A Report on

Students' Feedback (Online)

Session 2018-19 (Even)

IQAC, Bahona College
11-Sep-19

Students' Feedback
Even Semester, 2018-19

Foreword

Students' Feedback Analysis on faculty's performance, by nature, is a self assessing mechanism and helps to go for adequate steps for quality improvement so far as course and class room transactions are concerned. Students' feedback whatever done in classroom is unobservable and unquantifiable. Academic excellence of an educational institution is the ultimate goal which is to feed by a number of quality inputs; the important ones are teaching and teacher's quality. A teacher with best academic performance may not be teaching friendly whether it is inside or outside the class room. Without making fruitful classroom transactions, just compulsory completion of workload as per course allocation and attendance in classes as per routine allotment are not but futile exercises. It requires measuring the lacks in one's achievements from student's point of view. With this understanding the IQAC of Bahona College develops a mechanism of students' feedback analysis as a measure of self-evaluation so as to find the policy path for quality development. A ten-point quality index mechanism was formulated along with 21 sub-categorized quality indicators.

Objectives

1. To make faculty and departmental level assessment of teaching and teachers' quality in the perception of students.
2. To develop a competitive zeal in teaching environment.
3. To trace policy path for quality development and to undertake necessary action there on.

Methods

1. There are some modifications in the teaching quality indicators and formulation. Formerly, 21 indicators were clubbed into ten as follows. At present for simplification these 21 indicators have been considered separately.

Sl. No	Quality Categories	Quality Indicators	New categories	Related questions
1	Clarity in explanation	1.a: Audibility 1.b: Intelligibility 1.c:Note down opportunity 1.d: Remembrance impact	1.Audibility 2.Intelligibility 3.Note down opportunity 4.Remembrance impact	1. Is the lecture audible? 2. Is the explanation intelligible? 3. Is the explanation facilitated to note down? 4.Is the presentation memorable even after the classes over ?
2	Knowledgeable	2.a : Subject knowledge 2.b : Specificity 2.c : Course consistency	5. Subject knowledge 6. Specificity 7. Course consistency	5. Is the teacher comprehensive in explaining the topic allotted to him? 6. Is the teaching course specific? 7. Is the allotted portion of the syllabus completed in a session ?
3	Responsibility	3.a : Completion of syllabus 3.b : Remedial measure 3.c : Opportunity	8. Completion of syllabus 9. Remedial measure 10. Opportunity to	8. Is the allotted portion of the syllabus completed in a session? 9. Does the teacher go for remedial measures? 10. Is feedback taken from

		to inter-action	inter-action	students in classroom?
4	Cooperation	4.a : Off class room guidance 4.b : Material support	11. Off class room guidance 12. Material support	11. Does the teacher guide in off classroom activities such as seminar, GD, field study etc? 12. Does the teacher go for material(books,notes etc) support ?
5	Punctuality	5.a : Class regularity 5.b : Timely result	13. Class regularity 14. Timely result	13. Is the teacher routinely regular in the class ? 14. Does the teacher perform evaluation jobs in time (such as notes checking, examining script of class test etc.)?
6	Motivation	6.1 : Inspiration 6.2 : Higher education counseling	15. Inspiration 16. Higher education counseling	15. Do you think the teacher is ideal ? 16. Does the teacher motivate or offer counselling for job placement, higher education ,higher ideal life?
7	Friendliness	7.1 : Approachability 7.2 : Response students' query	17. Approachability 18 Response students' query	17. Is the teacher approachable academic need? 18. Does the teacher make you understand on the things better as you ask for?
8	Stability	8.1 : Stability	19. Stability	19. Is the teacher stable in his work and words ?
9	Mentorability	9.1 : Mentorability	20. Mentorability	20. As a mentor is the teacher beneficent for you ?
10	Sense of humour	10.1: Sense of humour	21. Sense of humour	21. Does the teacher take any measure to break class room monotony?

To make the quality differentials observable, they were converted to five grades – (a) A = Very good, (b) B = Good, (c) C = Average, (d) D = Less than average and (e) E = Poor. A questionnaire was so prepared to have in-built descending order of quality parameters. That is, more important quality indicators are placed before the less important ones. To make the grades measurable, they are converted to numbers such as – A = 5, B = 4, C= 3, D= 2 and E = 1. They are termed as Grade Value (GV). Again, to have consistency among the quality parameters, they are weighted down from 21 to 1, total weightage (W) being 231. Thus Faculty Performance Index (FPI) is estimated for each faculty of the college by using the following formula.

$$PI = \frac{(AGV \times PW \times Sa)+(AGV \times PW \times Sb)+(AGV \times PW \times Sc)+(AGV \times PW \times Sd)+(AGV \times PW \times Se)}{Maximum\ GV \times PW \times St}$$

Here,

AGV => Actual grade value
W => Parametric weight
Sa => Total students no responding grade A
Sb => Total students no responding grade B
Sc => Total students no responding grade C
Sd => Total students no responding grade D

Se => Total students no responding grade E
St => Total responding students

Maximum PI is 1 indicating the highest quality performance. The lower is PI value than 1, the lower is quality performance it implies.

FAPI for each faculty can be estimated as follows –

$$FAPI= = \frac{\sum_{i=1}^{21} PIi}{21}$$

Here, FAPI => Faculty average performance index

Thus Departmental average performance index (DAPI) can be estimated as follows :

$$DAPI= = \frac{\sum_{i=1}^{n} FAPIi}{n}$$

Here n is number of faculty in the department.
Again indicator wise performance index can be formed as

$$IAPI= = \frac{\sum_{i=1}^{12} DAPIi}{12}$$

Here, IAPI => Indicator wise average performance index

Grading Scale

FAPI/DAPI has been graded as per following scale

A= 0.9073 - 0.9620
B= 0.8525 - 0.9072
C= 0.7978 - 0.8524
D = Less than 0.7978

Balance in Quality

Balance in quality has been measured by finding rate of change (slope) across quality indicators from 1 to 21. The less is slope, the more is balanced in quality. The direction of the slope also matters. Negative slope implies giving more emphasis on more important indicators and less emphasis on less important indicators. Here lower slope is better than higher slope. But positive slope is unexpected. Positive slope reflects giving much emphasis on less important quality indicators and less emphasis on more important of the same. In both cases, whether positive or negative, lower slope is better.

