## DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, AURANGABAD

## DEPARTMENT OF CHEMISTRY

## Analysis of Student feedbacks of M. Sc.Chemistry II ${ }^{\text {nd }}$ Year for the academic year, 2016-2017

## Analysis of feedbacks of students about course curriculum

In part I students have given the feedback about different aspects of course curriculum such as
a. The course objectives and outcomes were clearly defined/identified
b. Length: Course material were of appropriate length
c. Relevance: Course material were relevant
d. Quality: Course material were of high quality and up to date
e. Organization: Material was well organized
f. The course provides useful inputs
g. The course provides focus on skill development/ employability/ entrepreneurship
h. The course updates understanding in this fieldas per their satisfaction in 4 levels:

A- Average
G- Good
E- Excellent
O- Outstanding
The students graded the about course curriculum as follows:
Table 1: Subject wise Percentage of grades given by students for course curriculum

| Grade | Inorganic <br> Chemistry |  | Organic <br> Chemistry |  | Physical <br> Chemistry |  | Analytical <br> Chemistry |  |
| :---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  | Freq. | $\%$ | Freq. |  |  |  |  |  |
| A | 60 | 9 | 38 | 5 | 86 | 12 | 66 | 10 |
| G | 212 | 31 | 134 | 19 | 210 | 30 | 180 | 26 |
| E | 215 | 31 | 227 | 33 | 207 | 30 | 226 | 33 |
| O | 208 | 30 | 294 | 42 | 189 | 27 | 222 | 32 |




Course Curriculum Feedback: Inorganic Chemistry

- $30 \%$ of the students have rated course curriculum of Analytical Chemistry as outstanding
- $31 \%$ of the students have rated course curriculum of Analytical Chemistry as Excellent
- $31 \%$ of the students have rated course curriculum of Analytical Chemistry as good
- $9 \%$ of the students have rated course curriculum of Analytical Chemistry as average


## Course Curriculum Feedback: Organic Chemistry

- $42 \%$ of the students have rated course curriculum of Inorganic Chemistry as Excellent
- $33 \%$ of the students have rated course curriculum of Inorganic Chemistry as outstanding
- $19 \%$ of the students have rated course curriculum of Inorganic Chemistry as good
- $5 \%$ of the students have rated course curriculum of Inorganic Chemistry as average


## Course Curriculum Feedback: Physical Chemistry

- $27 \%$ of the students have rated course curriculum of Organic Chemistry as Excellent
- $30 \%$ of the students have rated course curriculum of Organic Chemistry as outstanding
- $30 \%$ of the students have rated course curriculum of Organic Chemistry as good
- $12 \%$ of the students have rated course curriculum of Organic Chemistry as average


## Course Curriculum Feedback: Analytical Chemistry

- $32 \%$ of the students have rated course curriculum of Physical Chemistry as Excellent
- $33 \%$ of the students have rated course curriculum of Physical Chemistry as outstanding
- $26 \%$ of the students have rated course curriculum of Physical Chemistry as good
- $10 \%$ of the students have rated course curriculum of Physical Chemistry as average
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## 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 classuse 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

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

| Grade | ASR |  | STG |  | MKL |  | SRS |  | SGS |  | GMB |  | BBS |  | BRS |  | ASC |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% |
| A | 165 | 16 | 135 | 13 | 56 | 5 | 156 | 15 | 73 | 7 | 76 | 7 | 56 | 5 | 48 | 5 | 58 | 6 |
| G | 322 | 31 | 289 | 28 | 242 | 23 | 293 | 28 | 308 | 30 | 268 | 26 | 151 | 15 | 209 | 20 | 196 | 19 |
| E | 291 | 28 | 309 | 30 | 320 | 31 | 243 | 23 | 294 | 28 | 302 | 29 | 290 | 28 | 290 | 28 | 260 | 25 |
| O | 264 | 25 | 307 | 30 | 420 | 40 | 344 | 33 | 359 | 35 | 385 | 37 | 534 | 52 | 483 | 47 | 519 | 50 |
| Total | 1042 | 100 | 1040 | 100 | 1038 | 100 | 1036 | 100 | 1034 | 100 | 1031 | 100 | 1031 | 100 | 1030 | 100 | 1033 | 100 |

- $33 \%$ of the students have rated course curriculum of Physical Chemistry as outstanding
- $26 \%$ of the students have rated course curriculum of Physical Chemistry as good
- $10 \%$ of the students have rated course curriculum of Physical Chemistry as average


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| Grade | ASR |  | STG |  | MKL |  | SRS |  | SGS |  | GMB |  | BBS |  | BRS |  | ASC |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% | Freq | \% |
| A | 165 | 16 | 135 | 13 | 56 | 5 | 156 | 15 | 73 | 7 | 76 | 7 | 56 | 5 | 48 | 5 | 58 | 6 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| G | 322 | 31 | 289 | 28 | 242 | 23 | 293 | 28 | 308 | 30 | 268 | 26 | 151 | 15 | 209 | 20 | 196 | 19 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| E | 291 | 28 | 309 | 30 | 320 | 31 | 243 | 23 | 294 | 28 | 302 | 29 | 290 | 28 | 290 | 28 | 260 | 25 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| O | 264 | 25 | 307 | 30 | 420 | 40 | 344 | 33 | 359 | 35 | 385 | 37 | 534 | 52 | 483 | 47 | 519 | 50 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | 1042 | 100 | 1040 | 100 | 1038 | 100 | 1036 | 100 | 1034 | 100 | 1031 | 100 | 1031 | 100 | 1030 | 100 | 1033 | 100 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



