Students' Feedback
Even Semester, 2019-20

Internal Quality Assurance Cell
Bahona College, Jorhat

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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 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 has developed a mechanism of students' feedback analysis as a measure of self-evaluation so as to find the policy path for quality development in academic transaction. A ten-point quality index mechanism has been formulated.

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. Twenty one indicators are clubbed into ten as follows. For simplification these 21 indicators have been considered separately.

Sl. No	Quality Categories	Quality Indicators	Related questions
1	Clarity in explanation	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	5. Subject	5. Is the teacher comprehensive in

		knowledge 6. Specificity 7. Course consistency	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	8. Completion of syllabus 9. Remedial measure 10. Opportunity to inter-action	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 students in classroom?
4	Cooperation	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	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	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	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	19. Stability	19. Is the teacher stable in his work and words ?
9	Mentorability	20. Mentorability	20. As a mentor is the teacher beneficent for you ?
10	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.

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

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 :

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

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= 0.9620 - 0.9073

$$B = 0.9072 - 0.8525$$
$$C = 0.8524 - 0.7978$$
$$D = \text{Less than } 0.7978$$

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 Feedback (FAPI)

Department	Faculty Name	Faculty API
Pol. Science	Dr. Pankaj Bora	0.8708
	Dr. Sanjay Mili	0.8918
	Ranjit Pegu	0.8660
	Dr. Mridul Dutta	0.8855
	Total Faculty SFI	3.5142
	Faculty Average SFI	0.8785
English	Dr. Shantana Saikia	0.8997
	Samir Ranjan Barua	0.9163
	Ajit Kr. Borah	0.9016
	Amar Jyoti Devnath	0.9150
	Total Faculty SFI	3.6325
	Faculty Average SFI	0.9081
Economics	Dr. Rafique Ahmed (HOD)	0.8733
	Mrs. Mainu Moni Saikia	0.8662
	Mrs. Binoda Borah	0.8371
	Dr. Reema Rabha	0.8791
	Total Faculty SFI	3.4556
	Faculty Average SFI	0.8639
History	Mr. Keshab Ch. Nath	0.9320
	Total Faculty SFI	0.9320
	Faculty Average SFI	0.9320
Assamese	Dr. Santosh Barthakur	0.8957
	Mrs. Namita Chutia Saikia	0.8898
	Dr. Madhusmita Baruah Changkakoty	0.8677

	Mrs. Bibha Rani Das	0.8854
	Dr. Sarala Das	0.8910
	Total Faculty SFI	4.4296
	Faculty Average SFI	0.8859
Education	Dr. Indrani Borthakur	0.9333
	Mr. Amarjyoti Bharali	0.9175
	Mr. Bubul Deka	0.9041
	Mrs. Ilaxy Bora	0.9230
	Total Faculty SFI	3.6778
	Faculty Average SFI	0.9195
Statistics	Dr. Aditi Baruah	0.8900
	Mrs. Shyamali Dutta	0.9082
	Mr. Lalit Kakoty	0.9502
	Total Faculty SFI	2.7485
	Faculty Average SFI	0.9162
Physics	Mr. Jiten Kumar Nath	0.8076
	Mr. Gopal Hazarika	0.8408
	Dr. Sumbit Chaliha	0.7894
	Mr. Diganta Pd. Gogoi	0.8468
	Total Faculty SFI	3.2846
	Faculty Average SFI	0.8212
Mathematics	Mr. Prasanta Bordoloi	0.9432
	Mrs. Papori Neog Bora	0.9316
	Mr. Alock Kr. Dutta	0.9376
	Dr. Manash Jyoti Bora	0.8991
	Total Faculty SFI	3.7115
	Faculty Average SFI	0.9279
Chemistry	Dr. Parinita Borah	0.8546
	Total Faculty SFI	0.8546
	Faculty Average SFI	0.8546
Zoology	Dr. Gayatri Agni Bora	0.9314
	Dr. Bikramaditya Bakalial	0.9527
	Total Faculty SFI	1.8842
	Faculty Average SFI	0.9421
Botany	Mrs. Protiva Bora	0.8992
	Dr. Sangeeta Das	0.9094
	Total Faculty SFI	1.8086
	Faculty Average SFI	0.9043

Ranking the Departments

Department	Faculty API	Ranks
Zoology	0.9421	1
History	0.9320	2
Mathematics	0.9279	3
Education	0.9195	4
Statistics	0.9162	5
English	0.9081	6
Botany	0.9043	7
Assamese	0.8859	8
Pol. Sc	0.8785	9
Economics	0.8639	10
Chemistry	0.8546	11
Physics	0.8212	12

Ranking the Science Departments

Department	Faculty API	Ranks
Zoology	0.9421	1
Mathematics	0.9279	2
Statistics	0.9162	3
Botany	0.9043	4
Chemistry	0.8546	5
Physics	0.8212	6

Ranking the Arts Departments

Department	Faculty API	Ranks
History	0.9320	1
Education	0.9195	2
English	0.9081	3
Assamese	0.8859	4
Pol. Science	0.8785	5
Economics	0.8639	6

Grading the Faculties (all departments)

Faculty Name	API Total PI	API Faculty API	Grade
Samir Ranjan Barua	19.2421	0.9163	A
Amar Jyoti Devnath	19.2140	0.9150	A
Mr. Keshab Ch. Nath	19.5722	0.9320	A
Dr. Indrani Borthakur	19.6000	0.9333	A
Mr. Amarjyoti Bharali	19.2667	0.9175	A
Mrs. Ilaxy Bora	19.3826	0.9230	A
Mrs. Shyamali Dutta	19.0727	0.9082	A
Mr. Lalit Kakoty	19.9545	0.9502	A
Mr. Prasanta Bordoloi	19.8074	0.9432	A
Mrs. Papori Neog Bora	19.5630	0.9316	A
Mr. Alock Kr. Dutta	19.6889	0.9376	A
Dr. Gayatri Agni Bora	19.5600	0.9314	A
Dr. Bikramaditya Bakalial	20.0075	0.9527	A
Dr. Sangeeta Das	19.0967	0.9094	A
Dr. Santosh Borthakur	18.8096	0.8957	B
Dr. Pankaj Bora	18.2876	0.8708	B
Sanjay Mili	18.7281	0.8918	B
Ranjit Pegu	18.1865	0.8660	B
Dr. Mridul Dutta	18.5955	0.8855	B
Dr. Shantana Saikia	18.8932	0.8997	B
Ajit Kr. Borah	18.9333	0.9016	B
Dr. Rafique Ahmed	18.3395	0.8733	B
Mrs. Mainu Moni Saikia	18.1893	0.8662	B
Dr. Reema Rabha	18.4607	0.8791	B
Mrs. Namita Chutia Saikia	18.6867	0.8898	B
Dr. Madhusmita Baruah Changkakoty	18.2217	0.8677	B
Mrs. Bibha Rani Das	18.5928	0.8854	B
Dr. Sarala Das	18.7108	0.8910	B
Mr. Bubul Deka	18.9855	0.9041	B
Dr. Aditi Baruah	18.6909	0.8900	B
Dr. Manash Jyoti Bora	18.8815	0.8991	B
Dr. Parinita Borah	17.9476	0.8546	B
Mrs. Protiva Bora	18.8833	0.8992	B
Mrs. Binoda Borah	17.5786	0.8371	C
Mr. Jiten Kumar Nath	16.9600	0.8076	C
Mr. Gopal Hazarika	17.6571	0.8408	C

