

**PATNA UNIVERSITY**

**REPORT**

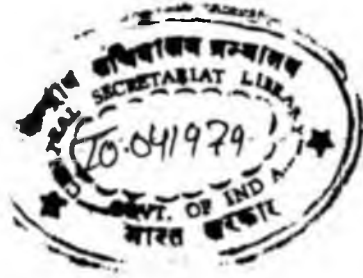
**ON THE INSPECTION OF PATNA COLLEGE**

**FOR 1924-25**

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# PATNA UNIVERSITY

## REPORT

ON THE INSPECTION OF PATNA COLLEGE FOR 1924-25.



*Inspected by Messrs. W. Ooston Smith and S. C. Tripathi on January 9, 1925.*

The last previous inspection was in January 1922. The Governing-Body has not changed much during the interval. The Commissioner of the Division is ex officio President, and the Principal ex-officio Secretary. In addition there are two members of the staff nominated, usually the senior European and the senior Indian. There are three outside members, nominated. These were in 1923-24, Mr. P. K. Sen, Khan Bahadur Sarfaraz Hasan Khan and the Hon'ble Babu Ganesh Datta Singh. In this session 1924-25 the outside members are Mr. P. K. Sen, Maulvi Saiyid Md. Hussain M. L. C., and Babu Rameshwar Prasad Singh M. L. C. During 1923-24 there were 4 meetings and 7 or 8 matters were circulated.

2. The College Council consists of the members of the staff who are in the I. E. S. and the B. & O. E. S. It meets twice a year or oftener to settle examination results, allot the library grant and discuss any matters of interest. Only one meeting is shown in the report for the year 1923-24, but it seems that there must have been more.

3. The College has no I. A. classes, though there is a proposal that they should be opened again. There are I. Sc. classes. The large rooms on the ground floor of the main building was turned into a laboratory some years ago. It is dark and ill-ventilated and can never be made very suitable for the purpose.

4. The number of students at the beginning of the session 1923-24 is shown as 474 and at the beginning of this session reached 493. They are distributed in the classes as follows—Inter Science classes 50 each, B. Sc. classes 30 each, B. A. classes 95 and 97, M. A. and M. Sc. classes, English 49, History 22, Economics 15, Persian 7, Sanskrit 5, Mathematics 5, Physics 7 and Chemistry 5. The aggregate number reading for higher degrees in the Province increases but slowly and many of the students are not really in earnest about their M. A. work, being candidates for posts or members of the Law College.

5. The staff is large, well paid, and well up to the standards usually observed in Government Colleges. The pay of the teaching staff is shown as amounting to Rs. 2,36,89½ a year and the fees to about Rs. 43,000. The whole expenditure of the college is upwards of Rs 3,00,000 a year or more than Rs. 600 per head, whereas the fees average about Rs. 87 a year each. The sum of Rs. 2,44,577 is shown as paid from Provincial revenues. Government pay a very large share of the cost of the College. This is partly due to the small size of the honours and post graduate classes, and partly to the absence of I. A. students.

6. The authorities cannot be accused of extravagance in the matter of buildings. Thirty years ago when any abandoned bungalow or set of decaying godowns was thought good enough for educational work, Patna College might compare favourably with other places. But the rooms are ill lighted and badly defended from the sun. The room over the porch receives the direct rays of the sun most of the day and in other rooms there is an unpleasant glare reflected from the verandah. Small rooms for tutorial purposes have been made by enclosing verandahs on the north with venetians and glass but it is impossible to exclude rain and dust or to use pankhas in them with convenience. The room used as a library is quite inadequate. The fullest use has been made of the space, and the books up in the gallery are almost inaccessible to the students. The door ways opening on to the verandahs are filled up and other almirahs have been erected outside. The temporary laboratories opened in 1915 were intended to last two or three years and are likely soon to fall down.

7. The Library grant has been raised to Rs. 4000 during the year 1922-23. There is no room for new books, but some could be found if any one had time and courage enough to weed out and destroy a large quantity of obsolete stuff riddled with worm holes. It would be necessary at the same time to start a regular campaign against the boring insects which are the curse of libraries in India. There is, however, no space in which to bestow the books while the almirahs are cleaned out and fumigated. In addition to the general library there are special ones in each subject kept in the seminar rooms and these seem to be well used.

8. In the list of professors the period of the service in the college shown is misleading. On the one hand past service is omitted if there has been a technical transfer, and on the other long periods of absence are counted as service. e. g. Prof. J. N. Sarkar, who must have been in this college 15 or 20 years, is shown as having served one year and one month but Mr. Jackson is shown as working in the college while he was Vice-Chancellor, Mr. Horne while he was in America, and others while they were going through a University course in England or serving in another Province. The list of changes in the staff is also misleading and makes it appear that the staff is in a perpetual state of flux. Short periods of leave are shown as changes. On the other hand a real replacement is not shown as where Prof. J. N. Sarkar came from Cuttack to officiate in the place of Mr. W. Owston Smith. In some other cases there are inaccuracies in the forms.

9. The Old Boys Association was re-started in 1924. About 50 members have joined. Prof. K. N. Banerjee is the present Secretary. It should serve to increase interest in the college among the alumni, the parents of the present students and the general public. Such associations elsewhere have sometimes become hostile to a college and to its staff, but that is not likely to be the case here.

10. The number of lectures given in the M. A. classes varies from 6 lectures and one tutorial in Persian in the VI year to 16 periods each student in Sanskrit. This is partly due to the comparative difficulty and sub-division into branches of the Sanskrit course and partly to the small number of the teachers of Persian. In other subjects the number of periods is from 8 to 13 each student. The History students seem to get fewer lectures ( V year 8, VI year 9 ) than those who take English or Economics. The number of honours

students is small in all subjects except English. It is necessary sometimes to use the seminar library rooms for lectures but as far as possible they are left free for readers. The percentage of passes in most subjects is high.

11. Patna College is fortunate in having men on its staff, who can take independent charge of societies and other branches of work whereas in some places everything depends on the Principal. The Chanakya Society has a long record of useful work behind it. Mr. Horne became President when he ceased to be Principal and the Society seems to be working regularly. The Debating Society now has Mr. Hamilton as its president. It met regularly during 1923 and 1924 and can be made a very useful agency. There is a third Society formerly archeological but now semi-historical which seems to have fallen between two stools. There is room in Patna College for a good Historical Society but it is difficult to combine the two subjects. The students cannot carry on such a Society without guidance. The Society has recently been reconstructed by the senior Professor of History.

12. The Hostels are full, though the accommodation provided for Mussalmans has generally proved more than necessary. A comparatively small number of students live outside with guardians. There are two (or three) committees of members of the staff formed to inspect outside residences and to gather information about students. These are on communal lines :—Muhammadan, Bihari Hindu and Bengali. They seem to work very well and the report of the Muslim Committee shows careful attention to the work. This matter seems to be better managed than in most places. The sanitation of the Hostels appeared to be satisfactory. There are 4 students in each of the large rooms but there are many single rooms. The system of appointing prefects has been found to work well. There were some broken windows in the Hindu Hostel. This is usually the case. Students are very careless unless strictly watched. Also it seems that the P. W. D. leave the windows unattended for years. Either they should provide for windows in annual repairs or the Hostel authorities should be in a position themselves to have the windows mended. Most of the beds have been provided with mosquito poles. The Muslim hostel is about to be enlarged.

13. Drill is compulsory and in addition to this the gymnasium is kept open for voluntary exercise in the evening. There is a regular routine of games. The playing fields are hardly sufficient in number but are in good condition.

14. On the whole the work of the college is satisfactory but it cannot go on much longer in the present buildings. The intention formed more than 11 years ago to remove the college to another place has prevented improvements and enlargements on the present site. The adjoining land which could easily have been acquired 10 years ago has been taken for other purposes public and private. The situation however must be faced as quickly as possible. It is not economic to have an expensive staff in unsuitable buildings. Very small M. A. and M. Sc. classes also are un-economic. It is a pity where there are competent and highly paid lecturers a larger number of genuine students is not forthcoming to profit by their teachings.

15. The laboratory buildings neither provide sufficient accommodation nor are fit for housing such valuable apparatus. The plaster often comes down in places and the roofs leak incessantly during the rains. The I. Sc., practical

classes in Chemistry are held in a dark and ill-ventilated room in the main college buildings. It is rather comic to see students taking readings and doing experiments with the help of electric lights while the sun is brilliantly shining outside. The Seminar Library room of the Chemical Laboratory has several apparatus almirahts which have made the room dark. Moreover the room is used as a passage. The atmosphere is anything but congenial for seminar or any other kind of work. It is high time that new, commodious laboratories should be built.

16. The Physical Laboratory has not a proper store-room where apparatus can be stored when it is not in use. A good deal of apparatus seemed to be lying scattered over the whole laboratory, and although a store-room is an urgent necessity, it could be better looked after if the instrument-keeper were a little more energetic.

17. Direct current is supplied to the laboratories by one Engine and Dynamo and the set has been running continually for the last ten years. Since the town supply is now available, the necessary equipment for converting it for the requirements of the laboratories should be obtained as soon as possible.

18. Experiments on ionization are being carried on under difficulties. There is no means of obtaining steady high D. C. potentials for such work. Besides, a certain amount of work is being done on Wireless and X-rays and the Laboratory is not fully equipped for this kind of work. The college is admitted up to the highest degree of the University and it is desirable that the Laboratory should be as fully equipped as possible.

19. The Chemical Laboratory has only one lecture-theatre and only one lecture assistant. It often happens that one experimental lecture is followed by another. In the case of Chemistry where experimental lectures require preparation some time before the experiments are actually shown to the students, it is difficult for one lecture-assistant to cope with the work. The question of appointing a second lecture-assistant should be considered.

#### SUMMARY OF RECOMMENDATIONS.

- (a) The question of reorganizing the library should be taken up.
- (b) New laboratories should be built.
- (c) The equipment necessary before the town supply can be used to meet the requirements of the laboratories should be obtained.
- (d) It is desirable to obtain complete equipment for (i) steady high D. C. potentials for ionization work. (ii) Wireless Telegraphy and (iii) X-ray work.
- (e) The question of appointing a second lecture-assistant for the Chemical Laboratory should be considered.

**INSPECTION OF ARTS AND SCIENCE COLLEGES.**

The following information is required for the use of the Inspectors at the time of their inspection of a college, *and should be prepared shortly before the date fixed for the inspection.*

1.	Number of meetings of the Governing Body last session.....	12
	This session (up to date).....	2
2	Number of meetings of the College Council last session.....	1
	This session (up to date).....	1
3	A return of income and expenditure in attached Form A. Enclosed.	
4	A return for the College Library in attached Form B.     „	
5	Particulars of expenditure on Science in attached Form C.     „	
6	A complete return of the teaching staff in attached Form D.     „	
7.	Particulars as to changes in the teaching staff since the date of the last inspection in attached Form E. Enclosed.	
8.	A copy of the College routine	
9.	A detailed return of the weekly curriculum in all subjects in attached Form F. Enclosed.	
10.	Number of students on the rolls at beginning of last session.....	475
	at the end „ „ „ .....	417
	at beginning of this session.....	493
11.	A return of the College results in the last I. A., I. Sc., B. A. and B. Sc. Examinations in attached Form G. Enclosed.	
12.	Particulars of residence of all students at date of inspection:—	
	Number living in college hostel.....	131
	„     „     in Government messes.....	94
	„     „     in unattached messes.....	nil
	„     „     with their parents.....	64
	„     „     with local guardians.....	178

## FORM A.

Return of *Income and Expenditure* for the last financial year.

INCOME.		EXPENDITURE.	
Principal heads.	Rs.	Principal heads.	Rs.
Opening Balance	...	Pay of Teaching Staff	2,26,94
Fees including Mohsin aid	436.0	" Clerks and Mechanics	711
Provincial Revenues including Hostel Superintendent allowances	2,44,577	" Menial Servants	6380
Receipts from Endowments	1489	Laboratory Apparatus & Chemicals	1,000
Scholarship Government	13861	Library Books and periodicals	6049
" Private	107	Scholarships	15457
Laboratory Breakage	280	Contingencies	20,891
Hostel Seat Rent	1026	Allowance to Hostel Superintendent	1435
Receipt from University Fees Fund for History & Economic Books.	1054	Travelling Allowances	2994
		Aid to Poor Boys	400
		CLOSING BALANCE	
TOTAL Rs. ...	3,06,614	TOTAL Rs. ...	3,06,614

N. B.—The opening and closing balances, corresponding to the financial year, and all receipts and expenditure from special grants during the financial year should be included in these accounts.



**FORM B.**

*Return for the College Library.*

1. Total Number of volumes in Library at date of inspection 16,042.

2. Number of volumes added to the Library last session, subject, by subject:—

Subject.	No.	Amount Spent.		
		Rs.	A.	P.
English ...	71	436	7	...
History ...	58	912	10	11
Economics ...	88	603	9	10
Philosophy ...	45	303	6	7
Sanskrit and Hindi ...	91	296	7	1
Persian &c. ...	109	590	11	9
Mathematics ...	47	452	12	8
Physics ...	45	470	8	...
Chemistry ...	41	410	13	4
Bengali ...	74	75	1	...
Biography ...	15	Met out of History and English grant shown above.		
Fiction ...	43	Met out of English grant shown above.		
Reference ...	13	235	10	10
Anthropology etc. ...	1	Met out of History grant shown above.		
<b>TOTAL</b> ...	...	...	...	...

3. No. of books borrowed by students during last session :—

1st year 444, 2nd year 183, 3rd year 1223, 4th year 517, 5th year 1018,  
6th year 827.

4. List of periodicals subscribed to :

- ( a ) General :—List Enclosed.
- ( b ) Scientific :—List Enclosed.
- ( c ) For Staff Common-room.
- ( d ) For Students' Common-room.

( a ) *General* :—

1. Economic Journal.
2. Political Science Quarterly.
3. Journal of the Royal Statistical Society.
4. The Economist.
5. The Quarterly Journal of Economics.
6. The Indian Journal of Economics.
7. Capital.
8. Federal Reserve Bulletin.

1. English Historical Review.
2. Indian Antiquary.
3. Epigraphia Indica.
4. Journal of the Royal Asiatic Society and Great Britain and Ireland.
5. Journal Britain Bengal.
6. American Historical Review.
7. History.
8. Revue des Deux, Mondes.
9. Journal of Indian History.
10. Transactions of the Royal Historical Society.

1. Empire Review.
2. Poetry Review.
3. Times Literary Supplement.

1. International Journal of Ethics.
2. British Journal of Psychology.
3. Mind.

1. Pandit.
2. Choukhanba Sankrit Series.
3. Journal Asiatique.
4. Journal of the American Oriental Society.

( b ) *Scientific* :—

1. American Journal of Science.
2. Astrophysical Journal.
3. Electrician.
4. Nature.
5. Philosophical Magazine.
6. Physical Review.
7. Science Abstracts, Section A.
8. Terrestrial magnetism and atmospheric Electricity.
9. Journal of the Royal meteorological Society.
10. Report on the British Association on the Advancement of Science.
11. Proceedings of the London Physical Society
12. Proceedings and Transactions of the Cambridge Philosophical Society.
13. Proceedings and Transactions of the Royal Society of Edinburgh.

14. Philosophical Transaction of the Royal Society (A)
  15. Proceedings of the Royal Society ( $\Delta$ )
  16. Annalen der Physik
  17. Jahrtuch der Radioaktivat.
  18. Physikalische zeitschrift.
  19. Comptes Rendus
  20. Le Journal de Physipue et la Radium
  21. Collected Researches of the National Physical Laboratory.
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1. Analyst.
  2. Chemical News.
  3. Journal of the Chemical Society
  4. Chemistry and Industry.
  5. Journal of Physical Chemistry.
  6. Journal of the American Chemical Society
  7. Pharmaceutical Journal and Pharmacist.
  8. Science Progress.
  9. Transaction of the Faraday Society.
  10. Annual Reports of the Chemical Society.
  11. Berichte der Denutschen Chemishchen Gessellschaft.
  12. Bulletin de la Society Chimique de France.
  13. Leibig's Annalen der chemic..
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1. Journal de mathematics puries et Appliques.
2. Proceeding of the London Mathematical Society
3. Quarterly Journal of Mathematics.
4. Messenger of Mathematics

**FORM B.**

*Return for the College Common Rooms.*

1. Total Number of volumes in Library at date of inspection.....402.
2. Number of volumes added to the Library last session, subject by subject :—

Subject	No.	Amount spent.
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Totals.....

3. No. of books borrowed, by students during last session :—

1st year 21 ; 2nd year 15 ; 3rd year 33 ; 4th year ; 30 ; 5th year 35 ;  
6th year 23—

4. List of periodicals subscribed to :—

( a ) General :

( b ) Scientific :

( c ) For Staff Common-room :

( d ) For Students' Common-room.

- |  |                               |
|--|-------------------------------|
| 1. Englishman.                         | 8. Mash's Pall Mall Magazine. |
| 2. Times of India, Illustrated Weekly. | 9. Round Table.               |
| 3. Tit-Bits.                           | 10. Hindustani Review.        |
| 4. Indian Review.                      | 11. Bharat-varsha.            |
| 5. Calcutta Review.                    | 12. Bharti.                   |
| 6. Ninteenth Century & after.          | 13. Moarif.                   |
| 7. Strand Magazine.                    | 14. Zamana.                   |
|  | 15. Madhuri.                  |

## FORM C.

*Abstract of Expenditure on Science ( Physics Dept. )*

ANNUAL GRANT,				Rs.	A.	P.
Apparatus and Chemicals ...	...	...	...	6000	0	0
Contingent ...	...	...	...	3000	0	0
			Total ...	9000	0	0

EXPENDITURE,				Rs.	A.	P.
Chemicals ...	...	...	...	581	15	0
Apparatus ...	...	...	...	4978	10	5
Workshop ...	...	...	...	1358	10	10
			Total ...	6919	4	3

## FIRMS DEALT WITH.

Name of Firm.	Cost of Goods supplied.		
	Rs.	A.	P.
W. Leslie & Co, Calcutta ...	217	1	0
F. E. Becker & Co, London ...	1930	4	4
George Adams, London ...	923	9	10
Medical Supply Association Ltd., London ...	465	14	7
Adair Dutt & Co, Ltd., London and Calcutta ...	3042	8	0
Watson & Sons London ...	270	8	6
Bengal Chemical & Pharmaceutical Works Calcutta	58	12	0
Houghton-Butcher (Eastern) Ltd. ...	10	10	0

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*N. B.—Indents must be ready for inspection.*

## FORM C

*Abstract of Expenditure on Science (Chemistry Dept.)*

## ANNUAL GRANT.

				Rs.	A.	P.
Apparatus and Chemicals ...	...	...	...	6000	0	0
Contingent ...	...	...	...	3000	0	0
			Total ...	9000	0	0

## EXPENDITURE.

				Rs.	A.	P.
Chemicals ...	...	...	...	1964	7	0
Apparatus ...	...	...	...	5619	13	0
Workshop ...	...	...	...	420	13	0
Gas, Distill Water &c. ...	...	...	...	994	14	0
			Total ...	9000	0	0

## FIRMS DEALT WITH.

Name of Firm.	Cost of Goods supplied.	Rs.	A.	P.
Foreign—Messrs. Baird & Tatlock ...	...	2808	14	1
„ A. Gallen Kamp & Co. ...	...	1150	10	3
„ F. E. Becker ...	...	273	0	4
„ Arthur & Thomas & Co. ...	...	291	6	10
The British Drug Houses ...	...	1378	12	4
Indian—Messrs D. Waldie & Co. ...	...	133	6	6
Bengal Chemical & Pharmaceutical Works ...	...	284	3	6
The Scientific Instrument & Co. ...	...	274	10	0
The General Electric & Co. ...	...	85	10	0
Bengal Scientific Apparatus & Minerals Co. ...	...	162	12	0
Messrs Mansfield & Sons ...	...	307	14	0
Light Foot Repenguation ...	...	22	13	0
Messrs Leslie & Co. ...	...	372	7	6
„ T. E. Thomson ...	...	29	2	0
„ Lily & Co. ...	...	95	13	0
„ Newman & Co. ...	...	10	12	0
Laboratory Stores & Agency ...	...	108	4	6
Permutile Works ...	...	27	7	0
Abingdon Tool ...	...	16	5	1
Bengal Aid ...	...	163	1	0

*N. B.—Indents must be ready for inspection.*

## FORM D.

Return of the pay, qualifications, etc. of the Teaching Staff.

Name.	Post, Academic qualifications (Degree, Class and Year).	Period of Service in this College (Years and Months)		Pay.	Remarks.
		Y.	M.		
Mr. V. H. Jackson, Principal.	M.A. (Oxon) 1903.	18	3	2000	Principal's allowance Rs. 250 Free House.
Dr. K. S. Caldwell, Professor of Chemistry.	M.A., Ph.D., Leipzig 1906.	14	0	1700	Warden Md. Hostel. Free House. Chemical Advisor to Govt. of B. & O. on a monthly allowance of Rs. 300.
Mr. E.A. Horne, Professor of Economics.	M.A. (St. Andrews University) First Class Hons. in Ancient Modern History 1903.	11	9	1700	Also in charge of Chanakya Society & Economic Seminar Library. Warden Hindu Hostel. Free House.
Mr. J. S. Armour, Professor of English.	M.A. Honours in English 1st class (Glasgow) 1910.	10	2	1250	Also in charge of College Library & English Seminar Library.
Mr. Jadu Nath Sarkar, Professor of History.	M.A (Cal.) 1st class 1892. Prem Chand Rai Chand Scholar 1897.	1	1	1250	Also in charge of History, Seminar Library & Historical & Archaeological Society.
Mr. Asutosh Mukharjee, Professor of Physics.	M.A. (Cal.) 2nd class 1908.	15	5	850	Also in charge of Physical Society, Electrical Work & correspondence regarding apparatus.
Mr. G. S. Bhate, Professor of History.	M.A. Honours in History and Political Science 2nd class (Edinburgh) 1905.	5	5	750	
Mr. D. Auchterlonie, Professor of English.	M.A. (Aberdeen) 2nd class Hons. in Philosophy 1905	5	10	900	
Mr. C. J. Hamilton, Professor of Economics.	M.A. (Cambridge) 1st class Moral Science Tripos 1901	5	2	1450	
Mr. A. S. Khan, Professor of Chemistry.	M. Sc. (Victoria) 1917.	12	6	750	Also in charge of Chemical Society.
Mr. K. Prasad, Professor of Physics.	M. Sc. (Cal.) 1913, 1st class, B.A., Tripos Natural Science 1st class (Cambridge) 1918.	5	1	800	Also in charge of Athletic Club, Experimental Work Inoptics Radio-activity and High Vacuum.

## FORM D.

Return of the pay, qualifications, etc, of the Teaching Staff.

Name.	Post, Academic qualification (Degree, Class and Years).	Period of Service in this College (Years and Months).		Pay.	Remarks.
		Y.	M.		
Rai Sahab Asutosh Chatterjee, Professor of Mathematics.	M.A. (Cal) 1st class 1897.	16	6	Rs 800	Also in charge of Mathematics Seminar Library. Acting in I.E.S.
Babu Jyotish Chandra Banerjee, Professor of English.	M.A. (Cal) 1st class 1889	20	2	800	Also in charge of College Magazine.
Pandey Ramavatar Sarma Sahityacharya, Professor of Sanskrit.	M.A. (Cal) 1st Class 1901 Sahityacharya 1st class 1897.	18	10	680	Also in charge of Sanskrit Seminar Library.
Dr. Azimuddin Ahmad, Professor of Persian.	Ph. D. Leipzig.	4	5	640	Also in charge of Persian Seminar Library.
B. Jogendra Nath Samaddar	B. A. (Cal) 1913.	12	5	500	Also in charge of Furniture & Examination Fund.
Moulvi Abdul Qadir, Professor of Persian & Arabic	M. A. (All) 1st class 1913	0	10	410	
Babu Niranjan Nayogi, Professor of English.	M. A. (Cal.) 1st class 1905	10	10	370	Also in charge of Common Room.
Babu Radha Krishna Jha, Professor of Economics.	M. A. (Cal) 2nd class 1912	11	5	410	Also in charge of Moores Poor Boys Library
Babu Charu Chandra Singh, Professor of Philosophy.	M. A. (Cal.) 3rd class 1908	9	4	410	
Dr. A. P. Banerjee Sastri, Professor of Sanskrit.	M. A. (Cal.) 1st class 1917, Shastri 1917, Doctor of Philosophy (Oxford) 1922, Framed at Berlin and Paris.	0	6	350	
Dr. R. C. Roy, Professor of Chemistry.	M. Sc. (Cal.) 2nd class 1911 D. Sc. London 1923.	9	11	410	
Babu Kumar Nath Banerjee, Professor of Physics.	M. Sc. (Cal.) 1st class 1913	10	5	330	Also in charge of Old Boys Association Supdt. Hd. Hostel Allowance Rs. 70 p. m. free quarters, Lectures on Geometrical Optics, when necessary to M. Sc. Students & in charge of B. Sc. Pass Note Books.



## FORM D.

Return of the pay, qualifications etc. of the Teaching Staff.

Name.	Post, Academic qualifications (Degree, Class and Years.	Period of Service in this College (Years and Months.		Pay.	Remarks.
		Y.	M		
Babu Pramatha Nath Das Gupta, Professor of Mathematics.	M. Sc (Cal) 1st class 1914	11	0	330	Also in charge of Annual, Test, and Periodical Mark. Supdt. Govt. Mess Registers. Allowance Rs. 40 p.m.
B. Sarat Chandra Ghosal, Professor of Philosophy.	M. A. (Cal.) 2nd class 1915	10	0	330	Supdt. Govt. Mess Allowance Rs. 55 p. m.
B Chandra Bhushan Roy, Professor of Chemistry.	M. A (Cal.) 3rd class 1911	16	5	330	
B. Kesho Dayal, Professor of Physics.	M. Sc. (Cal) 2nd class 1913	10	2	330	In charge I. Sc. Note Book (Part).
Babu Panna Lal, Demonstrator in Chemistry.	M. Sc. (All.) 1st class 1913	8	5	240	In charge of Correspondence of Apparatus & Chemicals.
Maulvi A. N. Md. Ali Hasan, Lecturer in Persian and Arabic.	M. A. (Cal) 1st class 1915	8	5	240	Supdt. Mdn. Hostel Allowance Rs. 30 p. m. free quarters
Babu Narain Mohan De, Lecturer in English.	M. A. (Cal.) 2nd class 1916	5	11	240	Supdt. Govt. Mess Allowance Rs. 30 p. m.
Pandit Deva Dutta Tripathi, Lecturer in Sanskrit.	Kavyatirtha & Entrance.	11	3	180	
Babu Suryya Kanta Mitra, Demonstrator in Physics.	M. Sc. (Cal.) 2nd class 1920	11	3	180	In charge of Stores Electrical Equipment, I. Sc. Note, Book (Part).
Babu Mohit Mohan Sen Gupta, Demonstrator in Physics.	M. Sc. (Cal.) 1st class 1919	4	1	180	
Babu Kartik Nath Pandey, Lecturer in Mathematics.	M. A. (Cal) 1st class 1920	3	4	150	Acts in B. & O. E. S. Supdt. Govt. Mess Allowance Rs. 30 p. m.
Babu Shishir Kumar Guha, Acting Demonstrator in Chemistry,	M. Sc. (Dacca) 2nd class 1923.	1	1	150	
Babu Banshidhar Ghose, Officiating Lecturer in Mathematics.	M. A. (Cal.) 1st class 1919	0	2	150	

## FORM D.

Return of the pay, qualifications, etc. of the Teaching Staff.

