**Analysis of feedbacks of students of Semester- Ist, M.Sc. Information Technology, 2017-18**

**Analysis of feedbacks of students of Semester- Ist of M.Sc. Information Technology 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 field

as per their satisfaction in 4 levels:

1. Average
2. Good
3. Excellent
4. Outstanding

**Criteria 1.**

**Subject: 1**

**Computer System Arch.:**

|  |  |  |
| --- | --- | --- |
| **Grade** | **Frequency** | **Percent** |
| **A** | 19 | 10 |
| **E** | 56 | 28 |
| **G** | 104 | 52 |
| **O** | 21 | 11 |
| **Total** | 200 | **100** |

**Computer System Arch.:**

* 11% of the students have rated course curriculum of Computer System Arch. as outstanding
* 28% of the students have rated course curriculum of Computer System Arch. as Excellent
* 52% of the students have rated course curriculum of Computer System Arch. as good
* 10%of the students have rated course curriculum of Computer System Arch. as average

**Subject: 2**

**Digital Signal Processing:**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | 8 | **100** |
| **E** | 0 | **0** |
| **G** | 0 | **0** |
| **O** | 0 | **0** |
| **Total** | 8 | **100** |

**Digital Signal Processing:**

* 0% of the students have rated course curriculum of Digital Signal Processing: as outstanding
* 0% of the students have rated course curriculum of Digital Signal Processing: as Excellent
* 0% of the students have rated course curriculum of Digital Signal Processing: as good
* 100%of the students have rated course curriculum of Digital Signal Processing: as average

**Subject: 3**

 **Information Theory**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | 16 | **8** |
| **E** | 52 | **25** |
| **G** | 118 | **57** |
| **O** | 22 | **11** |
| **Total** | 208 | **100** |

**Information Theory**

* 11% of the students have rated course curriculum of Computer System Arch. as outstanding
* 57% of the students have rated course curriculum of Computer System Arch. as Good
* 25% of the students have rated course curriculum of Computer System Arch. as Excellent
* 8%of the students have rated course curriculum of Computer System Arch. as average

**Subject: 4**

**Operating System**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | 19 | **10** |
| **E** | 61 | **31** |
| **G** | 97 | **48** |
| **O** | 23 | **12** |
| **Total** | 200 | **100** |

**Operating System**

* 12% of the students have rated course curriculum of Computer System Arch. as outstanding
* 48% of the students have rated course curriculum of Computer System Arch. as Good
* 31% of the students have rated course curriculum of Computer System Arch. as Excellent
* 10%of the students have rated course curriculum of Computer System Arch. as average

**Subject: 5**

**Programming Core java**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | 18 | **9** |
| **E** | 72 | **36** |
| **G** | 83 | **41** |
| **O** | 27 | **13.5** |
| **Total** | 200 | **100** |

**Programming Core java**

* 13.5% of the students have rated course curriculum of Computer System Arch. as outstanding
* 41% of the students have rated course curriculum of Computer System Arch. as Good
* 36% of the students have rated course curriculum of Computer System Arch. as Excellent
* 9%of the students have rated course curriculum of Computer System Arch. as average

**Subject: 6**

**Research Methodology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | 28 | **14** |
| **E** | 97 | **28** |
| **G** | 56 | **48.5** |
| **O** | 19 | **9.5** |
| **Total** | 200 | **100** |

**Research Methodology**

* 9.5% of the students have rated course curriculum of Computer System Arch. as outstanding
* 48.5% of the students have rated course curriculum of Computer System Arch. as Good
* 28% of the students have rated course curriculum of Computer System Arch. as Excellent
* 14%of the students have rated course curriculum of Computer System Arch. as average

**Criteria 2.**

**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

**The feedback of students is presented in tabular and graphical form as follows**:

**Subject: 1**

**Computer System Archi.:**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| **A** | **17** | **6** |
| **E** | **10** | **36** |
| **G** | **98** | **33** |
| **O** | **76** | **25** |
| **Total** | **300** | **100** |

**Computer System Arch.:**

* 25% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 33% of the students have rated performance of teacher of Computer System Arch. as Good
* 36% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 6%of the students have rated performance of teacher of Computer System Arch. as average

