

**Govt. V.Y.T. PG. Autonomous College,
Durg (C.G.)**



**REPORT ON ANALYSIS OF STUDENTS'
FEEDBACK**

ON

CURRICULAR ASPECTS

(2020-21)



Govt. V.Y.T. PG Autonomous College, Durg

Report on Analysis of Students' Feedback

On Curricular Aspects

With quality sustenance as its focus, the IQAC of the institution has developed the feedback mechanism beginning with obtaining feedback from the various stakeholders through a structured rating-based feedback form for continuous improvement in curriculum. The College aims to offer the best possible learning environment to the students in order to empower them to accomplish to their full potential. Feedback allows the opportunity to the students to understand various aspects of curriculum and place their responses on the basis of level of satisfaction. With these valuable suggestions, IQAC submit a report for further improvement of the curriculum, which can be forwarded to the various faculty members to consider in the meeting of Board of Studies.

Methodology:

The feedback from students on design and development of curriculum was obtained through Structured Questionnaire which included 08 questions on various aspects of curriculum and suggestion for further improvement.

A five-point Likert scale has been used with weights assigned from 1 to 5 to different levels as follows:

1- Strongly Disagree; 2- Disagree; 3- Neither Agree nor Disagree; 4- Agree; 5- Strongly Agree

The Range of each order or level is determined by the following formula:

$$\text{(Highest point in Likert Scale- Lowest point in Likert Scale)/ Number of Levels}$$

$$\text{Therefore, Range= (5-1)/5=4/5=0.8}$$

Hence, Range for:

1	Strongly Disagree	1.0 to 1.8
2	Disagree	1.8 to 2.6
3	Neither Agree nor Disagree	2.6 to 3.4
4	Agree	3.4 to 4.2
5	Strongly Agree	4.2 to 5.0

Student's Feedback Questionnaire on Curricular Aspects:

S.No.	Particulars
1	Relevance of Curriculum: The content is adequate and career oriented/ employable
2	Coverage of Course: The course includes fundamental and applied aspect
3	Value addition: The curriculum incorporates environmental, moral and social values
4	Skill development: The curriculum is supported with practical/Field work/Project work/other activities
5	Delivery of content: The course is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc.
6	Availability of resources: The resources for learning are adequate and easily available
7	Availability of programme: There is ample choice of subject combination or availability of electives
8	Overall academic atmosphere: The overall academic atmosphere is..
9	Suggestion for further improvement

To determine that the sample is representative sample or not, sample size adequacy test was performed.

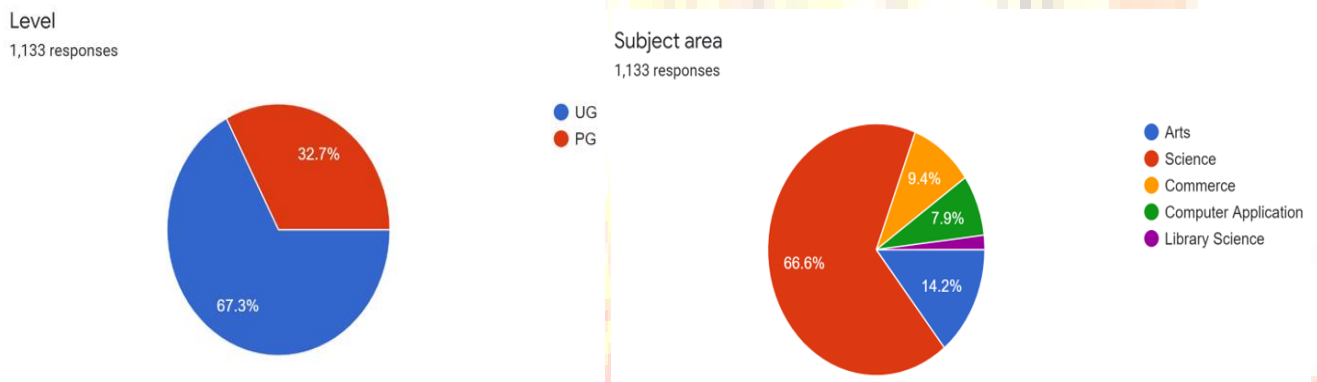
Sample Size Adequacy Test:

To test the adequacy of sample size, Slovin's test (1960) has been used, which is as follows:

$n = N / (1 + Ne^2)$ Where n= Minimum Sample Size; N=Total Population; e=Error Tolerance Level

In session 2020 -21, total number of students were = 7115. Taking the confidence level as 95 % & Error Tolerance= 5%; So, $n = 7115 / (1 + 7115(0.05)^2)$; $n = 7115 / 18.788 = n = 378.70$

Therefore, minimum 379 students' feedback forms were required. Since we have received 1133 students' feedback forms from different faculties, so it satisfies sample size adequacy test and it is a representative sample.