Name.	Post, Academic qualifications (Degree, Class and Year).	Period of Service in this College (Years and Months)		Pay. Rs.	Remarks.
		Y.	M.		
Babu Sachindra Narain Chatterji.	Joint Technical Board Examination of Bengal 1909.	4	5	108	
Babu Tej Chandra Chatterji.	B. Sc. (Cal.) 1920.	4	0	80	
Babu Nagendra Nath Kar	B. Sc. (Cal) 1917.	3	9	80	
Babu Raj Narain Lal.	B. Sc. (Patna) 1922..	1	3	75	

## FORM E.

Particulars as to *changes in the teaching staff* since the date of the last inspection

Name of officer relieved (and post which he held.)	Date of his leaving.	Reason for his leaving.	Name of relieving officer.	Date of his joining.
Pandit Braja Bhushan Mishra offg. Lecturer in Sanskrit.	30-3-1922	Return of Permanent incumbent.	P. Ramavatar Sarma	30-3-1922
Mr. L. Tipping, offg. Principal	17-7-1922	Long Leave.	Mr. W. W. T. Moore	17-7-1922
Mr. W.W. T. Moore, Professor of Mathematics.	17-7-1922	Deputation.	B. Banshidhar Ghose	17-7-1922
...	...	...	B. Sharatchandra Ghosal	17-7-1922
Babu Panna Lal, Demonstrator in Chemistry.	17-7-1922	Leave.	B. Januna Prasad	17-7-1922
Babu Narain Mohan Das, offg. Professor of English.	23-7-1922	Do.	B. Sudhir Kumar Gunguly	4-8-1922
Babu Baldeva Sahai, offg. Lecturer in English.	29-7-1922	...	...	...
...	...	...	B. Baldeva Sahai	21-8-1922
Mr. W. W. T. Moore, offg. Principal.	13-11-1922	Reversion.	Mr. E. A. Horne	13-11-1922
Babu Banshidhar Ghose offg. Professor of Mathematics.	13-11-1922	Do.	Mr. W.W.T. Moore	13-11-1922
M.A.N.M. Ali Hasan, Lecturer in Persian.	28-11-1922	Leave.	...	...
...	...	...	M.A.N.M. Ali Hasan	10-12-1922
Mr. C. J. Hamilton, Professor of Economics.	15-12-1922	Leave.	...	...
B. Chandra Bhushan Roy, Professor of Chemistry.	2-1-1923	Leave.	B. Nandipati Mukherji	2-1-1923
B. Amarendra Nath Banerjee, offg. Asst. Chl. Lab.	2-1-1923	Reversion.	...	...
B. Sawalia Behari Lal Varma, offg. Professor of Economics	15-1-1923	Leave.	...	...
...	...	...	B. Sawalia Behari Lal Varma	3-2-1923
B. Nandipati Mukherjee, offg. Demonstrator in Chemistry.	2-4-1923	Return of Permanent incumbent.	B. Chandra Bhushan Roy	2-4-1923
B. Sawalia Behari Lal Verma, offg. Professor of Economics.	1-5-1923	Do.	B. Radhakrishna Jha	9-7-1923
...	...	...	Mr. C J Hamilton	9-7-1923
Mr. J.S. Armour, Professor of English.	9-7-1923	Leave.	B. Chittatosh Mitra	13-8-1923
Mr. W. Owston Smith, Professor of History.	9-7-1923	Do.	...	...
B. Tarak Das Ghose	23-7-1923	Leave.	B. Baleshwar Prasad	31-7-1923
...	...	...	B. Nageshwar Prasad	23-7-1923
K. B. M. Md. Yasin, Professor of Persian.	9-8-1923	Leave.	M. Md. Muslim	9-8-1923
B. Jogindra Nath Ghose, offg. Professor of Chemistry.	23-8-1923	Leave & deputation	Dr. R. C Roy	1-9-1923

N. B.—Give particulars also of any posts which may have been created, and how they have been filled,

## FORM E.

Particulars as to *changes in the teaching staff* since the date of the last inspection.

Name of officer relieved (and post which he held)	Date of his leaving	Reason for his leaving	Name of relieving officer	Date of his joining
B. Baleshwar Prasad, offg. Demonstrator in Chemistry.	15-9-1923	Leave afterwards services dispensed with	B. Sishir Kumar Guha	1-12-1923
M. Md. Muslim, offg. Lecturer in Persian.	8-10-1923	Return of P. incumbent	K B M. Md. Yasin.	8-10-1923
...	...	...	Mr J.N. Sarkar	12-10-1923
Mr. W.W.T. Moore, Professor of Mathematics.	10-11-1923	Deputation to G. B B. College	Mr D.N. Sen	10-11-1923
Mr. D. Auchterlonie, Professor of English.	17-12-1923	Leave.	Mr. J.S. Armour	17-12-1923
B. Baldeva Sahai, offg. Lecturer in English	11-12-1923	Reversion.	B. Niranjan Neyogi.	11-12-1923
K B M. Md. Yasin, Professor of Persian.	16-12-1923	Retired	M A. Kadir	18-2-1923
B Surendra Nath Majumdar Shastri, Professor of Sanskrit	15-7-1924	Transfer.	Dr. A. P. Banerjee Shastri	7-7-1924
Mr. D.N. Sen, offg. Professor of Mathematics.	5-8-1924	Resignation.	B. Banshidhar Ghose	5-8-1924
B. Chittatosh Mitra, offg. Professor of English.	30-9-1924	Return of P. incumbent	Mr D. Auchterlonie	30-10-1924
Mr. H.R. Batheja, Professor of Economics.	2-10-1924	Leave	Mr. E.A. Horne	2-10-1924
Mr. E.A. Horne, offg. Principal	2-10-1924	Reversion	Mr. V. H. Jackson	2-10-1924
B. Banshidhar Ghose, offg. Lecturer in Mathematic.	30-9-1924	Do.	Mr. W.W.T. Moore	30-10-1924
Mr. W.W.T. Moore, Professor of Mathematics.	31-10-1924	Leave	B. Banshidhar Ghose	3-11-1924
R. S. Asutosh Chatterjee, Professor of Mathematics.	25-11-1924	Leave	...	...
Mr. A.T. Mukherjee, Professor of Physics	2-1-1924	Leave	...	...

N. B.—Give particulars also of any posts which may have been created, and how they have been filled

Days.	...	10-11		11-12		12-1		1-2		2-3	
		Lectures.	Tutorials.	Lectures.	Tutorials.	Lectures.	Tutorials.	Lectures.	Tutorials.	Lectures.	Tutorials.
Monday...	III	Hons. Tut. Math.	...	Econ. Phil.	Maths. 6, 7	English.	...	Hist. Maths.	Econ. 4, 5 Phil. 5	Classics.	Eng. 1 Hist. 2 Econ. 3
	IV	Hons.	...	Hist. Maths.	Sans. 3, Pers. 4	Classics.	Eng 1 Hist. 2	Econ. Phil.	Eng. 6	English.	...
Tuesday...	III	Hons. Tut. Maths. 1	...	Hist. Maths.	Sans. 4, 5 Pers. 4, 5	Classics.	Hist. 1 Econ. 2 Eng 3	Econ. Phil.	Eng. 7 Hist. 6	...	Arabic 5, 7
	IV	Hons.	...	Econ. Phil.	Hist. 5	English.	...	Hist. Maths.	Eng. 4 Econ. 3	...	Maths. 2, 7 Phil. 2, 7
Wednesday	III	Hons.	...	English.	...	Hist. Maths.	Eng. 5	Econ. Phil.	Sans. 6 Pers. 7	...	...
	IV	Hons.	...	Classics.	Eng. 2 Hist. 1	Econ. Phil.	Pers. 5	Hist. Maths.	Phil. 4	...	Sans. 4, 6, 7 Pers. 6, 7 Arabic 4, 7
Thursday	III	Hons.	...	Classics.	Maths. 3 Phil. 3	English.	...	Hist. Maths.	Eng. 4	Econ. Phil.	...
	IV	Hons. Tut. Maths 1	...	English.	...	Classics.	Econ. 2	Tut. Math. Econ. Phil.	Eng. 5 Hist. 6, 7	...	Eng. 7
Friday ...	III	Classics. Tut. Maths. 2	Econ. 1 Eng. 2 Hist. 3	English	...	Hindi. Bengali. Oriya.	...	Econ. Phil.	Eng. 6 Hist. 7	...	...
	IV	English. Hon. Math	...	Classics.	Econ. 1	Hindi. Bengali. Oriya.	...	Hist. Maths.	Eng. 3 Econ. 4	Econ. Phil.	...
Saturday	III	...	Hons.	English.	...	Econ. Phil.	...	Urdu.	...	...	...
	IV	...	Hons.	Hon. Math Econ. Phil.	...	English.	...	Hon Math Urdu.	...	...	...

*Science Routine with effect from 30-10-24.*

Days.	10—11	11—12	12—1	1—2	3—4	3—4
Monday ...	II. Tut. Eng. Math III. Tut. Math. III. Hon. Math. IV. Chemistry	I. English. II. Math. III. Tut. Math. and Hon. Sc IV. Math.	I. Physics II. English III. Chemistry IV. Physics	I. Math. II. Chem. III. Math. IV. Pract Phys.	I. Pract. Chem. II. Phys. III. Pract. Chem. IV. Pract. Phys.	I. Pract. Chem. III. Pract. Chem. IV. Pract. Phys.
Tuesday ...	I. Tut. English. II. English. III. Hon. Math. III. Tut. Math Sc. IV. Hon. Math.	I. English. II. Pract. Chem. III. Math. IV. Physics	I. Tut. Eng. and Math. II. Pract. Chem. III. Chemistry. IV. Hon. Sc. Tut. Phys	I. Chemistry II. Physics. III. Hon Phys. IV. Math.	I. Pract Chem. I. Tut. Eng & Math. II. Pract. Phys. III. Physics. IV. Chem.	I. Pract. Chem. II. Pract. Phys. IV. Tut. Phys.
Wednesday ...	I. Chemistry II. Tut. Eng. & Math III. Hon. Math. IV. Hon. Math.	I. English II. Math. III. Phys. IV. Chem.	I. Physics. II. English III. Math. IV. Phys.	I. Math. II. Chem. III. Pract. Phys. IV. Math.	I. Pract. Phys. I. Pract Chem. II. Tut. Eng. & Math III. Pract. Phys. IV. Pract. Chem.	I. Pract. Phys. II. Pract. Chem. III. Pract. Phys. IV. Pract. Chem.
Thursday ...	I. Tut. Eng. & Math II. Hon. Math. III. Hon. Math. IV. Tut. Maths. S1.	I. English II. Math. III. Chemistry. IV. Physics	I. Math. II. Phys. III. Phys. IV. Chem.	I. Chem. II. Eng. III. Math. IV. Hon Phys and Chem IV. Tut. Math.	I. Phys. II. Chem III. Pract. Chem. IV. Pract. Phys.	III. Pract. Chem. IV. Pract. Phys.
Friday ...	I. Pract. Phys. II. Tut. Maths S2 III. Hon. Math.	I. Pract Chem. I. Tut Eng. II. Pract Phys. III. Phys. IV. Chem.	I. Pract. Chem. I. Tut. Math. II. Tut. Phys	I. Phys. II. Chem III. Pract Phys. IV. Math.	I. Chem. II. Pract Chem. III. Pract Phys. IV. Pract Chem.	II. Pract Chem. III. Chem. IV. Pract. Chem.
Saturday ...	I. Tut. Math. II. English III. Hon. Math. Tut III. Hon. Pract Sc. IV. Hon. Tut. Math IV. Hon. Pract. Sc	I. English II. Math. III. Hon. Pract. Sc. IV. Hon. Pract. Sc. V. Hon. Math.	I. Mathematics II. Physics. III. Hon Sc Lect. IV. Hon Pract Se.	I. Vernacular II. Vernacular III. Hon. Pract. IV. Hon. Sc. Lect IV. Hon. Math.	I. Pract. Phys. II. Pract Chem. III. Hon. Pract. Sc IV. Hon. Pract. Sc	I. Pract. Phys. II. Pract. Chem. III. Hon. Pract. Sc. IV. Hon. Pract. Sc.

## FORM F.

*A detailed return of Weekly Curriculum in all subjects.*

Class.	Name of Teachers.	No. of Lecture.	No. of Tutorial or Practical Periods	No. of Students in Class.	No. of Tutorial or Practical Batches.	REMARKS.
<b>ENGLISH.</b>						
6th Year	Mr. J. S. Armour Mr. D. Auchterlonie B. Jyotish Chandra Banerjee. B. Niranjana Neyogi	3* 3* 2+2* 2	5	24		Tutorials are done individually or in batches as arranged.
5th Year	Mr. J. S. Armour Mr. J. S. Armour Mr. D. Auchterlonie B. Jyotish Chandra Banerjee.	3* 2 2+3* 2*	...	25	5	
4th Year Hons.	Mr. J. S. Armour B. Jyotish Chandra Banerjee.	2* 2*	...	14	1	
4th Year Pass.	B. Jyotish Chandra Banerjee. B. Niranjana Neyogi B. Narain Mohan De	3 2 ...	4 2 1	(a) 97	7	(a) Includes H o n s Students.
3rd Year Hons.	Mr. J. S. Armour B. Jyotish Chandra Banerjee. B. Niranjana Neyogi	2* 2* ...	...	34	1	
3rd Year Pass.	Mr. J. S. Armour B. Niranjana Neyogi B. Narain Mohan De	2 1 2	...	(b) 95	7	(b) Includes H o n s Students.
2nd Year	Mr. D. Auchterlonie B. Niranjana Neyogi B. Narain Mohan De	2 2 1	...	50	4	
1st Year	Mr. D. Auchterlonie B. Niranjana Neyogi B. Narain Mohan De	2 ... 3	...	50	4	
<b>HISTORY.</b>						
6th Year	Mr. J. N. Sarkar Mr. G. S. Bhate	2+2* 3+2*	1 1+1	10		
5th Year	Mr. J. N. Sarkar Mr. G. S. Bhate	2+2* 2+2*	...	12	1	
4th Year Hons.	Mr. J. N. Sarkar	2	...	3		
4th Year	Mr. J. N. Sarkar Mr. G. S. Bhate B. Jogendra Nath Samad-dar	1 2 ...	...	(a) 56	4	(a) Includes H o n s Students

The asterisks indicate lecture and tutorial given 5th and 6th, 3rd and 4th year classes.

Class.	Name of teachers.	No. of Lecture.	No. of tutorial or Practical periods.	No. of Students in Class.	No. of tutorial or practical batches.	REMARKS.
		<b>HISTORY.</b>				
3rd Year Hons.	Mr. J. N. Sarkar Mr. G. S. Bhate	4 3	...	11		
3rd Year Pass	Mr. J. N. Sarkar B. Jogindra Nath Samad- dar.	1 3	...	(b) 58	5	(b) Includes H o n s. Students.
		<b>ECONOMICS.</b>				
6th Year	Mr. E. A. Horne Mr. C. J. Hamilton B. Radha Krishna Jha	5* 5* 2*	2* 1	5	1	ear. Horne takes each student once, fortnight
5th Year	Mr. E. A. Horne Mr. C. J. Hamilton B. Radha Krishna Jha	5* 5* 2*	2* 1	11	2	
4th Year	Mr. C. J. Hamilton B. Radha Krishna Jha Mr. E. A. Horne	2* 2* 4	1* 1*	13 (a) 49	1 4	(a) Includes H o n s. Students
4th Year	Mr. C. J. Hamilton	2				
3rd Year H o n s .	Mr. C. J. Hamilton B. Radha Krishna Jha	2* 2*	1* 1*	18	1	
3rd Year Pass	Mr. C. J. Hamilton B. Radha Krishna Jha	2 4	4 4	(b) 51	4	(b) Includes H o n s. Students

The asterisk indicate lecture and tutorial given to 5th and 6th, 3rd and 4th year class.



Class.	Name of Teachers.	No of Lecture.	No. of Tutorial or Practical periods.	No. of Students in Class.	No. of Tutorial or Practical batches.	REMARKS.
<b>PHILOSOPHY.</b>						
4th Year Hons.	B a b u Charu Chandra Sinha.	2	...	1	1	
	B a b u Sharat Chandra Ghosal.	2	1			
4th Year Pass	B a b u Charu Chandra Sinha.	4	...	(a) 13	2	(a) Includes H o n s Students.
	B a b u Sharat Chandra Ghosal.	2	2			
3rd Year Hons.	B a b u Charu Chandra Sinha.	2	1	2	1	
	B a b u Sharat Chandra Ghosal.	2				
3rd Year Pass.	B a b u Charu Chandra Sinha.	3		(b) 13	2	(b) Includes H o n s Students.
	B a b u Sharat Chandra Ghosal.	2	2			
<b>SANSKRIT.</b>						
6th Year.	P Ramavatar Sarma	6	...	2		
	Dr. A. P. Banerjee Shastri	5				
	P. Deva Dutta Tripathi	4				
5th Year.	P. Ramavatar Sarma	6	...	3		
	Dr. A. P. Banerjee Shastri	3				
	P. Deva Dutta Tripathi	2				
4th Year Hons.	P. Ramavatar Sarma	1*	...	3		
	Dr. A. P. Banerjee Shastri	2*				
	P. Deva Dutt Tripathi	1 + 1*				
4th Year Pass.	P. Ramavatar Sarma	1	1	(a) 33	3	(a). Includes H o n s Students.
	Dr. A. P. Banerjee Shastri	2				
	P. Deva Dutta Tripathi	1	2			
3rd Year Hons.	P. Ramavatar Sarma	1*	...	5		
	Dr. A. P. Banerjee Shastri	2*				
	P. Deva Dutta Tripathi	1 + 1*				
3rd Year Pass.	P. Ramavatar Sarma	1	1	(b) 25	3	(b) Includes H o n s Students.
	Dr. A. P. Banerjee Shastri	1	1			
	P. Deva Dutta Tripathi	2	1			
<b>PERSIAN AND ARABIC</b>						
6th Year	Dr. A. Ahmad	4	2	2	2	
	M. Abdul Kadir	1				
	M. A. N. Md. Ali Hasan	1				
5th Year	Dr. A. Ahmad	4	2	5	2	
	M. Abdul Kadir	1				
	M. A. N. Md. Ali Hasan	1				

The asterisk indicate lecture and tutorial given to 5th and 6th, 3rd and 4th year class.

Class.	Name of Teachers.	No. of Lecture.	No. of tutorial or Practical Period.	No. of Students in Class.	No. of tutorial or Practical Batches.	REMARKS.
<b>PERSIAN AND ARABIC.</b>						
4th Year ( Hons.	Dr. A. Ahmad M. A. N. Md Ali Hasan	4 ...	... 1	1	1	
4th Year Pass.	M. A. Kadir M. A. N. Md. Ali Hasan	2 2	1 2	34	3	
3rd Year Hons.	M. A. Kadir M. A. N. Md. Ali Hasan	1 3	1	3	1	
3rd Year Pass.	M. A. Kadir M. A. N. Md. Ali Hasan	2 2	2	25	2	
<b>ARABIC.</b>						
4th Year Pass.	M. A. Kadir M. A. N. Md. Ali Hasan	2 2 2	1	4	1	
3rd Year Pass.	M. A. Kadir M. A. N. Md. Ali Hasan	2	1	2	1	
<b>HINDI.</b>						
4th Year	P. Deva Dutta Tripathi	1	...	47		
3rd Year	P. Deva Dutta Tripathi	1	...	53		
2nd Year	P. Deva Dutta Tripathi	1*	...	21		
1st Year	P. Deva Dutta Tripathi	1*	...	22		
<b>URDU.</b>						
4th Year	Dr. A. Ahmad	1	...	41		
3rd Year	M. A. Kadir	1	...	29		
2nd Year	M. A. N. Md Ali Hasan	1*	...	9		
1st Year	„ N. Md. Ali Hasan	1*	...	8		
<b>BENGALI.</b>						
4th Year	Dr. A. P. Banerjee Shastri	1*	...	8		
3rd Year	Dr. „ Banerjee Shastri	1*	...	12		
2nd Year	B. Jogindra Nath Samad- dar.	1*	...	19		
1st Year	B. Jogindra Nath Samad- dar	1	...	18		

The asterisks indicate the lecture and tutorial given to 5th and 6th and 3rd and 4th year classes.

Class.	Name of Teachers.	No. of Lecture.	No. of tutorial or Practical Period.	No. of Students in Class.	No. of Tutorial or Practical Batches.	REMARKS.
<b>ORIYA.</b>						
4th Year.	B. Narain Mohan De	1*	...	1		
3rd Year	B. Narain Mohan De	1*	...	1		
2nd Year	B. Narain Mohan De	1*	...	1		
1st Year	B. Narain Mohan De	1*	...	2		
<b>MATHEMATICS.</b>						
6th Year	Rai Saheb Asutosh Chatterjee.	6	...	2	1	
	B. Pramatha Nath D a s Gupta.	3+2*	1			
	B. Kartik Nath Pandey	2				
5th Year	Rai Saheb Asutosh Chatterjee.	3	...	3		
	B. Pramatha Nath D a s Gupta.	1+2*	1			
	B Kartik Nath Pandey	1				
4th Year Hons	Rai Saheb Asutosh Chatterjee	3	...	4	1	
	Pramatha Nath D a s Gupta.	1	2			
4th Year Pass	Rai Saheb Asutosh Chatterjee.	2	...	34 (a)	3	(a) Includes H o n s. Students.
	B. Pramatha Nath D a s Gupta.	2	3			
3rd Year Hons.	Rai Saheb Asutosh Chatterjee.	2	...	4	1	
	B. Kartik Nath Pandey	2	1			
3rd Year Pass.	B. Kartik Nath Pandey	2	5	46 (b)	5	(b) Includes H o n s. Students.
	B. Banshidhar Ghose	2				
2nd Year	B. Banshidhar Ghose	4	4	50	4	
1st Year	B. Banshidhar Ghose	4	4	50	4	
<b>PHYSICS.</b>						
6th Year	Mr. V. H Jackson	...	3	3	1	
	Mr. A. T. Mukherjee	1				
	Mr. K. Prasad	1*	7			
	B.Kumar Nath Banerjee	...	2			
	B. Mohit Mohan Sen Gupta	...	2			

The asterisks indicate lecture and tutorial given to 5th and 6th and 3rd and 4th year classes.

Class.	Name of Teachers.	No. of Lecture.	No. of Tutorial or Practical Periods.	No. of Students in Class.	No. of Tutorial or Practical batches.	REMARKS.
5th Year	Mr. V. H. Jackson " A. T. Mukherjee " K. Prasad B. Kesho Dayal " Kumar Nath Banerjee " Suryya Kanta Mitra	... 1 2 1 ... ...	3 6 1 2 2	4	1	
4th Year Hons.	Mr. A. T. Mukherjee B. Kumar Nath Banerjee B. Kesho Dayal B. Suryya Kanta Mitra	... 2 1 ...	3 2	5	1	
4th Year Pass.	Mr. A. T. Mukherjee Mr. K. Prasad B. Kumar Nath Banerjee B. Kesho Dayal B. Mohit Mohan Sen Gupta B. Suryya Kanta Mitra	2 ... 2 ... ... ...	6 1 1 5 2 5	(a) 29	1	(a) Includes H o n s. Students.
3rd Year Hons.	Mr K. Prasad B. Kesho Dayal B. Mohit Mohan Sen Gupta	2 1 ...	3 2	21	1	
3rd Year Pass.	Mr. K Prasad B. Kumar Nath Banerjee B. Kesho Dayal B. Mohit Mohan Sen Gupta	... ... 2 2	5 5 5	(b) 30	1	(b) Includes H o n s. Students.
2nd Year	B. Kumar Nath Banerjee B Kesho Dayal B Mohit Mohan Sen Gupta B. Suryya Kanta Mitra	... ... 2 2	3 3 4 4	50	1	
1st Year	Mr. A. T. Mukherjee B Kumar Nath Banerjee. B. Kesho Dayal B. Mohit Mohan Sen Gupta B Suryya Kanta Mitra	2 ... ... ... 2	... 2 3 2 4	50	1	
CHEMISTRY						
6th Year	Dr. K. S. Caldwell Mr. A. S. Khan Dr. R. C Roy B. Panna Lal	... 1 + 1* 2* 1*	5* 2* 6*	1	1	Attend college Lib. from 7-30 to 9 and from 10-3 every day during which he supervises work of all post graduate scholars.
5th Year	Dr. K, S. Caldwell Mr. A S Khan Dr. R. C. Roy B. Panna Lal	... 1* 2* 1*	5* 2* 6*	3	1	

The asterisk indicate lecture and tutorial given to 5th and 6th, 3rd and 4th year classes.

Class.	Name of Teachers.	No. of Lecture.	No. of Tutorial or Practical Periods	No. of Students in Class.	No. of Tutorial or Practical Batches.	REMARKS.
4th Year Hons.	Dr. K. S. Caldwell Mr. A. S. Khan Dr. R. C. Roy B. Panna Lal	... 1 1 1	5 6	2	1	
4th Year Pass.	Dr. K. S. Caldwell Mr. A. S. Khan Dr. R. C. Roy B. Panna Lal	1 3 2 ...	... 4 4	(a) 29	1	(a) Includes H o n s. Students.
3rd Year Hons.	Mr. A. S. Khan Dr. R. C. Roy B. Panna Lal	1 1 1	6	12	1	
3rd Year Pass.	Dr. K. S. Caldwell Mr. A. S. Khan Dr. R. C. Roy Babu Panna Lal	1 2 1 ...	2 4 4	(b) 30	1	(b) Includes H o n s. Students.
2nd Year	B. Chandra Bhushan Roy B. Sheshir Kumar Guha	4 ...	6 2	50	4	Two hours demonstration in M. Sc class 10 hours assisting in preparation of lecture experi- ment of III and IV classes 6 hours informal tutorial work in connection with the chemical
1st Year	Dr. K. S. Caldwell Dr. R. C. Roy B. Chandra Bhushan Roy	4 ... ...	... 2 4	50	4	

The asterisks indicate lecture and tutorial given 5th and 6th, 3rd and 4th year classes.