Department wise Faculty Average Performance Index (FAPI)

Department	Faculty	FAPI
Political Science	Dr. Pankaj Bora	0.8864
	Sanjay Mili	0.8714
	Ranjit Pegu	0.8621
	Dr. Mridul Dutta	0.8605
	Total Faculty SFI	3.4804

	Departmental SFI	0.8701
English	Dr. Shantana Saikia	0.8783
	Samir Ranjan Barua	0.8971
	Ajit Kr. Borah	0.9077
	Amar Jyoti Devnath	0.8964
	Total Faculty SFI	3.5795
	Departmental SFI	0.8949
Economics	Dr. Rafique Ahmed	0.9001
	Mrs. Mainu Moni Saikia	0.9165
	Mrs. Binoda Borah (HOD)	0.8835
	Dr. Reema Rabha	0.8990
	Total Faculty SFI	3.5991
	Departmental SFI	0.8998
Assamese	Dr. SANTOSH BARTHAKUR	0.8965
	Mrs. Namita Chutia Saikia	0.9009
	Dr. Madhusmita Baruah Changkakoty	0.8883
	Mrs. Bibha Rani Das	0.8876
	Dr. Sarala Das	0.9041
	Total Faculty SFI	4.4775
	Departmental SFI	0.8955
Education	Dr. Indrani Borthakur	0.8927
	Mr. Amarjyoti Bharali	0.8879
	Mr. Bubul Deka	0.8669
	Mrs. Ilaxy Bora	0.8844
	Total Faculty SFI	3.5319
	Departmental SFI	0.8830
Statistics	Dr. Aditi Baruah	0.8815
	Mrs. Shyamali Dutta	0.9065
	Mr. Lalit Kakoty	0.9170
	Total Faculty SFI	2.7050
	Departmental SFI	0.9017
Physics	Mr. Jiten Kumar Nath	0.7758
	Mr. Gopal Hazarika	0.8371
	Dr. Sumbit Chaliha	0.7763
	Mr. Diganta Pd. Gogoi	0.8270
	Total Faculty SFI	3.2162
	Departmental SFI	0.8041
Mathematics	Mr. Prasanta Bordoloi	0.9001
	Mrs. Papori Neog Bora	0.8933
	Mr. Alock Kr. Dutta	0.8886
	Dr. Manash Jyoti Bora	0.8673
	Total Faculty SFI	3.5493

	Departmental SFI	0.8873
Zoology	Dr. Gayatri Agni Bora	0.9106
	Dr. Bikramaditya Bakalial	0.9384
	Total Faculty SFI	1.8490
	Departmental SFI	0.9245
Botany	Mrs. Protiva Bora	0.8631
	Dr. Sangeeta Das	0.8397
	Total Faculty SFI	1.7027
	Departmental SFI	0.8514
Chemistry	Dr. Parinita Borah	0.7905
	Total Faculty SFI	0.7905
	Departmental SFI	0.7905
History	Mr. Keshab Ch. Nath	0.9236
	Total Faculty SFI	0.9236
	Departmental SFI	0.9236

Grading the Departments as per DAPI

Department	DAPI	Grade
Zoology	0.9245	A
History	0.9236	A
Statistics	0.9017	B
Economics	0.8998	B
Assamese	0.8955	B
English	0.8949	B
Mathematics	0.8873	B
Education	0.8830	B
Pol Sc.	0.8701	B
Botany	0.8514	C
Physics	0.8041	C
Chemistry	0.7905	D

Grading the Faculties

Sl No.	Faculty Name	Total API	FAPI	Grade
1	Dr. Bikramaditya Bakalial	19.7057	0.9384	A
2	Mr. Keshab Ch. Nath	19.3956	0.9236	A
3	Mr. Lalit Kakoty	19.2579	0.9170	A
4	Mrs. Mainu Moni Saikia	19.2465	0.9165	A
5	Dr. Gayatri Agni Bora	19.1229	0.9106	A
6	Mr. Ajit Kr. Borah	19.0607	0.9077	A
7	Mrs. Shyamali Dutta	19.0368	0.9065	B

8	Dr. Sarala Das	18.9865	0.9041	B
9	Mrs. Namita Chutia Saikia	18.9189	0.9009	B
10	Dr. Rofique Ahmed	18.9023	0.9001	B
11	Mr. Prasanta Bordoloi	18.9013	0.9001	B
12	Dr. Reema Rabha	18.8791	0.8990	B
13	Mr. Samir Ranjan Barua	18.8393	0.8971	B
14	Dr. Santosh Borthakur	18.8270	0.8965	B
15	Mr. Amar Jyoti Devnath	18.8250	0.8964	B
16	Mrs. Papori Neog Bora	18.7600	0.8933	B
17	Dr. Indrani Borthakur	18.7469	0.8927	B
18	Mr. Alock Kr. Dutta	18.6613	0.8886	B
19	Dr. Madhusmita Baruah Changkakoty	18.6541	0.8883	B
20	Mr. Amarjyoti Bharali	18.6468	0.8879	B
21	Mrs. Bibha Rani Das	18.6405	0.8876	B
22	Dr. Pankaj Bora	18.6137	0.8864	B
23	Mrs. Ilaxy Bora	18.5726	0.8844	B
24	Mrs. Binoda Borah	18.5526	0.8835	B
25	Dr. Aditi Baruah	18.5105	0.8815	B
26	Dr. Shantana Saikia	18.4452	0.8783	B
27	Mr. Sanjay Mili	18.2986	0.8714	B
28	Dr. Manash Jyoti Bora	18.2133	0.8673	B
29	Mr. Bubul Deka	18.2047	0.8669	B
30	Mrs. Protiva Bora	18.1242	0.8631	B
31	Ranjit Pegu	18.1041	0.8621	B
32	Dr. Mridul Dutta	18.0712	0.8605	B
33	Dr. Sangeeta Das	17.6333	0.8397	C
34	Mr. Gopal Hazarika	17.5784	0.8371	C
35	Mr. Diganta Pd. Gogoi	17.3676	0.8270	C
36	Dr. Parinita Borah	16.6000	0.7905	D
37	Dr. Sumbit Chaliha	16.3027	0.7763	D
38	Mr. Jiten Kumar Nath	16.2919	0.7758	D