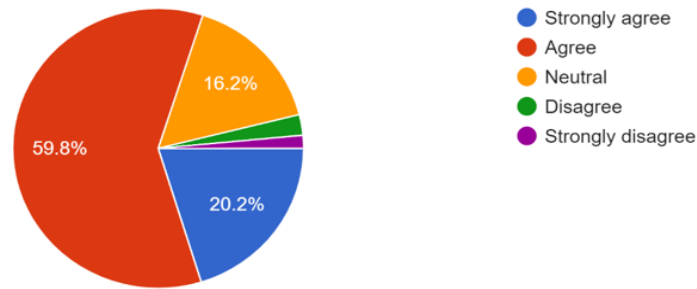
Data Analysis and Interpretation:

The response of each question is tabulated as number of students' responses on five-point Likert scale, percentage of students' responses, weighted score and weighted mean score.

Q. 1 Relevance of Curriculum: The content is adequate and career oriented/ employable.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	229	677	183	27	17	1133
Percentage	20.2	59.8	16.2	2.4	1.5	100
Weighted Score	1145	2708	549	54	17	4472.99
Weighted Mean Score						3.94

Relevance of Curriculum : The content is adequate and career oriented/ employable
1,133 responses



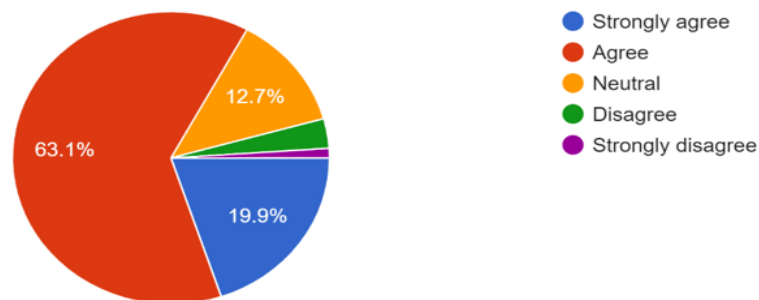
Out of 1133 students, 229 (20.2%) students strongly agree that the curriculum content is adequate and career oriented/ employable, 677 (59.8%) students agree for the same, 183 (16.2%) students' views are neutral, however, 27 (2.4%) and 17 (1.5%) are disagree and strongly disagree respectively about the adequacy and relevance of curriculum to career and employability.

Here, it is also observed that Weighted Mean Score of Question No.1 is 3.94 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that the content in curriculum is adequate and career oriented/ employable.

Q. 2 Coverage of Course: The course includes fundamental and applied aspect.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	225	715	144	37	12	1133
Percentage	19.9	63.1	12.7	3.3	1.1	100
Weighted Score	1125	2860	432	74	12	4498.01
Weighted Mean Score						3.97

Coverage of Course : The course includes fundamental and applied aspect
1,133 responses



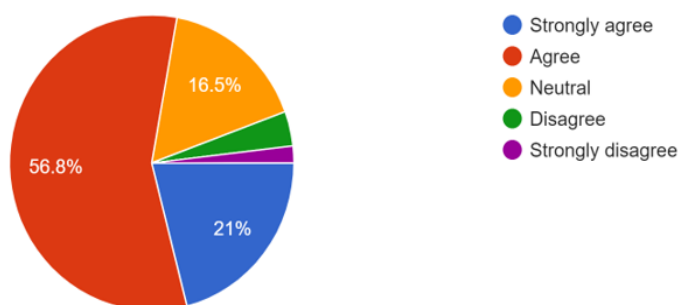
Out of 1133 students, 225 (19.9%) students strongly agree that the course includes fundamental and applied aspects, 715 (63.1%) students agree for the same, 144 (12.7%) students' views are neutral, however, 37 (3.3%) students disagree and 12 (1.1%) students strongly disagree about the inclusion of fundamental and applied aspect in courses.