## FORM G

*A return of the College results at the last University Examination.*

B. A. Examination 1924.

	Vernaculars.					Classical language.			English.	History.	Economics and Political Science.	Moral and Mental Philosophy.	Mathematics.
	Hindi.	Urdu.	Oriya.	Parbatia.	Bengali.	Sanskrit.	Arabic.	Persian.					
No. who appeared	27	37		1	10	24	2	32	75	39	35	9	9
No. who passed	25	37		1	80	22	2	31	66	29	29	9	8
Percentage of passes	92.6	100		100	100	91.7	100	96.9	88	74.4	82.9	100	88.9
No. who failed in this subject only	0	0		0	0	0	0	0	2	3	2	0	0

( 28 )

Results as a whole.	
1 Total No. in class at time of test	86
2 No. of ex-students	—
3 Total No sent-up	75
4 No. who appeared	75
5 No who passed	55
6 Percentage of passes (calculated in No who appeared).	73.3

Subject	No. sent up for Honours		No who obtained Second class Hons
	English	First class	
English	18	1	13
History	3	0	1
Economics	5	0	4
Philosophy	1	0	0
Sanskrit	1	0	1
Persian	1	1	0
Mathematics	1	1	0
No. who obtained distinction in the B. A. 3			

# FORM G.

*A return of the College results at the last University Examinations.*

## B. Sc. Examination.

	Vernacular.				Classical Language.									English.	Histy.	Economics and Political Science.	Mental and Moral Philosophy.	Experimental Physiology.	Mathematics.	Physiology.	Botany.	Zoology.	Geology and Mineralogy.	Chemistry.	Physics.
	Hindi.	Urdu.	Oriya.	Bengali.	Sanskrit.	Pali.	Arabic.	Persian.	Greek.	Latin.	French.	Italian.	German.												
No. who appeared																		19					19	20	
No. who passed																		18						13	113
Percentage of passes																	94.7								
No. who failed in this subject only.																							68.4	65	
																							1	1	

Results as a whole.		No. sent up for Honours		No. who obtained	
		Subject			Second Class Hons
			First Class		
1. Total No. in class at time of Test	25	Physics	6	0	5
2. No. of Ex-students	0	Chemistry	4	0	3
3. Total No. sent up	20	No. who obtained distinction in the B. Sc.			
4. No. who appeared	20				
5. No. who passed	12				
6. Percentage of passes (calculated on No. who appeared)	60				

*Dated.....1925.*

## FORM G.

A return of the College Results at the last University Examinations.

I. Sc. Examinations. 1924.

	VERNACULARS,				English.	Mathematics.	Physics.	Chemistry.
	Hindi.	Urdu.	Bengali.	Oriya.				
Number who appeared ...	7	8	24	1	40	39	39	39
Number who passed ...	7	8	24	1	30	36	34	36
Percentage of passes ...	100	100	100	100	75	92.3	87.2	92.3
Number who failed in this subject only ...	0	0	0	0	5	.0	2	0

Results as a whole.	
1. Total number in class at time of Test ...	50
2. Number of Ex-Students ...	0
3. Total number sent up ...	40
4. Number who appeared ...	40
5. Number who passed ...	28
6. Percentage of passes (calculated on No who appeared ...)	70



# PATNA UNIVERSITY.

## REPORT ON THE INSPECTION OF BIHAR NATIONAL COLLEGE FOR 1924-25.

Inspected by W. Owston Smith on January 8, 1925.

In numbers the College seems to have recovered from the diminution caused by the anti-educational movement of 1920. In July 1923, the rolls showed 551 students and at the beginning of this session ( 1924-25 ) there were 660. This is quite large enough, and the committee would much rather see an improvement in quality than any further increase in quantity.

The Governing Body is called the College Council ( a name sometimes given elsewhere to meetings of the staff ). It consists of 4 classes of members:— (a) 4 nominated by Government (b) 4 elected by donors of Rs 100/- and upwards, (c) one elected to represent the Founder's family, (d) the Principal and one elected member of the staff. During most of the period 1923-24 the members were (a) the Rt. Rev. the Bishop of Patna, the Commissioner of Patna Division, the Vice-Chancellor of Patna University and the Inspector of Schools, Patna Division, (b) the Hon'ble Mr. S. Sinha, Mr. Nurul Hussain, Khan Bahadur Sarfraz Hussain Khan, Mr. Md. Hussain, (c) Babu S. S. Prasad Sinha, (d) the Principal and Mr. L. K. Ghosh. During 1923-24 the College Council is said to have met 13 times. It seems, however, that it is ill-attended. Out of 11 members the quorum is 4. On 2 occasions 5 members were present; twice it was necessary to abandon the meeting for want of a quorum and at the other meetings the bare quorum was present. It is perhaps a mistake to fill up such a body with high officials and prominent persons who have not time to attend. Previous inspectors have noted that there are only two representatives of the College staff and only one elected. However the Council is already large and perhaps need not be increased in number. If the two members of the staff attend regularly it seems that they will usually form half of those present.

3. The whole teaching staff forms the advisory Committee which meets to consider standards of marking, methods of teaching, results

and other matters of interest. One Professor is placed in charge of examinations, and sees the papers through the press. This seems to be a good idea and relieves the Principal on this point. According to a resolution of the advisory committee students failing to attend tutorials and monthly examinations are fined 4 annas for each absence. Something of this kind is necessary. The results of the monthly examinations are also considered when sending students up for the University examinations. The effect of this rule is somewhat weakened by the lenient marking which is often a feature of test examinations. In addition to the meetings of the advisory committee the senior professors were called together once and made good regulations about tutorial examinations.

4. The chief sources of income are two, a Government grant of Rs 36,000/ ( recurring ) and fees and fines amounting to a nearly equal sum. There are no subscriptions except one from the Dumraon Raj which is in arrear. Government also came to the aid of the college last year with a special non-recurring grant of Rs. 7558. The financial situation is more satisfactory than in recent years. The opening deficit of Rs. 2158/1/- has been changed into a closing credit balance of Rs. 1988/13/8. This is chiefly due to the increased number of students. Expenditure is kept as low as possible though the allotments for the two science subjects have been increased to Rs 2,000 each.

The land and buildings have been transferred to Government and a lease has been granted to the previous owners, the Bihar National College Association. The effect of this change seems to be that Government is more directly interested in the repairs and up keep of the buildings than formerly. There can be no doubt that direct Government control, implying the absorption of members of the staff into permanent services, would be vastly more expensive. At present the only highly paid official of the college is the Principal, but there are proposals for increasing the maximum of the ordinary scale.

5. The Principal has worked in this college for more than 30 years and five other members for 10 or more but the majority of the staff have short periods of service. Very few have first-class qualifications, and these are found among the juniors. The Principal appears on the time-table as taking six periods. Most of the lecturers have rather long hours. In particular Mr. Halder has 21 periods a week in his own subject and in addition 4 hours in Bengali. The periods however are of about 45 minutes only. In the opinion of the committee most of the students get too many lectures. There are usually six in each subject in the B. A. classes in addition to one tutorial in each subject and one Vernacular period. The Principal explained that this is owing to the sub-division of each subject into

three branches. Each lecturer requires two lectures for his branch. The effect however is to give each student in the degree classes about 22 periods a week and each I. A. student about 24. There have not been many changes in the staff recently.

6. The Library is not in a satisfactory condition from two points of view. There is no separate room for the books but they are scattered about the buildings in almirahs placed here and there in the class rooms. This kind of thing was not uncommon in privately managed colleges twenty or thirty years ago but something better is expected now. The allotment for books and periodicals has been increased to Rs 1200/- but there is still need of more and newer books. The number added during the year seems very small. Rs. 1220/- was spent and only 109 books were purchased, besides 83 periodicals

7. Previous inspectors have mentioned the desirability of starting a provident fund, but it is calculated that a sum of Rs 3000/- would be necessary as an initial credit and it has not yet been found possible to make a beginning.

8. The buildings for the most part were not designed for college purposes, and are not in accordance with modern ideas. The work was started on a small central site in a crowded neighbourhood and from time to time additional buildings have been acquired or new ones erected. The class rooms are small and must sometimes be overcrowded. The Principal has made the best use of his space, and his gardens are well-known. Most of the rooms were clean though in one case cob-webs had been neglected. I visited the hostels, which are old bungalows more or less successfully adapted. There are usually 4 or 5 students in a room. Some of the rooms are not well lighted. The sanitary arrangements appeared to be sufficient. There is nothing to prevent students from leaving the hostels at night if they wish, especially towards the West. The hostel accommodation is quite insufficient, as there is room for only about 100 out of 660 students.

No less than 377 students are shown as living with local guardians, a very elastic term. A Hostel Committee has been formed for inspection of residences, consisting of the 3 superintendents of hostels and two professors. The superintendents are pretty fully occupied with the students directly under their care. It seems that a larger number of professors might co-operate in this work. There should perhaps be several committees on communal lines. The Musalman students living outside the hostels should be inspected by a committee consisting of the Musalman members of the staff and the Bihari Hindu students by 3 or 4 of the most active Bihari lecturers. The work would be no sinecure in view of the large numbers. The committee consider it necessary that these committees

should find out whether 'natural guardians' are really so, and should inspect the sanitation of residences, and ascertain the fitness of 'other guardians'. When for want of space it is impossible to compel students to come into the hostels there is always some unwillingness to be too critical, but the matter is too important to be neglected.

9. Many students live near the college and the premises are fitted with electric light. There should therefore be little difficulty in getting a good attendance at societies in the evening. More games and papers have been procured for the common room. Though deficient in space it seems to be in a flourishing condition, and its financial state is good. The gramophone is popular. There are several societies. That for 'mutual aid' helps poor students with books and money. Students usually pay 12 annas a year, and last year collections were made in the town. The Magazine is managed as a separate fund. All these societies have a credit balance in the savings bank. The Debating Society seems to be rather poorly attended. It always needs a good deal of enthusiasm and attention to keep a College society in a flourishing condition.

There is no room for a playing field in the compound but some of the students play on the maidan which is quite near. The College foot-ball team takes part in local competitions. In 1923-24 it was not successful in the finals but in 1924 it carried off the institute cup and other local trophies. Volley ball requires little space if played at the college.

10. Great responsibility falls on the Principal who has to check the items of receipt and expenditure in the Cash Book daily. The system prevails here of issuing fee books in duplicate to students, who fill in the amount of payments which they have to make. One copy (counterfoil) is retained by the students as a receipt and the other copy (foil) handed to the clerk. The foils are afterwards bound for filing. In this system careful inspection of the foils and counterfoils is necessary lest the student should make a mistake and enter payments which ought to go to the University or something else not payable to the College. It seems that no difficulty has arisen hitherto. The College accounts for 1923-24 have not been audited.

11. Though the University results are not what could be wished, the College is in as good a condition as can be expected considering its inadequate buildings and insufficient funds.

Sd/- W. OWSTON SMITH.

## INSPECTION OF ARTS AND SCIENCE COLLEGES

The following information is required for the use of the Inspectors at the time of their inspection of a college, *and should be prepared shortly before the date fixed for the inspection*

1. Number of meetings of the Governing Body last session 13  
This session (up to date) 2
2. Number of meetings of the advisory committee last session 5  
This session (up to date) 3
3. A return of income and expenditure in attached Form A.
4. A return for the College Library in attached Form B.
5. Particulars of expenditure on Science in attached Form C.
6. A complete return of the teaching staff in attached Form D.
7. Particulars as to changes in the teaching staff since the date of the last inspection in attached Form E.
8. A copy of the College routine.
9. A detailed return of the weekly curriculum in all subjects in attached Form F.
10. Number of students on the rolls at beginning of last session 551  
at the end „ „ „ „ 524  
at beginning of this session 660
11. A return of the College results in the last I. A., I. Sc., B. A. and B. Sc. examinations in attached Form G.
12. Particulars of residence of all students at date of inspection:—  
Number living in college hostel 99  
„ „ in attached messes 35 Govt. Hostel.  
„ „ in unattached messes  
„ „ with their parents 103  
„ „ with local guardins 377

*Dated 8th January 1925.*

D. N. SEN,  
*Principal, B. N. College.*

## FORM A.

Return of Income and Expenditure for the last financial year.

INCOME.		EXPENDITURE.	
Principal heads.	Rs.	Principal heads.	Rs.
Fees and fines ...	34096-5-0	Teaching Staff	59,534-2-2
Government grant (Recurring) ...	36000-0-0	Clerical Staff	2244-15-2
Government grant (Non recurring) ...	7558-0-0	Menial Staff	1806-7-6
Interests ...	18-9-0	Physical Lab.	2134-12-3
Punkha fees ...	1451-4-0	Chemical Lab.	2665-1-5
Fee Books ...	142-3-0	Scholarships ...	514-0-0
Miscellaneous ...	38-1-6	Electric Installation	1477-13-6
Subscription ...	100-0-0	Library ...	1220-3-3
Refund of advance	85-0-0	Repairs ...	300-0-0
Refund ...	24-12-0	Taxes ...	651-12-0
		Interest ...	6-5-6
		Hot weather charges	104-15-5
	79514-2-6	Examination papers	54-0-0
Opening deficit ...	2158-1-0	Furniture ...	95-0-0
		Workshop contingency	31-0-0
Total ...	77,356-1-6	Refund ...	23-8-0
		Construction of Latrine	27-6-0
		Advance ...	50-0-0
		Contingent ...	1315-3-3
		Workshop Salaries	1110-10-5
			75367-3-10
		Closing balance ...	1988-13-8
		Total ...	77356-1-6

Dated 8th January 1925.

D. N. SEN,  
Principal, B. N. College.

**FORM B.**

Return for the College Library (and Common Rooms).

1. Total Number of volumes in Library at date of inspection 5282.
2. Number of volumes added to the Library last session, subject by subject:—

Subject.	No.	Amount spent.
English	... 16	
Philosophy	... 3	
History and Geography	9	
Mathematics	... 5	
Sanskrit	... 4	
Antiquities	... 2	
Bengali	... 5	
Hindi	... 1	
Urdu and Persian	.. 50	
Magazine and Journals	88	
Govt. Publications	... 5	

Total 188      Rs 1220-3-3 spent on Library.

3. No. of Books borrowed by students during last session:—

1st year 231	2nd year 90	3rd year 177	4th year 105.
--------------	-------------	--------------	---------------

4. List of periodicals subscribed to:—

- |  |   |
|--|---|
| (1) British Journal of Psychology.                                     | (2) Indian Antiquary.                             |
| (3) International Journal of Ethics.                                   | (4) Hibbert Journal.                              |
| (5) American Journal of Psychology.                                    | (6) Journal of Bihar and Orissa Research Society. |
| (7) Journal of the Royal Asiatic Society of Great-Britain and Ireland. | (8) Journal of the Royal Asiatic Society.         |
| (9) Proceedings of the Asiatic Society of Bengal.                      | (10) Mind.  |
| (11) Calcutta Review.  | (12) Memories of the Asiatic, Society Bengal.     |
| (13) Archaeological survey of India.                                   |   |

(b) Scientific:—Journal of the Chemical Society London. American Journal of the Chemical Society. Proceedings of the Royal Society. Transaction of the Royal Society. Nature Philosophical Magazine. Science abstract section A. Physical Review and Astro Physical Journal.

- (c) For students' Common-Room.

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| (1) The Englishman.              | (2) The Times Weekly.               |
| (3) The Indian Review.           | (4) XIX Century and After.          |
| (5) The standard magazine.       | (6) The Illustrated Times of India. |
| (7) Vigyana.                     | (8) The Madhuri.                    |
| (9) The Shiksha.                 | (10) The Zamana.                    |
| (11) The Aligarh Moslem Gazette. | (12) The Prabasi.                   |
| (13) The Bharat Vares.           | (14) The Makur.                     |

Dated 8th January 1925.

D. N. SEN,  
Principal, B. N. College.

## FORM C.

*Abstract of Expenditure on Science*

## ANNUAL GRANT.

Apparatus and Chemicals Laboratory	...	Rs 2,000/-
Physical Laboratory	... ..	Rs 2,000/-
Contingent Workshop		Rs 1,110/-
		<hr/>
		Total Rs 5,110/-

## EXPENDITURE.

Chemicals Physical Lab. contingent	....	Rs 2,134-12-3
Apparatus Chemical Lab. contingent	...	Rs 2,665--1-5
Workshop Salary	... ..	Rs 1,110-10-5
Contingent	... ..	Rs 31--0-0
		<hr/>
		Total Rs 5,941-8-1

## FIRMS DEALT WITH.

Name of Firm.	Cost of Goods Supplied.		
	Rs.	AS.	P.
Scientific Instrument & Co.	280	2	4
Mansfield and Sons	90	0	0
Scientific Supplies	576	6	0
Balmer Lawrie & Co.	39	2	0
W. G. Pye	750	0	0
Bajjnath Chawbey	22	0	0
Do. Do.	15	8	0
Do. Do.	102	12	0
Do. Do.	189	6	0
T. E. Thomson & Co.	12	1	0
J. J. Griffin & Sons	230	0	0
Do. Do.	45	0	0
Bengal Chemical	346	1	0
D. Waldie & Co. Calcutta	121	3	0

*N. B.—Indents must be ready for inspection.*

*Dated 8th January 1925.*

D. N. SEN,

*Principal, B. N. College.*



## FORM F.

Statement showing the work done by each member of the staff.

No.	Name	Designation	Lecture	Tutorial	Total	REMARKS.
1.	D. N. Sen	Esqr. Principal	6	...	6	
2.	L. K. Ghose	„ Prof. Math.	10	8	18	
3.	S. M. Huq	„ „ English	11	7	18	
4.	C. T. Mitra	„ „ „	11	7	18	
5.	H.Ch.R. Chawdhry	„ „ History	10	8	18	
6.	G. P. Hazari	„ „ Phil.	10	6 + 1	16 + 1	2 more additional lectures in the 4th year class.
7.	S.N. Bhattacharya	„ „ Sansk.	10	8	18	
8.	Abu Sayid	„ „ Persian	10	8	18	
9.	D.K. Bhattacharya	„ „ Physics	8	8	16	
10.	S. N. Roy	„ „ „	4	16	20	
11.	B. K. Chawdhry	„ „ Chemis.	8	10	18	
12.	W. C. Dutta	„ Lect. Math.	11	7	18	
13.	S. N. Sen Gupta	„ „ English	7	12	19	
14.	B. Sen	„ „ „	5	13	18	
15.	H. Ghose	„ „ „	6	12	18	
16.	K. M. Sinha	„ „ History	8	11	19	
17.	V. D. Misra	„ „ „	10	10	20	
18.	S. N. Roy	„ „ Logic	6	10	16	
19.	R. C. Haldar	„ „ „	5	16	21	Plus 4 hours Bengali.
20.	D. K. Sharma	„ „ Sansk.	10	10	20	
21.	Ismatullah	„ „ Persian	10	9	19	
22.	D. N. Chatterji	„ „ Physics	4	16	20	
23.	N. K. Bose	„ „ Chemis	6	12	18	
24.	N. Ch. G. Roy	„ „ „	4	14	18	
25.	S. K. Sen	„ Helps in practical work.				
26.	B. N. Sahay	„ Helps in practical work.				

## FORM F.

A detailed return of weekly curriculum in all subject.

## ENGLISH.

Class	Name of Teacher	No. of lectures	No. of tutorial or practical periods.	No. of students in class	No. of tutorial or practical batches.	REMARKS.
4th year	Mr. S. M. Huque ...	3	4	...	...	
	Mr. C. T. Mitra ...	2	...	...	4	
	Mr. S. N. Sen Gupta	1	...	...	...	
	Mr. B. Sen ...	...	...	56	...	
3rd year	Mr. S. M. Huque ...	3	3	...	...	
	Mr. C. T. Mitra ...	3	...	...	...	
	Mr. S. N. Sen Gupta	...	1	...	...	
	Mr. H. Ghose ...	...	2	64	6	
2nd year 3 sections	Mr. S. M. Huque ...	3	...	...	...	
	Mr. C. T. Mitra ...	3	7	...	...	
	Mr. Sen Gupta ...	3	...	...	...	
	Mr. B. Sen ...	3	12	...	...	
	Mr. H. Ghose ...	6	5	260	24	
1st year 2 sections	Mr. S. M. Huque ...	2	...	...	...	
	Mr. C. T. Mitra ...	3	...	...	...	
	Mr. S. N. Sen Gupta	3	11	...	...	
	Mr. B. Sen ...	2	1	...	...	
	Mr. H. Ghose ...	...	5	213	17	

## FORM F.

A detailed return of weekly curriculum in all subject.

## MATHEMATICS.

Class	Name of teachers	No. of lectures	No. of tutorial or practical periods	No. of students in class	No. of tutorial or practical batches	REMARKS.
4th year	Mr. L. K. Ghose ..	4	2	...	...	
	Mr. W. C. Dutta ...	2	...	18	2	
3rd year	Mr. L. K. Ghose ...	2	...	...	...	
	Mr. W. C. Dutta ...	3	1	15	1	
2nd year	Mr. L. K. Ghose ...	2	1	...	...	
	Mr. W. C. Dutta ..	3	5	90	6	
1st year	Mr. L. K. Ghose ...	2	5	...	...	
	Mr. W. C. Dutta ...	3	1	73	6	
<b><i>Philosophy and Logic.</i></b>						
4th year	Mr. D. N. Sen ...	2	...	...	...	
	Mr. G. P. Hazari ...	2	...	...	...	
	Mr. S. N. Roy ...	2	2	26	2	
3rd year	Mr. D. N. Sen ...	4	...	...	...	
	Mr. G. P. Hazari ...	...	...	...	...	
	Mr. S. N. Roy ...	...	3	30	3	
	Mr. Haldar	1	...	...	...	
2nd year 2 sections	Mr. G. P. Hazari ...	4	5+1	...	...	
	Mr. S. N. Roy ...	4	5	...	...	
	Mr. R. C. Haldar ...	...	5	226	15	
1st year 2 sections	Mr. G. P. Hazari ...	4	1	...	...	
	Mr. S. N. Roy ...	...	...	...	...	
	Mr. R. C. Haldar ...	4	11	160	12	
<b><i>Sanskrit.</i></b>						
4th year	Mr. S.N. Bhattacharya.	5	2	...	...	
	Mr. D. K. Sarma ...	...	...	26	2	
3rd year	Mr. S.N. Bhattacharya.	1	...	...	...	
	Mr. D. K. Sarma ...	3	2	23	2	
2nd year	Mr. S.N. Bhattacharya.	4	6	...	...	
	Mr. D. K. Sarma ...	...	2	113	8	

## FORM F.

A detailed return of weekly curriculum in all subject.

## SANSKRIT.

Class.	Name of teacher.	No. of lectures.	No. of tutorial or practical periods.	No. of students in class.	No. of tutorial or practical batches.	REMARKS.
1st year	Mr. S. N. Bhattachariya ...	...	...	...	...	
	Mr. D. K. Sarma...	3	6	87	6	
	<i>Persian.</i>					
4th year	Mr. Abu Sayeed ...	2	1	...	...	
	Mr. Ismatullah ...	2	1	21	2	
3rd year	Mr. Abu Sayeed ...	2	1	...	...	
	Mr. Ismatullah ...	2	2	30	3	
2nd year	Mr. Abu Sayeed ...	2	4	...	...	
	Mr. Ismatullah ...	2	3	94	7	
1st year	Mr. Abu Sayeed ...	2	2	...	...	
	Mr. Ismatullah ...	2	3	66	5	
	<i>History</i>					
4th year	H. Ch. R. Chawdhury	2	2	...	...	
	Mr. K. M. Sinha ...	2	...	...	...	
	Mr. V. D. Misra ...	2	...	35	2	
3rd year	Mr. H. Ch. Roy Chawdhury ...	2	...	...	...	
	Mr. K. M. Sinha...	2	3	44	3	
	Mr. V. D. Misra ...	2	...	...	...	
2nd year	Mr. H. Ch. Roy Chawdhury ...	2	3	...	...	
2 sections	Mr. K. M. Sinha ...	2	4	...	...	
	Mr. V. D. Misra ...	4	6	194	13	
1st year	Mr. H. Ch. Roy Chawdhury ...	4	3	...	...	
2 sections	Mr. K. M. Sinha ...	2	4	...	...	
	Mr. V. D. Misra ...	2	4	157	11	
	<i>Hindi.</i>					
4th year	D. K. Sarma ...	1	...	33	...	
3rd year		1	...	36	...	
2nd year		1	...	139	...	
1st year		1	...	101	...	

## FORM F.

A detailed return of weekly curriculum in all subjects.

## BENGALI.

Class	Name of Teacher	No. of lectures	No. of tutorial or practical periods.	No. of students in class	No. of tutorial or practical batches.	REMARKS.
4th year	Mr. R. C. Haldař	1	...	4	...	
3rd year	do	1	...	4	...	
2nd year	do	1	...	27	...	
1st year	do	1	...	24	...	
<b>Urdu.</b>						
4th year	Mr. Abu Sayeed	1	...	19	...	
3rd year	Mr. Ismatullah	1	...	24	...	
2nd year	Mr. Abu Sayeed	1	...	94	...	
1st year	Mr. Ismatullah	1	...	88	...	
<b>Chemistry.</b>						
4th year	Mr. B. K. Chawdhry	3	6	...	...	
	Mr. N. G. Roy	2	6	10	1	
3rd year	Mr. B. K. Chawdhry	1	...	...	...	
	Mr. N. K. Bose	2	4	...	...	
	Mr. N. G. Roy	2	...	11	...	
2nd year	Mr. B. K. Chawdhry	4	4	...	...	
	Mr. N. K. Bose	...	4	...	...	
	Mr. N. G. Roy	...	4	64	2	
1st year	Mr. N. K. Bose	4	4	...	...	
	Mr. N. G. Roy	...	4	65	2	
<b>Physics.</b>						
4th year	Mr. D.K. Bhattacharya	4	4	10	1	
	Mr. S. N. Roy	2	4	...	...	
3rd year	Mr. D. N. Chatterjee	2	...	11	1	
2nd year	Mr. D.K. Bhattacharya	4	4	...	...	
	Mr. S. N. Roy	...	4	47	...	
	Mr. D. N. Chatterjee	...	8	...	2	
1st year	Mr. S. N. Roy	2	8	...	...	
	Mr. D. N. Chatterjee	2	8	46	2	

RETURN OF THE PAY, QUALIFICATIONS, ETC. OF THE  
B. N. COLLEGE

No.	Name.	Designation.	Academic Qualifications.
1	D. N. Sen	Esqr. Principal and Professor of Philosophy.	M. A. 1891
2	L. K. Ghose	Prof. Mathematics	M. A. 1901
3	S. M. Huce	English	M. A. 1911
4	B. K. Chawdhury	Chemistry	M. Sc. 1911 (2nd class)
5	Abu Sayeed	Persian	M. A. 1918 (2nd class)
6	H.Ch.Roy Chawdhury,,	History	M. A. 1912 (2nd class)
7	G. P. Hazari	Philosophy	M. A. 1913
8	S. N. Bhattacharya	Sanskrit	M. A. 1919 (1st class)
9	D. K. Bhattacharya	Physics	M. Sc. 1916 (1st class)
10	C. T. Mitra	English	M. A. 1914 (2nd class)
11	S. N. Roy	Physics	M. Sc. 1922 (1st class)
12	Moulvi Ismatullah	Lect. Persian.	Certificate from Cawnpore Madarsah.
13	N. K. Basu	Chemistry	M. Sc. 1921 (2nd class)
14	W. C. Dutt	Mathematics	M. A. 1913 (2nd class)
15	D. K. Serma	Sanskrit	Vyakarnacharya
16	B. Sen	English I	M. A. 1922 (2nd class)
17	H. Ghose	English II	M. A. 1922 (1st class)
18	S. N. Roy	Logic	M. A. 1917 (2nd class)
19	R. C. Halder	"	M. A. 1918 (2nd class)
20	V. D. Misra	History	M. A. 1923 (2nd class)
21	S. N. Sen Gupta	English	M. A. 1917 (2nd class)
22	Vacant	Sanskrit	... ..
23	K. M. Sinha	History	M. A. 1917 (2nd class)
24	B. N. Sahai	Lab. Asstt Physics	B. Sc. 1916.
25	S. K. Sen	Chemistry	M. Sc. 1922 (3rd class)
26	Vacant	... ..	... ..
27	N. Prasad	Assistant (Chemistry Lab. Asstt. Psychological Lab.)	Read up to I. A.
28	Vacant	... ..	... ..
29	Vacant	Lect. in Persian	... ..
30	D. N. Chatterjee	Physics	M. Sc. 1922 (2nd class)
31	N. G. Roy	Chemistry	M. Sc. 1924 (1st class)

TEACHING STAFF OF THE B. N. COLLEGE.