Faculty Name	Total PI	Faculty API	Grade
Mr. Diganta Pd. Gogoi	17.7829	0.8468	C
Dr. Sumbit Chaliha	16.5771	0.7894	D
Dr. Debojyoti Bhuyan	15.8467	0.7546	D

Grading Science Faculties

Faculty Name	SFI		Grade
	Total PI	Faculty API	
Mrs. Shyamali Dutta	19.0727	0.9082	A
Mr. Lalit Kakoty	19.9545	0.9502	A
Mr. Prasanta Bordoloi	19.8074	0.9432	A
Mrs. Papori Neog Bora	19.5630	0.9316	A
Mr. Alock Kr. Dutta	19.6889	0.9376	A
Dr. Gayatri Agni Bora	19.5600	0.9314	A
Dr. Bikramaditya Bakalial	20.0075	0.9527	A
Dr. Sangeeta Das	19.0967	0.9094	A
Dr. Aditi Baruah	18.6909	0.8900	B
Dr. Manash Jyoti Bora	18.8815	0.8991	B
Dr. Parinita Borah	17.9476	0.8546	B
Mrs. Protiva Bora	18.8833	0.8992	B
Mr. Jiten Kumar Nath	16.9600	0.8076	C
Mr. Gopal Hazarika	17.6571	0.8408	C
Mr. Diganta Pd. Gogoi	17.7829	0.8468	C
Dr. Sumbit Chaliha	16.5771	0.7894	D
Dr. Debojyoti Bhuyan	15.8467	0.7546	D

Grading Arts Faculties

Faculty Name	SFI		Grade
	Total PI	Faculty API	
Samir Ranjan Barua	19.2421	0.9163	A
Amar Jyoti Devnath	19.2140	0.9150	A
Mr. Keshab Ch. Nath	19.5722	0.9320	A
Dr. Indrani Borthakur	19.6000	0.9333	A
Mr. Amarjyoti Bharali	19.2667	0.9175	A
Mrs. Ilaxy Bora	19.3826	0.9230	A

Dr. Santosh Borthakur	18.8096	0.8957	B
Dr. Pankaj Bora	18.2876	0.8708	B
Sanjay Mili	18.7281	0.8918	B
Ranjit Pegu	18.1865	0.8660	B
Dr. Mridul Dutta	18.5955	0.8855	B
Dr. Shantana Saikia	18.8932	0.8997	B
Ajit Kr. Borah	18.9333	0.9016	B
Dr. Rafique Ahmed	18.3395	0.8733	B
Mrs. Mainu Moni Saikia	18.1893	0.8662	B
Dr. Reema Rabha	18.4607	0.8791	B
Mrs. Namita Chutia Saikia	18.6867	0.8898	B
Dr. Madhusmita Baruah Changkakoty	18.2217	0.8677	B
Mrs. Bibha Rani Das	18.5928	0.8854	B
Dr. Sarala Das	18.7108	0.8910	B
Mr. Bubul Deka	18.9855	0.9041	B
Mrs. Binoda Borah	17.5786	0.8371	C

Quality indicator-wise SFI of the Departments

Here, in the following tables, bold figures indicate the highest and lowest values of SFI

Assamese

Indicators	Dr. S. Borthakur	N. C. Saikia	M. C. Baruah	Bibha Das	Dr. Sarala Das
1	**0.9181**	**0.9108**	0.8867	0.8723	0.8916
2	0.9060	0.8964	0.8747	0.8675	0.9108
3	0.8988	0.8940	0.8602	0.8747	0.8819
4	0.8867	0.8843	0.8602	0.8892	0.8795
5	0.8843	0.8747	0.8554	**0.8554**	0.8747
6	**0.8795**	0.8867	0.8578	0.8819	0.8819
7	0.8988	0.8892	0.8530	0.8964	0.8795
8	0.8843	0.8867	0.8602	0.8892	0.8892
9	0.8964	0.8867	0.8699	0.8940	0.8988
10	**0.8795**	**0.8723**	0.8627	0.8651	**0.8699**
11	0.8916	0.8843	0.8578	0.8867	0.8988
12	0.9036	0.8916	0.8651	0.8940	0.8916
13	0.9012	0.9012	0.8843	0.8988	0.8964
14	0.9060	0.8940	**0.8892**	**0.9133**	**0.9181**
15	0.8964	0.8892	0.8771	0.8964	0.8964
16	0.8940	0.8795	0.8699	0.8867	0.9012
17	0.9060	0.9036	0.8747	0.8964	0.8916

18	0.9012	0.9108	0.8795	0.8964	
19	0.9012	**0.9012**	0.8771	0.8843	0.8964
20	0.8819	0.8771	**0.8506**	0.8771	0.8964
21	0.8940	**0.8723**	0.8554	0.8771	0.8940
FAPI	**0.8957**	0.8898	**0.8677**	0.8854	0.8723
					0.8910

Political Science

Indicators	Dr. Pankaj Bora	Dr. Sanjay Mili	Ranjit Pegu	Dr. Mridul Dutta
1	**0.8895**	0.8944	0.8629	0.8674
2	0.8876	0.8899	0.8584	0.8966
3	0.8705	0.9056	0.8652	0.8809
4	0.8781	0.9056	0.8764	0.8809
5	0.8648	0.9056	0.8674	0.8876
6	0.8724	**0.9079**	0.8809	**0.9101**
7	0.8590	0.9034	0.8764	0.8989
8	0.8648	0.8944	0.8697	0.8831
9	**0.8457**	0.8831	0.8562	0.8697
10	0.8686	0.9034	0.8719	0.8921
11	0.8781	0.8921	0.8764	0.8876
12	0.8800	0.8854	0.8629	0.8921
13	0.8838	0.8854	0.8629	0.8921
14	0.8552	0.8764	0.8494	0.8674
15	0.8686	0.8989	0.8719	0.8944
16	0.8724	0.8697	**0.8382**	0.8944
17	0.8857	0.8966	0.8697	0.9011
18	0.8762	0.8966	**0.8831**	0.9011
19	0.8667	0.8831	0.8719	0.8652
20	0.8552	**0.8629**	0.8472	0.8742
21	0.8648	0.8876	0.8674	**0.8584**
FAPI	**0.8708**	0.8918	0.8660	0.8855