Here, it is also observed that Weighted Mean Score of Question No.2 is 3.97 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that the course includes fundamental and applied aspects.

Q. 3 Value addition: The curriculum incorporates environmental, moral and social values.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	238	644	187	43	21	1133
Percentage	21.0	58.8	16.5	3.8	1.9	100
Weighted Score	1190	2576	561	86	21	4434
Weighted Mean Score						3.91

Value addition : The curriculum incorporates environmental, moral and social values
1,133 responses



Out of 1133 students, 238 (21.0%) students strongly agree that the curriculum incorporates environmental, moral and social values, 644 (58.8%) students agree for the same, 187 (16.5%) students' views are neutral, however, 43 (3.8%) students disagree and 21 (1.9%) students strongly disagree about the incorporation of environmental, moral and social values in the curriculum.

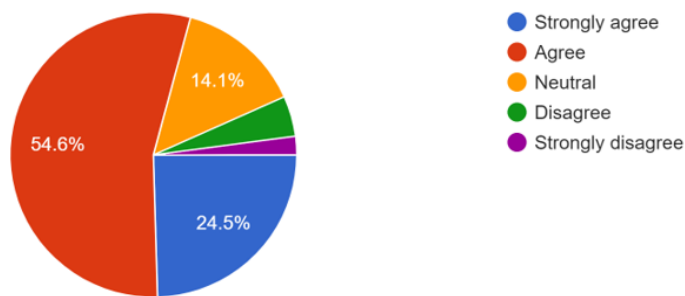
Here, it is also observed that Weighted Mean Score of Question No.3 is 3.91 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that the curriculum incorporates environmental, moral and social values.

Q. 4 Skill development: The curriculum is supported with practical/Field work/Project work/other activities.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	278	619	160	52	24	1133
Percentage	24.5	54.6	14.1	4.6	2.1	100
Weighted Score	1390	2476	480	104	24	4474
Weighted Mean Score						3.94

Skill development : The curriculum is supported with practical/Field work/Project work/other activities

1,133 responses



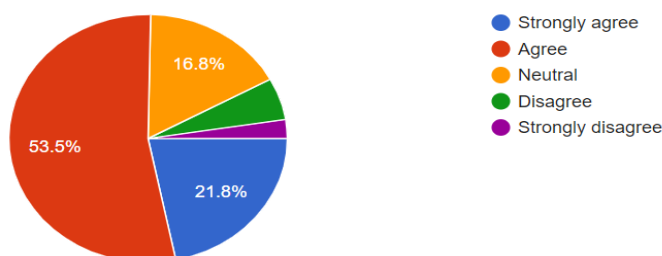
Out of 1133 students, 278 (24.5%) students strongly agree that the curriculum is supported with practical/ field work/ Project work/ Other activities, 619 (54.6%) students agree for the same, 160 (14.1%) students' views are neutral, however, 52 (4.6%) students disagree and 24 (2.1%) students strongly disagree about the support of practical/Field work/ Project work/ Other activities in curriculum. Here, it is also observed that Weighted Mean Score of Question No.4 is 3.94 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that the curriculum is supported with practical/ field work/ Project work/ Other activities.

Q. 5 Delivery of content: The course is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	247	606	190	62	28	1133
Percentage	21.8	53.5	16.8	5.5	2.5	100
Weighted Score	1235	2424	570	124	28	4381
Weighted Mean Score						3.86

Delivery of content : The course content is covered effectively and efficiently through live lectures/notes/video lectures etc.