Periods of service in this College.	Pay. Rs	REMARKS.
31 years	1050	I. E. S.
18 years	310	
12 years	285	
12 years	310	
4½ years	185 + 15	Hostel Allowance.
10 years	285	
10 years	285	
4 years	210	
7½ years	235	
7 years	210	
12 months.	160	
15 years	215	
2 years 8 months.	125	
10 years	185	
10 years	106	
2 years	110	
6 months	110	From August, 1924.
6 years	155 + 25	Hostel allowance.
6 years	155 + 25	Do.
1 year	110	
6 years	155	
...	...	
5 years	140	
13 years	96 + 10	Allowance for supervising the Electric Installation.
2 years	60	
...	...	
5½ years	35	
...	...	
...	...	
1 year	110	New posts created from last year.
3 months	110	

## FORM E.

*Particulars as to changes in the Teaching Staff Since the date of the last inspection.*

Name of officer relieved (& post which he held)	Date of his leaving	Reason for his leaving	Name of relieving officer	Date of his joining
S. C. Roy Chawdhury Prof. of Physics...	Nov. 1924	Leave to join a new appointment.	S. N. Roy	15th Nov. 1924
S. C. Mitra Lect. English. ...	Ap. 1923	Term Expired.	B. Sen	July. 1923
U. N. Ball Lect. in History. ...	Oct. 1923	Leave to join a new appointment.	V. D. Misra	Nov. 1923

*Statement Showing the results of the University*

*Examinations of 1924.*

Examination	No. Sent up	No. absent	No. appeared	No. passed	Percentage of passes.	REMARKS.
Annual, 1924.						
B. A.	48	—	48	25	52.08	3 with distinction and one 2nd class Honors.
B. Sc.	5	—	5	1	20	
I. A.	135	1	134	47	35.07	5 in one subject only.
I. Sc.	28	1	27	6	22.22	
Supplementary, 1924.						
B. A.	28	2	26	10	38.46	
B. Sc.	7	—	7	1	14.28	
I. A.	97	5	92	32	34.78	1 in one subject only.
I. Sc.	19	—	19	5	26.31	



# REPORT

## ON THE TEJ NARAYAN JUBILEE COLLEGE, BHAGALPUR, FOR 1924-25.

(Inspected by MR. E. A. HORNE, on the 22nd December, 1924.)

### ADMINISTRATION.

1. There were 7 meetings of the College Committee during the year under review. During the current year, up to the date of inspection, the Committee have met twice. There is one change to report in the personnel of the Committee. Rai Sahib Awadh Bihari Singh, a Trustee and Secretary of the College Committee, retired in May 1923; and his place has been filled by Babu Gouri Shankar Sahay, one of the Board of Managers of the Banaili Raj.

2. There were as many as 20 meetings of the College (Staff) Council last session; and there have been 5 meetings of the Council so far during the current session. The question of periodical examinations was one matter of importance discussed; another was the question of the scale of pay of professors and lecturers in aided colleges. Apart from these questions (and elections), the meetings were concerned, for the most part, with purely formal matters, like the passing of a resolution of congratulation. They serve, however, to keep alive an *esprit de corps* among the teaching staff.

3. A post of Head Clerk and Accountant on pay of Rs. 80- $\frac{1}{2}$ <sup>0</sup>-120 having been sanctioned by the College Committee, a trained Accountant, with business experience (Babu Jamini Kanta Sarkar, B. A., B.Sc.) was appointed to the post in July 1924. On confirmation, he will be required to deposit a security of Rs. 500. The new Head Clerk has thoroughly overhauled the system followed in keeping the various college accounts. The general cash book, in its present form, shows clearly the daily transactions on both sides of the account and the current financial position. This book is regularly examined, and initialled, by the Principal; but the individual items should also be attested by him at the time of examination. An independent check of this character is more particularly required in view of the fact that the Head Clerk is both Accountant and Cashier, the College Committee not having complied with the Principal's request for the appointment of a separate Cashier or a Bursar. The Head Clerk is assisted by two junior clerks.

4. Separate ledgers being now maintained for all branches of the College accounts, it is possible to see at a glance how the accounts of the various College societies (unions) stand. It would be well, however, to open Post Office Savings Bank accounts for these students' funds, as in other colleges, so as to keep these moneys entirely separate from College funds. For example, there must be a substantial balance to the credit of the College Magazine, which has not been appearing regularly lately. Hostel seat-rents are paid into the College accounts. Accounts of the receipt and expenditure of Hostel maintenance fees are kept by the Hostel Superintendents, and presented each month to the Principal.

5. The audit report on the College accounts for the year 1922-23 has recently been completed, and has been examined by the College Committee. The work was put in hand in January 1924 and took

eight months to finish. It is important that the accounts should be audited by a trained auditor ; and also that the work should be taken in hand promptly, and carried out expeditiously. No arrangement has yet been made for an audit of the accounts for the year 1923-24. The Committee have requested the Director of Public Instruction to arrange, if possible, for the local Government auditor to do the work. The budget for the current year had not, at the date of inspection, yet been passed.

## FINANCE.

6. The following is a statement of income and expenditure for the year 1923-24 :—

INCOME.			EXPENDITURE.		
<i>Principal Heads.</i>			<i>Principal Heads.</i>		
	Rs.	a. p.		Rs.	a. p.
* Opening balance (on 1st July, 1923)	7,838	5 2	Establishment	66,866	6 7
D. N. Singh's Endowment	2,400	0 0	Municipal taxes	4,136	14 0
Banaili Raj do.	16,000	0 0	Library	1,380	6 0
Grant-in-aid	27,000	0 0	College Unions and Gymnasium	798	7 3
Fees and Fines	35,231	4 0	Furniture	455	4 0
Punkha fees	219	12 0	Buildings (additions and repairs)	1,539	13 2
Medical fees	920	0 0	Contingencies	845	12 6
Hostel seat-rents	2,898	0 0	Stationery and Stamps	293	1 9
House rents	1,341	0 0	Medical Officer	926	0 0
Scholarships	783	5 3	Audit charges	150	0 0
Aid for poor students (Hon'ble Mr. G. D. Singh)	500	0 0	Miscellaneous	807	1 0
College Magazine & Badge	523	8 0	Scholarships	1,539	10 6
Laboratory deposits	385	0 0	Students' excursions	290	1 0
Other sources	819	4 0	Travelling allowance	204	1 0
* Laboratory Equipment and Electrical Installation	13,500	0 0	Printing and Advertising, and Magazine	775	12 3
Kumar Ramanand S i n h a donation 7,000-0-0			Refund of laboratory deposits	215	6 6
Banaili Raj 6,500-0-0			<i>New works—</i>		
* Provident Fund	8,265	0 0	For work taken up last year	2,975	3 9
Amount transferred to General Fund 1,750-8-0			For new water connexion	1,609	14 9
Government grant for recoupment of loss 2,000-0-0			Advance	15,681	0 5
Staff contributions (including refunds) 4,514-8-0			Punkhas etc.	331	12 3
* Re-payment of Advances...14,051 0 11			<i>Laboratory and Workshop</i>	14,688	5 0
			Gratuity and Bonus	2,720	0 0
			<i>Provident Fund—</i>		
			Government grant	2,006	0 0
			Contributions by College	3,113	9 0
			„ „ Staff...	4,475	1 0
			Closing balance (on 30th June, 1924)	3,856	7 8
Total	1,32,675	7 4	Total	1,32,675	7 4

7. Omitting the items marked with an asterisk in the above statement, the (normal) income for the year amounted to Rs 89,021-1-3 and the expenditure to Rs. 87,057-10-6. This latter figure, however, allows

nothing for normal annual expenditure on laboratory apparatus and contingencies, which is included in the item (made up, for the most part, of non-recurring expenditure), "laboratory and workshop". With the opening of B. Sc. classes, an additional Rs. 7,000 at least, will have to be found *viz.*, Rs. 5,500 for apparatus and contingencies, and approximately Rs. 1,500 for the pay and provident fund contribution of two assistant demonstrators, newly appointed this session. The raising of the rate of contribution to the provident fund from 5 to 6½ per cent, and the introduction of an improved scale of pay for professors and lecturers, are proposals at present under consideration, which will mean a considerable increase in expenditure. Without a substantial permanent increase in the grant-in-aid, therefore, it is difficult to see how the growing needs of the college are to be financed.

#### BUILDINGS AND EQUIPMENT.

8. The outstanding event of the year under review was the opening (in July 1923) of B. Sc. classes. The laboratories (and workshop) have been equipped for B. Sc. work at an initial cost of Rs 14,000 of which half was met by Government and half, with great generosity, by Kumar Ramanand Sinha of Banaili. Another big item of expenditure was Rs. 27,000 on an electrical installation. Apart from Rs. 2,000, received as a donation for this purpose from Lord Sinha, when Governor of the Province, the whole of this charge was borne by the Banaili Raj, to whose never-failing support the college owes so much. Thanks to the personal interest shown in the project by the late Mr. S. K. Dutt of Messrs. Adair, Dutt & Co., the money has been laid out to very great advantage. Apart from the supply of current to the laboratories, the hostels are lighted by electricity; some of the class-rooms are lighted also, and most of them are fitted with electric fans. To equip the class-rooms at all adequately in the latter respect, however, 12 more fans are required, and it is hoped that Government, which has contributed nothing to the cost of the electrical installation so far, will be pleased to make a special grant of Rs. 1,000 for this purpose.

9. The College has been put to considerable expense, first and last, in providing for its water-supply; and even now the provision made is not satisfactory, since neither of the Municipal supplies can be absolutely depended on not to fail. Some means of draining the upper-floor verandahs of the Hostels is badly needed, so that these can be flushed when occasion arises (*e. g.*, when there has been a case of infectious disease), and so that rain-water may not lie outside the rooms, as it does at present, after a heavy storm. The need for this was emphasized in the last Inspection Report.

10. The Principal and the Vice-Principal are provided with residences in the college grounds. They pay rent of Rs. 50 and Rs. 30 a month, respectively. Quarters are provided in the main building for four Hostel Superintendents; but in the year under review the number of Superintendents was reduced from four to two. The Professor of Physics (who is also in charge of the electrical installation) occupies one of the quarters, rent-free; and the other is, at present, occupied by a lecturer in Physics, who pays a rent of Rs. 18 a month. An Assistant Demonstrator in Physics and the Electrician occupy vacant rooms in the hostel. Hence there are altogether 8 members of the college staff living on the premises; and there is little doubt that a number of others would welcome the idea, if suitable accommodation were provided, as many have to come to their work, at present, from long distances. Indeed, the provision of additional residences within the extensive college grounds for members of the

staff is much to be desired, in the interests of the resident students as well as of the staff.

#### LIBRARY.

11. In the year under review (1923-24), 315 volumes ( Vernacular literature accounting for 82) were added to the library at a cost of Rs. 1,330-6. In view of present prices, and of the fact that the college now teaches up to the Degree standard in Science as well as the Honours Degree standard in English, a library grant of Rs. 1,200 is inadequate—more particularly, in view of the fact that subscriptions for scientific and other learned journals have also to be met from this grant. At present, only the following are subscribed for :—

Chemical Abstracts.	Philosophical Magazine.
Nature.	Science Abstracts.

12. Fairly good use of the library is made by students, as the following figures, showing the number of books borrowed during the session 1923-24, indicate :—

*1st year, 397. 2nd year, 125. 3rd year, 378. 4th year, 150.*

The library contained 6,495 volumes at the date of inspection. A new catalogue is ready and awaits printing,—the last edition having been published in 1919.

#### TEACHING STAFF.

13. The following changes have taken place since the date of the last inspection (February 1923). One post of 3rd Lecturer in Philosophy and Logic was retrenched, with effect from the 1st July, 1923. With effect from the 7th July of the same year, the Professor of Physics (Prof. S. M. Bhattacharyya, M. A.) retired ; and Prof. S. N. Banerji, M. Sc., formerly Lecturer in Physics, was appointed in his place, the latter being succeeded by Mr. S. C. Pramanik, M.Sc. Mr. I. B. Biswas, M. Sc., was appointed 1st lecturer in Chemistry, with effect from the 1st August, 1923, in place of Mr. P. L. Chatterji, B. A., who was on sick leave, and who died in February 1924. The following new posts were created in connexion with the opening of B. Sc. classes, the first two being filled at the beginning of last session (1923-24) and the remaining two at the beginning of the current session :—

2nd Lecturer in Physics	...	Mr. P. B. Gupta, M. Sc.
—————Chemistry	...	Mr. R. R. Bhattacharyya, M. Sc.
Assistant Demonstrator		
in Physics	...	Mr. U. P. Chaudhury, B. Sc.
—————Chemistry	...	Mr. S. N. Banerji, B. Sc.

Full particulars with respect to the Teaching Staff are contained in Appendix I.

#### COLLEGE CURRICULUM.

14. The outstanding event of the period under review is the opening of B.Sc. classes. The B.Sc. 3rd year class opened with ten students, in July 1923. This limit has now been raised to 12: and at the date of inspection, there was a 4th year class of 10 and a 3rd year class of 12.

15. A detailed return of the weekly curriculum (for 1-23-24) in all subjects, in the usual form, will be found in Appendix II. From this it will be seen that provision is made for tutorial instruction, as required by the Regulations, in groups averaging less than 15 in all cases except in Persian in the 2nd year class, where the average is 15.5. In a subject like Economics the number of tutorial groups might be increased with advantage. The usual number of lectures is 4—5, which is not too much. The English Honours student, however, has a rather heavy routine. In the 4th year class, he has 6 Pass and 5 Honours lectures, so that (counting tutorials) he has all told 24-26 periods a week; in the 3rd year class, he has 5 Pass and 5 Honours lectures. The Principal teaches for 10 periods a week (9 lectures and one tutorial) in the full working session. One member of the staff has 20 periods; 9 have 19; 6 have 18; 2 have 17; and 4 have 14-15 periods a week.

16. The late Principal, Mr. N. N. Raye, issued a circular on the subject of work in the tutorial classes, which has been re-issued by the present Principal. This appears to me to contain such admirable features that it is reproduced below. It would be well however if the arrangements contemplated in the circular were more fully carried into practice than is the case. Marks are not regularly submitted, showing the progress made by students in their tutorial classes, month by month; and only in few subjects, is a monthly home exercise required.

**Circular No. 14-T, dated the 14th July, 1921.**

1. Each batch should have 4 periods' tutorial work a month, distributed as follows :—(a) one period for explaining difficulties; (b) one period for correcting essays, etc., done at home; (c) one period for discussing topics connected with the work done in the class; (d) written exercises done in tutorial books, which should be corrected and marked, and the marks reported to the office. This should be done regularly each month even at the sacrifice of the other kinds of tutorial work mentioned above. For maintaining uniformity the full marks at each examination should be 50.

2. In English the period allotted to the explanation of difficulties may occasionally be used for the discussion of topics which may or may not be connected with the work done in the class. The tutors should insist upon each student taking part in the discussion, and carefully correct bad pronunciation.

3. In subjects in which there is arrangement for practical work, one lecture period a month should be set apart for examinations, the marks awarded in which should be reported to the office.

4. Irregular attendance at the tutorial classes, and careless work done in them, should be brought to the notice of the Principal.

**NUMERICAL STRENGTH.**

17. The maximum number of students on the rolls in the various classes during the session 1923-24 was as under :—

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1st year</td> <td style="width: 20%;">I.A.</td> <td style="width: 10%;">93</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">145.</td> </tr> <tr> <td>————</td> <td>I.Sc.</td> <td>52</td> </tr> <tr> <td>3rd year</td> <td>B.A.</td> <td>54</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">64.</td> </tr> <tr> <td>————</td> <td>B.Sc.</td> <td>10</td> </tr> </table>	1st year	I.A.	93	}	145.	————	I.Sc.	52	3rd year	B.A.	54	}	64.	————	B.Sc.	10	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">2nd year</td> <td style="width: 20%;">I.A.</td> <td style="width: 10%;">137</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">186.</td> </tr> <tr> <td>————</td> <td>I.Sc.</td> <td>49</td> </tr> <tr> <td>4th year</td> <td>B.A.</td> <td>83</td> <td rowspan="2" style="font-size: 2em; vertical-align: middle;">}</td> <td rowspan="2" style="vertical-align: middle;">83.</td> </tr> <tr> <td>————</td> <td>B.Sc.</td> <td>nil</td> </tr> </table>	2nd year	I.A.	137	}	186.	————	I.Sc.	49	4th year	B.A.	83	}	83.	————	B.Sc.	nil
1st year	I.A.	93	}			145.																											
————	I.Sc.	52																															
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————	I.Sc.	49																															
4th year	B.A.	83	}	83.																													
————	B.Sc.	nil																															

Of the B.A. students, 11 were reading for Honours in English in the 3rd year (the corresponding figures for the current session being

26) and 10 in the 4th year class. In all the maximum number on the rolls was 478. The total number of students at the date of inspection was 491 as compared with 429 at the date of the last inspection (February 1923). A good many applications for admission to the I. Sc. and B. Sc. classes have had to be rejected owing to want of accommodation. The I. Sc. laboratory was originally designed for 64 students (32 in each class); but these limits have been exceeded, the necessary additional facilities being afforded by partitioning the I. Sc. students' cupboard. The total number of students admitted during the current session, with Calcutta University qualifications, is 24—*viz.*, 15 to the I.A., 3 to the I. Sc., 2 to the B.A., and 4 to the B. Sc. classes. The college is designed for 600 students—*viz.*, 200 in the 1st year, 200 in the 2nd year, 10 each in the 3rd and 4th year classes.

#### RESULTS IN UNIVERSITY EXAMINATIONS.

18. The following is a summary of the college result at the Annual and Supplementary Examinations of 1924:—

	<i>B.A. Exam.</i>		<i>I.A. Exam.</i>		<i>I. Sc. Exam.</i>	
	Annl.	Suply.	Annl.	Suply.	Annl.	Suply.
No. who appeared ...	76	41	132	68	44	17
———passed ...	37	20	42	25	21	ml.
Percentage passing	48.6	48.7	31.8	36.7	47.7	
( Do. do. in the University as a whole )	56.5	47.8	43.7	37.1	47.3	42.4

Of 7 students sent up for Honours in English, 5 obtained Second Class Honours. Two students passed the B. A. Examination with distinction. In the I.A. Annual Examination, 14 of the students who appeared failed in English only. Better results might have been obtained at this examination, if rather greater strictness had been exercised at the College Test Examination. Of 139 students in the class at the time of the Test, to which must be added 10 ex-students, 136 were sent up. It is remarkable that not a single student sent up for the I. Sc. Supplementary Examination passed. The results at the Annual, on the other hand, were quite fair.

#### COLLEGIATE LIFE.

19. The college enjoys the traditions of an active and many-sided corporate life, which, in its present fine buildings and spacious grounds it has splendid opportunities to develop. On the day of inspection there was a meeting of the old-established Literary Union. Many members of the college staff were present, and several participated in the proceedings; and there was a large attendance of students. If such a gathering of staff and students is at all typical, it is indicative of a spirit of fellowship which is all too rare in Indian colleges.

20. During the period under review (the session of 1923-24), the Literary Union held three meetings; the Historical Society and the Philosophical Society five each; and the Economic Society two. Three excursions were undertaken by the last-named Society (to the Tata Iron and Steel Works; the Banga Luxmi Cotton Mills of Serampore; and the Bhagalpur Tanneries, Akbarnagar); and members of the Historical Society made an excursion to Bodh Gaya. Prizes of books and two silver medals were awarded for the best papers read at meetings of the Economic Society and the Historical Society, respec-

tively. The Professor of Economics has made an instructive collection of materials, designed to illustrate the successive stages in a number of manufacturing processes. This forms part of a small Economic Museum.

21. The only issue of the college magazine published last session was a double number for July and October 1923; and up to the date of inspection, no number of the magazine has yet appeared this session. It is a pity that this excellent feature of the corporate life of the college should suffer eclipse.

22. The following newspapers and periodicals were obtained for the common-room during 1923-24. The *Amrita Bazar Patrika*, though discontinued this session in the College common-room, is still subscribed for in the Hostel common-room.

*Newspapers* :—Englishman ; A. B. Patrika ; Leader ; Weekly Times of India.

*Periodicals* :—( English ) Indian Social Reformer ; Nation and Athenæum ; Scientific America ; Popular Science Monthly ; Nineteenth Century and After ; Strand Magazine ; Modern Review ; Indian Review. ( Hindi ) Saraswati ; Madhuri ; Chitramoy Jagat ; Probha ; Sharada. ( Bengali ) Prabasi ; Bharati ; Bharatbarsa, Basumati (monthly) Manashi-o-Marmavani ; Prachi ; Bangobani. ( Urdu ) Nigar ; Zamana ; Shabab Urdu ; Ma'ariff.

23. The Social Service League displayed creditable activity at the time of the disastrous floods in Shahabad and other districts of Bihar in 1923, in collecting funds for the relief of distress. By means of singing parties and theatrical performances, as well as by collecting subscriptions, a sum of nearly Rs. 700 was raised, and was remitted to various distributing centres. There is a Poor Boys' Fund, which is administered by the Principal, and assists a number of deserving students by paying half their tuition fees. Every student subscribes half an anna a month to this fund. In addition, there is a Government grant of Rs. 300 for assisting poor and meritorious students.

24. The Athletic Union is an active body. An outstanding event in the year under review was the holding, for the first time in the history of the college, of Athletic Sports. These were a great success; and it is intended to make them an annual institution. Two additional tennis courts have been provided, making five in all, as well as a second playing-field for football and hockey. The college possesses a covered gymnasium, fitted with the necessary apparatus; but in the absence of an instructor, practically no use is made of it. Physical exercise of some kind is nominally compulsory for Hostel students; but there is nobody whose business it is to organize this. With the appointment of a drill and gymnastic instructor, it would be possible not only to utilize the gymnasium (which ought to be a great resource for Hostel students, especially if it is lighted, so that it can be used in the evening), but to organize drill and gymnastics for all students, day-students and Hostel students alike. We recommend very strongly to the College Committee the appointment of a duly qualified instructor. Though not strictly required by the University Regulations, such an officer, in our opinion, is indispensable in a college of this standing.

#### STATE OF DISCIPLINE.

25. With one exception a case of individual insubordination, which was suitably dealt with--no serious breach of discipline was reported as having occurred during the period under review.

## RESIDENCE OF STUDENTS.

26. Out of a total of 491 students on the rolls at the date of inspection, 202 (or 41.2 per cent.) were living in the hostels. The corresponding figure at the date of the last inspection (February 1923) was 179, or 40.8 per cent. The hostel premises consist of two large wings to the main college buildings. The quadrangles contain very pleasant gardens; and there are large and well-appointed common-rooms. Each wing is under the charge of a resident Hostel Superintendent, the number of Superintendents having been reduced from 4 to 2 in the year under review. There is no separate hostel for Muhammadan students; but a number of rooms in one wing is occupied by Muhammadan boarders, who live side by side with Hindus under the same Hindu Superintendent—an arrangement which appears to work quite well. The installation of electric light in the hostels is a very great improvement. When funds permit, the hostels should be re-furnished; the present furniture supplied to the boarders is quite unworthy of the buildings. Steps should be taken to prevent the latrines attached to the hostels, which are intended for use at night only, being used during the day. The need for some means of draining the upper-floor verandahs has been referred to in para 9.

27. The Students' Residence Committee is not functioning properly. The work of inspecting and reporting upon the conditions under which the day-students are living is divided amongst a number of members of the teaching staff. At the date of inspection, only two reports had been received, for the current session. All these reports should be in the hands of the Principal before the beginning of the Puja vacation; and they should be based on more systematic inquiries than heretofore, so that the Principal, by reference to the tabulated information about each student, can form his own opinion as to whether the conditions under which the student is living are such as can be approved, or whether he should be required to enter the hostel. There is ample accommodation still available in the hostel; and it is clearly the duty of the Principal, assisted by the Students' Residence Committee, to see that all students, who are unable to make satisfactory arrangements for their residence outside, should enter the hostel. Nothing can contribute more effectively than this to the welfare of the student—physical, moral, and intellectual—and it might be expected that those members of the college staff who are asked to conduct the necessary inquiries would realize this, and apply themselves with corresponding zeal to the work.

## RECOMMENDATIONS.

28. The following are the main recommendations:—

- (a) The general cash-book should be regularly and systematically checked by the Principal (para 2).
- (b) The college accounts should be regularly and promptly audited (para 4). We suggest that the Syndicate should ask Government to arrange for the audit by the Examiner of Local Accounts.
- (c) Means should be provided for draining the upper-floor verandahs of the hostel (para 9).
- (d) A duly qualified drill and gymnastic instructor should be appointed (para 24).
- (e) The Students' Residence Committee should be made to function properly (para 27).



## APPENDIX I.

Return of the Pay, Qualifications etc. of the Teaching Staff.

Name.	Post : Academic Qualifications (Degrees, class and year)..	Period of service in this college (years and months.)		Pay. Rs.	Remarks.
		yrs.	m.		
1 Principal S. Sen, M. A., B. L.	Principal and Senior prof. of English ; M. A. (Cal.), First in the First Class, Gold medalist, 1899.	2	4	570	
2 Vice-Principal I. C. Misra, M. A.	Prof. of English; M. A., 1883.	11		310	
3 Prof. B. C. Sinha, M. A.	Prof. of Philosophy ; M. A., 2nd Class, 1889.	30		310	
4 „ H. L. Das Gupta, M. A.	Prof. of Chemistry ; M. A., 2nd Class, 1911.	12		310	
5 „ T. N. Basu, M. A.	Prof. of Economic; M. A., 2nd Class, 1911.	13		310	
6 „ K. C. Chakravarti, M. A.	Prof. of Sanskrit ; M. A., 3rd Class, 1908 ; M. A. in Eng. 3rd Class, 1911.	15		310	
7 „ G. B. Mitra, M. A.	Prof. of Math., M. A., 3rd Class, 1908.	14		310	
8 „ N. Acharya, M. A., B. L.	Prof. of History ; M. A. 1st Class. 1919.	3	4	185	
9 „ S.N. Banerjee, M. Sc.	Prof. of Physics ; M. Sc. 2nd Class, 1918.	3	6	160	
10 „ A. Majeed	Prof. of Persian (Lucknow and Delhi Diplomas).	20		230	
11 Mr. K. B. Gupta, M. A.	1st Lecturer in English ; M. A. 2nd Class, 1911.	12		215	
12 Mr. S. K. Dutta M. A.	2nd Lecturer in English, M. A., 2nd class, 1917.	5	10	155	
13 „ M. M. Sarkhel M. A. B. L.	3rd Lecturer in English ; M. A., 2nd class, 1912.	5	10	155	
14 „ B. N. Kanjilal M. A.	1st Lecturer in Philosophy & Logic ; M. A., Philosophy 2nd class, 1917 ; M.A., Eng. 2nd class, 1923.	5	10	155	
15 „ J. C. Sen Majumdar, M. A.	2nd Lecturer in Phil. & Logic ; M. A., 2nd class, 1917.	4	10	140	
16 „ K. K. Bose, M. A.	Lecturer in Hist. M. A. 2nd class, 1919.	4	4	140	
17 „ N. D. Banerjee M. A.	Lecturer in Math. M. A., 3rd class, 1911.	11		185	
18 „ S. P. Pandey,	Lecturer in Sans. ; Cit. Ex. Cal. University, ( Kavya-Tārtha ), 1892.	14		215	
19 „ A. Ahmed. M. A.	Lecturer in Persian; M. A., 2nd class, 1904.	7	10	170	

Name	Post ; Academic Qualifications (Degrees class, and year).	Period of service in this college (years and months.)		Pay. Rs.	Remarks.
20 Mr. S. C. Pramanik, M. Sc.	1st Lecturer in Phys.; M. Sc., 2nd class, 1921.	1	6	110	
21 „ P. B. Gupta, M. Sc.	2nd Lecturer in Phys. ; M. Sc., 2nd class, 1922.	1	6	110	
22 „ J. B. Biswas, M. Sc.	1st Lecturer in Chem; M. Sc., 2nd class, 1921.	1	6	110	
23 „ R. R. Bhattacharya, M. Sc.	2nd Lecturer in Chem. M. Sc., 2nd class, 1913.		5	110	
24 „ M. P. Chowdhury, B. Sc.	Asst. Demonstrator in Phys., B. Sc., 2nd class, Hons. 1920.		4	60	
25 „ S. N. Banerjee, B. Sc.	Asst. Demonstrator in Chem. B. Sc., with Distinction 1920.		4	60	

## APPENDIX II.

A detailed return of *Weekly Curriculum* in all subjects.