English

Quality Indicators	Dr. S. Saikia	Mr. S. R. Baruah	Mr. A. K. Borah	Mr. A. Debnath
1	0.9151	0.9193	0.8772	0.9018
2	**0.9315**	**0.8561**	0.8807	**0.9298**
3	0.9068	0.9053	0.9018	0.9088
4	0.8986	0.9123	0.8632	0.8982
5	0.9014	0.9088	0.8877	0.9088

6	0.8877	**0.9368**	0.9193	0.9158
7	0.9014	**0.9368**	0.9158	0.9228
8	0.9014	0.9298	0.9123	0.9228
9	0.8932	0.9053	0.8842	0.9088
10	0.8822	0.9053	0.8807	**0.8877**
11	0.8932	0.9193	0.8912	0.9088
12	0.8822	0.9158	0.8877	0.9053
13	**0.8658**	**0.9368**	0.9018	0.9228
14	0.8932	0.9018	0.8947	0.9053
15	0.9068	0.9158	0.9298	0.9228
16	0.8959	0.9088	0.9088	0.9123
17	0.9151	0.9404	0.9053	0.9298
18	0.9068	0.9439	0.9298	0.9228
19	0.9123	0.9298	**0.9333**	0.9404
20	0.9041	0.9123	**0.9333**	0.9193
21	0.8986	0.9018	0.8947	0.9193
FAPI	**0.8997**	**0.9163**	0.9016	0.9150

Economics

Quality Indicators	Dr. R. Ahmed	Mrs. M. Saikia	Mrs. B. Borah	Dr. Reema Rabha
1	0.8837	**0.9000**	0.8607	**0.9000**
2	**0.9023**	0.8821	0.8250	0.8893
3	0.8930	0.8464	0.8179	0.8786
4	0.8744	0.8536	0.8321	**0.9000**
5	0.8419	0.8536	**0.8107**	0.8679
6	0.8698	0.8571	0.8214	0.8571
7	0.8837	0.8714	0.8321	0.8643
8	0.8605	0.8536	0.8179	**0.8500**
9	0.8744	0.8643	0.8214	0.8786
10	0.8465	0.8786	0.8536	0.8679
11	0.8744	0.8607	0.8607	**0.9000**
12	0.8837	0.8821	0.8536	0.8929
13	0.8930	0.8607	0.8571	0.9036
14	**0.8140**	0.8643	0.8321	0.8607
15	0.8791	**0.8500**	0.8357	0.8750
16	0.8884	**0.8500**	0.8321	0.8750
17	0.8651	0.8750	0.8536	0.8893
18	0.8837	0.8786	**0.8643**	0.8929
19	0.8977	0.8714	0.8500	0.8893
20	0.8744	0.8786	0.8357	0.8821
21	0.8558	0.8571	**0.8107**	0.8464
FAPI	0.8733	0.8662	**0.8371**	**0.8791**

History

Quality Indicators	Keshab Nath
1	**0.9667**
2	0.9500
3	0.9389
4	0.9444
5	0.9333
6	0.9500
7	0.9333
8	0.9333
9	0.9333
10	0.9278
11	0.9389
12	0.9000
13	**0.9056**
14	0.9111
15	0.9278
16	0.9167
17	0.9222
18	0.9500
19	0.9333
20	0.9333
21	0.9222
FASFI	0.9320

Education

Quality Indicators	Dr. I. Borthakur	Mr. A. J. Bhorali	Mr. B. Deka	Mrs. I. Borah
1	0.9449	0.9333	0.8957	0.9333
2	**0.9478**	**0.9362**	0.9072	**0.9449**
3	0.9391	0.9333	0.9101	0.9304
4	0.9333	0.9304	0.9101	0.9304
5	0.9130	0.9101	0.8841	**0.9014**
6	**0.9478**	0.9333	0.9188	0.9275
7	0.9391	0.9275	0.9304	0.9275

8	0.9217	0.9014	0.8899	0.9188
9	0.9246	0.9217	0.9043	0.9246
10	**0.9101**	**0.8928**	0.8783	0.9159
11	0.9246	0.9072	0.9072	0.9246
12	0.9391	0.9101	0.8957	0.9130
13	0.9333	0.9275	0.9275	0.9275
14	0.9391	0.9304	0.9159	0.9188
15	0.9333	0.8986	0.8754	0.9130
16	0.9246	0.9072	0.9014	0.9188
17	0.9362	0.9072	0.9014	0.9246
18	0.9449	0.9188	**0.9275**	0.9333
19	0.9391	0.9246	0.9101	0.9246
20	0.9246	0.9014	0.8899	0.9072
21	0.9391	0.9130	0.9043	0.9217
FAPI	**0.9333**	0.9174	**0.9041**	0.9229

Statistics

Quality Indicators	Dr. A. Baruah	Mrs. S. Dutta	Mr. L. Kakoty
1	0.8545	**0.8818**	0.9364
2	0.8727	0.9000	**0.9727**
3	**0.8545**	0.9091	**0.9727**
4	0.9000	0.9091	**0.9727**
5	0.8818	0.9091	**0.9727**
6	0.8636	0.8909	0.9636
7	0.8909	0.9091	0.9636
8	0.8909	0.9000	0.9545
9	0.9000	0.9000	0.9545
10	0.8818	0.9000	0.9455
11	0.9000	0.9000	0.9455
12	**0.9273**	**0.9364**	**0.9727**
13	0.9182	**0.9364**	0.9636
14	0.9000	0.9091	0.9364
15	0.9182	0.9273	0.9455
16	0.9091	0.9000	0.9182
17	0.8818	0.9091	0.9273
18	0.8909	0.9273	0.9364
19	0.9091	0.9273	0.9545
20	0.8636	0.8909	**0.9091**
21	0.8818	0.9000	0.9364
FAPI	**0.8900**	0.9082	**0.9502**

Physics

Quality Indicators	Mr. J. Nath	Mr. G. Hazarika	Dr. S. Chaliha	Mr. D. Gogoi
1	0.8343	**0.8857**	**0.7714**	**0.8686**
2	0.8057	0.8743	0.7486	0.8400
3	0.8057	0.8686	0.7600	0.8629
4	0.8286	0.8286	0.7943	0.8400
5	0.7943	0.8171	0.7543	0.8400
6	**0.7771**	0.8743	0.7600	**0.8686**
7	0.8343	0.8629	**0.8457**	0.8629
8	0.8057	0.8286	0.7486	0.8743
9	0.7829	0.8457	0.8171	0.8743
10	**0.7771**	0.8571	0.8000	0.8629
11	0.7943	0.8457	0.8000	0.8514
12	0.8171	0.8514	0.8000	0.8571
13	0.7829	0.8629	0.8057	**0.8686**
14	0.7886	0.8000	0.8000	0.8229
15	0.8114	0.8343	0.7771	0.8229
16	**0.7771**	0.7714	0.7543	0.7829
17	0.8286	0.8514	0.8286	**0.8686**
18	0.8171	0.8514	0.8057	0.8514
19	0.8286	**0.8114**	0.7829	**0.8171**
20	**0.8457**	0.8457	0.8343	0.8286
21	0.8229	0.7886	0.7886	**0.8171**
FAPI	0.8076	0.8408	**0.7894**	**0.8468**