1,133 responses



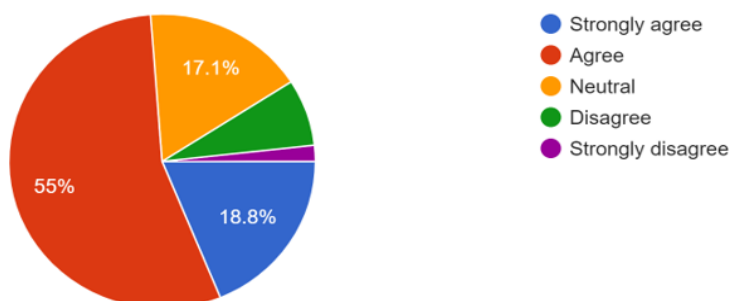
Out of 1133 students, 247 (21.8%) students strongly agree that the course content is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc., 606 (53.5%) students agree for the same, 190 (16.8%) students' views are neutral, however, 62 (5.5%) students disagree and 28 (2.5%) students strongly disagree about the inclusion of live lectures/ Notes and Video lectures for course delivery. Here, it is also observed that Weighted Mean Score of Question No.5 is 3.86 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among

students that the course content is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc.

Q. 6 Availability of resources: The resources for learning are adequate and easily available.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	213	623	194	83	20	1133
Percentage	18.8	55.0	17.1	7.3	1.8	100
Weighted Score	1065	2492	582	166	20	4325
Weighted Mean Score						3.81

Availability of resources : The resources for learning are adequate and easily available
1,133 responses



Out of 1133 students, 213(18.8%) students strongly agree that the learning resources are adequate and easily available, 623 (55.0%) students agree for the same, 194 (17.1%) students' views are neutral, however, 83 (7.3%) students disagree and 20 (1.8%) students strongly disagree about the easy availability and adequacy of learning resources in the institution.

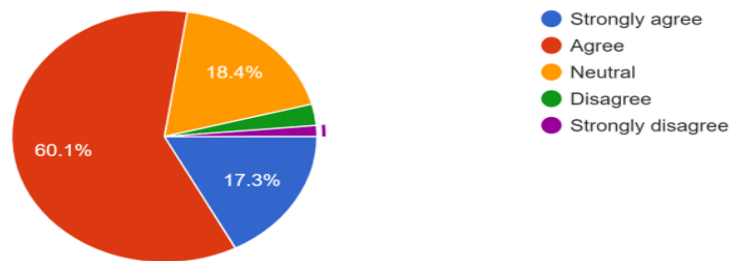
Here, it is also observed that Weighted Mean Score of Question No.6 is 3.81 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that the learning resources are adequate and easily available.

Q. 7 Availability of programme: There is ample choice of subject combination or availability of electives.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	196	681	209	31	16	1133
Percentage	17.3	60.1	18.4	2.7	1.4	100
Weighted Score	980	2724	627	62	16	4331
Weighted Mean Score						3.82

Availability of programme : There is ample choice of subject combination or availability of electives.

1,133 responses

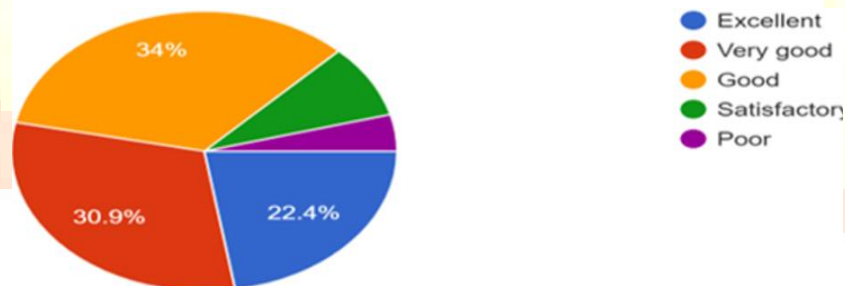


Out of 1133 students, 196(17.3%) students strongly agree that there is ample choice of subject combination or availability of electives in the program, 681 (60.1%) students agree for the same, 209 (18.4%) students' views are neutral, however, 31 (2.7%) students disagree and 16 (1.4%) students strongly disagree about the availability of subject combination and choice of electives in the institution. Here, it is also observed that Weighted Mean Score of Question No.7 is 3.82 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students that there is ample choice of subject combination or availability of electives in the program.

Q. 8 Overall academic atmosphere: The overall academic atmosphere is....

Responses	Excellent 5	Very Good 4	Good 3	Satisfactory 2	Poor 1	Total
Number	255	340	386	110	42	1133
Percentage	22.4	30.9	34.0	8.9	3.8	100
Weighted Score	1275	1360	1158	220	42	4055
Weighted Mean Score						3.57

Overall academic atmosphere: The overall academic atmosphere is
1,133 responses



Out of 1133 students, 255(22.4%) students answered for excellent overall academic atmosphere in the institution, 340 (30.9%) responded very good, 386 (34.0%) students answered for good atmosphere, however, 110 (8.9%) students feel satisfactory and 42 (3.8%) students feels poor academic atmosphere in the institution.