Grading the Faculties of Science Stream as per DAPI

Sl No.	Faculty Name	Total API	FAPI	Grade
1	Dr. Bikramaditya Bakalial	19.7057	0.9384	A
2	Mr. Lalit Kakoty	19.2579	0.9170	A
3	Dr. Gayatri Agni Bora	19.1229	0.9106	A
4	Mrs. Shyamali Dutta	19.0368	0.9065	B
5	Mr. Prasanta Bordoloi	18.9013	0.9001	B
6	Mrs. Papori Neog Bora	18.7600	0.8933	B

8	Dr. Sarala Das	18.9865	0.9041	B
9	Mrs. Namita Chutia Saikia	18.9189	0.9009	B
10	Dr. Rofique Ahmed	18.9023	0.9001	B
11	Mr. Prasanta Bordoloi	18.9013	0.9001	B
12	Dr. Reema Rabha	18.8791	0.8990	B
13	Mr. Samir Ranjan Barua	18.8393	0.8971	B
14	Dr. Santosh Borthakur	18.8270	0.8965	B
15	Mr. Amar Jyoti Devnath	18.8250	0.8964	B
16	Mrs. Papori Neog Bora	18.7600	0.8933	B
17	Dr. Indrani Borthakur	18.7469	0.8927	B
18	Mr. Alock Kr. Dutta	18.6613	0.8886	B
19	Dr. Madhusmita Baruah Changkakoty	18.6541	0.8883	B
20	Mr. Amarjyoti Bharali	18.6468	0.8879	B
21	Mrs. Bibha Rani Das	18.6405	0.8876	B
22	Dr. Pankaj Bora	18.6137	0.8864	B
23	Mrs. Ilaxy Bora	18.5726	0.8844	B
24	Mrs. Binoda Borah	18.5526	0.8835	B
25	Dr. Aditi Baruah	18.5105	0.8815	B
26	Dr. Shantana Saikia	18.4452	0.8783	B
27	Mr. Sanjay Mili	18.2986	0.8714	B
28	Dr. Manash Jyoti Bora	18.2133	0.8673	B
29	Mr. Bubul Deka	18.2047	0.8669	B
30	Mrs. Protiva Bora	18.1242	0.8631	B
31	Ranjit Pegu	18.1041	0.8621	B
32	Dr. Mridul Dutta	18.0712	0.8605	B
33	Dr. Sangeeta Das	17.6333	0.8397	C
34	Mr. Gopal Hazarika	17.5784	0.8371	C
35	Mr. Diganta Pd. Gogoi	17.3676	0.8270	C
36	Dr. Parinita Borah	16.6000	0.7905	D
37	Dr. Sumbit Chaliha	16.3027	0.7763	D
38	Mr. Jiten Kumar Nath	16.2919	0.7758	D

Grading the Faculties of Science Stream as per DAPI

Sl No.	Faculty Name	Total API	FAPI	Grade
1	Dr. Bikramaditya Bakalial	19.7057	0.9384	A
2	Mr. Lalit Kakoty	19.2579	0.9170	A
3	Dr. Gayatri Agni Bora	19.1229	0.9106	A
4	Mrs. Shyamali Dutta	19.0368	0.9065	B
5	Mr. Prasanta Bordoloi	18.9013	0.9001	B
6	Mrs. Papori Neog Bora	18.7600	0.8933	B

7	Mr. Alock Kr. Dutta	18.6613	0.8886	B
8	Dr. Aditi Baruah	18.5105	0.8815	B
9	Dr. Manash Jyoti Bora	18.2133	0.8673	B
10	Mrs. Protiva Bora	18.1242	0.8631	B
11	Dr. Sangeeta Das	17.6333	0.8397	C
12	Mr. Gopal Hazarika	17.5784	0.8371	C
13	Mr. Diganta Pd. Gogoi	17.3676	0.8270	C
14	Dr. Parinita Borah	16.6000	0.7905	D
15	Dr. Sumbit Chaliha	16.3027	0.7763	D
16	Mr. Jiten Kumar Nath	16.2919	0.7758	D

Grading the Faculties of Arts Stream as per DAPI

Sl No.	Faculty Name	Total API	FAPI	Grade
1	Mr. Keshab Ch. Nath	19.3956	0.9236	A
2	Mrs. Mainu Moni Saikia	19.2465	0.9165	A
3	Mr. Ajit Kr. Borah	19.0607	0.9077	A
4	Dr. Sarala Das	18.9865	0.9041	B
5	Mrs. Namita Chutia Saikia	18.9189	0.9009	B
6	Dr. Rafique Ahmed	18.9023	0.9001	B
7	Dr. Reema Rabha	18.8791	0.8990	B
8	Mr. Samir Ranjan Barua	18.8393	0.8971	B
9	Dr. Santosh Borthakur	18.8270	0.8965	B
10	Mr. Amar Jyoti Devnath	18.8250	0.8964	B
11	Dr. Indrani Borthakur	18.7469	0.8927	B
12	Dr. Madhusmita Baruah Changkakoty	18.6541	0.8883	B
13	Mr. Amarjyoti Bharali	18.6468	0.8879	B
14	Mrs. Bibha Rani Das	18.6405	0.8876	B
15	Dr. Pankaj Bora	18.6137	0.8864	B
16	Mrs. Ilaxy Bora	18.5726	0.8844	B
17	Mrs. Binoda Borah	18.5526	0.8835	B
18	Dr. Shantana Saikia	18.4452	0.8783	B
19	Mr. Sanjay Mili	18.2986	0.8714	B
20	Mr. Bubul Deka	18.2047	0.8669	B
21	Mr. Ranjit Pegu	18.1041	0.8621	B
22	Dr. Mridul Dutta	18.0712	0.8605	B