Mathematics

Quality Indicators	Mr. P. Bordoloi	Mrs. P. B. Neog	Mr. A. Dutta	Dr. M. Borah
1	**0.9667**	**0.9630**	**0.9667**	0.9148
2	0.9444	0.9259	0.9370	0.9148
3	0.9556	0.9185	0.9556	**0.8778**
4	0.9704	0.9593	0.9593	0.9037
5	0.9222	**0.8889**	0.9222	**0.8778**
6	0.9630	0.9296	0.9370	0.8963
7	0.9444	0.9519	0.9481	**0.9185**

8	0.9444	0.9148	0.9296	0.8889
9	0.9222	0.9333	0.9481	**0.9185**
10	0.9370	0.9222	0.9222	0.8778
11	0.9630	0.9333	0.9407	0.9074
12	0.9519	0.9407	0.9296	0.8926
13	0.9370	0.9519	0.9444	0.9074
14	**0.9000**	0.9000	**0.9074**	0.8704
15	0.9519	0.9370	0.9407	0.9037
16	0.9407	0.9148	0.9185	0.9000
17	0.9556	0.9519	0.9370	0.9148
18	0.9556	0.9407	0.9556	0.9111
19	0.9407	0.9296	0.9296	0.89 3
20	0.9296	0.9333	0.9222	0.89 6
21	0.9111	0.9222	0.9370	0.89 3
FAPI	**0.9432**	0.9316	0.9376	**0.8991**

Chemistry

Quality Indicators	Dr. Porinita Bora
1	**0.8857**
2	0.8667
3	0.8429
4	0.8571
5	**0.8190**
6	0.8524
7	0.8571
8	0.8476
9	0.8524
10	0.8619
11	0.8476
12	0.8524
13	0.8571
14	0.8429
15	0.8667
16	0.8571
17	0.8619
18	0.8810
19	0.8476
20	0.8667
21	0.8238
FAPI	0.8546

Zoology

Quality Indicators	Dr. G. A. Borah	Dr. B. Bakaliyal
1	0.9425	0.9650
2	0.9525	**0.9825**
3	0.9175	0.9625
4	0.9200	0.9675
5	**0.9125**	**0.9325**
6	0.9350	0.9675
7	0.9450	0.9625
8	**0.9125**	0.9450
9	0.9400	0.9500
10	0.9225	0.9500
11	0.9375	0.9525
12	**0.9550**	0.9675
13	**0.9500**	0.9725
14	0.9275	0.9425
15	0.9400	0.9550
16	0.9175	0.9425
17	0.9400	0.9400
18	0.9425	0.9450
19	**0.9125**	0.9200
20	0.9225	0.9400
21	0.9150	0.9450
FAPI	**0.9314**	**0.9527**

Botany

Quality Indicators	Dr. D. J. Bhuyan	Mrs. P. Borah	Dr. S. Das
1	0.7300	0.9100	0.9233
2	0.7633	0.9167	0.9100
3	0.7433	0.9033	**0.9267**
4	**0.7067**	0.9133	0.9033
5	0.7400	0.9067	0.9133
6	0.7533	0.8900	0.8900
7	0.7233	0.9133	0.9233
8	0.7667	0.8833	**0.8867**
9	0.7600	0.9000	0.9033
10	0.7300	**0.8767**	0.8933
11	0.7633	0.9000	0.9233
12	0.7733	0.9000	0.9167
13	0.7567	0.9033	0.9100
14	0.7700	0.8933	0.9133
15	0.7600	**0.9200**	**0.9267**

16	0.7833	0.8867	0.9000
17	**0.7967**	0.9067	0.9167
18	0.7700	0.8900	0.9100
19	0.7567	0.8800	0.8933
20	0.7467	0.9033	0.9167
21	0.7533	0.8867	0.8967
FAPI	**0.7546**	0.8992	**0.9094**

Identifying Departmental Quality Balance

DAPI	Ass	Pol. Sc	Eng	Eco	Hist	Edn	Stats	Phy	Maths	Chem	Zoo	Bot
1	0.896	0.879	0.903	0.886	**0.967**	0.927	0.891	0.840	0.953	**0.886**	0.954	0.854
2	0.891	0.883	0.900	0.875	0.950	0.934	0.915	0.817	0.931	0.867	0.968	0.863
3	0.882	0.881	0.906	0.859	0.939	0.928	0.912	0.824	0.927	0.843	0.940	0.858
4	0.880	0.885	0.893	0.865	0.944	0.926	0.927	0.823	0.948	0.857	0.944	0.841
5	0.869	0.881	0.902	0.844	0.933	0.902	0.921	0.801	0.903	**0.819**	0.923	0.853
6	0.878	0.893	0.915	0.851	0.950	0.932	0.906	0.820	0.931	0.852	0.951	0.844
7	0.883	0.884	0.919	0.863	0.933	0.931	0.921	0.851	0.941	0.857	0.954	0.853
8	0.882	0.878	0.917	0.846	0.933	0.908	0.915	0.814	0.919	0.848	0.929	0.846
9	0.889	0.864	0.898	0.860	0.933	0.919	0.918	0.830	0.931	0.852	0.945	0.854
10	0.870	0.884	0.889	0.862	0.928	0.899	0.909	0.824	0.915	0.862	0.936	0.833
11	0.884	0.884	0.903	0.874	0.939	0.916	0.915	0.823	0.936	0.848	0.945	0.862
12	0.889	0.880	0.898	0.878	0.900	0.914	0.945	0.831	0.929	0.852	0.961	0.863
13	0.896	0.881	0.907	0.879	**0.906**	0.929	0.939	0.830	0.935	0.857	0.961	0.857
14	0.904	0.862	0.899	0.843	0.911	0.926	0.915	0.803	0.894	0.843	0.935	0.859
15	0.891	0.883	0.919	0.860	0.928	0.905	0.930	0.811	0.933	0.867	0.948	0.869
16	0.886	0.869	0.906	0.861	0.917	0.913	0.909	0.771	0.919	0.857	0.930	0.857
17	0.894	0.888	0.923	0.871	0.922	0.917	0.906	0.844	0.940	0.862	0.940	0.873
18	0.897	0.889	0.926	0.880	0.950	0.931	0.918	0.831	0.941	0.881	0.944	0.857
19	0.892	0.872	0.929	0.877	0.933	0.925	0.930	0.810	0.924	0.848	0.916	0.843
20	0.876	0.860	0.917	0.868	0.933	0.906	0.888	0.839	0.919	0.867	0.931	0.856
21	0.874	0.870	0.904	0.843	0.922	0.920	0.906	0.804	0.917	0.824	0.930	0.846
slope	99.3	-263.2	254.7	-0.6	-199.0	-147.6	7.4	-62.5	-115.7	-22.3	-199.9	83.2

