**Analysis of feedbacks of students of Semester- III of M.Sc. Physics, 2017-2018**

**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 Score given by students for course curriculum

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 11 | 8 | 6 | 6 | 1 |
| G | 37 | 45 | 47 | 43 | 31 |
| E | 43 | 39 | 40 | 40 | 28 |
| O | 89 | 88 | 87 | 90 | 99 |
| Total | 180 | 180 | 180 | 179 | 159 |

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 6 | 4 | 3 | 3 | 1 |
| G | 21 | 25 | 26 | 24 | 19 |
| E | 24 | 22 | 22 | 22 | 18 |
| O | 49 | 49 | 48 | 50 | 62 |
| Total | 100 | 100 | 100 | 100 | 100 |

**Subject 1: PHY 409**

* **49%** of the students have rated course curriculum of subject 1 as Outstanding
* **24%** of the students have rated course curriculum of subject 1 as Excellent
* **21%** of the students have rated course curriculum of subject 1 as Good
* **6%** of the students have rated course curriculum of subject 1 as Average

**Subject 2: PHY410**

* **49%** of the students have rated course curriculum of subject 2 as Outstanding
* **22%** of the students have rated course curriculum of subject 2 as Excellent
* **25%** of the students have rated course curriculum of subject 2 as Good
* **4%** of the students have rated course curriculum of subject 2 as Average

**Subject 3: PHY411**

* **48%** of the students have rated course curriculum of subject 3 as Outstanding
* **22%** of the students have rated course curriculum of subject 3 as Excellent
* **26%** of the students have rated course curriculum of subject 3 as Good
* **3%** of the students have rated course curriculum of subject 3 as Average

**Subject 4: PHY412**

* **50%** of the students have rated course curriculum of subject 4 as Outstanding
* **22%** of the students have rated course curriculum of subject 4 as Excellent
* **24%** of the students have rated course curriculum of subject 4 as Good
* **3%** of the students have rated course curriculum of subject 4 as Average

**Subject 5:**

* **62%** of the students have rated course curriculum of subject 5 as Outstanding
* **18%** of the students have rated course curriculum of subject 5 as Excellent
* **19%** of the students have rated course curriculum of subject 5 as Good
* **1%** of the students have rated course curriculum of subject 5 as Average

**Analysis of student’s 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, communicationclarity 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 given by students of teachersof Semester III of M.Sc. Physics 2016-2017 is presented in tabular and graphical form as follows**:

Table 2: Frequency given by students for performance of teachers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 18 | 6 | 8 | 11 | 2 |
| G | 40 | 38 | 38 | 32 | 29 |
| E | 69 | 64 | 62 | 61 | 41 |
| O | 176 | 196 | 196 | 200 | 197 |
| Total | 303 | 304 | 304 | 304 | 269 |

Table 2: Percentage of grades given by students for performance of teachers

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 6 | 2 | 3 | 4 | 1 |
| G | 13 | 13 | 13 | 11 | 11 |
| E | 23 | 21 | 20 | 20 | 15 |
| O | 58 | 64 | 64 | 66 | 73 |
| Total | 100 | 100 | 100 | 100 | 100 |

**Subject 1: PHY 409**

* **58%** of the students have rated Teacher of subject 1 as Outstanding
* **23%** of the students have rated Teacherof subject 1 as Excellent
* **13%** of the students have rated Teacherof subject 1 as Good
* **6%** of the students have rated Teacherof subject 1 as Average

**Subject 2: PHY410**

* **64%** of the students have rated Teacherof subject 2 as Outstanding
* **21%** of the students have rated Teacherof subject 2 as Excellent
* **13%** of the students have rated Teacherof subject 2 as Good
* **2%** of the students have rated Teacherof subject 2 as Average

**Subject 3: PHY411**

* **64%** of the students have rated Teacher of subject 3 as Outstanding
* **20%** of the students have rated Teacherof subject 3 as Excellent
* **13%** of the students have rated Teacherof subject 3 as Good
* **3%** of the students have rated Teacherof subject 3 as Average

**Subject 4: PHY412**

* **66%** of the students have rated Teacherof subject 4 as Outstanding
* **20%** of the students have rated Teacherof subject 4 as Excellent
* **11%** of the students have rated Teacherof subject 4 as Good
* **4%** of the students have rated Teacherof subject 4 as Average

**Subject 5:**

* **73%** of the students have rated Teacherof subject 5 as Outstanding
* **15%** of the students have rated Teacherof subject 5 as Excellent
* **11%** of the students have rated Teacherof subject 5 as Good
* **1%** of the students have rated Teacherof subject 5 as Average

**Analysis of feedbacks 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’s 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 Frequency given by students for project/seminar/assignments

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 5 | 3 | 3 | 4 | 3 |
| G | 13 | 15 | 14 | 13 | 7 |
| E | 13 | 14 | 16 | 14 | 12 |
| O | 70 | 69 | 67 | 65 | 66 |
| Total | 101 | 101 | 100 | 96 | 88 |

Table 3: Subject wise Percentage of grades given by students for project/seminar/assignments

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 5 | 3 | 3 | 4 | 3 |
| G | 13 | 15 | 14 | 13 | 8 |
| E | 13 | 14 | 16 | 14 | 14 |
| O | 69 | 68 | 66 | 64 | 75 |
| Total | 100 | 100 | 100 | 100 | 100 |

**Subject 1: PHY 409**

* **69%** of the students have rated Project/Seminar of subject 1 as Outstanding
* **13%** of the students have rated Project/Seminarof subject 1 as Excellent
* **13%** of the students have rated Project/Seminarof subject 1 as Good
* **5%** of the students have rated Project/Seminarof subject 1 as Average

