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Annual
ADMINISTRATION REPORT
of the
OSMANIA UNIVERSITY

for the year 1329 F.
Oct. 7 1919—Oct. 5 1920.

With the Government Review thereon.

HYDERABAD-DECCAN;
PRINTED AT THE GOVERNMENT CENTRAL PRESS,
1928

*Proceedings of His Exalted Highness the Nizam's Government in the
Judicial, Police and General Departments. (Educational).*

25 { 8th Shahrawar 1330 F.
No. ——— { 14th July 1921 A. D.
8 Misc. { 8th Ziqada 1339 H.

SUBJECT.

Review of the Reports on the working of the Osmania University for the year 1329 Fasli.

READ—

1. Report of the Principal, Osmania University College.
2. Report of the Registrar, Osmania University.
3. Report of the Curator, Translation Bureau.
4. Report of the Officer-in-charge, Nizamiah Observatory.

OBSERVATIONS—

1. THE Osmania University College was opened towards the close of 1328 F. with 90 students on the rolls in the first year class. Fifty more admissions were made later on. At the beginning of the academical year 1329-30 Fasli, the second year class was opened and the strength of the first and second year classes was 131 and 107 respectively.

2. The medium of instruction in this University is Urdu, whilst English is compulsory as a language. There are at present two Faculties in the University—the Faculty of Arts with 2 Professors and 17 Assistant Professors and the Faculty of Theology with 8 Assistant Professors.

3. During the academical year 1329-30 Fasli, the number of students attending lectures on different subjects besides English and Theology which are compulsory for all, was as follows:—

			First year Class	Second year Class
Mathematics...	...	..	21	17
Physics ...	...	...	21	15
Chemistry ...	...	...	21	15
Economics ...	...	...	70	50
Logic ...	...	...	32	35
English History	...	...	82	24
Ancient History	...	...	5	4
Indian History	...	...	48	18
Islamic History	...	...	17	21
Urdu ...	...	...	50	51
Persian ...	...	...	89	47
Arabic ...	...	...	6	8
Sanskrit ...	...	...	6	4
Marathi ...	...	...	10	6
Telugu ...	...	...	8	1
Kanarese ...	...	...	8	4

4. It is gratifying to note that the students evinced a real interest in the use of the Library for which Government sanctioned an initial grant of Rs. 25,000 and a recurring grant of Rs. 4,000 a year. There are only 225 students on the College rolls and the average issue in a month has been 253. The students also started three Unions for the promotion of:—

1. Urdu 2. History, and 3. Economics

5. The College has not neglected the development of its athletic side. Over Rs. 2000 have already been spent in providing the different sports-clubs with the requisite materials.

6. Every possible attempt was made to equip Science Laboratories for which Government sanctioned handsome grant.

7. The residential needs of the College received special attention and now there are two Hostels—one for Mohamedans and the other for Hindus.

8. During the year under review, Nawab Mehdi Yar Jung Bahadur, M. A., (Oxon.), Mr. Syed Mehdi Hussain Bilgrami), Officiating Director of Public Instruction acted as Principal till Isfandar 1329 F., when Mr. Syed Ross Masood, B. A. (Oxon), I. E. S., Bar-at-Law, the permanent Director of Public Instruction, on return from his leave outside India, took charge of the College. In the last month of the year under review Dr. Abdus Sattar Siddiqi, M. A., Ph. D. (Gottingen) was appointed Principal.

REGISTRAR.

9. Mr. Syed Mohiuddin, B. A., Bar-at-Law, held the office of Registrar till the 26th Farwardi 1329 Fasli, when on his transfer to the D. P. I.'s office, he was succeeded by Mr. Hamid Ahmed Ansari, B. A. Government are pleased to note that Messrs. Mohiuddin and Ansari discharged their onerous duties with zeal and ability.

10. During the year under review, three meetings of the Osmania University Council (the Chief Executive Body of the University) were held in which 35 proposals were considered, and 32 proposals were circulated piecemeal.

Thirty meetings of the Text-books Committee were held as compared with 20 in 1328 Fasli.

11. In the third Matriculation Examination which was held in May 1920 A. D., 326 candidates were registered for all the subjects and 69 of English only, out of whom 309 and 64 respectively appeared at the examination. Out of the former class, 99 (32 per cent.) secured a pass, one being placed in the Honours division. Of the latter class, 30 or 46·8 per cent. passed. The low percentage of passes is attributed by the Registrar to the majority of students being private students who come hardly prepared for the examination. It is hoped that in future the University authorities will have some sort of check by which only those students can appear for the Matriculation examination who have a fair chance of success.