Ass
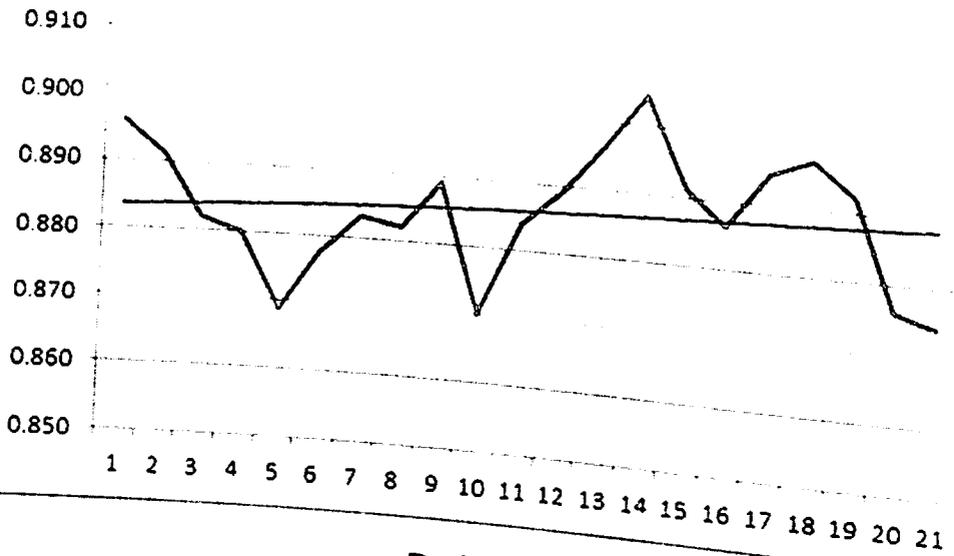
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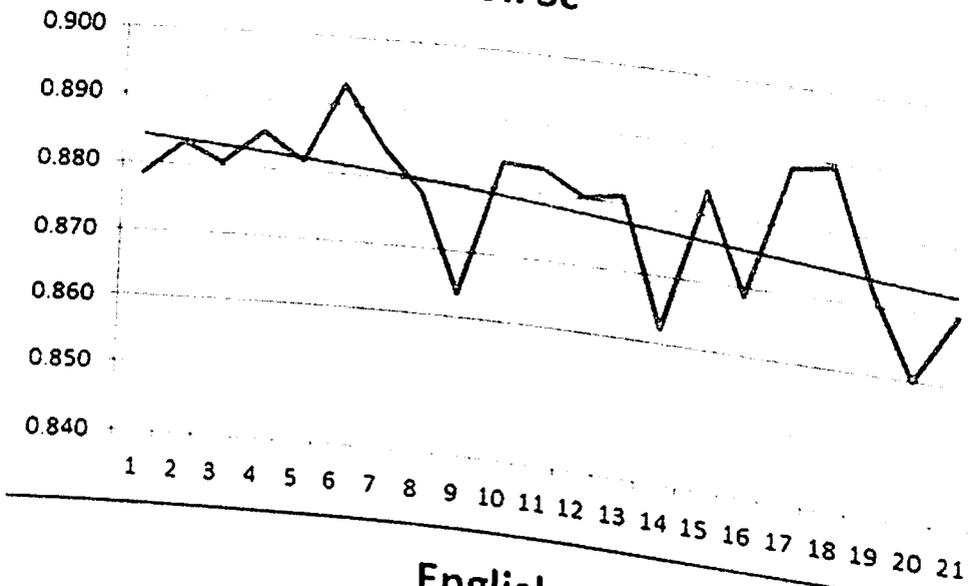
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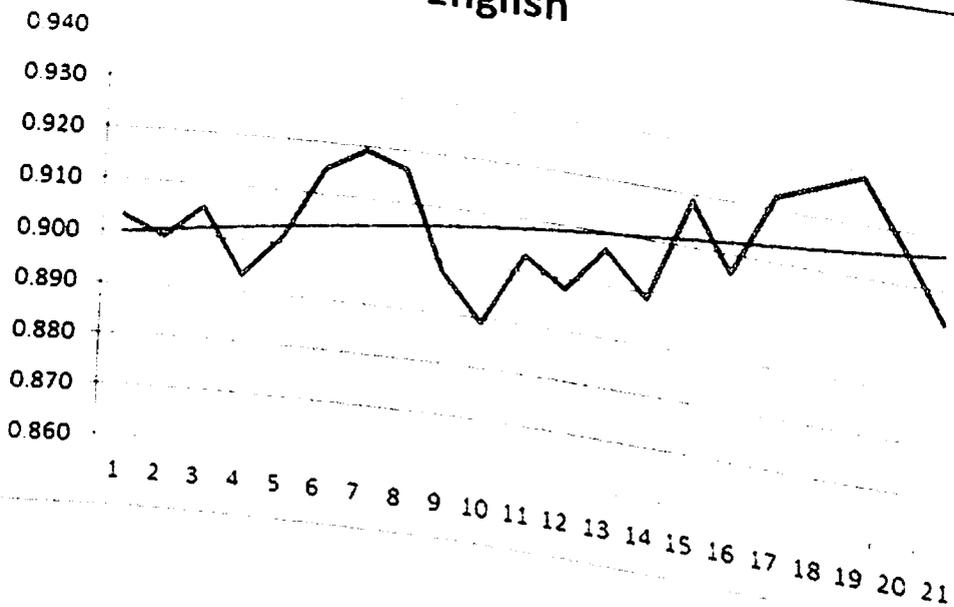
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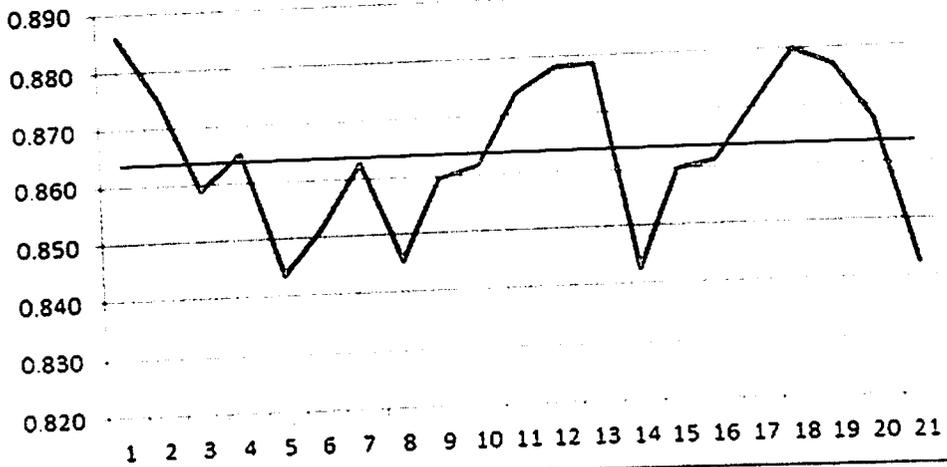