Quality indicator-wise API of the Departments

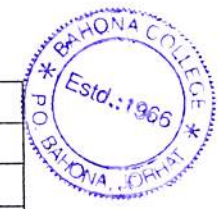
Political Science

Quality indicators	S. Mili	R. Pegu	M. Dutta	IAPI*
1	0.893	0.855	0.830	0.873
2	0.858	0.868	0.888	0.882
3	0.868	0.847	0.841	0.862
4	0.863	0.838	0.868	0.860
5	0.874	0.849	0.868	0.873
6	0.866	0.852	0.855	0.864
7	0.885	0.890	0.890	0.889
8	0.885	0.871	0.871	0.877
9	0.874	0.874	0.879	0.878
10	0.877	0.855	0.863	0.868
11	0.868	0.852	0.863	0.869
12	0.855	0.852	0.866	0.860
13	0.860	0.858	0.877	0.868
14	0.860	0.860	0.858	0.864
15	0.879	0.874	0.844	0.870
16	0.890	0.871	0.879	0.883
17	0.874	0.852	0.860	0.867
18	0.882	0.879	0.841	0.871
19	0.838	0.860	0.836	0.854
20	0.885	0.899	0.855	0.880
21	0.863	0.847	0.838	0.859
FAPI	**0.871**	**0.862**	**0.861**	**0.870**

* IAPI => Indicator wise average performance index

English

Quality indicators	S. Saikia	S. R. Baruah	A. K. Borah	A. Debnath	IAPI
1	0.871	0.925	0.925	0.900	0.905
2	0.894	0.882	0.925	0.911	0.903
3	0.903	0.911	0.900	0.904	0.904
4	0.887	0.921	0.900	0.875	0.896
5	0.900	0.896	0.904	0.900	0.900
6	0.890	0.907	0.921	0.911	0.907
7	0.884	0.900	0.932	0.907	0.906
8	0.871	0.907	0.911	0.896	0.896
9	0.826	0.875	0.896	0.875	0.868
10	0.855	0.889	0.882	0.882	0.877
11	0.887	0.900	0.886	0.879	0.888
12	0.861	0.879	0.907	0.864	0.878



13	0.874	0.911	0.914	0.914	0.903
14	0.855	0.871	0.882	0.864	0.868
15	0.881	0.896	0.921	0.911	0.902
16	0.894	0.871	0.896	0.889	0.888
17	0.868	0.882	0.896	0.896	0.886
18	0.903	0.925	0.925	0.911	0.916
19	0.881	0.907	0.914	0.914	0.904
20	0.890	0.911	0.929	0.914	0.911
21	0.871	0.871	0.893	0.907	0.886
FAPI	**0.878**	**0.897**	**0.908**	**0.896**	**0.895**

Economics

Quality indicators	R. Ahmed	M. Saikia	B. Borah	R. Rabha	IAPI
1	0.921	0.940	0.916	0.916	0.923
2	0.907	0.898	0.863	0.907	0.894
3	0.879	0.907	0.884	0.893	0.891
4	0.893	0.930	0.900	0.930	0.913
5	0.879	0.921	0.853	0.916	0.892
6	0.874	0.926	0.879	0.902	0.895
7	0.921	0.921	0.853	0.930	0.906
8	0.902	0.912	0.858	0.921	0.898
9	0.907	0.926	0.874	0.902	0.902
10	0.874	0.902	0.879	0.879	0.884
11	0.926	0.935	0.905	0.907	0.918
12	0.898	0.916	0.921	0.874	0.902
13	0.884	0.912	0.911	0.888	0.899
14	0.916	0.926	0.884	0.888	0.904
15	0.884	0.912	0.874	0.907	0.894
16	0.912	0.912	0.900	0.898	0.905
17	0.902	0.930	0.905	0.874	0.903
18	0.916	0.916	0.911	0.912	0.914
19	0.902	0.912	0.889	0.893	0.899
20	0.898	0.921	0.868	0.893	0.895
21	0.907	0.874	0.826	0.847	0.864
FAPI	**0.900**	**0.917**	**0.883**	**0.899**	**0.900**

History

Quality indicators	**IAPI**
1	0.938
2	0.951
3	0.911
4	0.933

5	0.924
6	0.951
7	0.929
8	0.933
9	0.916
10	0.929
11	0.929
12	0.929
13	0.902
14	0.929
15	0.907
16	0.916
17	0.916
18	0.929
19	0.902
20	0.902
21	0.920
FAPI	**0.924**

Assamese

Quality indicators	N.C. Saikia	M.B. Changkakoty	B. Das	S. Das	S. Borthakur	IAPI
1	0.916	0.886	0.897	0.916	0.903	0.904
2	0.911	0.903	0.892	0.911	0.884	0.900
3	0.897	0.876	0.878	0.903	0.878	0.886
4	0.892	0.865	0.857	0.889	0.895	0.879
5	0.908	0.889	0.889	0.914	0.895	0.899
6	0.884	0.873	0.881	0.905	0.895	0.888
7	0.905	0.892	0.889	0.900	0.895	0.896
8	0.908	0.870	0.873	0.911	0.900	0.892
9	0.905	0.895	0.884	0.911	0.905	0.900
10	0.889	0.892	0.884	0.905	0.886	0.891
11	0.892	0.889	0.897	0.897	0.886	0.892
12	0.897	0.886	0.886	0.892	0.892	0.891
13	0.903	0.895	0.886	0.916	0.905	0.901
14	0.897	0.892	0.895	0.903	0.884	0.894
15	0.914	0.895	0.878	0.916	0.900	0.901
16	0.908	0.900	0.903	0.895	0.905	0.902
17	0.903	0.892	0.897	0.892	0.897	0.896
18	0.905	0.884	0.878	0.908	0.903	0.896
19	0.895	0.892	0.905	0.903	0.903	0.899
20	0.884	0.878	0.878	0.886	0.905	0.886
21	0.905	0.911	0.911	0.914	0.911	0.910
FAPI	**0.901**	**0.888**	**0.888**	**0.904**	**0.897**	**0.895**

