**Analysis of feedbacks of students of Semester- II of Chem. Tech. 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 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 Frequency Score given by students for course curriculum

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | sub1 | sub2 | sub3 | sub4 | sub5 | sub6 | sub7 | sub8 | sub9 |
| A | 1 | 0 | 7 | 16 | 4 | 8 | 15 | 1 | 5 |
| G | 24 | 8 | 9 | 1 | 12 | 0 | 2 | 0 | 1 |
| E | 7 | 13 | 8 | 15 | 0 | 0 | 7 | 11 | 2 |
| O | 8 | 3 | 0 | 0 | 16 | 0 | 8 | 4 | 0 |
| Total | 40 | 24 | 24 | 32 | 32 | 8 | 32 | 16 | 8 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | sub1 | sub2 | sub3 | sub4 | sub5 | sub6 | sub7 | sub8 | sub9 |
| A | 3 | 0 | 29 | 50 | 13 | 100 | 47 | 6 | 63 |
| G | 60 | 33 | 38 | 3 | 38 | 0 | 6 | 0 | 13 |
| E | 18 | 54 | 33 | 47 | 0 | 0 | 22 | 69 | 25 |
| O | 20 | 13 | 0 | 0 | 50 | 0 | 25 | 25 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Subject 1: Organic Chemistry-II**

* **20%** of the students have rated course curriculum of subject 1 as Outstanding
* **8%** of the students have rated course curriculum of subject 1 as Excellent
* **60%** of the students have rated course curriculum of subject 1 as Good
* **3%** of the students have rated course curriculum of subject 1 as Average

**Subject 2: Biological Science**

* **13%** of the students have rated course curriculum of subject 2 as Outstanding
* **54%** of the students have rated course curriculum of subject 2 as Excellent
* **33%** of the students have rated course curriculum of subject 2 as Good
* **0%** of the students have rated course curriculum of subject 2 as Average

**Subject 3: Environment & Ecology**

* **0%** of the students have rated course curriculum of subject 3 as Outstanding
* **33%** of the students have rated course curriculum of subject 3 as Excellent
* **38%** of the students have rated course curriculum of subject 3 as Good
* **29%** of the students have rated course curriculum of subject 3 as Average

**Subject 4: Physics**

* **0%** of the students have rated course curriculum of subject 4 as Outstanding
* **47%** of the students have rated course curriculum of subject 4 as Excellent
* **3%** of the students have rated course curriculum of subject 4 as Good
* **50%** of the students have rated course curriculum of subject 4 as Average

**Subject 5: Basic Mechanical Engineering**

* **50%** of the students have rated course curriculum of subject 5 as Outstanding
* **0%** of the students have rated course curriculum of subject 5 as Excellent
* **38%** of the students have rated course curriculum of subject 5 as Good
* **13%** of the students have rated course curriculum of subject 5 as Average

**Subject 6: Environment & Ecology**

* **0%** of the students have rated course curriculum of subject 6 as Outstanding
* **0%** of the students have rated course curriculum of subject 6 as Excellent
* **0%** of the students have rated course curriculum of subject 6 as Good
* **100%** of the students have rated course curriculum of subject 6 as Average

**Subject 7: Environment & Ecology**

* **25%** of the students have rated course curriculum of subject 7 as Outstanding
* **22%** of the students have rated course curriculum of subject 7 as Excellent
* **6%** of the students have rated course curriculum of subject 7 as Good
* **47%** of the students have rated course curriculum of subject 7 as Average

**Subject 8: Biological Science**

* **25%** of the students have rated course curriculum of subject 8 as Outstanding
* **69%** of the students have rated course curriculum of subject 8 as Excellent
* **0%** of the students have rated course curriculum of subject 8 as Good
* **6%** of the students have rated course curriculum of subject 8 as Average