**Subject: 2**

 **Digital Signal Processing**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **11** | **92** |
| E | **0** | **0** |
| G | **1** | **8** |
| O | **0** | **0** |
| Total | **12** | **100** |

 **Digital Signal Processing**

* 0% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 8% of the students have rated performance of teacher of Computer System Arch. as Good
* 0% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 92%of the students have rated performance of teacher of Computer System Arch. as average

**Subject:3**

**Information Theory**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **17** | **5** |
| E | **108** | **35** |
| G | **135** | **43** |
| O | **52** | **17** |
| Total | **312** | **100** |

**Information Theory**

* 17% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 43% of the students have rated performance of teacher of Computer System Arch. as Good
* 35% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 5%of the students have rated performance of teacher of Computer System Arch. as average

**Subject: 4**

**Operating System**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **18** | **6** |
| E | **124** | **41** |
| G | **91** | **30** |
| O | **67** | **22** |
| Total | **300** | **100** |

**Operating System**

* 22% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 41% of the students have rated performance of teacher of Computer System Arch. as Good
* 30% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 22%of the students have rated performance of teacher of Computer System Arch. as average

**Subject: 5**

**Programming Core Java**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **12** | **4** |
| E | **146** | **49** |
| G | **80** | **27** |
| O | **62** | **21** |
| Total | **300** | **100** |

 **Programming Core Java**

* 21% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 27% of the students have rated performance of teacher of Computer System Arch. as Good
* 49% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 4%of the students have rated performance of teacher of Computer System Arch. as average

**Subject: 6**

**Research Methodology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **16** | **5** |
| E | **112** | **37** |
| G | **120** | **40** |
| O | **52** | **17** |
| Total | **100** | **100** |

**Research Methodology**

* 17% of the students have rated performance of teacher of Computer System Arch. as outstanding
* 40% of the students have rated performance of teacher of Computer System Arch. as Good
* 37% of the students have rated performance of teacher of Computer System Arch. as Excellent
* 5%of the students have rated performance of teacher of Computer System Arch. as average

**Criteria 3**

**Analysis of feedbacks of students of Semester- IV of M.Sc. Information Technology 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 practicals were conducted

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

A-Average

G-Good

E-Excellent

O-Outstanding

**The feedback of students about projects/ seminars/ assignments is presented in tabular and graphical form as follows**:

**Subject: 1**

**Computer System Archi.:**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **7** | **7** |
| E | **34** | **34** |
| G | **37** | **37** |
| O | **22** | **22** |
| Total | **100** | **100** |

**Computer System Arch.:**

* 22% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 37% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 34% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 7%of the students have rated project / seminars / assignments of Computer System Arch. as average

**Subject: 2**

**Digital Signal Processing**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **4** | **100** |
| E | **0** | **0** |
| G | **0** | **0** |
| O | **0** | **0** |
| Total | **4** | **100** |

**Digital Signal Processing**

* 0% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 0% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 0% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 100%of the students have rated project / seminars / assignments of Computer System Arch. as average

**Subject: 3**

**Information Theory**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **8** | **8** |
| E | **35** | **34** |
| G | **42** | **40** |
| O | **19** | **18** |
| Total | **104** | **100** |

**Information Theory**

* 18% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 40% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 34% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 8%of the students have rated project / seminars / assignments of Computer System Arch. as average

**Subject: 4**

**Operating System**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **9** | **8** |
| E | **36** | **36** |
| G | **33** | **33** |
| O | **22** | **22** |
| Total | **100** | **100** |

**Operating System**

* 22% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 33% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 36% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 8%of the students have rated project / seminars / assignments of Computer System Arch. as average

**Subject: 5**

**Programming core Java**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **10** | **28** |
| E | **45** | **45** |
| G | **28** | **12** |
| O | **17** | **17** |
| Total | **100** | **100** |

**Programming core Java**

* 17% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 12% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 45% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 28%of the students have rated project / seminars / assignments of Computer System Arch. as average

