

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



**Report on Analysis of Students' Feedback
On
Curricular Aspects
(2019-20)**



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:

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

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

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 good.
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:

$n = \frac{N}{1 + Ne^2}$ Where n = Minimum Sample Size; N = Total Population; e = Error Tolerance Level

In session 2019-20, total number of students were = 5746. Taking the confidence level as 95 % & Error Tolerance = 5%; so, $n = \frac{5746}{1 + 5746(0.05)^2}$; $n = \frac{5746}{15.365} \Rightarrow n = 373.966$

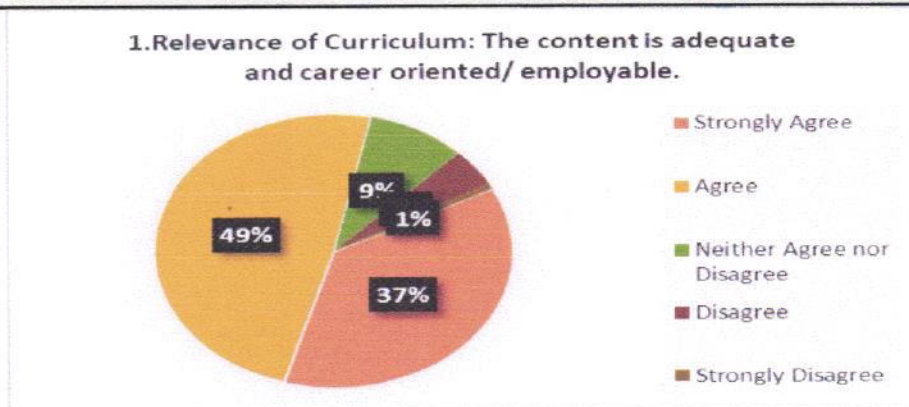
Therefore, minimum 374 students' feedback forms were required. Since we have received 917 students' feedback forms from different faculties of students, so it satisfies sample size adequacy test and it is a representative sample.

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	340	448	82	41	6	917
Percentage	37.08	48.85	8.94	4.47	0.65	100
Weighted Score	1700	1792	246	82	6	3826
Weighted Mean Score						4.1723

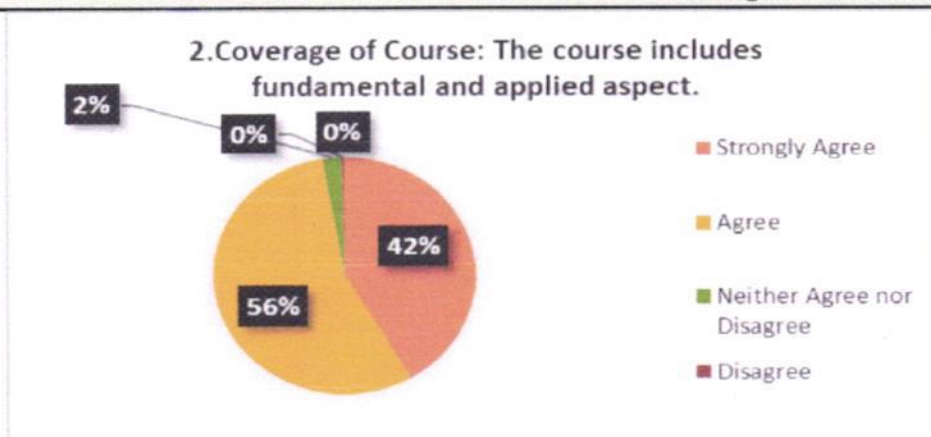


Out of 917 students, 340 (37.08%) students strongly agree that the curriculum content is adequate and career oriented/ employable, 488 (48.85%) students agree for the same, 82 (8.90%) students' views are neutral, however, 41 (4.47%) and 6 (0.65%) are disagree and strongly disagree respectively about the adequacy and relevance of curriculum to career and employability.