**Subject 9: Organic Chemistry-II**

* **0%** of the students have rated course curriculum of subject 9 as Outstanding
* **25%** of the students have rated course curriculum of subject 9 as Excellent
* **13%** of the students have rated course curriculum of subject 9 as Good
* **63%** of the students have rated course curriculum of subject 9 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 teachers presented in tabular and graphical form as follows**:

Table 2: Frequency given by students for performance of teachers

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | sub1 | sub2 | sub3 | sub4 | sub5 | sub6 | sub7 | sub8 | sub9 |
| A | 5 | 1 | 0 | 25 | 24 | 8 | 0 | 12 | 12 |
| G | 23 | 8 | 15 | 12 | 24 | 4 | 14 | 6 | 0 |
| E | 12 | 15 | 9 | 10 | 0 | 0 | 10 | 5 | 0 |
| O | 20 | 12 | 12 | 1 | 0 | 0 | 12 | 1 | 0 |
| Total | 60 | 36 | 36 | 48 | 48 | 12 | 36 | 24 | 12 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 | Sub6 | Sub7 | Sub8 | Sub9 |
| A | 8 | 3 | 0 | 52 | 50 | 67 | 0 | 50 | 100 |
| G | 38 | 22 | 42 | 25 | 50 | 33 | 39 | 25 | 0 |
| E | 20 | 42 | 25 | 21 | 0 | 0 | 28 | 21 | 0 |
| O | 33 | 33 | 33 | 2 | 0 | 0 | 33 | 4 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Subject 1: Organic Chemistry-II**

* **33%** of the students have rated Teacher of subject 1 as Outstanding
* **20%** of the students have rated Teacher of subject 1 as Excellent
* **38%** of the students have rated Teacher of subject 1 as Good
* **8%** of the students have rated Teacher of subject 1 as Average

**Subject 2: Biological Science**

* **33%** of the students have rated Teacher of subject 2 as Outstanding
* **42%** of the students have rated Teacher of subject 2 as Excellent
* **22%** of the students have rated Teacher of subject 2 as Good
* **3%** of the students have rated Teacher of subject 2 as Average

**Subject 3: Environment & Ecology**

* **33%** of the students have rated Teacher of subject 3 as Outstanding
* **25%** of the students have rated Teacher of subject 3 as Excellent
* **42%** of the students have rated Teacher of subject 3 as Good
* **0%** of the students have rated Teacher of subject 3 as Average

**Subject 4: Physics**

**2%** of the students have rated Teacher of subject 4 as Outstanding

* **21%** of the students have rated Teacher of subject 4 as Excellent
* **25%** of the students have rated Teacher of subject 4 as Good
* **52%** of the students have rated Teacher of subject 4 as Average

**Subject 5: Basic Mechanical Engineering**

**0%** of the students have rated Teacher of subject 5 as Outstanding

* **0%** of the students have rated Teacher of subject 5 as Excellent
* **50%** of the students have rated Teacher of subject 5 as Good
* **50%** of the students have rated Teacher of subject 5 as Average

**Subject 6: Environment & Ecology**

* **0%** of the students have rated Teacher of subject 6 as Outstanding
* **0%** of the students have rated Teacher of subject 6 as Excellent
* **33%** of the students have rated Teacher of subject 6 as Good
* **67%** of the students have rated Teacher of subject 6 as Average

**Subject 7: Environment & Ecology**

**33%** of the students have rated Teacher of subject 7 as Outstanding

* **28%** of the students have rated Teacher of subject 7 as Excellent
* **39%** of the students have rated Teacher of subject 7 as Good
* **0%** of the students have rated Teacher of subject 7 as Average

**Subject 8: Biological Science**

* **4%** of the students have rated Teacher of subject 8 as Outstanding
* **21%** of the students have rated Teacher of subject 8 as Excellent
* **25%** of the students have rated Teacher of subject 8 as Good
* **50%** of the students have rated Teacher of subject 8 as Average