## SUBJECT ENGLISH.

Class.	Name of teachers.	No. of lectures.	No. of tutorial periods.	No. of students in class.	No. of tutorial batches.	REMARKS.
4th Year Hons.	Principal S. Sen	1	...	10	1	
	Prof. I. C. Misra	1	1	...	...	
	„ K. V. Gupta	1	...	...	...	
	„ S. K. Dutt	1	...	...	...	
	„ M. M. Sarkhel	1	...	...	...	
4th Year Pass.	Principal S. Sen	2	...	...	...	
	Prof. I. C. Misra	1	...	...	...	
	„ K. V. Gupta	1	6	83	6	
	„ S. K. Dutt	1	...	...	...	
	„ M. M. Sarkhel	1	...	...	...	
3rd Year Hons.	Principal S. Sen	1	1	11	1	
	Prof. I. C. Misra	1	...	...	...	
	„ K. V. Gupta	1	...	...	...	
	„ S. K. Dutt	1	...	...	...	
	„ M. M. Sarkhel	1	...	...	...	
3rd Year Pass.	Principal S. Sen	1	...	...	...	
	Prof. I. C. Misra	2	4	54	4	
	„ K. V. Gupta	1	...	...	...	
	„ S. K. Dutt	1	...	...	...	
	„ M. M. Sarkhel	nil	...	...	...	
2nd Year.	Principal S. Sen	2(Sec.A-1,Sec.B-1)	...	...	...	
	Prof. I. C. Misra	2 „ „	1	186	18	
	„ K. V. Gupta	2	5	...	...	
	„ S. K. Dutt	2	6	...	...	
	„ M. M. Sarkhel	2	6	...	...	
1st Year.	Principal S. Sen	2(Sec.A-1,Sec.B-1)	...	145	13	
	Prof. I. C. Misra	4( „ „ 2, „ „ 2)	...	...	...	
	„ K. V. Gupta	2	1	...	...	
	„ S. K. Dutt	2( „ „ 1, „ „ 1)	5	...	...	
	„ M. M. Sarkhel	2( „ „ 1, „ „ 1)	7	...	...	

A detailed return of *Weekly Curriculum* in all subjects.

## SUBJECT : PHILOSOPHY &amp; LOGIC.

Class.	Name of Teacher.	No. of lectures.	No. of tutorial (or practical) periods.	No. of students in class.	No. of tutorial (or practical) batches.	REMARKS.
4th Year Pass ...	Prof. B. C. Sinha	2	2	26	2	
	„ B. N. Kanjilal	2	2	...	...	
	„ J. C. Sen Mazumdar	2	2	...	...	
3rd Year Pass ...	Prof. B. C. Sinha	2	1	11	1	
	„ B. N. Kanjilal	1	1	...	...	
	„ J. C. Sen Mazumdar	2	1	...	...	
2nd Year ...	Prof. B. C. Sinha	4(Sec.A2,B2.)	...	137	11	
	„ B. N. Kanjilal	...	...	...	...	
	„ J. C. Sen Mazumdar	...	11	...	...	
1st Year ...	Prof. B. C. Sinha	...	...	94	7	
	„ B. N. Kanjilal	4	7	...	...	
	„ J. C. Sen-Mazumdar	...	...	...	...	

## SUBJECT : HISTORY.

4th Year Pass ...	Prof. N. Acharya	3	2	25	2	
	„ K. K. Bose	2	2			
3rd Year Pass ...	Prof. N. Acharya	2	1	19	2	
	„ K. K. Bose	2	1			
2nd Year ...	Prof. N. Acharya	2	3	112	9	
	„ K. K. Bose	2	6			
1st Year ...	Prof. N. Acharya	2	4	87	6	
	„ K. K. Bose	2	2			

## SUBJECT : MATHEMATICS.

4th Year Pass ...	Prof. G. B. Mitra	2	2	26	2	
	„ N. D. Banerji.	2	2			
3rd Year Pass ...	Prof. G. B. Mitra.	2	1	18	2	
	„ N. D. Banerji.	2	1			
2nd Year ...	Prof. G. B. Mitra.	2	5	93	9	
	„ N. D. Banerji	2	4			
1st Year ...	Prof. G. B. Mitra.	2	3	79	6	
	„ N. D. Banerji.	2	3			

A detailed return of *Weekly Curriculum* in all subjects.

## SUBJECT : ECONOMICS.

Class.	Name of Teacher.	No. of lectures	No. of tutorial ( or practical ) periods.	No. of students in class.	No. of tutorial ( or practical ) batches.	REMARKS.
4th Year Pass	Prof. T. N. Bose	5	2	30	2	
3rd Year Pass	Prof. T. N. Bose.	5	2	23	2	

## SUBJECT : SANSKRIT

4th Year Pass	Prof. K. C. Chakravarty...	3	1	27	2	
	" S. P. Pandey ...	2	1	...	...	
3rd Year Pass	Prof. K. C. Chakravarty...	2	1	15	1	
	" S. P. Pandey ...	2	...	...	...	
2nd Year	Prof. K. C. Chakravarty...	2	3	89	6	
	" S. P. Pandey ...	2	3	...	...	
1st Year	Prof. K. C. Chakravarty...	2	2	55	4	
	" S. P. Pandey ...	2	2	...	...	

## SUBJECT : PERSIAN.

Class.	Name of teachers.	No. of lectures.	No. of tutorial ( or practical ) periods.	No. of students in class.	No. of tutorial ( or practical ) batches.	REMARKS.
4th Year Pass	Prof. A. Majid	2	2	12	2	
	" A. Ahmad	2	2	...	...	
3rd Year Pass	Prof. A. Majid	2	1	12	1	
	" A. Ahmad	2	1	...	...	
2nd Year	Prof. A. Majid	2	1	31	2	
	" A. Ahmad	2	1	...	...	
1st Year	Prof. A. Majid	2	1	23	2	
	" A. Ahmad	2	1	...	...	

A detailed return of *Weekly Curriculum* in all subjects

## SUBJECT : VERNACULAR

Class.	Name of Teacher.	No. of lectures.	No. of tutorial ( or practical ) periods.	No. of students in class.	No. of tutorial ( or practical ) batches.	REMARKS.
4th Year Pass ...	Prof. K. V. Gupta ...	1 (Beng.)	..	12	..	
	" S. P. Pandey ...	1 (Hindi)	..	47	..	
	" A. Ahmad ...	1 (Urdu)	..	24	..	
3rd Year Pass ...	Prof. K. V. Gupta ...	1 (Beng.)	..	6	..	
	" S. P. Pandey ...	1 (Hindi)	..	25	..	
	" A. Ahmad ...	1 (Urdu)	..	13	..	
2nd Year ...	Prof. K. C. Chakravarty ...	1 (Beng.)	..	26	..	
	" S. P. Pandey ...	1 (Hindi)	..	20	..	
	" A. Majid ...	1 (Urdu)	..	40	..	
1st Year ...	Prof. K. C. Chakravarty ...	1 (Beng.)	..	39	..	
	" S. P. Pandey ...	1 (Hindi)	..	78	..	
	" A. Majid ...	1 (Urdu)	..	28	..	

## SUBJECT : CHEMISTRY.

4th Year Pass. ...	Professor H. L. Das Gupta	4	1	1	1	
	" I. B. Biswas	0	1	0		
	" P. L. Chatterji	0	0	0		
3rd Year Pass. ...	Professor H. L. Das Gupta	3	1	10	1	
	" I. B. Biswas	3	1	0		
	" P. L. Chatterji	0	1	0		
2nd Year. ...	Professor H. L. Das Gupta	3	2	50	2	
	" I. B. Biswas	1	3			
	" P. L. Chatterji	0	3			
1st Year. ...	Professor H. L. Das Gupta	1	0	52	2	
	" I. B. Biswas	3	1			
	" P. L. Chatterji	0	5			

A detailed return of *Weekly Curriculum* in all subjects.

SUBJECT : PHYSICS.

Class.	Name of Teacher.	No. of lectures.	No. of tutorial (or practical) periods.	No. of students in class.	No. of tutorial (or practical) batches.	REMARKS
4th Year Pass-	Prof. S. N. Banerji	...	...	...	...	
	„ S. C. Pramanic	...	...	...	...	
	„ P. B. Gupta	...	...	...	...	
3rd Year Pass. ...	Prof. S. N. Banerji	2	4	10	1	
	„ S. C. Pramanic	2	2			
	„ P. B. Gupta	2	1			
2nd Year. ...	Prof. S. N. Banerji	2	3	49	2	
	„ S. C. Pramanic	1	2			
	„ P. B. Gupta	2	2			
1st Year. ...	Prof. S. N. Banerji	1	...	52	2	
	„ S. C. Pramanic	2	3			
	„ P. B. Gupta	2	3			

# REPORT

## ON THE DIAMOND JUBILEE COLLEGE, MONGHYR, FOR 1924-25

( Inspected by MR. E. A. HORNE on the 20th December, 1924.)

### ADMINISTRATION.

1. There were 10 meetings of the Governing Body during the session 1923-24. These were mainly occupied with the discussion of plans for the new college buildings. At a meeting held on the 2nd September, 1923, it was decided to award two prizes worth Rs. 15, on the results of the Annual Examination. A sum of Rs 1,000 has been given by Raja Raghunandan Prasad Singh for the award of a gold medal annually, in memory of his brother the late Raja Shivanandan Prasad Singh, O.B.E., on the results of the University I. A. Examination. At a meeting held on the 10th March, 1924, the offer made by Babu Ramdhin Chaudhary, the contractor for the new buildings, to construct, at his own expense, a block for I. Sc. teaching, with accommodation for 40 students, was gratefully accepted by the Governing Body. At a meeting held on the 10th May, 1924, the subject of a proposed amalgamation with the college of the extra sections of the four highest classes of the local Zila School was discussed. The Governing Body did not favour the proposal. This session, up to the date of inspection, there has been only one meeting of the Governing Body; another is to be held shortly. Rai Bahadur Dulip Narayan Singh has taken the place of Babu Hem Chandra Bose on the Governing Body. There is no representative at present, of the local Domiciled Bengali community, as required by the constitution. It is regrettable that many of the members of the Governing Body very seldom attend its meetings, and show little interest in the future of the college. As a rule the attendance at these meetings is limited to a bare quorum ( 5 members ). Besides the Principal, *ex-officio*, there is one elected representative of the teaching staff on the Governing Body. Last session this was Maulavi S. A. Hussain. This session Mr. P. G. Dutt, Lecturer in Logic, has been elected. Raja Devakinandan Prasad Singh, M.L.C., is the Secretary. The late Maharaja Bahadur of Gidhaur was Patron of the college. He died in November 1923, and his place has not been filled.

2. Meetings of the council of the teaching staff are held from time to time ; there were three such meetings in 1923-24. As a rule, these are of a purely formal character ; but in July last ( at the beginning of the present session ) there was a discussion on the teaching methods to be adopted to obtain better results at the I. A. Examination.

3. The college accounts and registers were found in good order. The office clerk, who also acts as librarian and whose pay is Rs. 33 a month, has been required to give security of Rs. 200, in accordance with a recommendation made by the University Inspectors in 1921. Except as regards Trust funds, there has been no audit of the college accounts since 1916. Provision should be made for a regular annual audit.

## FINANCE.

4. The following is a statement of income and expenditure for the year 1923-24 :—

INCOME			EXPENDITURE.		
<i>Principal heads.</i>	<i>Rs.</i>	<i>a. p.</i>	<i>Principal heads</i>	<i>Rs.</i>	<i>a. p.</i>
			(1) Teaching staff	10,369	8 8
1. Opening balance	1,091	0 7	Clerk	396	0 0
Arrears from Ulao Estates	4,300	0 0	Menials	432	11 2
2. Fees and fines	3,556	6 6	Allowance to Hostel-Superintendent	150	0 0
Hostel seat-rents	118	0 0	Medical Officer	20	0 0
Grant-in-aid	6,050	0 0	Contribution to Provident Fund	362	7 6
Government grant for meritorious poor students	100	0 0	Library	192	8 0
Bahadurpur endowment	770	0 0	Scholarships	133	5 4
Ulao Estate	1,200	0 0	Aid to poor students	86	9 6
Interest on securities	435	10 10	Office contingencies	241	13 3
Scholarships	133	5 4	Hot weather charges	42	10 0
Miscellaneous receipts	99	9 0	Furniture	20	0 0
3. For the new buildings and furniture :—	4,500	0 0	Advertisements	10	12 0
Government grant			Miscellaneous (including Matriculation ceremony)	90	9 11
Withdrawn from Provincial Co-operative Bank	49,518	15 0	2. For the new buildings and furniture :—		
			Expenditure	45,247	4 10
			Deposited in Provincial Co-operative Bank	8,500	0 0
			3. Revenue and Cess (Ulao Estate)	70	15 0
			Closing Balance	5,515	11 7
<b>Totals—</b>					
	(1)	5,391 0 7		(1)	12,548 15 4
	(2)	12,472 15 2		(2)	53,747 4 10
	(3)	54,018 15 0		(3)	5,586 10 7
<b>GRAND TOTAL</b>	...	71,882 14 9		71,882	14 9

5. It will be seen, by comparing the total (2) for items of normal income with the total (1) for items of normal recurring expenditure, that the college is just paying its way. With effect from July 1921, the grant-in-aid has been raised from Rs. 225 to Rs. 550 a month—an increase of Rs. 3,900 a year. The Principal is to be congratulated on the success which has at last rewarded his persistent efforts to recover the arrears due to the college from Ulao Estate; and a sum of Rs. 5,000 has been placed on fixed deposit, yielding an annual income of Rs. 350. Apart from some Rs. 900, which have been written off, these arrears have now been recovered in full; and it is hoped that the Kists will be paid regularly, in future. Since the date of the last inspection (March 1922), a substantial economy has been effected in the allowance paid to the Medical Officer. Formerly, he was paid Rs. 30 a month (*plus* a conveyance allowance of Rs. 6) for 9 months, and visited the Hostel once a week. He is now summoned only when necessary and is paid for each visit. This item of expenditure has accordingly been reduced from Rs. 324 to Rs. 10 in 1922-23 and Rs. 20 in 1923-24. Formerly, no seat-rent was charged in the Hostel. Since July 1923, a seat-rent of Rs. 2



a month has been charged, yielding an income, in 1923-24, of Rs. 118. With effect from the 1st November, 1922, the pay of the Pandit and the Maulavi was raised from Rs. 45 to Rs. 60 a month. In April 1923, the Governing Body resolved to establish a Provident Fund, on a 5 per cent. basis, for the teaching and clerical staff; and effect was given to this in July of the same year. The proceeds are invested in Post Office Cash Certificates.

#### BUILDINGS.

6. The new buildings are nearing completion. The main college building is on a quadrangular plan, and contains 7 class-rooms (including a hall to accommodate 150 students), Principal's room, library, office, students' common-room, and staff common-room. The hostel (with Superintendent's quarters attached), the cost of which has been borne by Raja Raghunandan Prasad Singh, is designed to accommodate 33 boarders, in three-seated rooms. In addition, there are servants' quarters and tiffin room, and a house for the Principal. A latrine for the college has still to be built; and some extensive levelling work has to be carried out. The site which has been selected, while near enough to the town, is open and healthy; the buildings are commodious, and will be well furnished. The furniture (for which Government made a special grant of Rs. 4,500) has already been made, and is in use in the present college buildings. The college should, therefore, be extremely well off in its new premises. Towards the cost the public have contributed some Rs. 66,000 (including a donation by Lord Sinha, when Governor of the Province, of Rs. 2,000), and Government Rs. 15,200—which included the cost of most of the land, Rs. 6,000, and of the furniture, as mentioned above.

#### LIBRARY.

7. Something has been done to improve the Vernacular sections; and the History section is receiving attention (both as regards books and maps), thanks to the interest of the Principal in the subject. A deposit of Rs. 2 (reduced from Rs. 5) is required of students making use of the library; and in the year under review, only four students availed themselves of the facilities provided. This session the deposit has been made compulsory. While extremely little use is made of the library by the students, the teaching staff feel keenly the need of better facilities. The only periodical subscribed for is *The Indian Antiquary*.

#### TEACHING STAFF AND COLLEGE CURRICULUM.

8. Full particulars with respect to the teaching staff are contained in Appendix I. There have been no changes during the last five years. Details of the weekly curriculum in all subjects, for the current session, are given in Appendix II. The application made by the college authorities in 1922 for admission to the I. A. standard in Bengali, Hindi, and Urdu as principal subjects was rejected on the grounds (a) that Bengali and Hindi should be taught by teachers specially qualified in these subjects, as to which no proposals had been put forward; and (b) that, as regards Bengali, Hindi, and Urdu literature, the library was quite inadequate, and the college not in a position to equip it properly.

9. Pandit Balmakund Misra, who is at present in his 20th year of service in the college, has earned the right to retire; and in the interest of the college, he may reasonably be asked to give place to a younger man. In view of his long service, we recommend that he be granted some suitable gratuity on superannuation.

## NUMERICAL STRENGTH.

10. There has been some improvement since the date of the last inspection (March) 1922, when the total number on the rolls was 33, as compared with 49 at the date of the present inspection. There was a big drop in admissions this session, however, which is attributed to the poor results at the last Matriculation Examination. The fluctuation in the numbers in recent years is shown below. At the date of inspection, there were 14 students on the rolls of the 1st Year class — three students having discontinued their studies, and one having joined the college on transfer. Of these 14, 12 belong to Monghyr; 4 matriculated at Calcutta, and 3 at the Patna Supplementary.

No. on the rolls ( in September ).	In the 1st Year Class.	2nd Year Class.	Total
1922	26	17	43
1923	28	33	61
1924	16	35	51

## RESULTS IN UNIVERSITY EXAMINATIONS.

11. The following is a summary of the college results at the Annual and Supplementary I. A. Examinations of 1923 and 1924:—

	1923.		1924.	
	Annual.	Suply.	Annual.	Suply.
No. who appeared	9	8	23	18
No. who passed	5	4	7	8
Percentage passing	55.5	50.0	30.4	44.4
( Do. do. in the University as a whole )	44.1	36.7	43.7	37.1

12. It will be seen that the results for 1923, both at the Annual and Supplementary Examinations were distinctly above the average for the University as a whole. In 1924, however, the results at the annual Examination were disappointing. At that Examination roughly two out of every three of those sent up failed in English, and both in Logic and Sanskrit nearly half the number sent up failed. The college is seriously handicapped by its failure to attract, except in rare cases, the abler class of student. We are satisfied that everything possible is being done to help lame dogs over the stile — by the award of prizes and a gold medal (see paragraph 1 above), by intensive tutorial instruction (to which the smallness of the numbers readily lends itself), and in particular, by the careful appraisal of the work done in the tutorial classes, which furnishes a useful index of the progress made by the weaker students.

## COLLEGIATE LIFE.

13. With such a small number of students, three out of every four of whom live in the town, at a distance of three miles from the present college premises, there is little scope for developing college activities outside the class-room. These are by no means neglected, however. Last session the college played 7 football matches, and was represented in the Divisional ( Olympic Sports ) Meet at Bhagalpur. —the two students entered having been selected on the results of sports held at the college. This session the college has played 11 football matches. The Principal has presented a handsome trophy for competition among local football clubs—the Mahendranath Challenge Shield. This was won by the Zila School. There is, besides a College Hockey trophy—the Johnston Peace Celebration Cup—; which was also won this

year by the Zila School. The college does not play either hockey or tennis—lack of funds being mainly responsible. There is a Badminton court, and parallel bars ; but no use is made of the latter.

14. Six meetings of the Debating Society were held during the session 1923-24 ; and three meetings have been held this session, up to the date of inspection. Such meetings are held during the last college period in the afternoon. Interest in the Historical Society has languished ; the Society held no meeting last session, and has only met once this session. A successful historical excursion, however, in which 10 students took part, and towards meeting the expenses of which the Governing Body granted Rs. 50, was undertaken to Bodh Gaya during the last Puja vacation under the guidance of the Principal.

15. The following newspapers and periodicals are provided in the students' common-room :—

Statesman ; Express ; Calcutta Review ; Review of Reviews ; Indian Review ; Viswasbharati Quarterly ; Industry ; Saraswati ; Ma'arif ; Bharatbarsa.

#### STATE OF DISCIPLINE.

16. No serious breach of discipline of any kind was reported to me as having occurred during the period under review.

#### RESIDENCE OF STUDENTS.

17. The number of students living in the hostel at the date of inspection was twelve, as compared with only one at the date of the last inspection ( March 1922 ). Last session there were as many as 17 boarders. As mentioned in paragraph 5 above, a seat-rent of Rs. 2 a month is charged. Living in the hostel is inexpensive ; there is a resident Superintendent, a member of the teaching staff, as well as the Principal near at hand ; and the advantages of residence in the hostel are so great, from every point of view, that no students of the college should be allowed to live outside, unless he is living with his parents, or with a local guardian approved by the Principal ( *cf.* Regulation 1 of Chapter XXIII of the Regulations ) and under conditions, as to which the Principal has satisfied himself that they are “without detriment to his health, studies, or character” ( *cf.* Regulation 25 of the same chapter ). Before the Principal can possibly be in a position to satisfy himself on this point and so decide whether he can approve or not of the proposed local guardian it is necessary that he should depute one or more members of the teaching staff ( constituting a Students' Residence Committee ) to visit the house where the student proposes to live, and to submit a detailed report in every case as to whether the student is actually living with his proposed guardian ; whether the latter is a fit and proper person to be the guardian of the student ; and whether the sanitary and other conditions are satisfactory. At present, no such inquiries are made, and apparently, there is no scrutiny whatever of the applications submitted by students for the recognition of local guardians. The number of students recorded as living with local guardians, at the date of inspection, was 21 ( 16 being recorded as living with their parents ) ; and it is probable that a number of these would be better off in every way, and would make better progress with their studies, if they came into the hostel. When the hostel attached to the new college buildings is occupied, good lamps should be provided in each room. At present the boarders provide their own lamps ; and the hurricane lantern, which is all that most of them can afford, is not a good light to read by.

## FUTURE OF THE COLLEGE.

18. As long as the college consists of only two I.A. classes, even if the numbers improve, as it is hoped they will, when the college is moved nearer the town, it cannot be an institution with very much life in it; and under its present Principal, and in its new buildings, the college deserves better things. At the same time, it would be most unwise, in our opinion, to entertain for a moment the idea of the college being raised to the Degree standard ( this involving, of course, an amendment of the University Act ), or even of opening I. Sc. classes, until it is seen how the college prospers in its new and permanent home. A proposal which has much to recommend it, at the present juncture, is to attach to the college four High School classes. There is sufficient accommodation, so far as buildings are concerned; and according to a scheme worked out by the Principal, not more than 5 graduate teachers, together with a teacher for Drawing and Drill, need be added to the staff — the estimated cost to Government being Rs. 5,000 ( non-recurring ) and an extra grant-in-aid of Rs. 225 a month. Both staff and students would certainly gain much from the increase in their numbers; and the institution would fulfil a more useful function. Later on, if there proved to be a real demand, I.Sc. classes might be opened. As noted in paragraph 1 above, the college authorities have been offered an additional block for I.Sc. teaching, with accommodation for 40 students.

## RECOMMENDATIONS.

19. The following are the main recommendations :—

- (a) There should be a regular annual audit of the college accounts (para 3).
  - (b) Pandit Balmakund Misra, who is at present in his 20th year of service in the college, may be permitted to retire, a suitable gratuity being granted to him on superannuation ( para 9 ).
  - (c) All applications submitted by students for the recognition of local guardians should be carefully scrutinized, and the necessary inquiries instituted, before any such guardians are approved by the Principal ( para 17 ).
  - (d) The college authorities should provide good lamps for lighting the three-seated rooms in the hostel attached to the new college buildings (para 17).
-

## APPENDIX I.

Return of the Pay, Qualifications etc. of the Teaching Staff.

Name.	Post. Academic Qualifications (Degrees, class and year).	Period of ser- vice in this college (years and months)		Pay.
		Yrs.	Mths.	
1 Mr. K. P. Mitra, M. A., B. L. (Cal).	Principal & Prof. of Hist. M. A. (Cal.) in History Class I (1914) M. A. in English (1908) B. L. (1910).	5	6	300
2 Mr. S. Ray, M. A. (Cal).	Prof. of Eng. M. A. in English, Class III (1902) Passed higher grade Teachership Examination of Burma.	13	10	200
3 Mr. G. C. Sadhukhan, M. A. (Cal).	Lecturer in Math. M. A. in Mathematics, Class I (1918).	5	5	150
4 Mr. P. G. Dutt M. A., B. L. (Cal).	Lecturer in Logic, M. A. in Philosophy, Class II (1913) B. L. (1914) B. A. (Hons.) 1911.	5	3	150
5 Pandit Balmakund Misra.	Lecturer in Sanskrit, Trained at Benares.	19	5	60
6 Maulavi S. A. Hussain.	Lecturer in Persian. Educated in Delhi.	17	9	60

## APPENDIX II.

A detailed return of *Weekly Curriculum* in all subjects.