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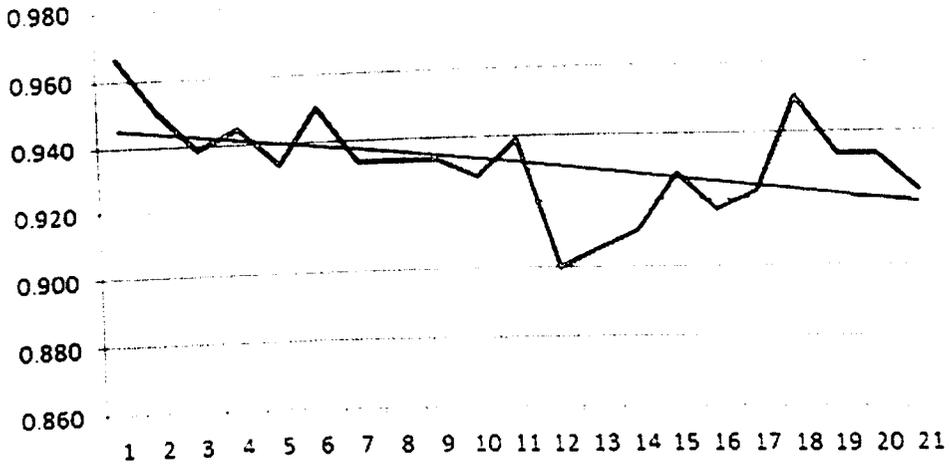
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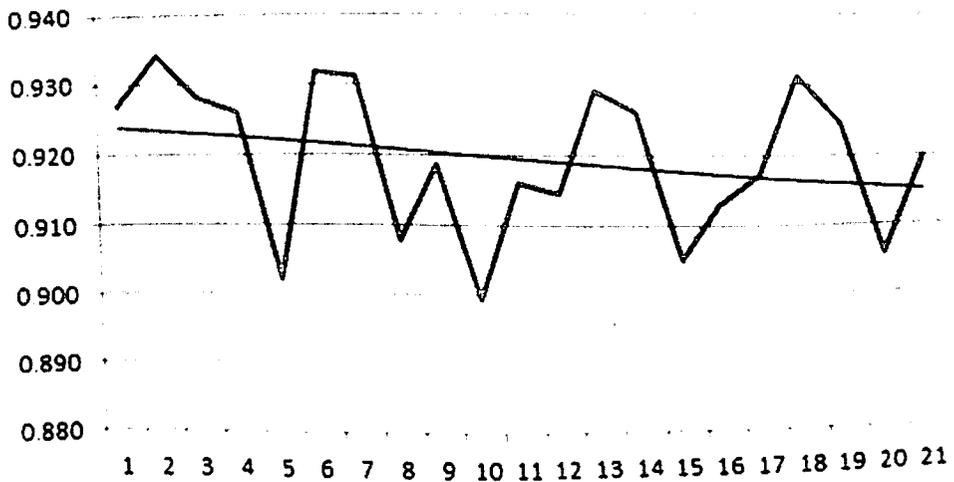
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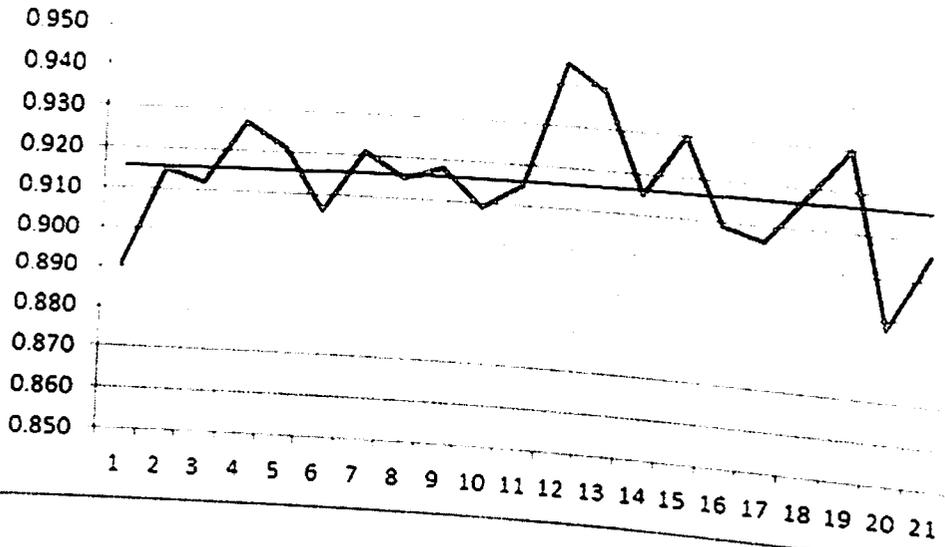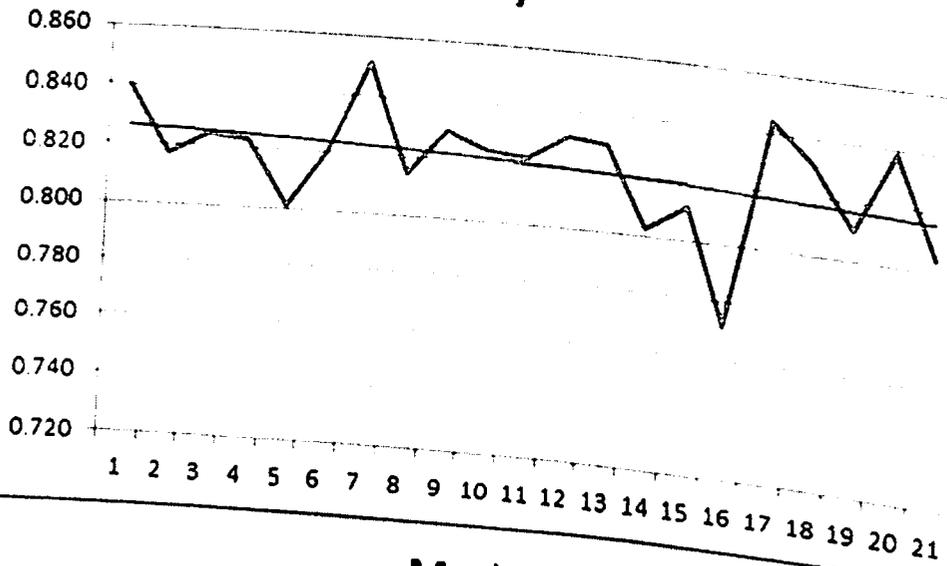
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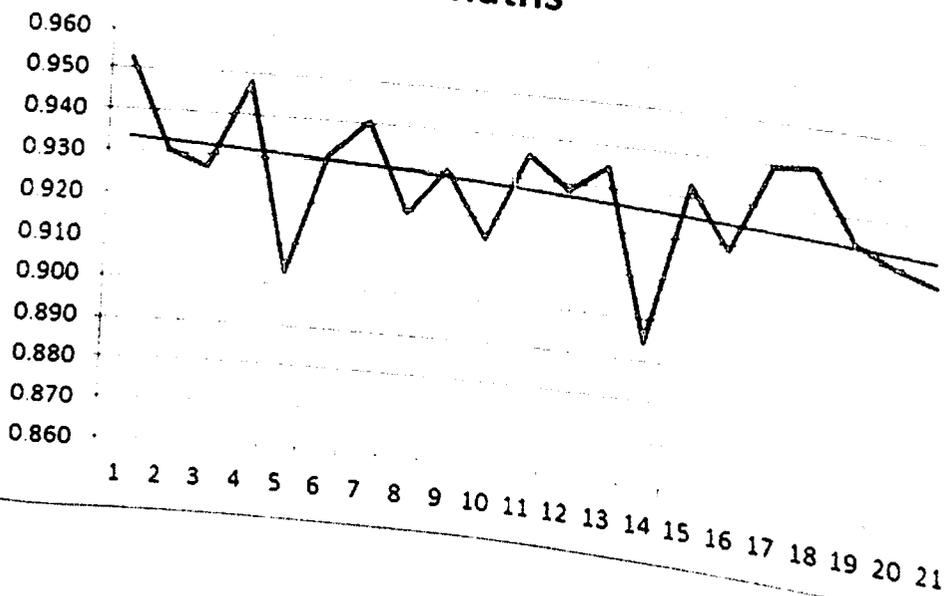