## A.S.R

- $25 \%$ of the students have rated performance of A.S.R.as outstanding
- $28 \%$ of the students have rated performance of A.S.R as Excellent
- $31 \%$ of the students have rated performance of A.S.R as good
- $16 \%$ of the students have rated performance of A.S.R as average


## S.T.G

- $30 \%$ of the students have rated performance of S.T.G as Excellent
- $30 \%$ of the students have rated performance of S.T.G as outstanding
- $28 \%$ of the students have rated performance of S.T.G as good
- $13 \%$ of the students have rated performance of S.T.G as average


## M.K.L

- $31 \%$ of the students have rated performance of M.K.L as Excellent
- $40 \%$ of the students have rated performance of M.K.L as outstanding
- $23 \%$ of the students have rated performance of M.K.L as good
- $5 \%$ of the students have rated performance of M.K.L as average


## S.R.S

- $23 \%$ of the students have rated performance of S.R.S as Excellent
- $33 \%$ of the students have rated performance of S.R.S as outstanding
- $28 \%$ of the students have rated performance of S.R.S as good
- $15 \%$ of the students have rated performance of S.R.S as average


## S.G.S

- $28 \%$ of the students have rated performance of S.G.S as Excellent
- $35 \%$ of the students have rated performance of S.G.S as outstanding
- $30 \%$ of the students have rated performance of S.G.S as good
- $7 \%$ of the students have rated performance of S.G.S as average


## G.M.B

- $29 \%$ of the students have rated performance of G.M.B as Excellent
- $37 \%$ of the students have rated performance of G.M.B as outstanding
- $26 \%$ of the students have rated performance of G.M.Bas good
- $7 \%$ of the students have rated performance of G.M.B as average


## B.B.S

- $28 \%$ of the students have rated performance of teacher B.B.S as Excellent
- $52 \%$ of the students have rated performance of teacherB.B.S as outstanding
- $15 \%$ of the students have rated performance of teacherB.B.S as good
- $5 \%$ of the students have rated performance of teacherB.B.S as average


## B.R.S

- $28 \%$ of the students have rated performance of B.R.S as Excellent
- $47 \%$ of the students have rated performance of B.R.Sas outstanding
- $20 \%$ of the students have rated performance of B.R.Sas good
- $5 \%$ of the students have rated performance of B.R.S as average


## A.S.C

- $25 \%$ of the students have rated performance of A.S.C as Excellent
- $50 \%$ of the students have rated performance of A.S.C as outstanding
- $19 \%$ of the students have rated performance of A.S.Cas good
- $6 \%$ of the students have rated performance of A.S.C 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:
a. Project / Seminar topics are new and interesting
b. Learnt a lot from doing the project / Seminar? Home Assignment
c. The assignment was regularly given and checked
d. 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
Table 3: Subject wise Percentage of grades given by students for project/seminar/assignments

| Grade | Frequency | Percent |
| :---: | ---: | ---: |
| A | 10 | 3 |
| G | 67 | 19 |
| E | 112 | 32 |
| O | 158 | 46 |
| Total | 347 | 100 |



- $32 \%$ of the students have rated Project/seminar/assignments of Chemistry as Excellent
- $46 \%$ of the students have rated Project/seminar/assignments of Chemistry as outstanding
- $19 \%$ of the students have rated Project/seminar/assignments of Chemistry as good
- $3 \%$ of the students have rated Project/seminar/assignments of Chemistry as averag


## Criterion 4: Infrastructure

The feedback of students about Infrastructure is presented in tabular and graphical form as follows:
Table 4: Infrastructure feedback summary

| Grade | Frequency | Percent |
| :---: | ---: | ---: |
| A | 198 | 33 |
| G | 161 | 27 |
| E | 130 | 21 |
| O | 118 | 19 |
| Total | 607 | 100 |



- $21 \%$ of the students have rated Infrastructure facilities in the department as Excellent
- $19 \%$ of the students have rated Infrastructure facilities in the department as outstanding
- $27 \%$ of the students have rated Infrastructure facilities in the department as good
- $33 \%$ of the students have rated Infrastructure facilities in the department as average


## Criterion 5: Overall

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

Table 5: Overall feedback summary

| Grade | Frequency | Percent |
| :---: | :---: | :---: |
| A | 3 | 1 |
| G | 43 | 17 |
| $E$ | 77 | 30 |
| O | 132 | 52 |
| Total | 255 | 100 |



- $30 \%$ of the students have rated Overall facilities in the department as Excellent
- $52 \%$ of the students have rated Overall facilities in the department as outstanding
- $17 \%$ of the students have rated Overall facilities in the department as good
- $1 \%$ of the students have rated Overall facilities in the department as average


## Analysis of feedbacks of students of aboutcriterion 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 students feedback is summarized in the following tab

| Feedback <br> about Criterion | Yes | No |
| :--- | ---: | ---: |
|  | (\%) | (\%) |
| VI | 90 | 10 |
| VII | 88 | 13 |
| VIII | 81 | 19 |
| IX | 90 | 10 |
| X | 71 | 29 |




- $90 \%$ of the students wish to have counseling by the teachers / experts for their personal or academic problem.
- $\mathbf{8 8} \%$ of the students of the students wish to have classes in soft skill and personality development.
- $\mathbf{8 1} \%$ of the students of the students wish to havemore industrial/ field visits.
- $90 \%$ of the students finds a positive change in department activities in this semester.
- $71 \%$ of the students of the students would like to be actively associated with alumni association