( SESSIONS 1924-25. )

Class.	Names of teachers.	No. of lectures.	No. of tutorial (or practical) periods.	No. of students in class.	No. of tutorial (or practical) batches.	Remarks.	
1st year.	English	Mr. S. R. Ray ...	6	2	14	2	<i>Total Periods</i>
2nd year.		Mr. S. R. Ray ...	7	3	35	3	18
1st year.	Logic	Mr. P. G. Dutt ..	7	2	14	2	
2nd year.		Mr. P. G. Dutt ...	6	3	35	3	18
1st year.	History	Principal ...	4	1	13	1	
2nd year.		Principal ...	5	2	33	2	12
1st year.	Math.	Mr. G. C. Sadhu Khan	6	1	5	1	
2nd year.		Mr. G. C. Sadhu Khan	5	1	9	1	13+1 vern.
1st year.	Sanskrit	P a n d i t Balmakund Misra.	6	1	7	1	14
2nd year.		P a n d i t Balmakund Misra.	6	1	19	1	14+2 vern.
1st year.	Persian	Maulavi S. A. Hussain.	6	1	3	1	16
2nd year. :		Maulavi S. A. Hussain. :	5 :	1 :	10 :	1 :	14+2 vern..
1st year.	Hindi	P a n d i t Balmakund Misra.	1	...	11	...	16
2nd year.		P a n d i t Balmakund Misra.	1	...	24	...	...
1st year.	Urdu	Maulavi S. A. Hussain	1	...	5	...	...
2nd year.		Maulavi S. A. Hussain	1	...	10	...	...
1st year.	Bengali	Mr. G. C. Sadhu Khan	1	...	x	...	...
2nd year.		Mr. G. C. Sadhu Khan	1	...	2	...	...

# REPORT ON NEW COLLEGE, PATNA.



Inspected by the Special Board consisting of R. McCombe, Esqr. Inspector of Schools, Patna Division, and the Rev. P. L. Singh Principal, St. Columba's Collegiate School, Hazaribagh, on November, 21st and 22nd.

## INTRODUCTION.

This institution prepares boys for the Matriculation and Intermediate in Arts Examination of the Patna University and also for the school leaving certificate examination of Behar and Orissa. For the intermediate in Arts examination it teaches English, Mathematics, Geography, Logic, History, Sanskrit, Persian, Arabic, Hindi, and Urdu. For the Matriculation or School Leaving Certificate Examination in addition to the compulsory subjects it teaches Sanskrit, Persian, Arabic, a further course in Mathematics (Course A and B). Manual Training, Drawing and Elementary Science (Physics and Chemistry). This is the only institution in the Province which teaches Geography up to the Intermediate Standard.

## GOVERNING BODY.

The institution is under the control of a Governing Body appointed by Government composed of the following members :—

1. The Commissioner of the Patna Division, President, Ex-officio.
2. The Principal of the College, Vice-President and Secretary."
3. The Principal of the Patna Training College, Member, Ex-officio.
4. Babu Gur Sahay Lal, M. L. C. ... .. "
5. Mr. Syed Athar Hussain, Bar-at-law M. L. C. .. "
6. Rai Bahadur Ramgopal Singh Chaudhuri ... .. "
7. Rai Sahib Mchir Nath Ray, Vakil ... .. "
8. Babu Sarat Chandra Mazumdar Professor New  
College Patna ... .. "

Last session the Governing Body met 4 times, and did its business by circulation of papers 4 times. This session it has met once and done its business by circulation of papers twice.

## THE TEACHING STAFF.

The strength of the teaching staff is given in the appendix. The staff is well qualified but we should like to see more trained teachers on it.

## NUMBERS ON THE ROLL AND CLASSES.

On the days of the inspection the number on the roll was 368; 216 on the roll of the I. A. classes and 152 on the roll of the school classes. There has been an increase of 44 on the roll since the last inspection. The I. A. classes are divided into six sections and the school classes into 5 sections. Only one of the sections 1 year contains more than 40 pupils—Percentage of attendance in School classes for the last six months was 81·4—For the corresponding period last year it was 73·6.

## APPARATUS.

The institution is well equipped for all its work. Since the last inspection of the Special Board it has spent about Rs. 1000, to improve its Geography equipment. The Observatory which the last Board recommended is not yet taken in hand, but its erection will certainly add to the efficiency of the institution. The roof of the workshop has been improved and the workshop is not so hot as it was before.

## TEACHING.

We listened to the teaching in all the classes and we were pleased to find that on the whole it was of a high order. There was a genuine attempt on the part of the teachers to avoid the old lecture system and to teach by means of question and answer. We were also pleased to find a readiness on the part of the pupils to answer the questions put to them. Religious instruction is given twice a week.

## RESULTS.

The results are given in the appendix. In this connection we are pleased to note that there is an improvement in the quality of student coming to the I. A. classes. In the first year class which contains 115 on the roll there are 11 first division students and 43 second division students. But in the second year class which contains 101 on the roll there are only 5 first division students and 38 second division students. We expect the results of the institution at all the various examinations will go on improving as time goes on.

## FINANCE.

In 1923-24 fee income amounted to Rs. 19542 and the total expenditure amounted to Rs. 60945. The figures for 1922-23 were, fee income Rs. 20774 and total expenditure Rs. 64,500.

## REGISTERS.

The registers are kept in the usual way and need no comment.

## LIBRARY AND COMMON ROOMS.

Last session 242 volumes were added to the Library at a cost of Rs. 1000. It now contains 4838 volumes. A proper catalogue we understand, will soon be finished. It appears however that the boys do not make much use of the library, although last year they made use of it more than in previous year. But to induce them to do so we recommend class libraries with suitable books in them and setting apart a couple of periods every week to read



them under the guidance and supervision of class teacher. This has been tried in some schools and the results have been very satisfactory. For the Common room the following periodicals are subscribed to:—

Blackwood Magazine, My Magazine, Times of India Illustrated weekly, The Sphere, Times Literary Supplement, Hobbies, Shababi-Urdu, Shiksha, Bharat Varsha, The Statesman, Nature, The Scottish Geographical Magazine, The Geographical Journal and The Geographical Teacher.

#### DISCIPLINE.

Discipline is good, the Principal is not one to spare the rod and spoil the child, but we were pleased to find that he was not called upon to use the rod as much as last year.

#### GAMES.

Football, Hockey are the chief games of the Institution, but tennis is also played. Attendance at games is compulsory for all the boys twice a week and the games are supervised by the teachers. We were highly pleased to learn that a proper sporting spirit was growing up among the boys. Last Foot-ball season the Second year class presented a cup to the institution calling it Spiller Cup for an inter class foot-ball competition. The competition roused great enthusiasm. All classes took part in it and no bad feeling was shown in any of the games,

#### HOSTELS.

We were disappointed to learn that the lighting arrangement of the junior Hostel had not been improved. In the interest of the boys that are there we draw the attention of the authorities again to the defect.

#### GENERAL.

The last Special Board pointed out without the I. Sc. classes the institution would never be free from serious draw backs. We do not desire to go into that matter as we understand the whole question of education institutions in Patna is under consideration. We are however pleased to note that in spite of its draw backs, under the able control of Mr. Spille the institution is acquiring some of those good characteristics which are expected in all good institutions. We notice the growth of esprited corps among the boys. All work, we found, was being done in a quite orderly way. We also noticed a readiness on the part of the staff to co-operate with the Principal. The institution possesses a debating society and a historical society. In other words we found the institution to be a good institution. Great credit is due to the Principal for all this.

In the matter of holidays we found the institution needed a change. It is allowed 90 days in the year, excluding Sundays. With only 90 days it finds it difficult to meet the requirements of all the students. After summer holidays it must re-open by the middle of June, but the Supplementary Matriculation results are not out till the beginning of August. Therefore the Supplementary Matriculates who join the institution do not get the chance of beginning their college studies from the very beginning in fact they miss the teaching for about two months. This is considerably more than what they do in other colleges which can and do re-open very

much later having longer holidays. This is fair neither to the boys nor to the Professors nor to the institution. Besides on this score, there is and will always be some discontent in the minds of the I. A. students of the college, seeing their fellow matriculates enjoying like 120 holidays in the other local colleges.

We conclude our report repeating those recommendations of the last Board which have not been put into effect, namely:—

1. That the number of trained teachers in the institution be increased.

2. That a small observatory be added to the present Geography equipment.

3. That immediate steps be taken to enable the institution to teach Science ( Physics and Chemistry ) up to the I. Sc. stage and to transfer all I. Sc. students of Patna College to this institution.

4. That the lighting arrangements of the Junior hostel be improved, and to these we add.

5. That class libraries be introduced and sometimes be set apart during school hours for the boys to read the library books under the guidance of class teachers.

6. That the question of holidays be reconsidered so that the institution may not be placed under any sort of disadvantage and the students coming to it may not in any way suffer in their training and studies.

(Sd.) P. L. SINGH.

(Sd.) R. McCOMBE.

**APPENDIX I.**  
**THE TEACHING STAFF.**

Serial No.	Name.	Qualifications.	Post.	Period of Service.	Pay.	Remarks.
1	2	3	4	5	6	7
1	T. R. Spiller, I. E. S. ...	M. A.	Principal ...	Since 13-7-23.	Rs. 700.	O. A. 200.
2	Sarat Chandra Mazumdar...	M. A. Cal.	Professor of Geography ...	" 22-1-21.	" 600.	
3	Harendra Nath Ganguly ...	" "	" " Mathematics...	" 10-9-19.	" 330.	H. A. 60.
4	Amirul Hussain ...	Tamaul Afaizid	Lecturer in Persian & Arabic ...	" 9-8-19.	" 180.	
5	Nirmalmoy Ghosh ...	M. A., Cal.	" " Logic ...	" 9-8-19.	" 180.	
6	Mohammad Quasim ...	" "	Offg. Lecturer in History ...	" 27-10-19.	" 180.	
7	Abdul Manan ...	" "	Lecture in Persian & Urdu ...	" 20-9-19.	" 180.	
8	Akshaybat Misra ...	.....	" " Sanskrit & Hindi ...	" 9-8-19.	" 180.	
9	Benoy Krishna Mallick ...	M. A., Cal.	Master ...	" 23-7-23.	" 120.	
10	Sudhir Kumar Ganguly ...	" "	Offg. Master ...	" 13-9-23.	" 110.	
11	Mangobind Bannerji ...	" "	Offg. Master ...	" 2-1-24.	" 110.	
12	Brahmadatta Tripathi ...	Kabyatirtha.	Teacher Sanskrit & Hindi...	" 21-1-14.	" 165.	
13	Rajendra Prashad ...	M. A., B. L., B. Ed.	" History, Geography & English.	" 3-7-19.	" 140.	
14	Bansidhar Ghose (on deputation No. 23 acting) ...	M. A.	" Mathematics, Geography and Mechanics ...	" 21-3-16.	" 130.	
15	Sayid Sultan Ahmed ...	M. Sc.	" Science & Mathematics ...	" 27-6-18.	" 130.	
16	Jamuna Prashad (on long leave) ...	M. A.	.....	" 3-8-22.	" 110.	
17	Baldéo Sahay ...	"	" English ...	" 4-8-11.	" 120.	
18	Dhirendra Kumar Mukharjee ...	Overseer.	" Manual Training...	" 9-11-14.	" 90.	
19	Shah Naimul Haqq ...	.....	" Persian & Urdu ...	" 9-5-15.	" 90.	
20	Ainul Huda ...	Madrassa passed.	" Arabic, Persian, Urdu ...	" 19-8-12.	" 66.	
21	Jitendra Nath Pal ...	Arts School Bombay.	Drawing Teacher ...	" 24-10-05.	" 90.	
22	Palakdhari Singh ...	Passed in drill and gymnastics.	Teacher Drill ...	" 13-10-04.	" 54.	
23	Radha Kishore Ghose (acting in place of 14) ...	M. Sc.	" Mathematics, Geography and Mechanics ...	" 3-11-24.	" 110.	

**APPENDIX II.**  
**UNIVERSITY RESULTS.**

Examination.	Total No. in class.	Ex students.	Total number sent up.	No. appeared.	Vernacular Passed.			Total.	Scholarship obtained.		REMARKS.
					1st Division.	2nd Division.	3rd Division.		Govt.	Others.	
1	2	3	4	5	6	7	8	9	10	11	
Intermediate in Arts Annual ...	...	75	3	68	67	...	...	41	...		
"    Supplementary ...	...	...	...	...	34	...	...	15	...		
Matriculation Annual ...	...	46	...	33	...	2	6	14	2		
"    Supplementary ...	...	...	...	19	...	...	3	6	...		
School Leaving Certificate ...	...	...	...	18	...	...	...	6	...	(one with distinction in Manual training.)	

# PATNA UNIVERSITY.

*Joint Report of the Inspection of Nalanda College, by the Inspectors appointed by the Board of Secondary Education and the University, Inspected by Messrs. McCombe, Spiller and D. N. Sen on November 17, 1924.*

1. There is nothing special to report about the constitution of the Governing Body, which, it appears, met 5 times in 1923-24 and once in the current session up to the time of the inspection.

2. The number of students on the rolls was 15 in the 1st year class and 24 in the second year class at the beginning of the last session and at the end of the College year the number was practically the same being less by one only. At the commencement of the present session the number was 18 in the second year class and 20 in the first year, showing an increase of seven students over last year. Of these 7 live in the College hostel and the rest with parents or local guardians. It is one of the disappointing features of second grade Colleges in the mufassal that their numerical strength is very small as compared with the I. A. classes attached to the first grade Colleges. Whereas at some of the Divisional Centres, the Colleges are becoming over-crowded, especially in the lower section, the corresponding classes in the second grade Colleges are not drawing students as they ought to do. This is very likely due to the fact that the local demand is not sufficient. The demand of other parts in Bihar could be to a certain extent satisfied, if proper residential arrangements were provided and larger salaries offered for improving the teaching staff and making it stable. The numerical strength of the lower department is 173.

3. There have been no changes in the teaching staff since the date of the last inspection. The monthly salaries range from Rs 100 to 290. The introduction of a proper scale of salaries and some provision for a provident fund are among the urgent needs. Teachers in these outlying places hardly get any opportunities for higher studies as funds available for libraries are necessarily meagre. This is a very serious disadvantage under which they labour, and it ultimately tells upon the efficiency of the institutions themselves. As the local demand for these colleges is not adequate, they will have largely to depend upon the over-flow from other more centrally situated colleges of a higher grade. With salaries which are by no means ample, with hardly any income to look forward to in their old age, and with no facilities for higher studies, the lot of a teacher in a second grade College is really hard and requires immediate amelioration.

4. The periods of work done by the teachers of the upper department range from 11 to 27 a week. The latter figure seems to be rather on the high side. In the I. A. examination 40 p. c. of the students passed in the Annual and 20 p. c. in the Supplementary Examination. In the Matriculation Examination 77 p. c. passed in the Annual and 40 p. c. in the Supplementary Examination. Tutorial classes have been given up and some attempt is being made to adapt the upper classes to school methods without conspicuous success. Lessons are still too largely harangues and no attempt appears to be made to see that students keep their note books properly. All those which the Inspectors saw were a mass of crude grammatical and spelling mistakes.

5. The question of hostel accommodation requires immediate attention. Hostel No. 1 presented a repulsive spectacle with its moist cowdung smearing, hastily painted limewash and extremely unsavoury and unsightly court yard, which was full of kitchen refuse and leavings of meals. Trenches have been dug and money found for erecting a new hostel in the College compound. The construction should be proceeded with at once. It is to be remembered that this was one of the conditions of admission and it remains still unfulfilled.

6. The college finances are in a fairly good condition, the closing balance having been Rs. 733-9-8 in 1923-24. It appears, however, that there are times of stress, as a loan has had to be taken for paying the staff though the debt was small and was paid up in a short time.

7. Regarding the recommendations of Mr. Horne, the Principal writes that negotiations are in progress for acquiring land for a playground and the construction of the Hostel has been taken in hand. No time should be lost in pushing on the construction of the Hostel as the existing Hostels, specially Hostel No. 1, are very unsuitable, as already stated.

8. A great anomaly about the banking of the college funds is that expenses are incurred out of the daily collection and only the balance is deposited in a bank and that there are 4 accounts with the bank, viz., one in the name of the President, two in the name of the Secretary and one in the name of the Principal. This has arisen out of the fact that the Co-operative Bank in which the college funds are deposited does not allow the opening of a current account and so far as the Savings Bank section is concerned does not allow more than a fixed limit and drawings are not permitted except once a week. There should be only one current account: this should be kept in the joint names of the President and Secretary, and the Principal should be given a permanent advance sufficient to cover his ordinary weekly expenditure.

# REPORT

ON

## Patna Law College for 1924-25.

*Inspected by Messrs. P. K. Sen and V. H. Jackson on February 4th, 1925.*

### ADMINISTRATION.

1. With effect from the present academic year the number of members of the Governing Body has been again increased from 9 to 10, and its present constitution is as follows :—

- |  |                                      |
|--|--------------------------------------|
| 1. The Hon'ble Sir John A. S. Bucknill, Kt., K. C. | President.                           |
| 2. The Vice-Chancellor, Patna University           | Vice-President<br><i>ex-officio.</i> |
| 3. Mr. S. P. Varma                                 | } Nominated by the Faculty of Law.   |
| 4. Mr. L. N. Sinha                                 |                                      |
| 5. The Hon'ble Khan Bahadur<br>Khwaja Muhammad Nu  | } Nominated by the Syndicate.        |
| 6. Mr. V. H. Jackson                               |                                      |
| 7. Pandit Sheonandan Roy                           | } Nominated by Government.           |
| 8. Mr. K. B. Dutt                                  |                                      |
| 9. Mr. Shiveswar Dayal                             | Elected by the teaching staff.       |
| 10. The Principal, Law College                     | Secretary, <i>ex-officio.</i>        |

We notice that only three members of the present Governing Body were also members when the College was last inspected on behalf of the University on February 9th, 1923.

No change has been made in the powers and duties of the Governing Body. These are the same as those of the corresponding bodies in Government Arts Colleges. Since 1922-23 the number of meetings in each session has been as follows :—

1922-23	5
1923-24	3
1924-25 to date	2

In each of these years the President, accompanied by other members of the Governing Body, has visited the College on one occasion during working hours.

2. There is no College Council.

3. The clerical staff has been increased, and now consists of a Head Clerk, who combines the duties of accountant and cashier, on Rs. 65-2-85, a 2nd Clerk and Librarian on Rs. 35-1-45, and a 3rd Clerk and typist on Rs. 25-1-35. The post of Head Clerk has been vacant since February, 1924, as financial irregularities were discovered, and an officiating appointment has been made. The other clerks have been only 19 and 15 months in the College respectively.

*Registers, Discipline, etc.*

4. The Principal has recently introduced a large number of new registers and books, kept neatly and methodically up-to-date, which

will add very considerably to the efficiency of his control over the administration of the College. As regards the Attendance Registers and the attendance of students at lectures it is evident that a great improvement has been effected since the College was last inspected, and that special precautions are now taken to ensure that only attendance for the full period counts. The General Cash Book is kept only in abstract form, and we consider that the arrangements by which the Principal checks the accounts are in need of improvement. The suggestion made in the last inspection report that the names of all students who have not paid their fees by the end of the month for which they are due, should be struck off the rolls, has not been carried out, and we noticed that some students were seriously in arrears. The accounts are not audited by one or more members of the Governing Body, as was also then suggested. We recommend that these suggestions should be adopted without delay, especially in view of the irregularities referred to above.

#### NUMBERS.

5. One of the most striking and significant features of the Patna Law College, which has been referred to in previous inspection reports, is the continuous and rapid increase in the number of students admitted. The figures on the 31st August of the last three years are as follows :—

	1st year	2nd year	3rd year	Total
1922	195	102	102	399
1923	203	167	110	480
1924	283	201	163	647

6. We noticed the size of the present First year Class in particular, because the number of students in it, all of whom are of course graduates, exceeded by twelve the total number of students who passed their B. A. or B. Sc. Degree from Patna University in 1924. On further enquiries we find that 234 of these students were graduates of Patna University, of whom 64 took their degrees in years previous to 1924. Of the 49 graduates of other Universities, 38 came from Calcutta, 7 from the Benares Hindu University, 2 from Allahabad and 1 each from Dacca and the Punjab. Only 5 are reported as non-domiciled. Including the figures from Cuttack, it appears that 191 out of the 271 graduates of Patna University in 1924 have joined Law Classes.

7. With effect from 1924-25 the course has been reduced from three to two years, and on the date of our inspection the number of students on the rolls was as follows :—

1st year	2nd year	3rd year	Total
274	163	39	476

of whom 384 were present on that day.

8. No students who applied in time were refused admission, and all who were subsequently admitted have had their late admission condoned. About ten students were informed by the Principal that they have no chance of completing the necessary percentage of lectures if admitted, and consequently did not take their admission.

9. It seems evident that the recent curtailment of the course, and the remarkable results attained at recent University examinations, have greatly added to the attractiveness of the College to students, and that unless neighbouring Universities similarly compete there must be a great influx of students from outside. Quite apart from these considerations, the increase in size of the First Year Class has been fairly consistent since 1917-18, when it contained 86 students, with the exception of 1921-22 when there was a considerable set-back as in other colleges, and if it were to continue at the



same rate, the number of First Year students will be nearly 600 in 1929-30; and over 1200 in 1934-35.

#### FINANCE.

10. Another remarkable feature of the Patna Law College is that, as shown in Appendix I, it has since last inspected become a source of rapidly increasing profit to Government, a loss of Rs. 6,052 in 1921-22 and of Rs. 524 in 1922-23 having been converted into a profit of Rs. 14,174 in 1923-24, and Rs. 22,450 in the present year. The cost to the individual student has been reduced with effect from the present year by approximately 30 per cent, as fee rates have not been further raised since 1st July, 1923, when they were increased from Rs. 6 to 8 whereas the length of the course has been reduced; and the appointment of a whole-time Vice-Principal has not involved any extra cost, as the premises in which the Law College is situated are now the property of Government, and therefore rent-free.

#### BUILDINGS.

11. It is disappointing to find that but for the demolition of two or three of the numerous dilapidated outhouses flanking the entrance gate, no steps have been taken to improve the entrance and its surroundings, as recommended in the last inspection report, and also that no progress has yet been made as regards the proposed improvements in the classroom accommodation described in that report. Even petty repairs with the exception of stopping leaks in roofs and replacing beams which had become dangerously rotten, as well as the cleaning, whitewashing etc., which were badly needed two years ago, have not yet been undertaken. In view of the demolition of some of the shops on the main-road, which has just taken place it appears to the committee that this is an admirable opportunity for opening up the frontage of the Law College which should on no account be missed.

12. As the two storeyed house on the left of the entrance is too weak to bear the weight of large classes on the upper floor with safety, the only room in this building which is now being used, as a lecture-room is the centre room, 22 ft. square on the ground floor. The room above this has been converted into a Students' Common Room, and the other smaller rooms are being used as part of the hostel, a makeshift and unsatisfactory arrangement.

13. The main group of buildings extends nearly 200 feet from north to south, with an average breadth of about 90 feet, and includes a bewildering medley of small courtyards, servants' quarters, out-houses, kitchens and latrines, all in a more or less disreputable state of disrepair. The principal part of the hostel is located in the northern portion, which originally was a Zenana building, part of which is two-storeyed, the upper storey being occupied by the Principal as rent-free quarters. The rooms used by students on the ground floor, especially on the east and north sides, appear to be damp, dismal and dirty.

14. On opposite sides of a smaller court-yard south of this building are the two lecture rooms used for Intermediate classes one  $28\frac{1}{2}' \times 21'$  and the other  $31' \times 12'$ . We recommend on sanitary and other grounds the immediate demolition of all the buildings round this court yard on the east and south, including the narrow room now used as a lecture room, the only one which serves any useful purpose.

15. In the southern block are two other lecture rooms, one  $28' \times 22'$  and the other  $25' \times 13\frac{1}{4}'$  together with various small offices and two rooms used for the Library. By breaking down a partition wall it would be possible to provide one lecture room of respectable size (about  $37' \times 28'$ ) in this building, but not more.

16. During the present year, a grant of Rs. 500 for furniture has been spent, principally on additional desks for students and almirahs for the Library.

17. Owing to the smallness of the lecture rooms it has been found necessary to divide each of the First and Second year Classes into four sections, and at least two more Lecturers than are really necessary have to be employed for this reason. Even after this subdivision all the lecture rooms are fully occupied, and it is difficult to see how any increase in the number of students admitted next year or in future years can possibly be provided for unless the buildings of the College are completely remodelled or rebuilt.

18. The necessity of providing suitable accommodation for the College is in our opinion so urgent that we have no hesitation in recommending that the only part of the scheme of proposed remodelling which should be proceeded with, is the conversion of the two-storeyed building on the left of the entrance into temporary class-room accommodation. As soon as this is completed, the next part of the buildings to be demolished should be the southern block of the main building. On the open space set free by this and the earlier demolition already recommended, a new and properly designed building, at least two-storeyed, should be erected. The demolition of the building now used as the hostel and Principal's quarters, though almost equally urgent, might be postponed until the new college building is completed. The total cost of the new buildings would, it seems probable, be recouped to Government from the profits of not more than 4 or 5 years working of the College.

#### LIBRARY.

19. The Library now contains 2,998 volumes, all on law. The amount spent in 1923-24 was Rs. 689 and in 1924-25, Rs. 519. The set of reprinted English Reports costing about Rs. 3,000 recommended in all inspection reports since 1914, has not yet been provided.

20. More use is being made of the Library than in former years, as last year 685 volumes were taken out by the students in the College, an increase of over 100 per cent, and during this session up to the date of inspection 862 books were taken out by students, as well as 275 volumes by the Professors.

#### THE TEACHING STAFF.

21. The necessary particulars as regards the qualifications, period of service and salary of members of the teaching staff are given in Appendix II.

22. Several changes have taken place since last inspection. Mr. S. Zainuddin, the former Principal, retired from Government Service on 31st January, 1924, and Mr. S. S. Alam, who was appointed to the whole-time post of Vice-Principal created with effect from July 1st, 1923 outside the grades, was appointed in his place, with effect from July 21st, 1924. Mr. S. M. Shareef, formerly Lecturer, has been appointed Vice-Principal from that date.

23. The number of part-time Lecturers has been increased from six to seven, two additional posts have been sanctioned with effect from July 11th, 1924, one of which fills the vacancy created by the appointment of a Vice-Principal. With effect from July 2nd, 1924, the pay of the Lecturers has been increased from Rs. 200 to 250 a month.

#### RESULTS OF UNIVERSITY EXAMINATIONS.

24. The results of the last four Preliminary, Intermediate and Final Examinations for the B. L. Degree are given in Appendix V.

Comparing these results with those of the corresponding period shown in the last inspection report, there has been a remarkable and consistent increase, at all three examinations, in the percentage of total passes, and of passes in the 1st Division.

This is illustrated in the following summary :—

	July 1921-Jan. 1923 Passes	July 1923-Jan. 1925. Passes	1921-1923	1923-1925 First Division only.
Pre. Law	194 = 60.5%	378 = 92.6%	22 = 6.8%	109 = 26.7%
Intermediate	141 = 52.6%	346 = 86.5%	13 = 4.8%	52 = 13.0%
Final	134 = 64.5%	300 = 92.0%	10 = 4.8%	42 = 12.9%

### CURRICULUM, TEACHING, ETC.,

25. The absence of a suitable hall for University examinations in Patna at present is the cause of much inconvenience to the colleges and the work of the Law College is more interrupted for this reason than that of any other. Owing to the University and the Pleadership and Mukhtiarship Examinations the College was closed on 30 and 27 working days in 1923-24 and 1924-25, respectively, but in the latter year Preliminary lectures were continued. In 1923-24, lectures were delivered on 146 days to the Preliminary, 140 days to the Intermediate, and 141 days to the Final classes. Comparing the figures as far as the end of March, lectures have been given on 29 more days to the Preliminary classes, 10 more to the Intermediate and 1 more to the Final classes, during 1924-25.

