A. Y. Tayade as good
* 23% of the students have rated performance of Dr. A. Y. Tayade as average

**Dr. O. S. Jadhav**

* 2% of the students have rated performance of Dr. O. S. Jadhav as outstanding
* 21**%** of the students have rated performance of Dr. O. S. Jadhav as Excellent
* 62% of the students have rated performance of Dr. O. S. Jadhav as good
* 15% of the students have rated performance of Dr. O. S. Jadhav as average

**Dr. S. L. Sananse**

* 8%of the students have rated performance of Dr. S. L. Sananse as outstanding
* 40% of the students have rated performance of Dr. S. L. Sananse as Excellent
* 36% of the students have rated performance of Dr. S. L. Sananse as good
* 15% of the students have rated performance of Dr. S. L. Sananse as average

**Dr. S. V. Kawale**

* 1% of the students have rated performance of Dr. S. V. Kawale as outstanding
* 9% of the students have rated performance of Dr. S. V. Kawale as Excellent
* 72% of the students have rated performance of Dr. S. V. Kawale as good
* 17% of the students have rated performance of Dr. S. V. Kawale as average

**Dr. C. D. Sonar**

* 15% of the students have rated performance of Dr. C. D. Sonar as outstanding
* 60% of the students have rated performance of Dr. C. D. Sonar as Excellent
* 17% of the students have rated performance of Dr. C. D. Sonar as good
* 8% of the students have rated performance of Dr. C. D. Sonar 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 3: Subject wise Percentage of grades given by students for project/seminar/assignments

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grades** | **Sampling Theory & Methods** | | **Regression Analysis** | | **Design & Analysis Of Experiments-I** | | **Stochastic**  **Processes** | | **Statistical Inference-II** | |
| Freq. | % | Freq. | % | Freq. | % | Freq. | % | Freq. | % |
| A | 18 | 21 | 9 | 11 | 18 | 20 | 20 | 24 | 11 | 13 |
| G | 54 | 64 | 62 | 74 | 55 | 63 | 60 | 71 | 27 | 32 |
| E | 6 | 7 | 12 | 14 | 14 | 16 | 3 | 4 | 33 | 39 |
| O | 6 | 7 | 1 | 1 | 1 | 1 | 1 | 1 | 13 | 15 |
| Total | 84 | 100 | 84 | 100 | 88 | 100 | 84 | 100 | 84 | 100 |

**Sampling Theory & Methods**

* 7%of the students have rated Project/seminar/assignments of Sampling Theory & Methods as outstanding
* 7**%** of the students have rated Project/seminar/assignments of Sampling Theory & Methods as Excellent
* 64% of the students have rated Project/seminar/assignments of Sampling Theory & Methods as good
* 21%of the students have rated Project/seminar/assignments of Sampling Theory & Methods as average

**Regression Analysis**

* 1% of the students have rated Project/seminar/assignments of Regression Analysis as outstanding
* 4**%** of the students have rated Project/seminar/assignments of Regression Analysis as Excellent
* 74% of the students have rated Project/seminar/assignments of Regression Analysis as good
* 11% of the students have rated Project/seminar/assignments of Regression Analysis as average

**Design & Analysis Of Experiments-I**

* 1%of the students have rated Project/seminar/assignments of Design & Analysis Of Experiments-I as outstanding
* 16**%** of the students have rated Project/seminar/assignments of Design & Analysis Of Experiments-I as Excellent
* 63% of the students have rated Project/seminar/assignments of Design & Analysis Of Experiments-I as good
* 20% of the students have rated Project/seminar/assignments of Design & Analysis Of Experiments-I as average
* **Stochastic Processes**
* 1%of the students have rated Project/seminar/assignments of Stochastic Processes as outstanding
* 4% of the students have rated Project/seminar/assignments of Stochastic Processes as Excellent
* 71% of the students have rated Project/seminar/assignments of Stochastic Processes as good
* 24% of the students have rated Project/seminar/assignments of Stochastic Processes as average

**Statistical Inference-II**

* 15%of the students have rated Project/seminar/assignments of Statistical Inference-II as outstanding
* 39% of the students have rated Project/seminar/assignments of Statistical Inference-II as Excellent
* 32% of the students have rated Project/seminar/assignments of Statistical Inference-II as good
* 13% of the students have rated Project/seminar/assignments of Statistical Inference-II as average

**Criterion 4: Overall**

**The feedback of students Overall about Subjects presented in tabular and graphical form as follows**:

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Grades** | **Sampling Theory & Methods** | | **Regression Analysis** | | **Design & Analysis Of Experiments-I** | | **Stochastic** | | **Statistical Inference-II** | |
| **Processes** | |
| A | 3 | 5 | 7 | 11 | 10 | 15 | 11 | 17 | 4 | 6 |
| G | 47 | 75 | 37 | 59 | 27 | 41 | 46 | 73 | 25 | 40 |
| E | 8 | 13 | 17 | 27 | 22 | 33 | 3 | 5 | 22 | 35 |
| O | 5 | 8 | 2 | 3 | 7 | 11 | 3 | 5 | 12 | 19 |
| Total | 63 | 100 | 63 | 100 | 66 | 100 | 63 | 100 | 63 | 100 |

**Sampling Theory & Methods**

* 8**%** of the students have rated Overall about Sampling Theory & Methods as outstanding
* 13% of the students have rated Overall about Sampling Theory & Methods as Excellent
* 75% of the students have rated Overall about Sampling Theory & Methods as good
* 5% of the students have rated Overall about Sampling Theory & Methods as average

**Regression Analysis**

* 3% of the students have rated Overall about Actuarial Statistics as outstanding
* 27% of the students have rated Overall about Actuarial Statistics as Excellent
* 59% of the students have rated Overall about Actuarial Statistics as good
* 11% of the students have rated Overall aboutof Actuarial Statistics as average

**Design & Analysis Of Experiments-I**

* 11**%** of the students have rated Overall about Industrial Statistics-II as outstanding
* 33% of the students have rated Overall about Industrial Statistics-II as Excellent
* 41% of the students have rated Overall about Industrial Statistics-II as good
* 15% of the students have rated Overall about Industrial Statistics-II as average

**Stochastic Processes**

* 5% of the students have rated Overall about Stochastic Processes as outstanding
* 5% of the students have rated Overall about Stochastic Processes as Excellent
* 73% of the students have rated Overall about Stochastic Processes as good
* 15% of the students have rated Overall about Stochastic Processes as average

**Statistical Inference-II**

* 19% of the students have rated Overall about Statistical Inference-II as outstanding
* 35% of the students have rated Overall about Statistical Inference-II as Excellent
* 40% of the students have rated Overall about Statistical Inference-II as good
* 6% of the students have rated Overall about Statistical Inference-II as average