Here, it is also observed that Weighted Mean Score of Question No.1 is 4.17 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	382	511	21	3	0	917
Percentage	41.66	55.73	2.29	0.33	0.00	100
Weighted Score	1910	2044	63	6	0	4023
Weighted Mean Score						4.3871

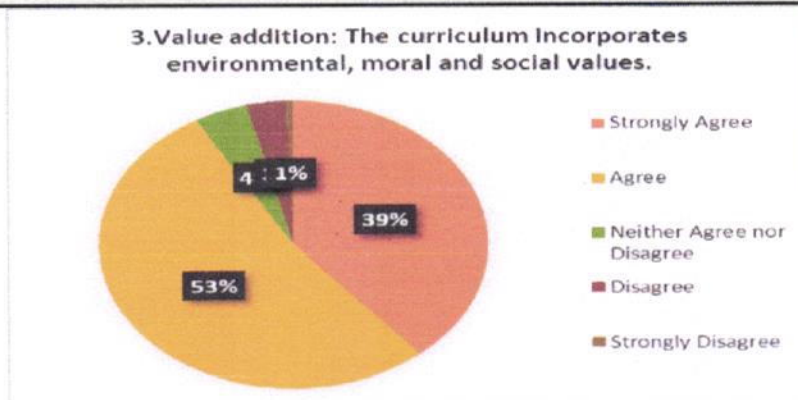


Out of 917 students, 382 (41.66%) students strongly agree that the course includes fundamental and applied aspects, 511 (55.73%) students agree for the same, 21 (2.29%) students' views are neutral, however, 3 (0.33%) students disagree about the inclusion of fundamental and applied aspect in courses.

Here, it is also observed that Weighted Mean Score of Question No.2 is 4.38 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong 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	356	485	41	30	5	917
Percentage	38.82	52.89	4.47	3.27	0.55	100
Weighted Score	1780	1940	123	70	5	3918
Weighted Mean Score						4.2726

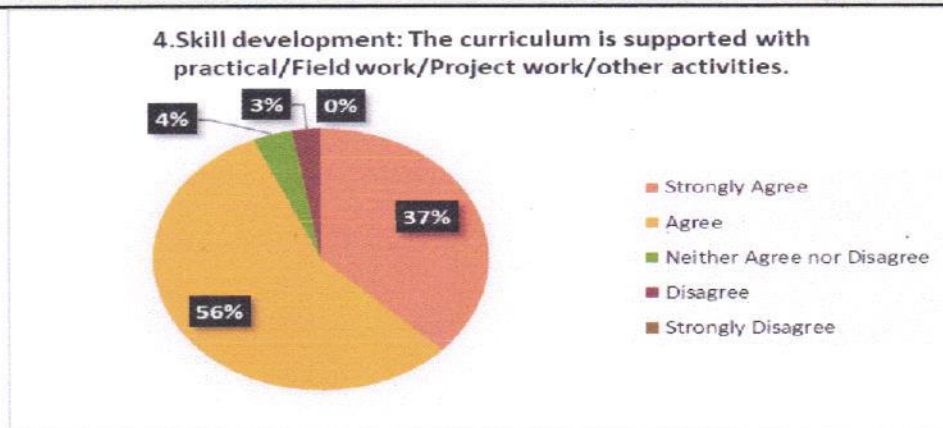


Out of 917 students, 356 (38.82%) students strongly agree that the curriculum incorporates environmental, moral and social values, 485 (52.89%) students agree for the same, 41 (4.47%) students' views are neutral, however, 30 (3.27%) students disagree and 5 (0.55%) students strongly disagree about the incorporation of environmental, moral and social values in the curriculum.