**Subject: 6**

**Research Methodology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **11** | **11** |
| E | **36** | **36** |
| G | **40** | **40** |
| O | **13** | **13** |
| Total | **100** | **100** |

**Research Methodology**

* 13% of the students have rated project / seminars / assignments of Computer System Arch. as outstanding
* 40% of the students have rated project / seminars / assignments of Computer System Arch. as Good
* 36% of the students have rated project / seminars / assignments of Computer System Arch. as Excellent
* 11%of the students have rated project / seminars / assignments of Computer System Arch. as average

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

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

A-Average

G-Good

E-Excellent

O-Outstanding

**Criteria 4.**

**Subject: 1**

**Computer System Archi.:**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **7** | **9.33** |
| E | **31** | **41** |
| G | **24** | **32** |
| O | **13** | **17.3** |
| Total | **75** | **100** |

**Computer System Archi.:**

* 17.3% of the students have rated overall l about Computer System Arch. as outstanding
* 32% of the students have rated overall l about Computer System Arch. as Good
* 41% of the students have rated overall l about Computer System Arch. as Excellent
* 9.33%of the students have rated overall l about Computer System Arch. as average

**Subject: 2**

**Digital Signal Processing**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **3** | **100** |
| E | **0** | **0** |
| G | **0** | **0** |
| O | **0** | **0** |
| Total | **3** | **100** |

**Digital Signal Processing**

* 0% of the students have rated overall l about Computer System Arch. as outstanding
* 0% of the students have rated overall l about Computer System Arch. as Good
* 0% of the students have rated overall l about Computer System Arch. as Excellent
* 100%of the students have rated overall l about Computer System Arch. as average

**Subject: 3**

**Information Theory**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **8** | **10** |
| E | **27** | **35** |
| G | **33** | **42** |
| O | **10** | **13** |
| Total | **78** | **100** |

**Information Theory**

* 13% of the students have rated overall l about Computer System Arch. as outstanding
* 42% of the students have rated overall l about Computer System Arch. as Good
* 35% of the students have rated overall l about Computer System Arch. as Excellent
* 10%of the students have rated overall l about Computer System Arch. as average

**Subject: 4**

**Operating System**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **8** | **11** |
| E | **29** | **39** |
| G | **25** | **33** |
| O | **13** | **17** |
| Total | **75** | **100** |

**Operating System**

* 17% of the students have rated overall l about Computer System Arch. as outstanding
* 33% of the students have rated overall l about Computer System Arch. as Good
* 39% of the students have rated overall l about Computer System Arch. as Excellent
* 11%of the students have rated overall l about Computer System Arch. as average

**Subject: 5**

**Programming Core Java**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **6** | **8** |
| E | **36** | **48** |
| G | **21** | **28** |
| O | **12** | **16** |
| Total | **75** | **100** |

**Programming Core Java**

* 16% of the students have rated overall l about Computer System Arch. as outstanding
* 28% of the students have rated overall l about Computer System Arch. as Good
* 48% of the students have rated overall l about Computer System Arch. as Excellent
* 8%of the students have rated overall l about Computer System Arch. as average

**Subject: 6**

**Research Methodology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **5** | **7** |
| E | **26** | **35** |
| G | **34** | **45** |
| O | **10** | **13** |
| Total | **75** | **100** |

**Research Methodology**

* 13% of the students have rated overall l about Computer System Arch. as outstanding
* 45% of the students have rated overall l about Computer System Arch. as Good
* 35% of the students have rated overall l about Computer System Arch. as Excellent
* 7%of the students have rated overall l about Computer System Arch. as average

**Criterion 5: Infrastructure**

**The feedback of students about infrastructure is presented in tabular and graphical form as follows**:

Table 5: Infrastructure feedback summary

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | **45** | **26** |
| E | **42** | **24** |
| G | **82** | **47** |
| O | **6** | **3** |
| Total | **175** | **100** |

 **Infrastructure**

* 3% of the students have rated infrastructure facilities in the department as outstanding
* 47% of the students have rated infrastructure facilities in the department as Good
* 24% of the students have rated infrastructure facilities in the department as Excellent
* 26%of the students have rated infrastructure facilities in the department as average