12. The total expenditure on the maintenance of the Registrar's office amounted to Rs. 24,586-10-1 as against Rs. 8,624-10-6 in 1328 Fasli.

TRANSLATION BUREAU.

13. During the year under review two reforms were made in the Bureau:—

1. A scheme for the re-organization of the Bureau was sanctioned by Government, by which the salaries of the translators were raised from Rs. 300-40-500 to Rs. 350-25-600 to bring them into line with the first grade Assistant Professors in the Osmania University College.
2. His Exalted Highness was pleased to order that the Translation Bureau should continue its work for ten years more and its employees should have the same rights as regards pension and leave as permanent servants of the Government.

14. The output of the work done during the year under review was not so high as in the previous year, which the Acting Curator attributes to almost half the posts of translators remaining vacant owing to their having accepted teaching work in the College and no suitable men having been found to replace them. To make up for this deficiency a large number of books were given out for translation on piece work to outside translators in the latter part of the year.

15. The total expenditure on the maintenance of the Bureau amounted to Rs. 91,587 as against Rs. 77,051 in 1928 Fasli.

16. During the year under review, the Translation Bureau published translations of 7 books and sent to the press 13 books in Urdu, which included Marsden's History of India, Montague's Constitutional History of England, Green's History of the English People (Volumes II and III), Pelham's History of Rome, Bannerjee's Indian Economics, and Matriculation and Intermediate Text-books in Plane Trigonometry, Geometrical Conics, Physics, Practical Physics, Dynamics, Light, Sound, and Magnetism.

NIZAMIAH OBSERVATORY.

17. The Observatory which had been since its establishment in 1908 under the control of the Finance Department was transferred in the year under review to the Osmania University under the administrative control of the Educational Secretariat.

18. In connection with the preparation of the Astrographic Catalogue, the Nizamiah Observatory was entrusted with the survey of 4 Zones, 17°, 18°, 19°, and 20°, in 1909. It is gratifying to note that this was completed during the year under review.

19. On the suggestion of Professor Turner of the Oxford University, the work of measuring Zone 22° was taken up and the Officer-in-charge of the Observatory also included the intermediate Zone 21° in the programme of work.

Zone 22°.

During the year under review, 135 plates containing 69,199 stars were completely measured. The measurements were systematically copied out and despatched in small batches to Professor Turner at Oxford.

Zone 21°.

Seventy three plates were secured, but only 6 of them containing 3,575 stars were measured and reduced to the end of the year.

20. Volume III of the Hyderabad Astrographic Catalogue and two papers of Astronomical interest were published during the year under review.

21. The thanks of His Exalted Highness' Government are due to Mr. Bhaskaran Shastri, Officer-in-charge of this Observatory for his satisfactory work which was appreciated by eminent Astronomers of Europe.

(By order).

A. HYDARI,

SECRETARY TO GOVERNMENT,

Judicial, Police and General Departments.

Copy forwarded for information to:—

1. The Sadr-ul-Muham, Peshi.
2. The Secretary to Government, Political Department.
3. The Secretary to Government, Financial Department.
4. The Director of Public Instruction.
5. The Registrar, Osmania University.
6. The Principal, Nizam College.
7. The Principal, Osmania University College.
8. The Curator, Translation Bureau.
9. The Officer-in-charge, Nizamiah Observatory.
10. The Superintendent, Government Central Press, for publication in the *Jarida*.

Report on the Working of the Osmania University College for the year 1329 F.

THE OPENING OF THE COLLEGE.

IN accordance with the *Farman* of His Exalted Highness the Nizam dated 15th Ziqadah 1337 Hijri the College was formally opened on Thursday the 1st Zilhijja 1337 Hijri (21st Meher 1328 Fasli-28th August 1918) in the present College building at the ~~Gun Foundry~~ Road, before a distinguished gathering of nobles, heads of Departments and other citizens of Hyderabad. The meeting was presided over by Moulvi Habibur Rahman Khan Sherwani, the Ecclesiastical Minister as *Vice-Chancellor of the University*. After recitation of portions of the Holy Quran, Mr. A. Hydari, Secretary to Government in the Education Department read the *Farman* of His Exalted Highness the Nizam ordering the establishment of a University in his Dominions to be known as the "Osmania University." The President in a very impressive speech expressed his gratitude to His Exalted Highness for his act of great Educational beneficence in granting to his subjects the gift of an Institution which he felt sure would confer great and lasting benefits by spreading the right type of education and bringing to the doors of the poorest of his people. He dwelt on the special features of the new University: its recognition to the Vernacular as the basis of the highest education, Scientific; literans and professions; the insistence on moral and religious instruction; the care that had been shown by the authorities in getting together distinguished teachers in order to give the true University stamp to the teaching and last but not least the personal interest of His Exalted Highness in the growth and development in this University which was his special and unique gift. The President ended by invoking the blessing of the Almighty on the new University and its noble founder.