**Subject 9: Organic Chemistry-II**

**0%** of the students have rated Teacher of subject 9 as Outstanding

* **0%** of the students have rated Teacher of subject 9 as Excellent
* **0%** of the students have rated Teacher of subject 9 as Good
* **100%** of the students have rated Teacher of subject 9 as Average

**Analysis of feedbacks of students of Semester- II of Chem. Tech. 2017-2018 aboutProjects/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 | 1877 | 1878 | 1929 | 1931 | 1944 | 1946 | 1958 | 1974 | 1988 |
| A | 2 | 1 | 0 | 12 | 12 | 4 | 0 | 5 | 4 |
| G | 6 | 1 | 4 | 4 | 4 | 0 | 6 | 3 | 0 |
| E | 8 | 6 | 0 | 0 | 0 | 0 | 6 | 0 | 0 |
| O | 4 | 4 | 8 | 0 | 0 | 0 | 4 | 0 | 0 |
| Total | 20 | 12 | 12 | 16 | 16 | 4 | 16 | 8 | 4 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 | Sub6 | Sub7 | Sub8 | Sub9 |
| A | 10 | 8 | 0 | 75 | 75 | 100 | 0 | 63 | 100 |
| G | 30 | 8 | 33 | 25 | 25 | 0 | 38 | 38 | 0 |
| E | 40 | 50 | 0 | 0 | 0 | 0 | 38 | 0 | 0 |
| O | 20 | 33 | 67 | 0 | 0 | 0 | 25 | 0 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Subject 1: Organic Chemistry-II**

* **20%** of the students have rated Project/Seminar of subject 1 as Outstanding
* **40%** of the students have rated Project/Seminar of subject 1 as Excellent
* **30%** of the students have rated Project/Seminar of subject 1 as Good
* **10%** of the students have rated Project/Seminar of subject 1 as Average

**Subject 2: Biological Science**

* **33%** of the students have rated Project/Seminar of subject 2 as Outstanding
* **50%** of the students have rated Project/Seminar of subject 2 as Excellent
* **8%** of the students have rated Project/Seminar of subject 2 as Good
* **8%** of the students have rated Project/Seminar of subject 2 as Average

**Subject 3: Environment & Ecology**

* **67%** of the students have rated Project/Seminar of subject 3 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 3 as Excellent
* **33%** of the students have rated Project/Seminar of subject 3 as Good
* **0%** of the students have rated Project/Seminar of subject 3 as Average

**Subject 4: Physics**

* **0%** of the students have rated Project/Seminar of subject 4 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 4 as Excellent
* **25%** of the students have rated Project/Seminar of subject 4 as Good
* **75%** of the students have rated Project/Seminar of subject 4 as Average

**Subject 5: Basic Mechanical Engineering**

* **0%** of the students have rated Project/Seminar of subject 5 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 5 as Excellent
* **25%** of the students have rated Project/Seminar of subject 5 as Good
* **75%** of the students have rated Project/Seminar of subject 5 as Average

**Subject 6: Environment & Ecology**

* **0%** of the students have rated Project/Seminar of subject 6 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 6 as Excellent
* **0%** of the students have rated Project/Seminar of subject 6 as Good
* **100%** of the students have rated Project/Seminar of subject 6 as Average

**Subject 7: Environment & Ecology**

* **25%** of the students have rated Project/Seminar of subject 7 as Outstanding
* **38%** of the students have rated Project/Seminar of subject 7 as Excellent
* **38%** of the students have rated Project/Seminar of subject 7 as Good
* **0%** of the students have rated Project/Seminar of subject 7 as Average

**Subject 8: Biological Science**

* **0%** of the students have rated Project/Seminar of subject 8 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 8 as Excellent
* **38%** of the students have rated Project/Seminar of subject 8 as Good
* **63%** of the students have rated Project/Seminar of subject 8 as Average

**Subject 9: Organic Chemistry-II**

* **0%** of the students have rated Project/Seminar of subject 9 as Outstanding
* **0%** of the students have rated Project/Seminar of subject 9 as Excellent
* **0%** of the students have rated Project/Seminar of subject 9 as Good
* **100%** of the students have rated Project/Seminar of subject 9 as Average

