**Analysis of feedbacks of students of Semester- II, M.Sc. Biochemistry.**

**Analysis of feedbacks of students of Semester- II of M.Sc. Biochemistry, 2017-2018**

**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

**Subject1 :**Advanced Molecular Biology

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 6 |
| G | 11 | 69 |
| E | 4 | 25 |
| O | 0 | 0 |
| Total | 16 | 100 |

* 25% of the students have rated course curriculum of Advanced Molecular Biology as excellent.
* 69% of the students have rated course curriculum of Advanced Molecular Biology as good.
* 6% of the students have rated course curriculum of Advanced Molecular Biology as average.

**Subject3 : Bio-analytical Chemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 3 |
| G | 19 | 59 |
| E | 11 | 34 |
| O | 1 | 3 |
| Total | 32 | 100 |

* 34% of the students have rated course curriculum of Bio-analytical Chemistry as excellent.
* 3% of the students have rated course curriculum of Bio-analytical Chemistry as outstanding.
* 59% of the students have rated course curriculum of Bio-analytical Chemistry as good
* 3% of the students have rated course curriculum of Bio-analytical Chemistry as average.

**Subject 3: Enzymology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 2 |
| E | 22 | 46 |
| G | 25 | 52 |
| O | 48 | 0 |
| Total | 160 | 100.00 |

* 46% of the students have rated course curriculum of Bio-analytical Chemistry as excellent.
* 52% of the students have rated course curriculum of Bio-analytical Chemistry as good
* 2% of the students have rated course curriculum of Bio-analytical Chemistry as average.

**Subject4: Plant Biochemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 0 | 0 |
| E | 19 | 37 |
| G | 11 | 63 |
| O | 0 | 0 |
| Total | 30 | 100 |

* 37% of the students have rated course curriculum of Plant Biochemistry as excellent.
* 63% of the students have rated course curriculum of Plant Biochemistry as good

**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**:

**Teacher 1 : Advanced Molecular Biology**

|  |  |  |
| --- | --- | --- |
| **Grade** | **Frequency** | **Percent(%)** |
| A | 3 | 6 |
| E | 17 | 35 |
| G | 14 | 29 |
| O | 14 | 29 |
| Total | 48 | 100 |

* 35% of the students have rated performance of teacher of Advanced Molecular Biology as excellent.
* 29% of the students have rated performance of teacher of Advanced Molecular Biology as outstanding.
* 29% of the students have rated performance of teacher of Advanced Molecular Biology as good
* 6% of the students have rated performance of teacher of Advanced Molecular Biology as average.

**Teacher 2 : Bioanalytical Chemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 2 | 4 |
| E | 20 | 42 |
| G | 22 | 46 |
| O | 4 | 8 |
| Total | 48 | 100 |

* 42% of the students have rated performance of teacher of Bioanalytical Chemistry as excellent.
* 8% of the students have rated performance of teacher of Bioanalytical Chemistry as outstanding.
* 46% of the students have rated performance of teacher of Bioanalytical Chemistry as good
* 4% of the students have rated performance of teacher of Bioanalytical Chemistry as average.

**Teacher3 : Enzymology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 2 |
| E | 22 | 46 |
| G | 25 | 52 |
| O | 0 | 0 |
| Total | 48 | 100 |

* 46% of the students have rated performance of teacher of Enzymology as excellent.
* 52% of the students have rated performance of teacher of Enzymology as good
* 2% of the students have rated performance of teacher of Enzymology as average.

**Teacher4: Plant Biochemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 2 | 5 |
| E | 11 | 25 |
| G | 23 | 52 |
| O | 8 | 18 |
| Total | 44 | 100 |

* 25% of the students have rated performance of teacher of Plant Biochemistry as excellent.
* 18% of the students have rated performance of teacher of Plant Biochemistry as outstanding.
* 52% of the students have rated performance of teacher of Plant Biochemistry as good
* 5% of the students have rated performance of teacher of Plant Biochemistry as average.

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

**Projects/Seminars 1 : Adv. Molecular Biology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 6 |
| E | 11 | 69 |
| G | 4 | 25 |
| O | 0 | 0 |
| Total | 16 | 100.00 |

* 69% of the students have rated project/seminar/assignments of Adv. Molecular Biology as excellent.
* 25% of the students have rated project/seminar/assignments of Adv. Molecular Biology as good
* 6% of the students have rated project/seminar/assignments of Adv. Molecular Biology as average.

**Projects/Seminars 2 : Bioanalytical Chemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 3 | 19 |
| G | 10 | 63 |
| E | 3 | 19 |
| O | 0 | 0 |
| Total | 16 | 100 |

* 19 % of the students have rated project/seminar/assignments of Bioanalytical Chemistry as excellent.
* 63% of the students have rated project/seminar/assignments of Bioanalytical Chemistry as good
* 19% of the students have rated project/seminar/assignments of Bioanalytical Chemistry as average.

**Projects/Seminars : Enzymology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 4 | 17 |
| G | 6 | 25 |
| E | 14 | 58 |
| O | 0 | 0 |
| Total | 24 | 100 |

* 58% of the students have rated project/seminar/assignments of Enzymology as excellent.
* 25% of the students have rated project/seminar/assignments of Enzymology as good
* 17% of the students have rated project/seminar/assignments of Enzymology as average.

**Projects/Seminars 4 : Plant Biochemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 6 |
| E | 12 | 75 |
| G | 3 | 19 |
| O | 0 | 0 |
| Total | 16 | 100 |

* 75 % of the students have rated project/seminar/assignments of Plant Biochemistry as excellent.
* 19% of the students have rated project/seminar/assignments of Plant Biochemistry as good
* 6% of the students have rated project/seminar/assignments of Plant Biochemistry as average.

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

**Overall 1 : Adv. Molecular Biology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 0 | 0 |
| E | 5 | 42 |
| G | 6 | 50 |
| O | 1 | 8 |
| Total | 12 | 100 |

**Overall 2 : Bioanalytical Chemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 1 | 8 |
| E | 8 | 67 |
| G | 2 | 17 |
| O | 1 | 8 |
| Total | 12 | 100 |

**Overall 3 : Enzymology**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 0 | 0 |
| E | 4 | 22 |
| G | 12 | 67 |
| O | 2 | 11 |
| Total | 18 | 100 |

**Overall 4 : Bio-analytical Chemistry**

|  |  |  |
| --- | --- | --- |
| Grade | Frequency | Percent |
| A | 0 | 0 |
| E | 7 | 58 |
| G | 4 | 33 |
| O | 1 | 8 |
| Total | 12 | 100 |