THE PROFESSORIAL STAFF.

- | | |
|--|--|
| (1) Syed Mehdi Husain Bilgrami, M. A. (Oxon.)... | (Acted as Principal till the 4th Isfandar 1329 Fasli.) |
| (2) Syed Ross Massood, B. A. (Oxon.) I. E. S.,
Bar.-at-Law. | (Acted as Principal, 4th Isfandar to 21st Aban 1329 Fasli) |
| (3) Abdus-Sattar Siddiqi, M. A., Ph. D. (Gott-ingen.) | Principal (Appointed 22nd Aban 1329 Fasli.) |

FACULTY OF ARTS.

- | | |
|---|------------------------------------|
| * (1) N. G. Welinker, M. A., LL. B., Honorable Fellow, University of Bombay. | Prof. of English |
| (2) Qazi Mohammad Hussain, M. A., LL. B., (Panjab) B.A., LL. B., (Cambridge) Bar.-at-Law, Wrangler. | Do. Mathematics |
| (3) Wahidur Rahman, B. Sc. ... | Asst. Prof. of Physics |
| (4) Chaudhri Barkat Ali, B. Sc. ... | Do Chemistry |
| (5) Mohammad Elyas Burny, M. A., LL. B., ... | Do Economics |
| (6) Khalifa Abdul Hakim, M. A., LL. B., ... | Do Logic and Philosophy |
| (7) Haroon Khan Sherwani, B. A. Honours (Oxon, Bar.-at-Law.) | Do History (Classical and England) |
| (8) Babu Amrit Lal Sil. M. A. ... | Do Mathematics |
| (9) Mohammad Jamilur Rahman, M. A. ... | Do History (Indian and Islamic) |
| * (10) Syed Abdul Latif, B. A. ... | Do English |
| (11) C. N. Joshi, M. A. ... | Do Marathi |
| (12) Moulvi Abdul Wasey ... | Do Theology |
| (13) Moulvi Waheeduddin Salim ... | Do Urdu |
| (14) Moulvi Abdul Hameed Khan ... | Do Classical Persian |
| (15) Moulvi Syed Ashraf Shamsi ... | Do Modern Persian |
| (16) Moulvi Abdul Hai, ... | Do Arabic |
| (17) T. Srikantaiya, B. A., ... | Do Kanarese |
| (18) R. Subba Rao ... | Do Telugu |
| (19) Pandit Harihar Shastri ... | Do Sanskrit |

* Lecturers to students of both the Faculties.

FACULTY OF THEOLOGY.

(20) Moulvi Abdul Qadeer Siddiqi	...	Asst. Prof.	Islamic Law and Jurisprudence
(21) Moulvi Syed Sher Ali	...	Do	Ancient Islamic Philosophy
(22) Mufti Abdul Latif	...	Do	Tafsir
* (23) Moulvi Ghulam Nabi	...	Do	Arabic
(24) Moulvi Syed Mohammad Ibraheem	...	Do	Arabic Literature
(25) Moulvi Syed Ahmad Husain	...	Do	Logic
(26) Moulvi Shah Mustafa Qadri	...	Do	Islamic Law
(27) Moulvi Menazir Ahsan	...	Do	Hadis

* Lecturers to students of both the Faculties.

ADMISSIONS.

Up to the date of the opening of the College 90 applications for admission had been received and 52 more admissions were made later on, so that the total number of students during the year 1328-29 F. was 142. At the beginning of the Academical year 1329-30 F. the 2nd year class was opened and the strength of the 1st and 2nd year classes was 131 and 107 respectively.

During the last two years the number of students attending lectures on different subjects† was as follows :—

1328-29 FASLI.

FIRST YEAR CLASS.

(1) Mathematics	30	(9) Islamic History	20
(2) Physics	24	(10) Urdu	61
(3) Chemistry	15	(11) Persian	55
(4) Economics	70	(12) Arabic	8
(5) Logic	53	(13) Sanskrit	2
(6) Eng. History	28	(14) Marathi	13
(7) Anct. History	3	(15) Telugu	2
(8) Indian History	26	(16) Kanarese	4

(17) *Faculty of Theology* 3

1329-30 FASLI.