Education

Quality indicators	I Borthakur	A. Bhorali	B. Deka	I. Borah	IAPI
1	0.902	0.879	0.830	0.882	0.873
2	0.898	0.882	0.867	0.900	0.887
3	0.888	0.886	0.837	0.852	0.866
4	0.884	0.871	0.849	0.877	0.870
5	0.891	0.898	0.858	0.871	0.880
6	0.891	0.889	0.846	0.880	0.877
7	0.888	0.880	0.883	0.902	0.888
8	0.878	0.862	0.837	0.858	0.859
9	0.891	0.889	0.880	0.898	0.890
10	0.888	0.874	0.862	0.880	0.876
11	0.897	0.883	0.871	0.883	0.883
12	0.888	0.883	0.868	0.886	0.881
13	0.891	0.895	0.874	0.868	0.882
14	0.888	0.883	0.889	0.892	0.888
15	0.897	0.898	0.868	0.895	0.890
16	0.894	0.889	0.871	0.895	0.887
17	0.881	0.895	0.868	0.883	0.882
18	0.903	0.917	0.917	0.905	0.910
19	0.909	0.905	0.895	0.898	0.902
20	0.906	0.898	0.883	0.889	0.894
21	0.897	0.889	0.852	0.877	0.879
FAPI	**0.893**	**0.888**	**0.867**	**0.884**	**0.883**

Statistics

Quality indicators	A. Baruah	S. Dutta	L. Kakoty	IAPI
1	0.884	0.926	0.932	0.914
2	0.900	0.926	0.958	0.928
3	0.837	0.889	0.921	0.882
4	0.863	0.895	0.911	0.889
5	0.847	0.900	0.921	0.889
6	0.879	0.926	0.932	0.912
7	0.926	0.921	0.947	0.932
8	0.874	0.889	0.926	0.896
9	0.900	0.900	0.916	0.905
10	0.874	0.900	0.900	0.891
11	0.853	0.895	0.926	0.891
12	0.900	0.911	0.921	0.911
13	0.900	0.911	0.911	0.907
14	0.916	0.921	0.895	0.911

15	0.884	0.926	0.932	0.914
16	0.863	0.895	0.900	0.886
17	0.874	0.911	0.905	0.896
18	0.879	0.905	0.900	0.895
19	0.905	0.895	0.900	0.900
20	0.889	0.905	0.905	0.900
21	0.863	0.889	0.900	0.884
FAPI	**0.881**	**0.907**	**0.917**	**0.902**

Physics

Quality indicators	J. Nath	G. Hazarika	S. Chaliha	D. Gogoi	IAPI
1	0.805	0.870	0.768	0.800	0.811
2	0.832	0.865	0.800	0.816	0.828
3	0.757	0.859	0.741	0.843	0.800
4	0.811	0.876	0.789	0.849	0.831
5	0.746	0.832	0.746	0.805	0.782
6	0.714	0.854	0.751	0.849	0.792
7	0.800	0.859	0.811	0.843	0.828
8	0.800	0.849	0.773	0.843	0.816
9	0.708	0.838	0.757	0.876	0.795
10	0.789	0.843	0.768	0.832	0.808
11	0.789	0.849	0.795	0.843	0.819
12	0.811	0.838	0.800	0.843	0.823
13	0.730	0.854	0.822	0.870	0.819
14	0.746	0.768	0.751	0.789	0.764
15	0.795	0.843	0.784	0.849	0.818
16	0.741	0.773	0.773	0.778	0.766
17	0.784	0.838	0.778	0.838	0.809
18	0.762	0.832	0.762	0.822	0.795
19	0.778	0.827	0.789	0.822	0.804
20	0.789	0.827	0.800	0.811	0.807
21	0.805	0.784	0.746	0.746	0.770
FAPI	**0.776**	**0.837**	**0.776**	**0.827**	**0.804**

Mathematics

Quality indicators	P. Bordoloi	P. Neog	A. Dutta	M. Borah	IAPI
1	0.904	0.909	0.875	0.859	0.887
2	0.912	0.901	0.896	0.875	0.896
3	0.904	0.875	0.869	0.840	0.872
4	0.923	0.904	0.899	0.864	0.897
5	0.907	0.893	0.883	0.864	0.887
6	0.904	0.885	0.888	0.853	0.883

7	0.912	0.899	0.893	0.885	0.897
8	0.904	0.880	0.888	0.859	0.883
9	0.896	0.888	0.901	0.867	0.888
10	0.891	0.883	0.875	0.856	0.876
11	0.904	0.896	0.877	0.851	0.882
12	0.883	0.893	0.888	0.877	0.885
13	0.880	0.904	0.907	0.883	0.893
14	0.859	0.864	0.864	0.864	0.863
15	0.917	0.901	0.907	0.880	0.901
16	0.896	0.888	0.891	0.875	0.887
17	0.928	0.923	0.888	0.853	0.898
18	0.907	0.899	0.901	0.877	0.896
19	0.899	0.888	0.885	0.867	0.885
20	0.893	0.891	0.893	0.883	0.890
21	0.880	0.896	0.893	0.883	0.888
FAPI	**0.900**	**0.893**	**0.889**	**0.867**	**0.887**

Chemistry

Quality indicators	IAPI
1	0.838
2	0.805
3	0.784
4	0.789
5	0.757
6	0.773
7	0.805
8	0.751
9	0.751
10	0.800
11	0.800
12	0.789
13	0.843
14	0.805
15	0.789
16	0.822
17	0.805
18	0.811
19	0.784
20	0.762
21	0.735
FAPI	**0.791**