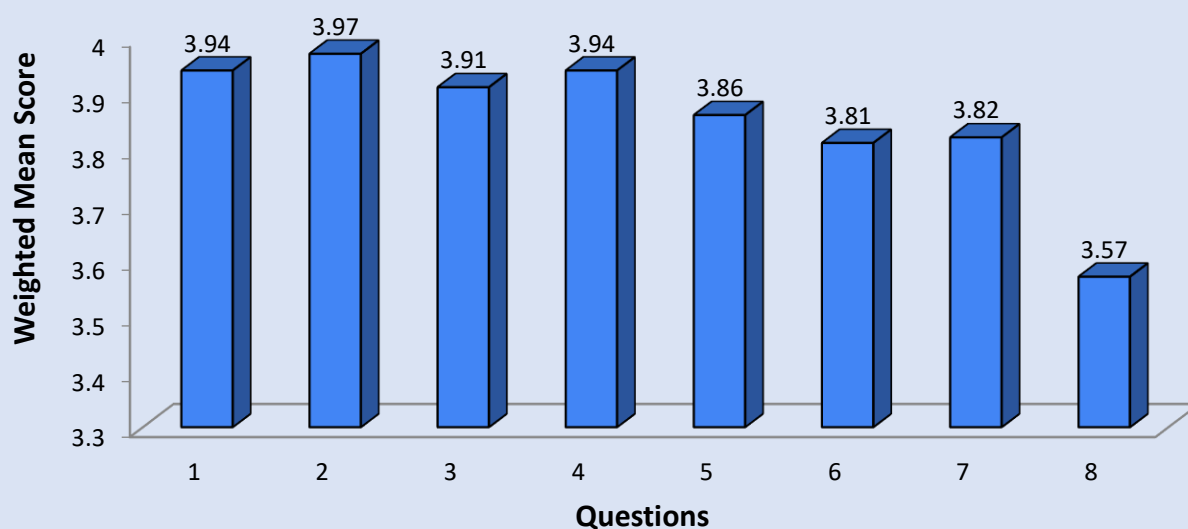
Here, it is also observed that Weighted Mean Score of Question No.8 is 3.57 which lies between the Likert range of 3.4 to 4.2 i.e., range for 'Agree'. So, it can be concluded that there is agreement among students for very good academic atmosphere in the institution.

Conclusion:

Weighted Mean Score of Questions

S. No.	Particulars	Weighted Mean Score
1	Relevance of Curriculum: The content is adequate and career oriented/ employable	3.94
2	Coverage of Course: The course includes fundamental and applied aspect	3.97
3	Value addition: The curriculum incorporates environmental, moral and social values	3.91
4	Skill development: The curriculum is supported with practical/Field work/Project work/other activities	3.94
5	Delivery of content: The course is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc.	3.86
6	Availability of resources: The resources for learning are adequate and easily available	3.81
7	Availability of programme: There is ample choice of subject combination or availability of electives	3.82
8	Overall academic atmosphere: The overall academic atmosphere is...	3.57
Average of Weighted Mean Score		3.85

Student's Feedback Analysis (2020-21) On the Basis of Likert Scale



The feedback on curricular aspects reveals that the average Weighted Mean Score all questions is which lies between Likert range of 3.4 to 4.2 (the range for agree) and concluded that, on an average, students agree that the curricular contents and available courses are included with value addition, practical, Project work and field work. The course contents are effectively delivered through live lectures/ Notes/ Video lectures and learning are adequate and easily available in the departments. There is ample choice of subject combination or availability of electives ensuing very good academic atmosphere in the institution.

Suggestion:

- Skill-oriented courses and advance learning modules
- Job-oriented courses, training for facing interviews and career guidance by experts
- Knowledge of Open Educational Resources for advance learning
- Information on article publishing and checking manuscript quality
- Smart class rooms for ICT based education
- Demand of more well-equipped laboratory facilities and hands on practice
- Appeal for Regular industrial visits, study tours and extension activities suiting the current trends



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