Here, it is also observed that Weighted Mean Score of Question No.3 is 4.27 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong 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	342	515	35	25	0	917
Percentage	37.30	56.16	3.82	2.73	0.00	100
Weighted Score	1710	2060	105	50	0	3925
Weighted Mean Score						4.2802

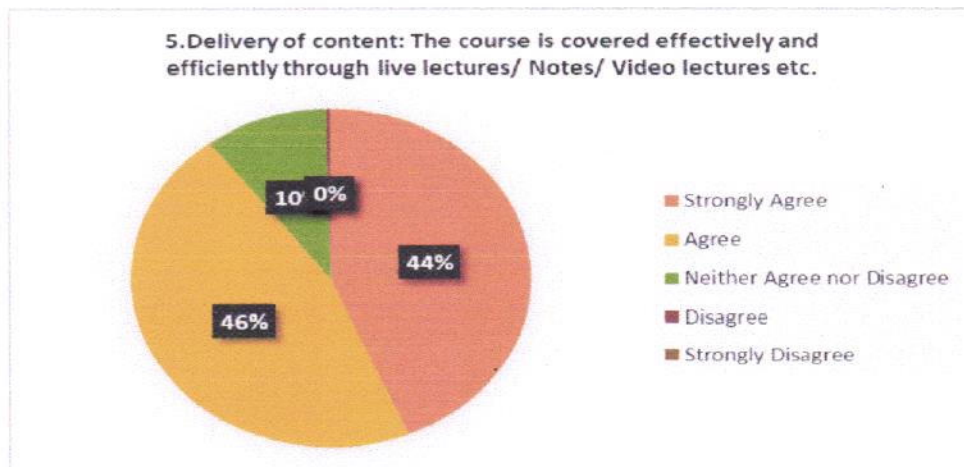


Out of 917 students, 342 (37.30%) students strongly agree that the curriculum is supported with practical/ field work/ Project work/ Other activities, 515 (56.16%) students agree for the same, 35 (3.82%) students' views are neutral, however, 25 (2.73%) students disagree about the support of practical/Field work/ Project work/ Other activities in curriculum.

Here, it is also observed that Weighted Mean Score of Question No.4 is 4.28 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong 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	401	422	91	3	0	917
Percentage	43.73	46.02	9.92	0.33	0.00	100
Weighted Score	2005	1688	273	6	0	3972
Weighted Mean Score						4.3315

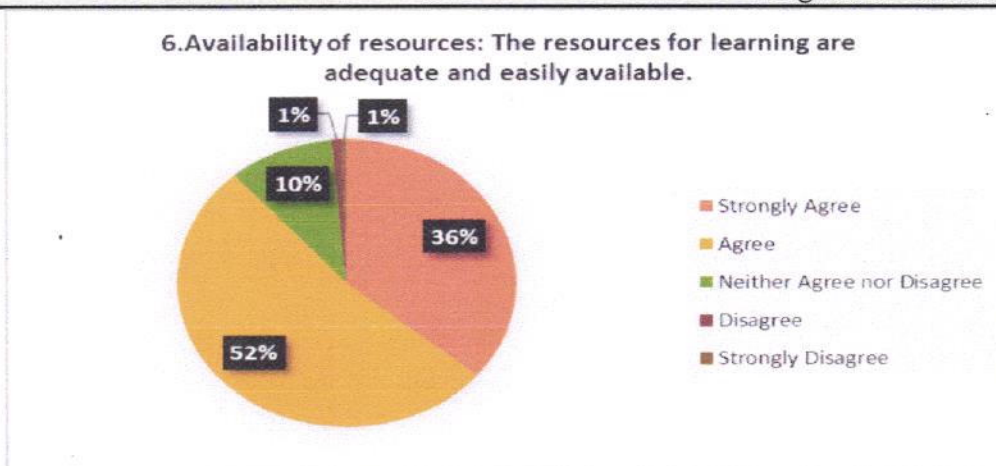


Out of 917 students, 401 (43.73%) students strongly agree that the course content is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc., 422 (46.02%) students agree for the same, 91 (9.92%) students' views are neutral, however, 3 (0.33 %) students disagree about the 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 4.33 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong 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	332	480	92	9	4	917
Percentage	36.21	52.34	10.03	0.98	0.44	100
Weighted Score	1660	1920	276	18	4	3878
Weighted Mean Score						4.2290