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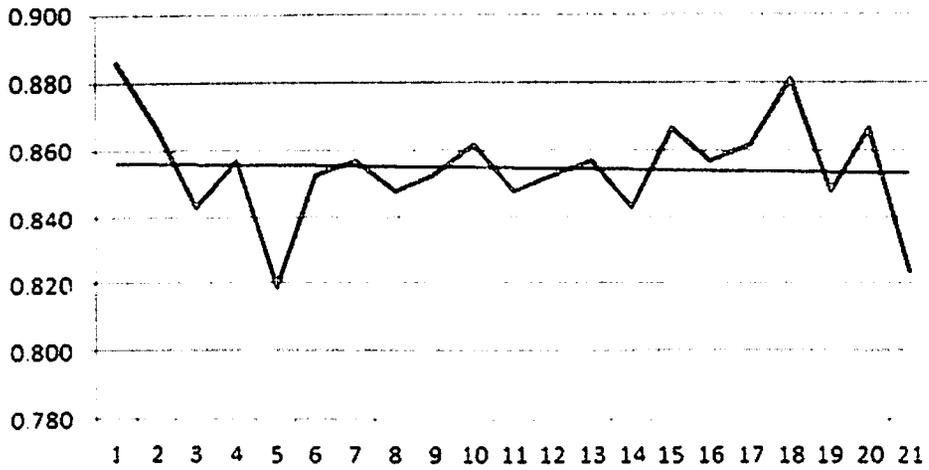
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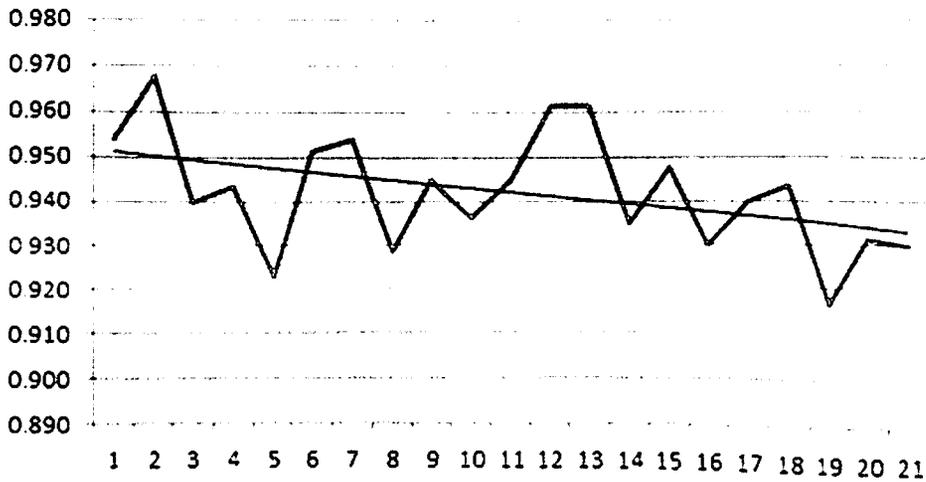
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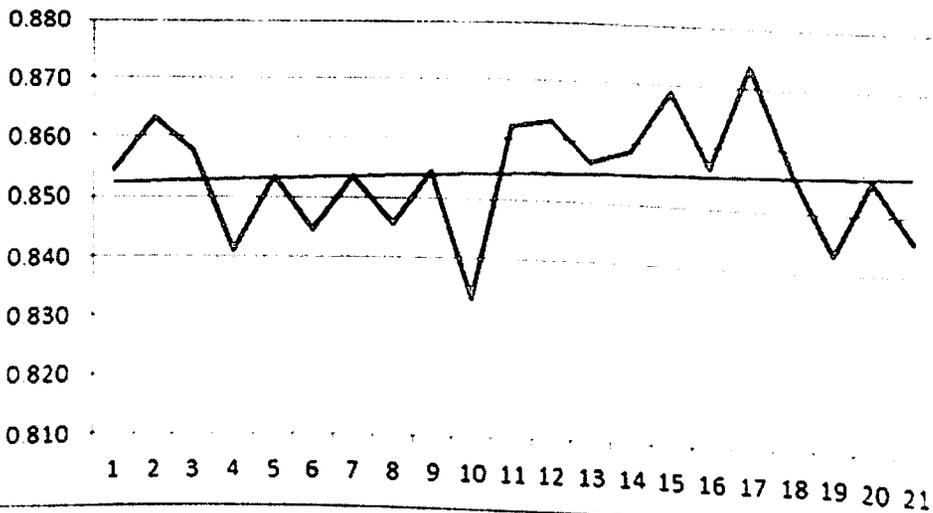
Overall Ranking of the Departments