Zoology

Quality indicators	G. A. Bora	B. Bakaliyal	IAPI
1	0.929	0.966	0.947
2	0.934	0.969	0.951
3	0.914	0.951	0.933
4	0.891	0.940	0.916
5	0.897	0.929	0.913
6	0.900	0.946	0.923
7	0.920	0.943	0.931
8	0.900	0.934	0.917
9	0.931	0.946	0.939
10	0.903	0.931	0.917
11	0.894	0.929	0.911
12	0.911	0.943	0.927
13	0.920	0.929	0.924
14	0.917	0.929	0.923
15	0.900	0.937	0.919
16	0.906	0.931	0.919
17	0.903	0.926	0.914
18	0.914	0.926	0.920
19	0.911	0.940	0.926
20	0.903	0.926	0.914
21	0.923	0.937	0.930
FAPI	**0.911**	**0.938**	**0.924**

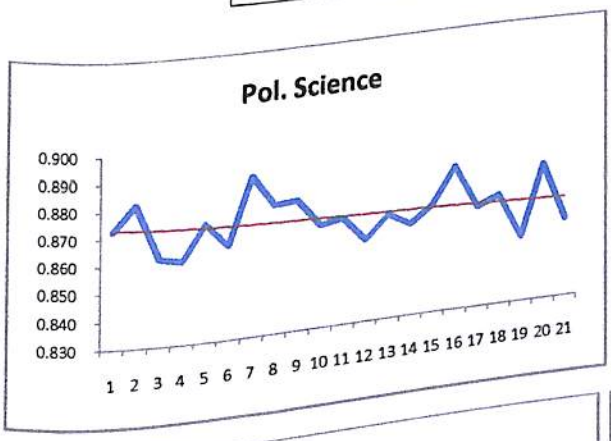
Botany

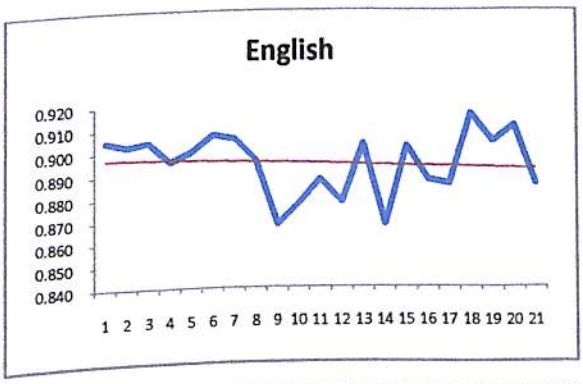
Quality indicators	D. J. Bhuyan	P. Borah	S. Das	API
1	0.782	0.894	0.882	0.853
2	0.827	0.903	0.888	0.873
3	0.785	0.894	0.864	0.847
4	0.721	0.897	0.870	0.829
5	0.803	0.867	0.855	0.841
6	0.815	0.864	0.855	0.844
7	0.733	0.909	0.876	0.839
8	0.773	0.861	0.848	0.827
9	0.721	0.839	0.806	0.789
10	0.761	0.833	0.797	0.797
11	0.803	0.852	0.827	0.827
12	0.730	0.864	0.815	0.803
13	0.782	0.876	0.821	0.826
14	0.764	0.785	0.785	0.778

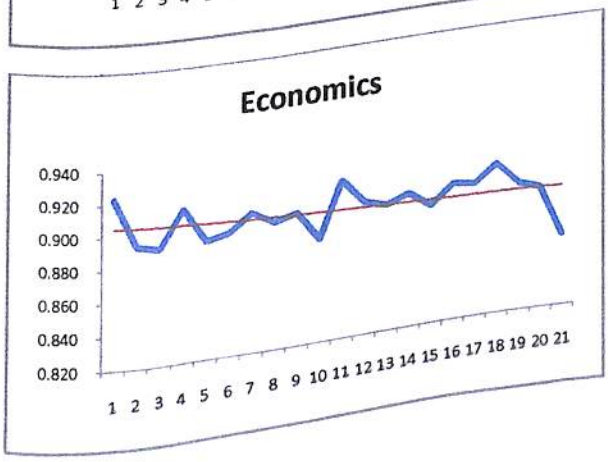
15	0.776	0.845	0.833	0.818
16	0.830	0.864	0.852	0.848
17	0.839	0.885	0.824	0.849
18	0.809	0.864	0.852	0.841
19	0.788	0.833	0.824	0.815
20	0.809	0.876	0.842	0.842
21	0.745	0.821	0.818	0.795
FAPI	**0.781**	**0.863**	**0.840**	**0.828**

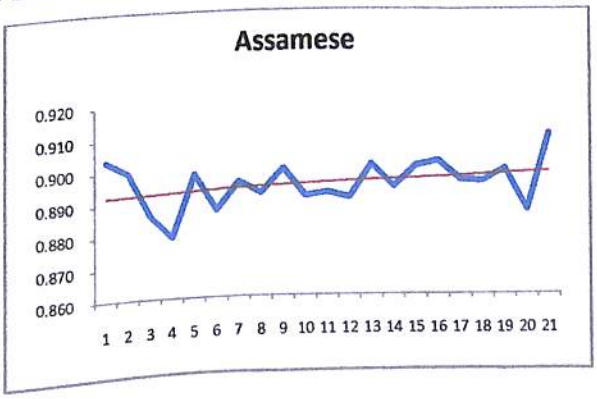
Identifying Quality Balance of the Departments