**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

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 about overall course

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 | Sub6 | Sub7 | Sub8 | Sub9 |
| A | 2 | 0 | 1 | 9 | 7 | 3 | 1 | 4 | 3 |
| G | 6 | 1 | 5 | 1 | 5 | 0 | 4 | 2 | 0 |
| E | 1 | 3 | 0 | 2 | 0 | 0 | 4 | 0 | 0 |
| O | 6 | 5 | 3 | 0 | 0 | 0 | 3 | 0 | 0 |
| Total | 15 | 9 | 9 | 12 | 12 | 3 | 12 | 6 | 3 |

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

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Grade | Sub1 | Sub2 | Sub3 | Sub4 | Sub5 | Sub6 | Sub7 | Sub8 | Sub9 |
| A | 13 | 0 | 11 | 75 | 58 | 100 | 8 | 67 | 100 |
| G | 40 | 11 | 56 | 8 | 42 | 0 | 33 | 33 | 0 |
| E | 7 | 33 | 0 | 17 | 0 | 0 | 33 | 0 | 0 |
| O | 40 | 56 | 33 | 0 | 0 | 0 | 25 | 0 | 0 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

**Subject 1: Organic Chemistry-II**

* **40%** of the students have rated Overall about subject 1 as Outstanding
* **7%** of the students have rated Overall about subject 1 as Excellent
* **40%** of the students have rated Overall about subject 1 as Good
* **13%** of the students have rated Overall about subject 1 as Average

**Subject 2: Biological Science**

* **56%** of the students have rated Overall about subject 2 as Outstanding
* **33%** of the students have rated Overall about subject 2 as Excellent
* **11%** of the students have rated Overall about subject 2 as Good
* **0%** of the students have rated Overall about subject 2 as Average

**Subject 3: Environment & Ecology**

* **33%** of the students have rated Overall about subject 3 as Outstanding
* **0%** of the students have rated Overall about subject 3 as Excellent
* **56%** of the students have rated Overall about subject 3 as Good
* **11%** of the students have rated Overall about subject 3 as Average

**Subject 4: Physics**

* **0%** of the students have rated Overall about subject 4 as Outstanding
* **17%** of the students have rated Overall about subject 4 as Excellent
* **8%** of the students have rated Overall about subject 4 as Good
* **75%** of the students have rated Overall about subject 4 as Average

**Subject 5: Basic Mechanical Engineering**

* **0%** of the students have rated Overall about subject 5 as Outstanding
* **0%** of the students have rated Overall about subject 5 as Excellent
* **42%** of the students have rated Overall about subject 5 as Good
* **58%** of the students have rated Overall about subject 5 as Average

**Subject 6:  Environment & Ecology**

* **0%** of the students have rated Overall about subject 6 as Outstanding
* **0%** of the students have rated Overall about subject 6 as Excellent
* **0%** of the students have rated Overall about subject 6 as Good
* **100%** of the students have rated Overall about subject 6 as Average

**Subject 7: Environment & Ecology**

* **25%** of the students have rated Overall about subject 7 as Outstanding
* **33%** of the students have rated Overall about subject 7 as Excellent
* **33%** of the students have rated Overall about subject 7 as Good
* **8%** of the students have rated Overall about subject 7 as Average

**Subject 8: Biological Science**

* **0%** of the students have rated Overall about subject 8 as Outstanding
* **0%** of the students have rated Overall about subject 8 as Excellent
* **33%** of the students have rated Overall about subject 8 as Good
* **67%** of the students have rated Overall about subject 8 as Average

**Subject 9: Organic Chemistry-II**

* **0%** of the students have rated Overall about subject 9 as Outstanding
* **0%** of the students have rated Overall about subject 9 as Excellent
* **0%** of the students have rated Overall about subject 9 as Good
* **100%** of the students have rated Overall about subject 9 as Average