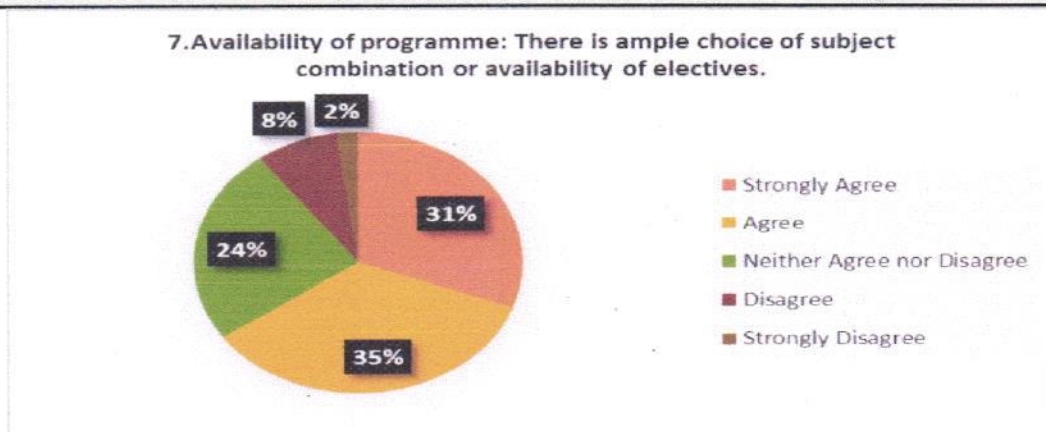


Out of 917 students, 332(36.21%) students strongly agree that the learning resources are adequate and easily available, 480 (52.34%) students agree for the same, 92 (10.03%) students' views are neutral, however, 9(0.98%) students disagree and 4(0.44%) students strongly disagree about the easy availability and adequacy of learning resources in the institution.

Here, it is also observed that Weighted Mean Score of Question No.6 is 4.22 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong agreement among students that the learning resources are adequate and easily available in the institution for students.

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

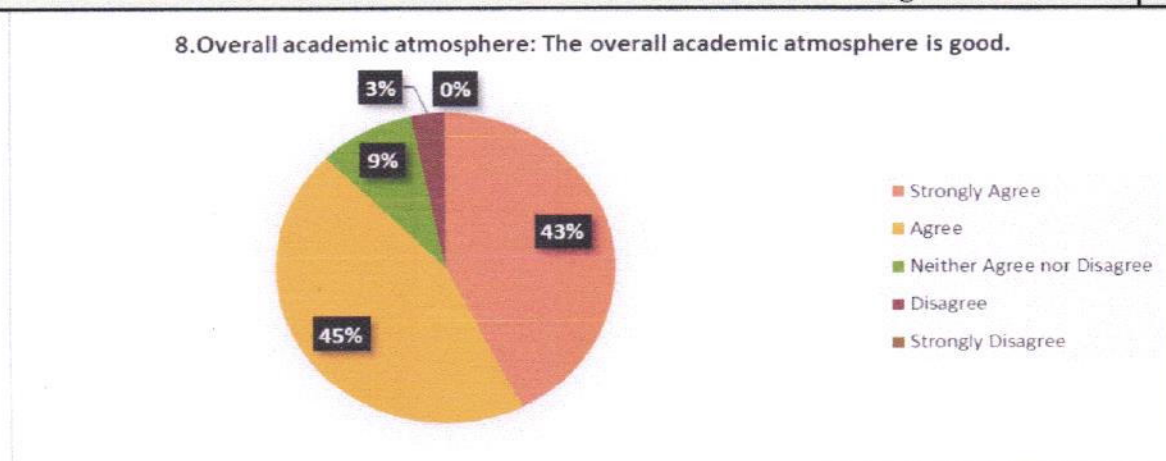
Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	282	317	225	74	19	917
Percentage	30.75	34.57	24.54	8.07	2.07	100
Weighted Score	1410	1268	675	148	19	3520
Weighted Mean Score						3.8386



Out of 917 students, 282(30.75%) students strongly agree that there is ample choice of subject combination or availability of electives in the program, 317 (34.57%) students agree for the same, 225 (24.54%) students' views are neutral, however, 74 (8.07%) students disagree and 19 (2.07%) 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 3.83 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 good.