26. The courses of study prescribed by the University have been reduced from three to two years with effect from the present year, thus adding Mohammedan Law and Criminal Law to the Preliminary, and the Law of Property ( Indian and English ), Contract and Torts to the Final course. During the year transitional regulations have been in operation, which have complicated the routine considerably; as some students have been finishing their old courses.

27. The tutorial system has been revised, and students are now divided into groups for tutorial work throughout the session; but the amount of work remains altogether insufficient, considering the number of subjects taught and the great increase in the number of students in the College. 12 out of 19 periods of tutorial work each week are allotted to the Vice-Principal, and are held during the hours usual in other colleges, a useful and not inconvenient alteration. But with the present size of the Preliminary and Final Classes it is only possible for a student to receive tutorial instruction, in batches of not more than 15 students, at the rate of one tutorial class in each of the five subjects of his course, at intervals of fifteen weeks. This in our opinion is far from satisfactory.

As would appear from the last inspection report, the system of fortnightly written exercises was started last year. This seems to have been discontinued. Considering that the course of study have been reduced from three to two years, it seems that there is a greater need for intensive work and the best way of insuring it is by making proper arrangements for written exercises and, if possible, discussion of the points arising out of them in the Tutorial Classes.

### COLLEGIATE LIFE.

28. Messrs. S. N. Sahay, S. A. Manzar and B. P. Jamuar are in charge of the college athletic club, the subscription levied for its upkeep from each student being Re. 1 per annum. A hard court for tennis

has been added in the College premises during the year, but games like foot ball and hockey are played on one of the grounds of the Bakipur Maidan, which is reserved for the College. Cups for inter-class football, tennis and hockey competitions have been presented to the College.

29. A debating society has been started, but judging by the frequent postponements of the meeting it does not appear to be very successful at present.

30. Since July 1923 the College has started a Magazine, which appears four times a year, with an Editorial committee consisting of three of the Professors. This is supported by a subscription of Rs. 1-8-0 per annum from each student, which also includes the expenses of the Common Room. A grant of Rs. 270 is made by Government towards the Common Room expenses, and the following periodicals are obtained :—

The Nineteenth Century & After.	The Indian Review.
The Contemporary Review.	The Hindustan Review.
The Review of Reviews.	The Times Weekly.
The Wide World Magazine.	The Times of India Weekly.
The Standard Magazine.	Bharati.
The Scientific American.	Madhuri.
The Calcutta Review.	Humayun.
The Journal of the B. & O. Research Society.	Bengal Education Gazette. The Englishman.

#### RESIDENCE OF STUDENTS.

31. 37 students live in the College Hostel, paying Rs. 3-6-0 monthly for rent, servants, etc. We have already referred to the condition of this hostel, which remains as noted in the previous inspection report. 144 students live in attached messes under the supervision of the Inspector of Students' Residences. The remainder, a very large proportion, live with local guardians or in a few cases with their parents.

**Particulars for report on the inspection of the Patna Law College  
on 4-2-25.**

*I. Members of Governing Body.*

1. The Hon'ble Justice Sir John A. S. Bucknill, Kt., K. C.,  
President.
2. Mr. Syed Sultan Ahmed Vice-President.
3. Mr. V. H. Jackson.
4. The Hon'ble Khar. Bahadur Khwaja Muhammad Noor.
5. Mr. K. B. Dutt.
6. Mr. Lakshmi Narayan Sinha.
7. Pandit Shivanandan Roy.
8. Mr. S. P. Varma.
9. Mr. Shiveshwar Dayal.
10. The Principal, Patna Law College.

*II. Meetings of Governing Body.*

1922—23.....	5
1923—24.....	3
1924—25.....	2 till January 25.

*III. There is no College Council.*

*IV. Ministerial Staff.*

The Clerical Staff consists of the Head Clerk who is accountant and cashier on Rs. 65-2-85. There is a Librarian and 2nd Clerk on Rs. 35-1-45. A third clerk and typist was appointed in November 1923 in Class IV of the Ministerial Service.

All the three clerks are fresh to the College. The latter two were appointed on 9-7-23 & 13-11-23 respectively and the Offg. Head Clerk who holds a permanent post in the office of the District Inspector of Schools, Patna, has been officiating since 13-2-24.

*V. The following registers and books have been in existence :—*

1. Proceedings of Governing Body.
2. Attendance Registers.
3. Admission Register.
4. Account Book :—
  - (a) General Cash Book.
  - (b) Fee collection Register.
  - (c) Contract Contingent Register.
  - (d) Acquittance Roll.
5. Mark Register.
6. Conduct Register.

Of late the following registers & books have been added or revived :—

1. Casual leave Register.
2. Attendance Register for Clerks.
3. Stock Register.
4. Register—45. Lands & Houses owned by Ministerial officers.
5. Daily collection Book.
6. Transfer Certificate Book.
7. Voncher and chalan file.
8. Register of letters issued.
9. Do. Do. Received.
10. Despatch Book.
11. Peon Book.
12. Account Book of Service Postage Stamps.
13. Register of withdrawl and deposit into the Treasury.
14. Order Book.
15. Suggestion Book for Common Room.
16. Do. Do. for Library.
17. Register of Results of Examinations.
18. Do. for Roll Pat. Number.
19. Register for issuing B.L. (1st and 2nd year) certificates.

#### *VI. Finance.*

The statement of income and expenditure during the last three years is given in Appendix I.

#### *VII. Building and Furniture.*

The alterations in the buildings have been approved and they will take place in near future.

Rs. 500 was sanctioned during the year 1924-25 by the department for purchase of furniture, out of which 30 folding desks, 3 glass frame almirahs, 4 stools and 2 black boards were purchased.

#### *VIII. Library.*

- 3 (e) There are 2998 Volumes all on law. The annual grant is about 1000 each year but this seems to be insufficient for ordinary purposes. The Government may be requested to grant Rs. 3000 in order to complete the English Reports.

683 books were taken out by 480 students in 1923-24 and 862 books by 656 students in 1924-25 up to the date of inspection.

275 books were taken out by the Professors for consultation at home.

#### *IX. The Teaching Staff.*

*Vide* APPENDIX II A. AND II B.

- 3 (g) The Principal and the Vice-Principal are now both whole-time officers.

#### *X. Curriculum and Teaching.*

- 3 (f) Owing to the reduction of the B.L. course from 3 to 2 years the subjects are taught as follows:—

##### PRELIMINARY CLASS.

1. Jurisprudence.
2. Roman Law.
3. Hindu Law.

##### FINAL CLASS.

6. Land Tenure.
7. Equity.
8. Evidence and Civil Procedure.

- |                    |   |
|--------------------|---|
| 4. Muhammadan Law. | 9. Law of Property<br>(Indian and English). |
| 5. Criminal Law.   | 10. Contract and Tort.                      |

*XI. Numerical Strength.*

Year. (Session)	1st year	2nd year.	3rd year.	3 (c)
1921—22	117	107	86	
1922—23	195	102	102	
1923—24	203	167	110	
1924—25	274	202	164	

*XII. Result of University—Exams.*

The results of the last 4 P. L., I. L., and F. L., Examinations for B. L. degrees are given in appendix V. 3 (j)

*XIII. Collegiate life.*

The Vice-Principal is in charge of the Common Room. The Grant for the Common Room is Rs. 200 and Rs. 70 for Periodicals each year. A compulsory subscription of Rs. 1-8 is charged from each student for Common Room and the College Magazine. 3 (l) & (m)

There is a College Magazine, called the Patna Law College Magazine brought out 4 times a year.

The following Periodicals and Magazines are subscribed :—

Daily—The Englishman.

Monthly—The Indian Review, Hindustan Review, Madhuri, Humayun.

Education Gazette ( Bengali ) and Bharati.

Quarterly—Calcutta Review, Journal of the Bihar and Orissa Society.

The following Periodicals have been ordered for:—

1. The Strand, 2. Contemporary Review, 3. XIXth Century and After, 4 Review of Reviews. 5. Wide World Magazines. 6 Scientific American. 7 London Times Weekly.

In addition to Periodicals given above the followings are kindly sent by Sir John A. S. Bucknill.

1. The United Empire, 2 The Illustrated Times Weekly, 3. The Daily Mirror.

*XIV. Debating Society.*

The Principal, The Vice-Principal and the staff preside.

*XV. Athletic.*

Messrs. S. N. Sahay, S. A. Manzar and B. P. Jamuar are in charge of the Athletic club. 3 (l)

A compulsory fee of Re. 1 is charged from each student.

A play ground is reserved in the Bankipur Maidan on an annual rent of Rs. 5.

The Principal has given a cup for foot ball inter-class competition.

A cup has been given by Hon'ble Justice Sir John. A. S. Bucknill.

The Vice-Chancellor Mr. Syed Sultan Ahmed has promised a cup for Hockey.

*XVI. Celebrations.*

1. An Urdu Drama on	18	12	24.
2. The Durbar Day on	12	12	24.
3. Saraswati Puja on	29	1	25.

*XVII. Residence of students.*

(3) " There are 37 students residing in the college Hostel, 144 students in the attached Messes under the supervision of the Inspector of students Residence, Patna and Bankipur. The remaining live with their partens or local guardians.

S. S. ALAM,  
*Principal.*



APPENDIX I (a)

Return of Income Receipts.

Year	Opening balance	From endowment	From the funds of management	Fee Income	Government or other grant		Other Sources including subscription	TOTAL
					For capital expenditure	Recurring		
1	2	3	4	5	6	7	8	9
1921-22	...	...	...	20,502	..	6,062	...	26,564
1922-23	...	...	...	31,202	...	6,226	...	37,428
1923-24	..	...	...	45,356	...	3,383	...	48,739
...	...	...	...	58,086	...	3,514	...	61,600

( 11 )

S. S. ALAM,  
PRINCIPAL,  
*Patna Law College.*

APPENDIX I (b)

Return of Finance Expenditure

Year	On Teaching Staff	On Clerical Staff	On menial establishment	On furniture	On Library	Hostel Contingency	News papers & Periodicals	Common Room	Rent rates & Taxes.	Contract Contingency	Total
1	2	3	4	5	6	7	8	9	10	11	12
1921-22	18,660	1433	617	...	766-9-2	521-6-6	...	200	3,333	983-6-10	26,564
1922-23	20,999	1054	603	...	909	530	...	200	6,500	911-+-20	31,726
1923-24	26,010	1260	540	...	688-11-11	530	70	200	752	1131-4-1	31,182
	29,380	1639	444	...	519	722	70	200	752	+20 1181	35,406

+ Liveries for orderly peon.

S. S. ALAM,  
Principal,  
Patna Law College.

## APPENDIX II A.

## PATNA UNIVERSITY.

## FORM D.

*Return of the pay, qualifications, etc. of the teaching Staff.*

Name.	Post. Academic Qualifications (Degrees, Class and year).	Period of service in this College (years and months).	Pay.	Remarks
1. Mr. S. S. Alam. ...	Principal, M.A., LL. B., Bar-at-Law.	1 Year.	650/-	Formerly Vice-Principal from 2nd July, 1923 to 31st January, 1924.
2. Mr. S. M. Shareef ...	Vice-Principal, M. A. (Cantab), Bar-at-Law.	1 Year.	500/-	He has worked as a Lecturer for 3 years and 4 months.
3. Babu Ragho Prasad ...	Lecturer, B. A., B. L.	13 Years.	250/-	
4. Babu Shiveshwar Deyal ...	Lecturer, M. A., B. L.	9 Years and 2 months.	250/-	
5. Mr. Sri Narayan Sahay ...	Lecturer, B. Sc., Bar-at-Law.	8 Years and 4 months.	250/-	
6. Babu Nawal Kishore Pd ...	Lecturer, B. A., B. L.	3 Years and 8 months.	250/-	
7. Mr. S. A. Manzar ...	Lecturer, B. A. (Oxon), Bar-at-Law.	6 months and 21 days.	250/-	Joined on 11th July, 1924.
8. Mr. Bhagwati K u m a r Sinha ...	Lecturer, B. A., B. L.	6 months and 21 days.	250/-	Joined on 11th July, 1924.
9. Mr. B. P. Jamuar ...	Lecturer, B. A. (Oxon), Bar-at-Law.	6 months and 11 days.	250/-	Joined on 21th July, 1924.

The pay of Lecturers has been raised from Rs. 200 to Rs. 250 with effect from the 2nd July, 1923.

S. S. ALAM,  
Principal,  
Patna Law College.

## APPENDIX II (B)

## PATNA UNIVERSITY.

## FORM E.

*Particulars as to changes in the teaching staff since the date of the last inspection.*

Name of officer relieved (and post which he held).	Date of his leaving.	Reason for his leaving	Name of relieving officer.	Date of his joining.
Mr. S. Zainuddin, Principal.	31-1-24	Retirement.	Mr. S. S. Alam.	1-2-24
Mr. S. S. Alam, Vice-Principal.	31-1-24	Promotion.	Mr. S. M. Shareef.	21-7-24
Mr. S. M. Shareef, Lecturer.	20-7-24	Promotion.	Mr. B. P. Jamuar.	21-7-24

Two more new posts were sanctioned vide Govt. letter No. 2286 dated the 15th July, 1924 and the following appointments were sanctioned :—

1. Mr. S. A. Manzur 11-7-24.
2. Mr. Bhagwati Kumar  
:Sinha.: : : 11-7-24.

The post of the Vice-Principal was created from 1st July, 1923 under No. 2011 E dated the 19th June, 1923 and notification No. 2009 E dated the 20th June, 1923 from the Government in the Ministry of Education on Rs. 500—<sup>2.5</sup>/<sub>2</sub>—600.

S. S. ALAM,  
Principal,  
Patna Law College.

APPENDIX III. (a).

*Patna Law College Routine, December, 1924 to February, 1925.*

MORNING CLASS.

Day.	Second year Section-C		Second year Section-D		First year Section-C		First year Section-D		Tutorial	
	7-15 to 8-5	8.5 to 8-55	7-15 to 8-5	8-5 to 8-55	7-15 to 8-5	8-5 to 8-55	8-5 to 8-55	8-55 to 9-45	11 to 11-50	11-50 to 12-40
Monday ...	Transfer Mr. B. K. Sinha.	Muhammadian Law Mr. S. A. Manzar.	Real Property Mr. S. A. Manzar.	Contract and Tort Mr. S. N. Sahay.	Jurisprudence Mr. S. S. Alam.	Original Law Mr. B. K. Sinha.	Roman Law Mr. S. S. Alam.	Criminal Law Mr. S. N. Sahay.	Jurisprudence Mr. S. M. Shareef.	Roman Law Mr. S. M. Shareef.
Tuesday ...	"	"	"	"	"	"	"	"	"	"
Wednesday ...	"	"	"	"	"	"	"	"	"	"
Thursday ...	Real Property Mr. S. A. Manzar.	Contract & Tort Mr. S. N. Sahay.	Transfer Mr. B. K. Sinha.	Muhammadian Law Mr. S. A. Manzar.	Roman Law Mr. S. S. Alam.	"	Jurisprudence Mr. S. S. Alam.	"	Contract & Tort	Real Property
Friday ...	"	"	"	"	"	"	"	"	"	"
Saturday ...	"	"	"	"	"	Tutorial	"	Tutorial	Muhammadian Law	Transfer

S. S. ALAM,  
*Principal,*  
Patna Law College.

APPENDIX III (b)

Patna Law College Routine December, 24 to February, 1925.

EVENING CLASS.

Day.	Third year ( Special Final Class ).			Second year Section - A.		Second year Section - B.		First year Section - A.		First year Section - B.	
	3-55 to 4-45.	4-45 to 5-35	5-35 to 6-25	4-55 to 5-35	5-35 to 6-25	4-45 to 5-35	5-35 to 6-25	4-45 to 5-35	5-35 to 6-25	4-45 to 5-25	5-35 to 6-25.
Monday ...	Equity Mr. S. S. Alam	Civil Procedure Mr. S. Dayal.	Land Tenure Mr. R. Pd.	Muhammadan Law Mr. S. M. Shareef.	Transfer Mr. S. Dayal.	Contract and Tort Mr. N. K. Pd.	Real Property Mr. S. M. Shareef	Roman Law Mr. B.P. Jamuar.	Criminal Law Mr. N. K. Pd.	Criminal Law Mr. Ragbo Pd.	Roman Law Mr. B. P Jamuar.
Tuesday ...	"	"	"	"	"	"	"	"	"	"	"
Wednesday	"	"	"	"	"	"	"	"	"	"	"
Thursday	"	"	"	Contract & Tort, Mr. N. K. Pd.	Real Property Mr. S.M. Shareef.	Muhammadan Law Mr. S. M. Shareef	Transfer Mr. S. Dayal	Jurisprudence Mr. B. P. Jamuar	"	"	Jurisprudence Mr. B. P. Jamuar
Friday ...	"	"	"	"	"	"	"	"	"	"	"
Saturday	Tutorial	Tutorial	Tutorial	"	"	"	"	"	Tutorial	Tutorial	"

S. S. ALAM,  
Principal,  
Patna Law College.

## APPENDIX IV.

The teaching staff in each subject and the amount of work done per week by each member of the staff in each subject and to each class during the year 1924-25.

Serial No.	Teachers name & designation	Class & Section	Subject	No. of period per week			Total
				Lecture periods 50 minutes	Tutorial periods 50 minutes	Moot court periods 50 minutes	
1	Mr. S. S. Alam Principal	Preliminary Sec. C.	Jurisprudence	3	...	..	18
		Do. Do.	Roman Law	3	...	..	
		Do. D	Jurisprudence	3	...	..	
		Do. D	Roman Law	3	..	..	
		Final	Equity	5	1	...	
2	Mr. S. M. Shareef Vice-Principal	Intermediate Secs A&B	Muhammadan Law	6	...	...	24
		Do. Do.	Real Property	6	...	...	
		Preliminary A.B.C&D	Roman Law	—	3	...	
		Do. Do.	Jurisprudence	—	3	...	
		Intermediate Do.	Contract and Tort	—	2	...	
		Do. Do.	Real Property	—	2	...	
		Do. Do.	Muhammadan Law	—	1	...	
Do. Do.	Transfer	—	1	...			
3	Mr. Ragho Prashad Lecturer	Final	Land Tenure	5	1	...	12
		Preliminary Sec. B	Criminal Law	5	1	...	
4	Mr. Shiveshwar Dayal Lecturer	Final	Civil Procedure	5	1	...	12
		Intermediate Sec. A	Transfer	3	...	...	
		Do. Do. B	Transfer	3	...	...	
5	Mr. Sri Narayan Sahay Lecturer	Intermediate Sec. C.	Contract & Tort	3	..	...	12
		Do. Do. D	Do.	3	...	...	
		Preliminary Sec D	Criminal Law	5	1	...	
6	Mr. Nawal Kishore Prasad Lecturer	Preliminary Sec. A	Criminal Law	5	1	...	12
		Intermediate Sec. A	Contract & Tort	3	...	...	
		Do. Do. B	Do.	3	...	...	
7	Mr. S. A. Manzar Lecturer	Intermediate Sec. C	Real Property	3	...	...	12
		Do. Do.	Muhammadan Law	3	...	...	
		Do. Do. D	Real Property	3	..	...	
		Do. Do.	Muhammadan Law	3	...	...	
3	Mr. Bhagwati Kumar Sinha Lecturer	Intermediate Sec. C	Transfer	3	...	...	12
		Do. Do. D	Do.	3	...	...	
		Preliminary Sec. C	Criminal Law	5	1	...	
9	Mr. B. P. Jamuar Lecturer	Preliminary Sec. A	Roman Law	3	...	...	12
		Do. Do.	Jurisprudence	3	...	...	
		Do. Do. B	Roman Law	3	...	...	
		Do. Do. B	Jurisprudence	3	...	...	

S. S. Alam  
Principal,  
Patna Law College.

# PATNA UNIVERSITY.

## REPORT ON THE INSPECTION OF PATNA TRAINING COLLEGE FOR 1923-24 AND 1924-25.

*Inspected by Mr. F. B. Whitmore on November 24th and 25th, 1924.*

1. *Administration*—The College is managed by a Governing Body consisting of the following members:—

- (1) The Inspector of Schools, Patna Division.
- (2) The Principal of New College.
- (3) Maulvi Saiyid Muhammad Hussain, non-official member.
- (4) Mr. S. P. Sen.
- (5) The Principal Patna Training College, Secretary, ex-officio.

Business is ordinarily conducted by the circulation of papers and the records show that during 1923-24 the members of the Governing Body considered business and recorded resolutions on eight occasions. The usual registers and records are kept.

2. *Finances*—Details of the annual grants sanctioned for the College during the last 3 years are given in Appendix I.

3. *Buildings*—The Buildings remain as at the time of the last inspection. It is very desirable that a tube well should be sunk in the Hostel compound as the prefect stated that the students use water from the Ganges for drinking purposes. There is a scheme for the removal of the latrines from their position alongside those of the New College; this is very desirable on two grounds, (a) that nothing can at present prevent outsiders from using them and making them dirty and (b) they are much too far from the College and Hostel. Early steps should be taken to remove them to a suitable site on the North of the Hostel, where they can be kept clean and will be more convenient for the students. The drain to the East of the Hostel and College about which complaints were previously made, has been to some extent improved but it is still very objectionable to those passing from the Hostel to the New College, particularly in the hot weather. Steps should be taken to make it really clean and efficient.



4. *Residences*—Nothing has yet been done to provide quarters for the Professors in the immediate neighbourhood of the College. The construction of quarters for three members of the staff received administrative sanction about three years ago, but the actual work has not yet been started. It is imperative that the work should be taken in hand at an early date, as the College activities are seriously hampered by members of the staff having to live at a distance. Professors cannot be expected to take part in the College activities after lectures are over if they have to go a long way to their homes to prepare for games and social functions and to go away again when they have taken part in them. It is not necessary to dwell on this aspect of the matter at a time when the advantages of a Residential University are so well known, but clearly Government are not at present getting whole time service, and the student will continue to lose the benefit of close personal touch with their Professor as long as the present state of things continues. The residences already planned should be constructed at once and a fourth added as soon as possible.

*Staff*—At the opening of the session in July 1923, the staff of the College was as shown in Appendix II.

5. By July 1924 Mr. Dass Verma had been replaced by Mr. Henderson and Mr. S. Ahmad by Mr. J. N. Ghosh. Mr. Dass Verma only spent a few months in the College and was then transferred and Mr. S. Ahmad who was spent about three years in the College has been transferred twice during that period it is clear therefore that the attention of the Department should be called to the importance of greater continuity of service in this institution. The strongest possible staff is required in a Training College and once it has been found it should not be disturbed by continual changes as this leads to a feeling of instability and means that the improvement due to experience of this specialised work is thrown away. The greatest caution should therefore be exercised in transfers for merely departmental convenience. There were 31 meetings of the College Council during 1923-24.

6. *Library*—The Library now contains 2848 volumes. The number of books taken out by students during 1923-24 was 1281. A new catalogue is being prepared and the card index system is being introduced under the supervision of Mr. Henderson. The catalogue when ready should be printed. It is at present difficult to allow the students to use the Library for reference and occasional reading as the College is closed during their study hours. It may be suggested that a certain number of selected books say 100, be kept in the Common Room of the Hostel under the charge of the prefect and that they be thrown open under his supervision for reading

there during either the morning or the evening study periods. The selection might be changed at monthly or other suitable intervals. This would enable the students to dip into numerous books which there is no necessity for them to read carefully and would widen their horizon considerably. Experience has shown that the present Library consisting almost entirely of books on Education, is not adequate for the needs of a Training College in India. It is clear that in addition to the General Library of Educational Books separate sections are required for books on the matter of each of the subjects which are dealt with in the lectures on Method and have to be taught by the students. At present a student who has to prepare a lesson must rely entirely on those books which he possesses or can procure: he ought however to have at his disposal in the College Library plenty of advanced books to aid his preparation. This is particularly necessary in such subjects as History and Geography which depend for their effect on the wide knowledge of the teacher. Often teachers of these subjects have a very insufficient and even a mere Test Book knowledge of them and no means to improve themselves nor can they find in the Training College Libraries sufficient books to make them masters of even the small portions they propose to teach; they therefore face their class with a mere school-boy knowledge of the work to be done and in spite of their best efforts are far from impressing the critic that they are competent to teach the subject.

Knowledge of the subject matter must precede the power to teach it effectively or attractively, yet many B. A.'s in History enter their classes with diffidence and the University though it has made Geography a compulsory subject for the Matriculation provides no means to secure that it is taught properly. It must be strongly emphasised that lectures on Method are wasted unless those who hear them have an adequate knowledge of the subject. At present this is far from being the case. Further, there should be in the Library a large number of books on Art, Literature and Science to minister to the general culture of the students; a teacher above all men requires to have full knowledge of one and some knowledge of every subject and to be able to draw his illustrations from all forms of life; our teachers however are handicapped by their extreme lack of general knowledge. The teaching of Science and Mathematics has been put on a proper footing by the appointment of a specialist and the Scientific side of the Library will now require considerable additions; and the greater importance of English being really well taught now that the Vernaculars are coming into their own and the number of periods in which English is heard are being reduced, suggests that the English Section must be reinforced. There can be no doubt that a grant of Rs. 7,500/- could be profitably spent on such an enlargement of the Library as that suggested.

7 *READING ROOM AND COMMON ROOM.*

The following periodicals and news papers are taken:—

- (1) Education
- (2) Journal of Education.
- (3) The Educational Outlook.
- (4) The Punjab Educational Journal
- (5) The Journal of Indian History.
- (6) Indian Review.
- (7) The New Era.
- (8) The Educational Review (Madras)
- (9) The Parents Review.
- (10) Child Education.
- (11) The Highway.
- (12) Mathematics Teacher.
- (13) British Journal of Psychology.
- (14) Geographical Teacher.
- (15) Teachers World.
- (16) Educational Review (London..)
- (17) The Shiksha.
- (18) The Times Educational Supplement.
- (19) The Statesman.

8. *Curriculum.*—The courses of the Patna University as prescribed in Chapters XXXVII and XX.XVIII of the Patna University Regulations are strictly followed.

The distribution of work during the present session is shown in appendix III.

The practical work of the College starts with Criticism lessons, 2 for the B. Ed. and 3 for the L. T. students; Demonstration lessons are given as required, throughout the session, and a course of 30 lessons, 10 in each subject the student chooses, are given about the month of February. Lectures in Hygiene and First Aid are given by Dr. P. C. Ray.

9. *Numerical Strength*.—There were 40 students on the roll throughout the session 1923-24, 15 in the L. T. and 25 in the B. Ed. Class, and all of them appeared at the University Examinations held in April 1924. There are during the present session 9 in the L. T. and 29 in the B. Ed. Class. All but two of the students live in the Hostel.

Of the teachers now under training 13 are Government servants taking the B. Ed. and 8 are teachers from aided schools six of whom are taking the higher Examination and two the lower. Private candidates number 17, 10 for the B. Ed. and 7 for the L. T. These figures make it clear that the experiment of giving stipends to private candidates is fully justified. It is very desirable that all students should be medically examined before being admitted to Training Colleges; this would eliminate the waste of money that takes place when a man is trained and is afterwards found unfit or is too weak to serve for his full term of years. A medical examination of intending teachers who are to receive stipends is compulsory in most countries, before training is given. It would also be helpful in deciding whether a student could take his full share in the College games and other outdoor activities.