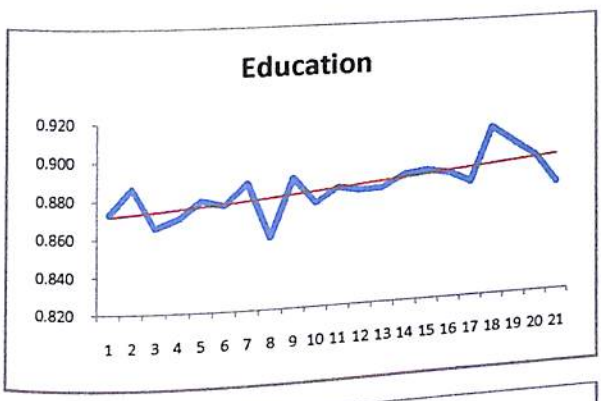
Departments	Slopes
Pol. Science	-142.05
English	-51.78
Economics	-132.00
History	-263.83
Assamese	241.21
Education	315.83
Statistics	-124.85
Physics	-113.46
Mathematics	67.42
Chemistry	-28.81
Zoology	-250.56
Botany	-93.51

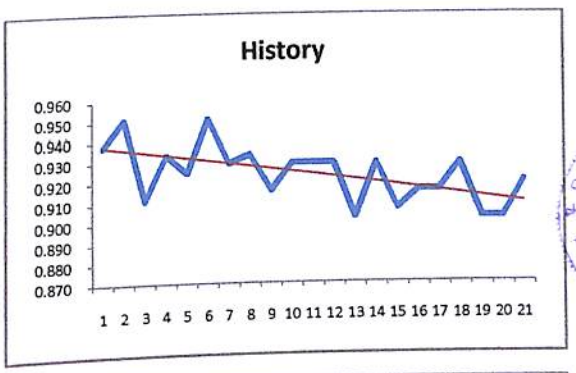


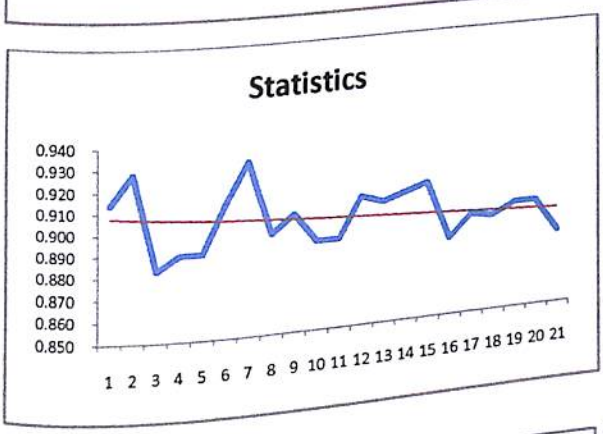


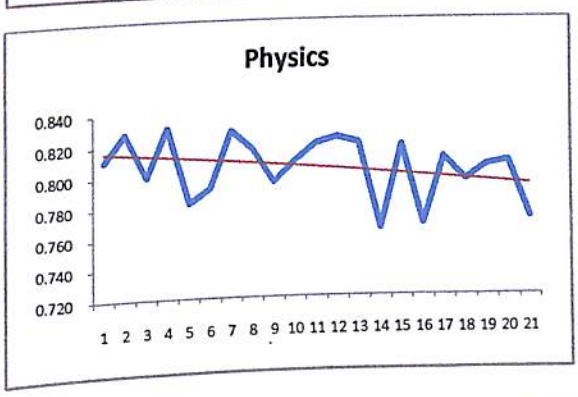


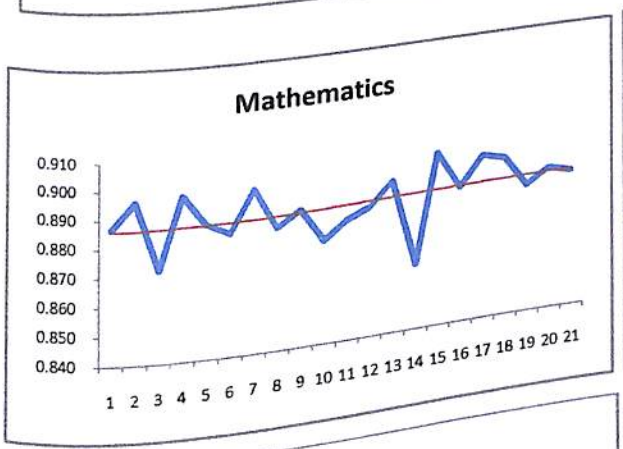


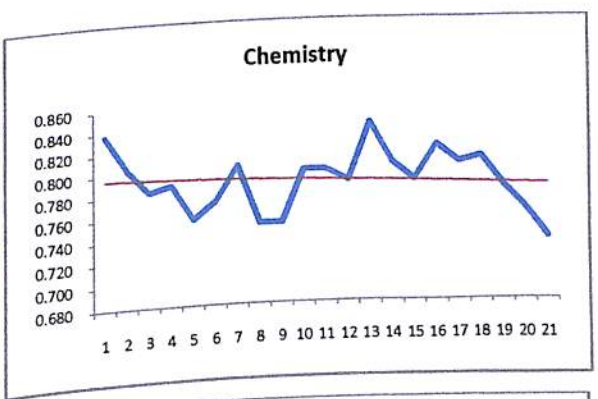


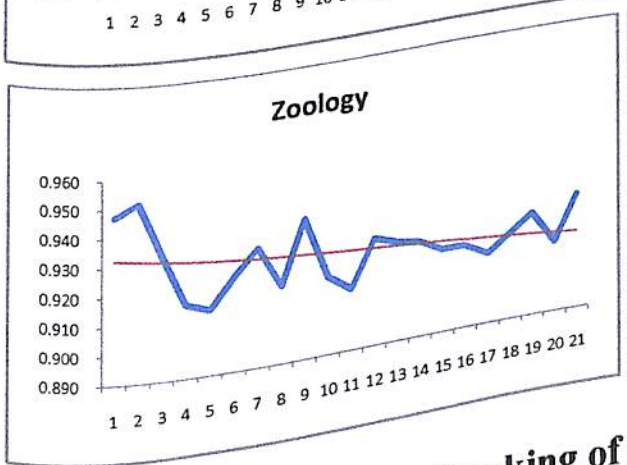


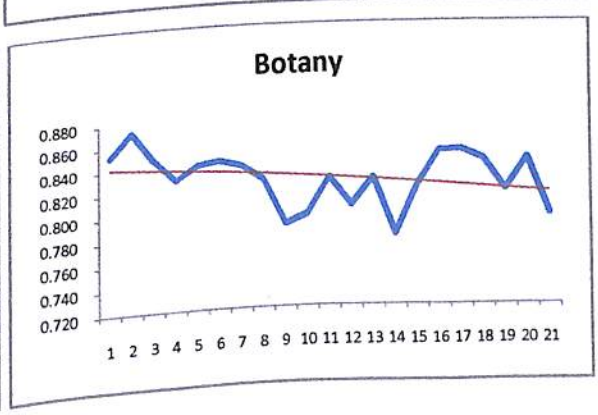












Overall Ranking of the Departments

Departments	Slopes	DAPI	Slope's rank	DAPI's Rank	Total rank	Overall Rank
English	-51.78	0.8949	2	6	8	1
Statistics	-124.85	0.9017	5	3	8	1
Zoology	-250.56	0.9245	8	1	9	2
Economics	-132	0.8998	6	4	10	3
History	-263.83	0.9236	9	2	11	4

Chemistry	-28.81	0.7905	1	12	13	5
Botany	-93.51	0.8514	3	10	13	5
Physics	-113.46	0.8041	4	11	15	6
Pol. Science	-142.05	0.8701	7	9	16	7
Assamese	241.21	0.8955	11	5	16	7
Mathematics	67.42	0.8873	10	7	17	8
Education	315.83	0.8830	12	8	20	9

Above graphs show the slopes of the curve representing quality indicators having down line weightage, which have numerically been estimated as shown in the above table. Overall ranks of the departments have been estimated by considering the ranks of the slope along with DAPI ranks.

Identifying Overall Weakness

Indi-cators	Pol. Sc.	Eng	Eco	Hist	Ass	Edn	Stats	Phy	Math	Chem	Zool	Bot	IAPI*
1	0.873	0.905	0.923	0.938	0.904	0.873	0.914	0.811	0.887	0.838	0.947	0.853	**0.889**
2	0.882	0.903	0.894	0.951	0.900	0.887	0.928	0.828	0.896	0.805	0.951	0.873	**0.892**
3	0.862	0.904	0.891	0.911	0.886	0.866	0.882	0.800	0.872	0.784	0.933	0.847	**0.870**
4	0.860	0.896	0.913	0.933	0.879	0.870	0.889	0.831	0.897	0.789	0.916	0.829	**0.875**
5	0.873	0.900	0.892	0.924	0.899	0.880	0.889	0.782	0.887	0.757	0.913	0.841	**0.870**
6	0.864	0.907	0.895	0.951	0.888	0.877	0.912	0.792	0.883	0.773	0.923	0.844	**0.876**
7	0.889	0.906	0.906	0.929	0.896	0.888	0.932	0.828	0.897	0.805	0.931	0.839	**0.887**
8	0.877	0.896	0.898	0.933	0.892	0.859	0.896	0.816	0.883	0.751	0.917	0.827	**0.871**