**Subject 2: PHY410**

* **68%** of the students have rated Project/Seminarof subject 2 as Outstanding
* **15%** of the students have rated Project/Seminarof subject 2 as Excellent
* **14%** of the students have rated Project/Seminarof subject 2 as Good
* **3%** of the students have rated Project/Seminarof subject 2 as Average

**Subject 3: PHY411**

* **66%** of the students have rated Project/Seminarof subject 3 as Outstanding
* **16%** of the students have rated Project/Seminarof subject 3 as Excellent
* **14%** of the students have rated Project/Seminarof subject 3 as Good
* **3%** of the students have rated Project/Seminarof subject 3 as Average

**Subject 4: PHY412**

* **64%** of the students have rated Project/Seminarof subject 4 as Outstanding
* **14%** of the students have rated Project/Seminarof subject 4 as Excellent
* **13%** of the students have rated Project/Seminarof subject 4 as Good
* **4%** of the students have rated Project/Seminarof subject 4 as Average

**Subject 5:**

* **75%** of the students have rated Project/Seminarof subject 5 as Outstanding
* **14%** of the students have rated Project/Seminarof subject 5 as Excellent
* **8%** of the students have rated Project/Seminarof subject 5 as Good
* **3%** of the students have rated Project/Seminarof subject 5 as Average

**Criterion: IV: Overall**

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

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

A-Average

G-Good

E-Excellent

O-Outstanding

Table 4: Subject wise Frequency given by students aboutoverall course

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 6 | 7 | 8 | 6 | 6 |
| G | 20 | 14 | 14 | 15 | 6 |
| E | 10 | 15 | 15 | 15 | 10 |
| O | 57 | 57 | 56 | 57 | 68 |
| Total | 93 | 93 | 93 | 93 | 90 |

Table 4: Subject wise Percentage of grades given by students aboutoverall course

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade | PHY 409 | PHY410 | PHY411 | PHY412 | sub5 |
| A | 6 | 8 | 9 | 6 | 7 |
| G | 22 | 15 | 15 | 16 | 7 |
| E | 11 | 16 | 16 | 16 | 11 |
| O | 61 | 61 | 60 | 61 | 76 |
| Total | 100 | 100 | 100 | 100 | 100 |

**Subject 1: PHY 409**

* **61%** of the students have rated Over All of subject 1 as Outstanding
* **11%** of the students have rated Over Allof subject 1 as Excellent
* **22%** of the students have rated Over Allof subject 1 as Good
* **6%** of the students have rated Over Allof subject 1 as Average

**Subject 2: PHY410**

* **61%** of the students have rated Over All of subject 2 as Outstanding
* **16%** of the students have rated Over Allof subject 2 as Excellent
* **15%** of the students have rated Over Allof subject 2 as Good
* **8%** of the students have rated Over Allof subject 2 as Average

**Subject 3: PHY411**

* **60%** of the students have rated Over All of subject 3 as Outstanding
* **16%** of the students have rated Over All of subject 3 as Excellent
* **15%** of the students have rated Over Allof subject 3 as Good
* **9%** of the students have rated Over All of subject 3 as Average

**Subject 4: PHY412**

* **61%** of the students have rated Over Allof subject 4 as Outstanding
* **16%** of the students have rated Over All of subject 4 as Excellent
* **16%** of the students have rated Over Allof subject 4 as Good
* **6%** of the students have rated Over All of subject 4 as Average

**Subject 5:**

* **76%** of the students have rated Over All of subject 5 as Outstanding
* **11%** of the students have rated Over Allof subject 5 as Excellent
* **7%** of the students have rated Over All of subject 5 as Good
* **7%** of the students have rated Over All of subject 5 as Average

**Analysis of feedbacks of students about criterion V: Infrastructure**

In part IV students have given overall feedback about 7 different aspects as follows:

1. Sufficient facilities are available in the department
2. Toilets/washrooms are hygienic and properly maintained
3. Clean drinking water is available in the department and on the campus.
4. Number of PCs needed for the course were adequate
5. Equipment in the labs are adequate and in working condition
6. Computer lab is accessible
7. Internet facility is available

as per their satisfaction in 4 levels:

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

|  |  |  |
| --- | --- | --- |
| Grade | **Frequency** | **Percentage** |
| A | 106 | 13 |
| G | 151 | 18 |
| E | 111 | 13 |
| O | 471 | 56 |
| Total | 839 | 100 |

* **56%** of the students graded the infrastructure of Department of Physicsas Outstanding
* **13%** of the students graded the infrastructure of Department of Physics as Excellent
* **18%** of the students graded the infrastructure of Department of Physics as Good
* **13%**of the students graded the infrastructure of Department of Physics as Average

**Analysis of feedbacks of students of Semester- III of M.Sc. Physics 2016-2017 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 student’s feedback is summarized in the following table:

|  |  |  |
| --- | --- | --- |
| Feedback about Criterion | Yes  (%) | No  (%) |
| VI | 19 | 3 |
| VII | 20 | 2 |
| VIII | 22 | 0 |
| IX | 20 | 2 |
| X | 17 | 4 |

* **19**% of the students wish to have counseling by the teachers / experts for their personal or academic problem.
* **20**% of the students of the students wish to have classes in soft skill and personality development.
* **22%** of the students of the students wish to have more industrial/ field visits.
* **20**% of the students find a positive change in department activities in this semester.
* **17**% of the students of the students would like to be actively associated with alumni association