10. *Results*.—The results in the B. Ed. and L. T. Examinations for the last three years are shown in Appendix IV.

11. *Other College Activities*.—For a short time during this session an experiment was made to see whether games could be organised without compulsion but the Principal was not satisfied with the result and has reverted to the old system of compulsory games, Tennis, Badminton, Football and Hockey are played, but it is regrettable that not much enthusiasm appears to be shown for the two latter which are obviously the most important both for their usefulness in the schools and for their physical benefit to the players. Tennis and Badminton are in the High Schools of little importance while team games make a considerable contribution to the physical and moral development of the boys. Mr. S. S. Ahmad successfully organised a camp for training Scout masters last session and 36 of the students attended: preliminary training was given two evenings a week instead of games as a preparation for it. The Lantern Lectures mentioned in the previous report have been continued.

12. *Practising Schools*.—The practical work continues to be done in the New College and two other schools at a short distance, but none of these schools is under the control of the Principal of the Training College. It is not necessary to do more than repeat the words of the last Inspector; "The practical training of the College students will never be quite satisfactory until it is carried on in efficient institutions staffed by trained teachers and under the disciplinary

control of the Principal of the Training College". The Department should be pressed to carry the recommendation into effect as early as possible. It is noteworthy that the heads of Guru and First Grade Training Schools in this Province have their practising schools under their control but the highest training institutions have to depend on the good will of the Head Masters and staffs of private, aided and Government institutions. Co-operation is sometimes grudgingly given and though something may be gained by the grant of rewards to teachers of non-Government schools ( for which Rs. 300/- has been sanctioned this session ) the system does not touch the New College which forms the Demonstration School and has the best staff. At Allahabad the Principal of the Training College controls the new Intermediate College and there is no obvious reason why the same should not be done in Patna. Until about 1919 the Patna Collegiate School was actually under the Principal and the practice is almost universal throughout India and is commonly found in many other countries. It makes for the efficiency of both the school and the College, and few have ventured to suggest that it is in any way harmful; in fact, Head Masters in most countries welcome the closest possible association with a Training College as it keeps their staffs up to the mark and enables them to be in touch with the latest methods and to take part in inquiries and experiments of the greatest Educational interest and importance.

13. *Some further recommendations.*—The following suggestions are made partly in view of the fact that it seems likely that the College will in the near future have to do higher work if the suggestions of the Faculty of Education are carried out, and partly because they are already necessary. (1). As Science teaching has taken its proper place in the work of the College and 11 students are taking up the subject, students will have to be taught to prepare their own apparatus and for this purpose the College will require the use of a workshop and the services of a teacher. If, as has been proposed above, the New College is transferred to the control of the Principal of this College, no difficulty will arise and both institutions will be able to make use of the present Manual Training room for their respective purposes. Otherwise it appears necessary for a separate workshop to be created and for a man to be found to supervise the students' work; it is very doubtful if Babu B. Banerji who teaches Black Board work has the training or time to do all that will be required.

A certain amount of Scientific apparatus is also required for the Training College as the students have not access to that belonging to New College and even if it were at their disposal it would be quite insufficient. A grant of at least Rs. 1000/- seems necessary for this purpose. A small room will also be required for keeping

this and for the elaboration of new apparatus and for the general preparation of experiments under the supervision of the Professor in charge of Science.

(2) The need for improvements in the Library has already been emphasised; they will be indispensable if the higher courses approved by the Faculty of Education are to be introduced in less than 2 years. It is also obvious that in connection with these courses a proper Librarian similar to the one in the Patna College is required; a clerk who gives only part of his time to the Library is not competent to do the work as he is unable to point out to students where to look for what they want or to be in the Library at all reasonable hours. The Librarian should be a graduate trained in the College and perhaps working for some higher degree in Education; such a man could be relied upon to help the students as well as to keep the Library in good order, and the result of the appointment of such a man would be that the Library would be used more and in a better way than at present.

(3). Another need which be felt will be that for further Psychological apparatus and there is no doubt that a man specially trained in Psychology, particularly in experimental work, ought to form part of the staff of a modern Training College and will be essential if higher work is to be done. It is not necessary to emphasise the importance of experimental Psychology which has in recent years made considerable contributions to Education; all trained teachers should have some knowledge of its methods and results and those taking advanced courses familiarity with special parts of it.

(4) Further, it is clear that a Training College, if it is to avoid the waste of money which a large printing bill implies should be provided with some good machine for taking rapidly a large number of copies of charts, tests, etc. a Gestetner machine costing about Rs. 750/- or some similiar machine would pay for itself in a very short time and should be purchased.

(5). It must also be emphasised that in view of the advances in Education which are taking place in this Province and are bound to take place in the future (e. g. the raising of the status of the Training Schools by making them equal to Intermediate Colleges for the training of Matriculates and the Improvements contemplated in Primary Education) Head Masters of Government High Schools and District Inspectors and still more Head Masters of First Grade Training Schools should be given a higher form of Training and should be required to take the higher course in Education as a qualification for these posts. It will be quite impossible to give such important positions to men who have merely the training of a High School teacher, when they are expected to be

leaders in Education instead of mere administrators as at present. They will have to be able to conduct important experiments on a large scale as is done by Directors of Education in the English counties or Inspectors under the London County Council and for such men a course of one year will be quite inadequate. That this is the opinion of the highest authorities in the Province is shown by the fact that Government offers a special scale of pay in the Bihar and Orissa Education Service to men with exceptional qualifications. A higher course in the Training Colleges would be one of the best ways of providing locally a supply of such men and all those who are promoted to such posts should be sent to the Training Colleges for the higher course which would also serve to some extent as a "refresher" course such as many medical men are compelled to undergo.

(6). It is also desirable that the University should ask Government to introduce a rule that only trained men should be recognised as Head Masters of aided and unaided High Schools as this would have an immense influence on the efficiency of these schools.

(7). In connection with the present improvements in Education, which according to all Inspectors of schools and other observers have long been overdue in the province it is satisfactory to find that the proportion of Intermediates under training is rapidly decreasing; it has for years been obvious to all connected with Education that though the Intermediate has a place in the educational system he is as a rule certainly not fit to be a teacher in the upper classes of a High School he has no real knowledge of any subject and is therefore even after training unable to impart knowledge until after a lapse of several years he has gained some grasp of what he has to teach. With few exceptions, the untrained, and even the trained, Intermediate is not competent to teach any of the subjects which are compulsory and he should be relegated to the lower stages. It is to be hoped that the University will formally accept this view by refusing to recognise the training of such men as part of its work. The increase in the number of B. A.'s who join the Training Colleges proves that men of better qualifications are now ready to come forward to join the teaching profession, and if Government can find money to secure better conditions of service Education in the province may be expected to advance much more rapidly than it has done in the past. It has already been a rule for several years that Matriculates should not be allowed to become "English" teachers in High Schools; a further raising of the standard will have an excellent effect on the schools.

It is to be noted that in none of the advanced countries is an undergraduate considered suitable for employment in High Schools; it is imperative that this should be recognised in the province and steps taken to bring to an end the present state of affairs which is doing much

to prevent the pupils from receiving proper instruction in those branches of knowledge which are essential to every intelligent citizen.

*Note*—The above report had already been completed when Mr. Fawcus' scheme for extensions to the Patna College etc., was issued ( vide the Bihar and Orissa Gazette for December 10th 1924, Supplement No. 48 ). It will be seen that it has considerable bearing on certain of the proposals made: the following note indicates them shortly.

(1). The most important point appears to be that if the scheme is accepted for the Arts side the High School Classes of the New College would almost automatically revert to the control of the Principal of the Patna Training College; it would be intolerable for the Training College and High School to be in the same building but under divided control. This would satisfy in part the recommendations suggested above.

(2). Some facilities for Science work and the use of apparatus and the control of the Manual Training workshop would go with this and it would be easier to carry out without much expense others of the recommendations. The Drill Master and the Manual Training teacher should take their full share in the Training College work.

(3). The New College Library or at least a considerable part of it might be taken over by the Training College and extended: most of the newer books are of too high standard to be useful to High School boys but would be a valuable asset to the Training College.

(4). It might be possible for one Librarian of the kind suggested to supervise, for the present, the Training College and High School Libraries thus formed.

(5). Mr. Fawcus refers to the Residential question in the following words; " As regards residences it can hardly be expected that teachers who at the end of their teaching work have to go a mile or more to their homes will return to the College later to take part in games and societies, and similarly it is scarcely reasonable to expect non-resident teachers to come to the laboratories early in the morning, return home for breakfast and then come back to the college again. It is true that in many colleges few, if any, of the staff are in residence and the work goes on somehow, but it seems to me that any arrangement is faulty which practically limits the period of the teacher's contact with his students to class-room hours". Government has agreed to this point of view over and over again but is very dilatory, it appears in putting it into practice: it is to be hoped that the need for residences for the



Training College staff will not be forgotten if the new scheme, including many residences for Professors of the Science College, is accepted.

(6). It may be added that the general bearing of the scheme for extending post-graduate studies as outlined by Mr. Fawcett is to emphasise the need for higher work in Education as well; if advanced studies in Arts and Science are accepted as essential to the improvement of material and spiritual conditions in the province, not less so are advanced studies in Education, since the teachers are the chief means of spreading over the whole population a knowledge of the latest results in all branches of learning.

Sd. F. B. WHITMORE.

12/12/1924.

## APPENDIX—I

### PARTICULARS OF ANNUAL GRANTS.

	1921-22.		1922-23.		1923-24.	
Teaching Staff ...	33,621	10 10	29,266	13 0	31,860	4 0
Clerical ...	783	14 5	1044	0 0	1068	0 0
Menial ...	732	10 10	687	0 0	529	15 0
Stipends ...	18,921	9 5	19,755	8 0	18,476	4 0
Common Room ...	40	0 0	40	0 0	40	0 0
Contract Contin- gencies ...	1870	0 0	1870	0 0	1870	0 0
Athletics ...	200	0 0	200	0 0	200	0 0
Livery ...	20	0 0	20	0 0	20	0 0
Apparatus ...	200	0 0	200	0 0	200	0 0
Taxes ...	855	8 0	855	0 0	855	8 0
Hostel ...	158	0 0	158	0 0	158	0 0
Hygiene Lectures	125	0 0	125	0 0	125	0 0
Excursion ...	300	0 0	300	0 0	300	0 0

## APPENDIX—II

*Staff 1923-24 and 1924-25, vide para 5 of the Report.*

- |                   |     |  |
|-------------------|-----|--|
| 1. Principal      | ... | Mr. J. H. Thickett, M. A.                                  |
| 2. Vice-Principal | ... | Mr. S. C. Sarkar, Ph. D.                                   |
| 3. Professor      | ... | (Mr. S. L. Das Varma, M. A.)<br>Mr. W. W. Henderson, M. A. |
| 4. Professor      | ... | Mr. S. T. U. Ahmad, B. A.                                  |
| 5. Professor      | ... | (M. S. S. Ahmad, B. Sc.)<br>Mr. J. N. Ghosh, M. Sc.        |

Note—All have also qualifications in Education.

### TIME TABLE.

#### L. T. Class.

*Monday*

1st period	... Child Study	... Mr. J. N. Ghosh
2nd "	... Principles and Me- thods of Teaching	... " W. W. Henderson
3rd " }	... Practical work	... Dr. Sarkar and Mr.
4th " }		S. T. U. Ahmad
5th "	... Principles and Me- thods of Teaching	... Principal.
6th "	... Hygiene	... Dr. P. C. Ray.

APPENDIX—III. (A)

*Tuesday*

1st period	... Child Study	... Mr. J. N. Ghosh.
2nd "	... Principles and Methods of Teaching	... Mr. Henderson.
3rd " }	... Practical work	... Principal and Mr. S. T. U. Ahmad
4th " }		
5th " }	... Tutorial	... Mr. Henderson
6th "	... "	... Mr S. T. U. Ahmad

*Wednesday*

1st period	... Child Study	... Mr. J. N. Ghosh.
2nd "	... Classics	... Mr. S. T. U. Ahmad
3rd " }	... Practical work	... Mr. Henderson and
4th " }		Mr. S. T. U. Ahmad

*Thursday*

1st period	... Tutorial	... Mr. J. N. Ghosh
2nd "	... Do.	Do.
3rd " }	... Practical work	... Mr. Henderson and
4th " }		Mr. Ghosh
5th " }	... Essay Tutorial	... All the Staff.
6th " }	... Exercise Tutorial	

*Friday*

1st period	... School Administration	... Mr. S. T. U. Ahmad
2nd "	... Classics	... Do. Do.
3rd "	... Principles and Methods of Teaching	... Mr. Ghosh
4th "	... Do. Do.	... Dr. Sarkar
5th " }	... B. B. Work	... B. B. G. Banerji.
6th " }		

*Saturday*

1st Period	... Principles and Methods of Teaching	... Mr. S. T. U. Ahmad
2nd "	... Classics	... Do.
3rd "	... Principles and Methods of Teaching	... Dr. Sarkar
4th "	... Do.	... Do.
5th "	... Tutorial	... Do.
6th "	... Science Black Board	... Mr. Ghosh.

APPENDIX—III B.

TIME TABLE

B. Ed. Class.

*Monday*

1st Period	... Principles of Education	... Mr. Henderson.
2nd "	... School Administration	... Mr. S.T.U.Ahmad.

3rd	"	... Practical Work	... Principal and
4th	"		Mr. Henderson.
5th	"	... Principles and Method of Teaching	... Dr. Sarkar .
6th	"	... Hygiene	... Dr. P. C. Ray.
<i>Tuesday</i>			
1st Period		... Principles of Education	... Mr. Henderson.
2nd	"	... Principles and Methods of Teaching	... Mr. S.T.U.Ahmad.
3rd	"	... Practical work	... Dr. Sarkar and
4th	"		Mr. Ghosh.
5th	"	... Principles and Methods of Teaching	... Dr. Sarkar.
6th	"	... Tutorial	... Do.
<i>Wednesday</i>			
1st Period		... Principles of Education	... Mr. Henderson.
2nd	"	... History of Education	... Dr. Sarkar.
3rd	"	... Practical work	... Principal and.
4th	"		Mr. Ghosh.
<i>Thursday</i>			
1st Period		... Tutorial	... Mr. Henderson.
2nd	"	... Do.	... Mr. S.T.U.Ahmad.
3rd	"	... Practical work	... Principal and
4th	"		Dr. Sarkar.
5th	"	... Essay Tutorial	... All the Staff.
6th	"	... Exercise Tutorial	
<i>Friday</i>			
1st Period		... Principles and Methods of Teaching	... Mr. Henderson.
2nd	"	... History of Education	... Dr. Sarkar.
3rd	"	... Principles and Methods of Teaching	... Do.
4th	"	... Do.	... Mr. Ghosh.
5th	"	... B. B. Work	... B. B. G. Banerji.
6th	"		
<i>Saturday</i>			
1st Period		... Principles and Methods of Teaching	... Mr. Henderson.
2nd	"	... History of Education	... Dr. Sarkar.
3rd	"	... Principles and Methods of Teaching	... Mr. Ghosh.
4th	"	... Do.	... Do.
5th	"	... Do.	... Principal.
6th	"	... Science Black Board	... Mr. Ghosh.

### APPENDIX—IV.

#### *Results in the University Examinations.*

Year	No. who appeared		No. who passed		Percentage.	
	B.	Ed. L. T.	B.	Ed. L. T.	B. Ed. L. T.	
1921-22	... 18	20	16	19	88·9	95
1922-23	... 21	17	19	14	90·5	82·9
1923-24	... 25	15	21	12	84	80

# REPORT

ON

## The Inspection of Cuttack Training College

FOR 1924-25.

Inspected by Mr. W. W. Henderson on August 12th & 13th, 1924.

1. The College was opened on July 23, 1923.

### 2. ADMINISTRATION :

The Governing Body of the College is regularly constituted. The Members are the Inspector of Schools, Orissa Division, the Head Master, Ravenshaw Collegiate School, the Principal, Cuttack Training College and two non-official gentlemen, Khan Bahadur Abdul Majid, M. L. C. and Babu Bishwanath Kar, M. L. C. The interests of the school are doubly represented while there is only one representative from the Training College. There is no representative of the College on the School Managing Committee. In view of the close connexion between the school and the Training College the Training College Principal might replace the Principal of the Ravenshaw College on the School Committee, as the previous close connexion between the School and the Ravenshaw College no longer continues. If it is considered desirable to replace the Head Master rather than reduce the number of the Governing Body ; we would suggest that the name of the recognized local leader of the Boy Scout movement be considered for the vacancy thereby created, on the present occasion. The presence of such a member on the Governing Body would help to ensure the furtherance of what is bound to prove more and more, as time goes on, an increasingly important aspect of Training College activities. The movement has a real claim on the interest of a Training College. The Governing Body has met once this year. Ordinary business is facilitated by the circulation of papers. The following registers and records are kept :—

1. Proceedings of the Governing Body.
2. Admission and Attendance Registers.
3. Abstract Cash Book.
4. Contract Contingent Register.
5. Regular Contingent Register.
6. Acquittance Roll.
7. Mark Registers.
8. Stock Book of Furniture.

The accounts have not yet been audited. This might be done by the Government Local Auditor and the Audit Report submitted to the Governing Body.

3. FINANCE : A statement of Expenditure from 1st April to 12th August, 1924, is given in Appendix I.

4. BUILDINGS : Details of the rooms in the Training College are given below :—

1. Lecture Room	...	...	24' X 19' 8".
2. Common Room	...	...	20' X 19' 2".
3. Library	...	...	20' X 19' 3".
4. Professor's Room	...	...	22' 11" X 14' 2".
5. Office Room	...	...	22' 9" X 14' 2".
6. Black Board Room	...	...	24' X 19' 8".

7. Demonstration Room ... ..	40' 2" X 24' 1"
8. Principal's Office ... ..	40' 6" X 24' 6"
9. One spare room, later may be divided for 2 Profes- sors' Rooms. ... ..	29' 10" X 22' 9"

At present the Principal has his office upstairs. The upstairs rooms should be entirely set apart for the Principal's quarters until better quarters are available for the Principal's residence. Mr. Whitmore is of opinion that the present buildings should be considered temporary rather than permanent and we agree with him. When the Collegiate School expands, and it cannot do so without encroaching on valuable playing ground, the cost of the expansion, obviated by the removal of the Training College elsewhere, would help to meet the cost of the new Training College. A Training College, at the present stage of educational advancement, is at least as important as an Arts or Science College. Not that an expensive building is required for such a Training College but a building expressly designed for Training College requirements and in keeping with modern ideas, which would comprise, within the area of one compound, College building, playing fields, hostel and residential quarters for the principal members of its staff, is a consummation to be desired. The Local Mission authorities have erected a Theological College on such lines near the Medical College and the building does not appear to be expensive. Mr. Whitmore proposes a site somewhere near the Mission School and suggests that the Mission and other neighbouring schools might then provide facilities for practical work. The out-houses next to the school workshop should be put into thorough repair and made over to the Training College for the purpose of housing the College servants. There is also no separate room for the supply of drinking water. The present arrangement of keeping drinking water in a corner of the library room is undesirable.

5. STAFF: A statement giving the names of the teaching staff, their qualifications and pay is given in Appendix II.

It would greatly strengthen the teaching staff if a drawing master trained in an art school on modern lines were to replace Babu M. N. Roy for Blackboard Work. Such a teacher would be able to instruct the students in rapid B. B. sketching. This is a very important aspect of Training College work and the present arrangement in this respect could be improved on.

6. RESIDENCES OF TEACHING STAFF: Structural alterations are being effected in the upper rooms of the College buildings to provide a residence for the Principal and should be completed very shortly. If the students were properly housed in close proximity to the College the present location of the Principal's quarters would partly meet the requirements of Mr. Thickett's proposal that suitable residences should be provided for all members of the College staff near by the College. But, until the question of the students' hostel is satisfactorily settled, it is useless to consider the adequacy of the location of staff quarters from the point of view of a Training College.

7. STUDENTS: Sixteen students are undergoing training and one more was expected to join in a week at the time of inspection. One M. A. and one B. A. joined but gave up on account of ill-health. Mr. Whitmore has already advocated that a student before entering the Training College be asked to undergo a medical examination. Reference has been made departmentally to a case where a student who underwent training was afterwards rejected as being undesirable for the teaching profession. It would be a considerable benefit to the Training College Authorities if the onus of selecting candidates were laid upon the College Staff. It would then be possible to select men on academical and such other tests as the Training College deem fit. This system of selecting by tests has been found to work well in America and to be justified in the light of after results.

Of the students under training 9 are B. A. s ; and 7 I. A. s. There are 11 Oriyas (one Oriya Christian) 2 Mohammedans, 3 Domiciled Bengalis. There are 3 Government servants, 2 aided school teachers and 11 private students, 8 are teachers 3 are Sub-Inspectors, and others 5.

8. **HOSTEL ARRANGEMENTS :** The present hostel arrangement by which a few of the students are housed in part of the Kathjori hostel is not wholly desirable and a considerable number of the students have to be allowed to live elsewhere in town. A proposal is on foot to secure temporary accommodation in the Training School hostel.

9. **PHYSICAL EXERCISE :** Under present conditions it is scarcely to be expected that the staff can properly supervise the students' games. The ground to the north of the College, even if available, would be inadequate for games purposes. Mr. Biggs has approached the staff with a view to securing the interest and co-operation of the students in the Boy Scout movement. As Mr. B. M. Mukharji has been trained as a Scout Master, there should be no difficulty in falling into line with this excellent proposal.

10. **CURRICULUM :** The courses of study for the L. T. examinations as defined in Chapter XXVII of the Patna University Regulations are strictly followed. A copy of the time-table is given in Appendix III and a detailed analysis of the work of the staff is given in Appendix IV.

11. Mr. Thickett in his last report commented on the meagreness of the Library and recommended that a special grant of Rs. 1,000 be made. We are of opinion that the grant is inadequate. The professors in the Cuttack Training College, who are supposed to cover the same ground as the Patna professors for the L. T. examination are at a distinct disadvantage, as compared with the Patna professors, and the same applies to the students. Patna has had the advantage of many years' start in the matter of accumulating a good library. It would require the addition of about 500 more books to make the library at all adequate ; this would seem to indicate the necessity for an additional library grant of about Rs. 4,000. Considering that the library is still of such modest dimensions, it would be a good plan to introduce the card index system of cataloguing. On the back of the cards an indication of the contents might be entered, and from such entries it would be easy to compile a cross reference catalogue by subjects. Such a catalogue would be of the greatest value to staff and students alike, and even at the moderate rate of five books per day it would only require about two months to dispose of the books so far received.

12. Similar remarks apply to the recommendations of Mr. Thickett regarding an apparatus grant: this might well be increased by a further Rs. 1,000. An annual printing grant of Rs. 200 should be made to provide for the preparation of test sheets and statements of tests and problems in connexion with simple psychological experiments or, failing this, a Roneo duplicator or a similar machine might be purchased.

13. **DEMONSTRATION SCHOOL & PRACTICAL WORK :** Mr. Thickett's proposal that the Ravenshaw Collegiate School should be under the control of the Training College does not appear to have found favour with the Governing Body of the College. So far from hindering the work of the School this arrangement would make for economy and efficiency, and, we feel sure, it would ultimately lead to a strengthening of the school staff, as it would be essential to have trained and picked men in the interests of the College work. We are of opinion that the matter should be referred to the Governing Body for re-consideration.

The scheme of work for training the students begins with demonstration lessons, followed by a number of criticism lessons, and completed by a series of practical teaching lessons in schools. So far, the practical teaching work has been confined to the Ravenshaw Collegiate School, but we understand it is proposed to extend this to work in other local schools.

## APPENDIX I.

*Return of Income and Expenditure, from the 1st April  
to 12th August, 24.*

INCOME.	EXPENDITURE.			
Principal Heads.	Principal Heads.	Rs.	A.	P.
	Salaries	7,257	12	0
	Pay of Government servants (on deputation)	552	14	0
	Pay of Office Establishment (clerk & servants) ...	305	10	0
	Stipends to P u p i l Teachers	775	14	0
	T. A. of Office Establishment ...	198	8	0
	Contract Contingencies	144	5	3
	Boarding Charges ...	120	0	0
	Total ...	9,254	15	3

## APPENDIX II.

*Return of the Pay, Qualifications, etc., of the Teaching Staff.*

Name.	Post, Academic Qualifications ( Degree, Class and Year)	Period of Service in this College.	Pay.
Mr. F. B. Whitmore	Principal, M.A. (1921) (Dip. in Education of Oxford)	1 year and 2i days.	Rs. 1,150
Mr. B. N. Mukharji	Professor, M.A., L.B. (Cal.), 1914 & 1915. Dip. in Edn., Leeds. M. A., Edn, Leeds, 1923.	Ditto	330
<i>Occasional Teachers:</i>			
Babu U. N. Dutta Gupta	Teacher of Mathematics, B.A., B.T.	...	...
Sanatan Pujari ...	Hygiene Lecturer	...	...
Manmatha N a t h Roy.	Drawing Master	...	...



APPENDIX III

TIME-TABLE OF THE L. T. CLASS OF THE CUTTACK TRAINING COLLEGE FOR THE YEAR 1924-1925.

No.	Days of the Week	10.25-11.10.	11.15-12.	12.5-12.50	12.55-1.40.	1.40-2.	2.5-2.50.	2.55-3.40.
1.	Monday	Classics (M)	Hygiene (Dr)	Ch. Study (Pr.)	Tut. (Pr.)	R e c e s s	S. Administration (M)	Tut. (M)
2.	Tuesday	Method (H) (M)	*Eng. (M) & (Pr.)	*Discussion (M) & (Pr.)	Geog. (Pr)		Ch. Study (Pr)	S. Administration (M)
3.	Wednesday	Classics (M)	*Geog. (Pr.)	*Do. (Pr.)	B. B. Work (D. M.)		Eng. (Pr.)	Tut. (M)
4.	Thursday	Method (E) (M)	Hygiene (Dr.)	*Hist. (M)	*Discussion (M)		Maths. (U)	Tut. (Pr.)
5.	Friday	Classics (M)	*Maths. (U)	*Discussion (U)	...		Essay (Pr. & M)	Essay (Pr. & M)
6.	Saturday	Exercise	Ch. Study (Pr.)	Debate	Debate		...	...

1. Pr.—Principal, Ch. S. and Geog. (and 1 Engl).
2. M—Mr. Mukharji, Class., Eng. and Hist.
3. U—Babu U. N. Dutta Gupta, Maths.
4. Dr—Dr. S. Pujari, Hygiene.
5. D. M.— Drawing Master, B.B work.

\* The Principal and Mr. Mukharji also supervise these 8 periods in the week after Dem. lessons have been completed.

## APPENDIX IV.

A DETAILED RETURN OF WEEKLY CURRICULUM IN ALL THE SUBJECTS.

Class.	Name of Teacher.	No. of Lectures and Essay Periods.	No. of Tutorial (and Practical) Periods.	No. of Students in Class.	REMARKS.
L. T.	Mr. F. B. Whitmore, Principal.	5+2	2+4	16	On Saturday an Exercise is held from 10.25-11.10 and the Students' Debating Club from 1.2-1.40.
	Mr. B. N. Mukharji, Professor.	9+2	2+4	16	
	Babu U.N. Dutta Gupta	1	0+2	15	
	„ Sanatan Pujari.	2	—	16	
	„ Manmatha Nath Roy.	1	—	16	