Responses	Strongly Agree 5	Agree 4	Neither Agree nor Disagree 3	Disagree 2	Strongly Disagree 1	Total
Number	391	412	84	30	0	917
Percentage	42.64	44.93	9.16	3.27	0.00	100
Weighted Score	1955	1648	252	60	0	3915
Weighted Mean Score						4.2693



Out of 917 students, 391 (42.64%) students answered for excellent overall academic atmosphere in the institution, 412 (44.93%) responded very good, 84 (9.16%) students answered for good atmosphere, however, 30 (3.27%) students disagree with the statement and feels poor academic atmosphere in the institution.

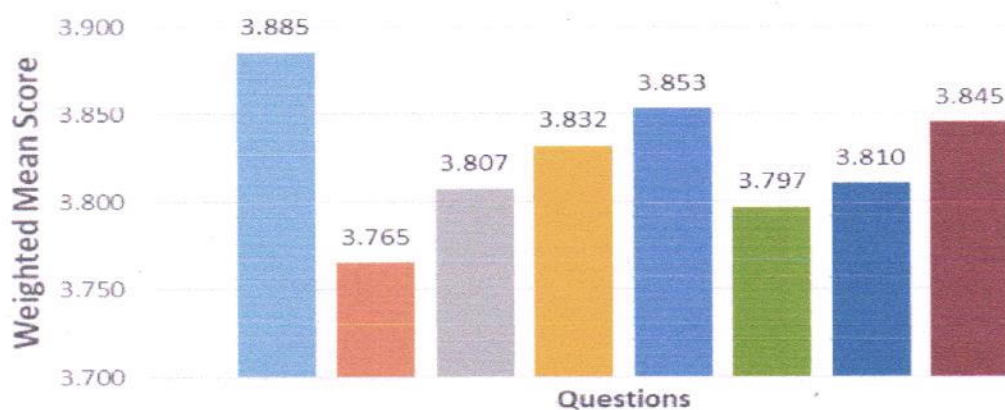
Here, it is also observed that Weighted Mean Score of Question No.8 is 4.26 which lies between the Likert range of 4.2 to 5.0 i.e., range for 'Strongly Agree'. So, it can be concluded that there is strong agreement among students for very good academic atmosphere in the institution.

Conclusion:

Weighted Mean Score of Questions

S. No.	Particulars	Weighted Mean Score
1	Relevance of Curriculum: The content is adequate and career oriented/ employable	4.17
2	Coverage of Course: The course includes fundamental and applied aspect	4.38
3	Value addition: The curriculum incorporates environmental, moral and social values	4.27
4	Skill development: The curriculum is supported with practical/Field work/Project work/other activities	4.28
5	Delivery of content: The course is covered effectively and efficiently through live lectures/ Notes/ Video lectures etc.	4.33
6	Availability of resources: The resources for learning are adequate and easily available	4.22
7	Availability of programme: There is ample choice of subject combination or availability of electives	3.83
8	Overall academic atmosphere: The overall academic atmosphere of Institution	4.26
Average of Weighted Mean Score		4.22

Student's Feedback Analysis (2019-20) On the Basis of Likert Scale



The feedback on curricular aspects reveals that the average Weighted Mean Score of all questions is 4.22 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 for further improvement:

- More Practical exercises and multiple instruments of hands-on practice
- Interdepartmental activities
- Beyond syllabus activities
- Short-term value-added courses for skill development
- Job oriented courses
- Training for competitive examinations
- Inclusion of Moral and ethical based courses
- Career guidance
- Extension in Library time


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