Departments	Slopes	DAPI	Slope's rank	DAPI's Rank	Total rank	Overall Rank
Ass	99.30	0.8859	2	5	7	8th
Pol Sc.	-263.20	0.8785	12	4	16	4th
Eng	254.70	0.9081	1	7	8	6th
Eco	-0.60	0.8639	5	3	8	6th
Hist	-199.00	0.932	10	11	21	2nd
Edn	-147.60	0.9195	9	9	18	3rd
Stats	7.40	0.9162	4	8	12	5th
Phy	-62.50	0.8212	7	1	8	6th
Maths	-115.70	0.9279	8	10	18	3rd
Chem	-22.30	0.8546	6	2	8	6th
Zoo	-199.90	0.9421	11	12	23	1st
Bot	83.20	0.9043	3	6	9	7th

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.

Ranks of Departments

Total Rank	Ass	Pol Sc.	Eng	Eco	Hist	Edn	Stats	Phy	Maths	Chem	Zoo	Bot
	7	16	8	8	21	18	12	8	18	8	23	9
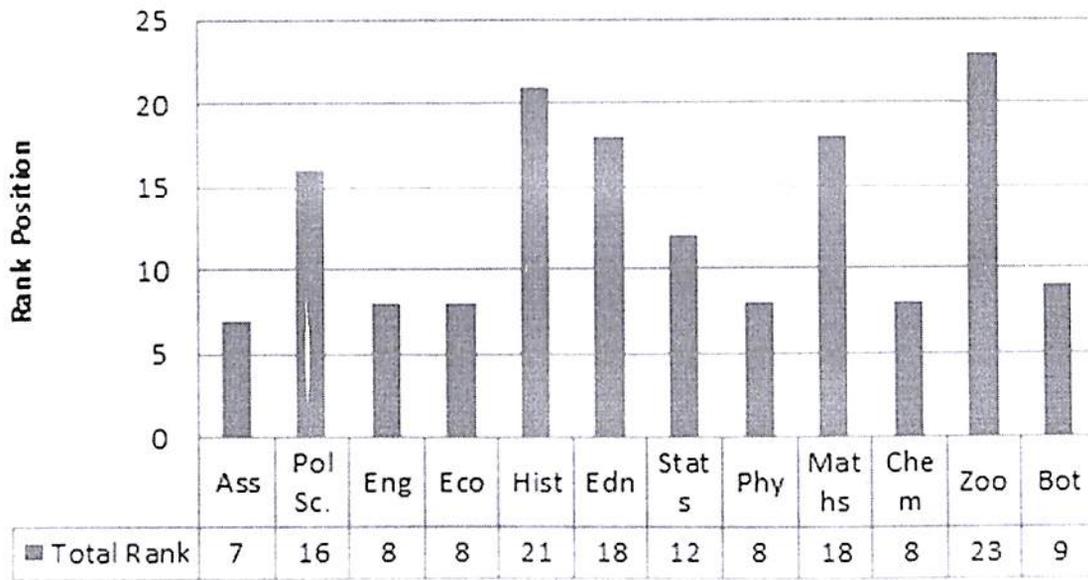
Identifying Overall Lapse

Indicators	Ass	Pol. Sc	Eng	Eco	Hist	Edn	Stats	Phy	Maths	Chem	Zoo	Bot	Total
1	0.104	0.121	0.097	0.114	0.033	0.073	0.109	0.160	0.047	0.114	0.046	0.146	1.164
2	0.109	0.117	0.100	0.125	0.050	0.066	0.085	0.183	0.069	0.133	0.032	0.137	1.206
3	0.118	0.119	0.094	0.141	0.061	0.072	0.088	0.176	0.073	0.157	0.060	0.142	1.301
4	0.120	0.115	0.107	0.135	0.056	0.074	0.073	0.177	0.052	0.143	0.056	0.159	1.267
5	0.131	0.119	0.098	0.156	0.067	0.098	0.079	0.199	0.097	0.181	0.077	0.147	1.449
6	0.122	0.107	0.085	0.149	0.050	0.068	0.094	0.180	0.069	0.148	0.049	0.156	1.277
7	0.117	0.116	0.081	0.137	0.067	0.069	0.079	0.149	0.059	0.143	0.046	0.147	1.210
8	0.118	0.122	0.083	0.154	0.067	0.092	0.085	0.186	0.081	0.152	0.071	0.154	1.365
9	0.111	0.136	0.102	0.140	0.067	0.081	0.082	0.170	0.069	0.148	0.055	0.146	1.307
10	0.130	0.116	0.111	0.138	0.072	0.101	0.091	0.176	0.085	0.138	0.064	0.167	1.389
11	0.116	0.116	0.097	0.126	0.061	0.084	0.085	0.177	0.064	0.152	0.055	0.138	1.271
12	0.111	0.120	0.102	0.122	0.100	0.086	0.055	0.169	0.071	0.148	0.039	0.137	1.260
13	0.104	0.119	0.093	0.121	0.094	0.071	0.061	0.170	0.065	0.143	0.039	0.143	1.223
14	0.096	0.138	0.101	0.157	0.089	0.074	0.085	0.197	0.106	0.157	0.065	0.141	1.406
15	0.109	0.117	0.081	0.140	0.072	0.095	0.070	0.189	0.067	0.133	0.052	0.131	1.256
16	0.114	0.131	0.094	0.139	0.083	0.087	0.091	0.229	0.081	0.143	0.070	0.143	1.405
17	0.106	0.112	0.077	0.129	0.078	0.083	0.094	0.156	0.060	0.138	0.060	0.127	1.220
18	0.103	0.111	0.074	0.120	0.050	0.069	0.082	0.169	0.059	0.119	0.056	0.143	1.155
19	0.108	0.128	0.071	0.123	0.067	0.075	0.070	0.190	0.076	0.152	0.084	0.157	1.301
20	0.124	0.140	0.083	0.132	0.067	0.094	0.112	0.161	0.081	0.133	0.069	0.144	1.340
21	0.126	0.130	0.096	0.157	0.078	0.080	0.094	0.196	0.083	0.176	0.070	0.154	1.440

Lapse = 1 - API

The faculties as a whole are most weak in quality serial number 5, 21, 15, 16 and 10. They are respectively subject knowledge, sense of humour, inspiration, higher education counseling and opportunity inter-action. Faculties are most strong in 18, 1, 2, and 7. They are respectively response to students' query, audibility, intelligibility and course consistency.

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.