9	0.878	0.868	0.902	0.916	0.900	0.890	0.905	0.795	0.888	0.751	0.939	0.789	**0.868**
10	0.868	0.877	0.884	0.929	0.891	0.876	0.891	0.808	0.876	0.800	0.917	0.797	**0.868**
11	0.869	0.888	0.918	0.929	0.892	0.883	0.891	0.819	0.882	0.800	0.911	0.827	**0.876**
12	0.860	0.878	0.902	0.929	0.891	0.881	0.911	0.823	0.885	0.789	0.927	0.803	**0.873**
13	0.868	0.903	0.899	0.902	0.901	0.882	0.907	0.819	0.893	0.843	0.924	0.826	**0.881**
14	0.864	0.868	0.904	0.929	0.894	0.888	0.911	0.764	0.863	0.805	0.923	0.778	**0.866**
15	0.870	0.902	0.894	0.907	0.901	0.890	0.914	0.818	0.901	0.789	0.919	0.818	**0.877**
16	0.883	0.888	0.905	0.916	0.902	0.887	0.886	0.766	0.887	0.822	0.919	0.848	**0.876**
17	0.867	0.886	0.903	0.916	0.896	0.882	0.896	0.809	0.898	0.805	0.914	0.849	**0.877**
18	0.871	0.916	0.914	0.929	0.896	0.910	0.895	0.795	0.896	0.811	0.920	0.841	**0.883**
19	0.854	0.904	0.899	0.902	0.899	0.902	0.900	0.804	0.885	0.784	0.926	0.815	**0.873**
20	0.880	0.911	0.895	0.902	0.886	0.894	0.900	0.807	0.890	0.762	0.914	0.842	**0.874**
21	0.859	0.886	0.864	0.920	0.910	0.879	0.884	0.770	0.888	0.735	0.930	0.795	**0.860**
DAPI	**0.870**	**0.895**	**0.900**	**0.924**	**0.895**	**0.883**	**0.902**	**0.804**	**0.887**	**0.790**	**0.924**	**0.828**	**0.875**

* IAPI => Indicator wise average performance index

As per previous report in only serial number 4, 7, 9 and 21 achievement was less than 90 percent. They were respectively remembrance impact, course consistency, remedial measures and sense of humour. But this time, in quality matters, in case of all indicators performance is less

than 90 percent. Taking 0.871 as cut off point, the performance in indicators 3, 5, 9, 10 and 11 have been found less than the cut off. They are respectively note down opportunity, subject knowledge, remedial measure, opportunity to inter-action and sense of humour.

Conclusions

Tables and graphs shown above are self-explanatory. So, no extra explanation has been added. Faculties and the departments need to go thoroughly to the parts concerned and take corrective measures to mitigate the loopholes as this feedback report reflects. The authority is expected to take necessary measure as a whole so as to enhance the quality effort of the institute.