(FIRST YEAR CLASS)

(SECOND YEAR CLASS)

(1) Mathematics	21	(1) Mathematics	17
(2) Physi	21	(2) Physics	15
(3) Chemistry	21	(3) Chemistry	15
(4) Economics	70	(4) Economics	50
(5) Logic	32	(5) Logic	35
(6) Eng. History	32	(6) Eng. History	24
(7) Anct. History	5	(7) Anct. History	4
(8) Indian History	43	(8) Indian History	18
(9) Islamic History	17	(9) Islamic History	21
(10) Urdu	50	(10) Urdu	51
(11) Persian	39	(11) Persian	47
(12) Arabic	6	(12) Arabic	8
(13) Sanskrit	6	(13) Sanskrit	4
(14) Marathi	10	(14) Marathi	6
(15) Telugu	3	(15) Telugu	1
(16) Kanarese	3	(16) Kanarese	4
(17) <i>Faculty of Theology</i>	4	(17) <i>Faculty of Theology</i>	4

† English and Theology are compulsory for all. Theology could however be taught to the Sunni Mohammedans only as no arrangements could be made for other religions and sects. Besides English and Theology, every student has to take up three optional subjects.

TERMS AND VACATIONS.

The Academic year was divided into the following terms and vacations :—

- (1) First Term—21st Mehir 1328 to 12th Bahman, 1329 Fasli.
- (2) Winter Vacation—13th to 30th Bahman, 1329 Fasli.
- * (3) Second Term—1st Isfandar to 11th Khurdad, 1329 Fasli.
- (4) Summer Vacation—12th Khurdad to 25th Amardad, 1329 Fasli.

*During this term the college had to be closed from 18th Farwardi to 28th Ardibehist on account of plague. Thus Summer vacation was, therefore curtailed by 42 days.

EXAMINATIONS.

Towards the end of each term an Examination was held.

Some of the poor students who could not be awarded scholarships or freeships had to leave the college. Thus instead of 142 students, there were only 111 who could appear for the second terminal examination; out of this number 96 were promoted to the second year class. Out of those successful 3 secured first class and 20, second class marks.

Eleven students from other Indian Universities who joined our 2nd year class, could not, of course, appear for our terminal examinations.

MERIT SCHOLARSHIPS AND BURSARIES.

The following scholarships were given :—

- (1) Two scholarships of Rs. 20 each (for the students standing first in the Matriculation Examinations of 1327 and 1328 Fasli.)
- (2) Four scholarships of Rs. 15 each (for the students standing second and third in the Matriculation Examinations of 1327 and 1328 Fasli.)
- 3) Ten Scholarships of Rs. 15 each (for the students standing highest in the under noted subjects in the Matriculation Examinations of 1327 and 1328 Fasli respectively) :—
 - (1) English (2) Science (3) Mathematics (4) Arabic (5) Theology.
- (4) Twelve Bursaries of Rs. 10 each for poor students.

LIBRARY.

The Government sanctioned an initial grant of Rs. 25,000 for the College library and also made provision for a recurring grant of Rs. 4,000 a year. The following were the expenses incurred in establishing the library :—

	Rs
Books	12,424
Furniture	1,900
Reading room periodicals ...	602
Orders for books already placed with the book-sellers	14,072

The volumes in the library including those of the Darul-Uloom College library which has been merged in the Osmania University College number 5,437. The library has been divided into two sections :—

The Occidental and the Oriental

which contain 2,124 and 3,313 volumes respectively. The following is the detail showing the number of volumes in each subject :—

Occidental Section.

(1) English	....	627	(6) Philosophy	....	211
(2) Physics	....	162	(7) Histories	....	452
(3) Chemistry	....	161	(8) Reference	....	95
(4) Mathematics	....	184	(9) Biology, Botany, etc.	....	69
(5) Economics	....	151	(10) Social Science	....	12

Oriental Section.

(1) Urdu	....	745	(6) Arabic	....	1,443
(2) Marathi	....	113	(7) Sanskrit	....	22
(3) Kanarese	....	282			
(4) Telugu	....	146			
(5) Persian	....	562			

The students have evinced a real interest in the use of the library. There are only 225 students on the college rolls and the average issue in a month has been 253.

The management of the library has been entrusted to Mr. R. Subba Rao, Assistant Professor of Telugu, under the supervision of a Committee of Professors.

LITERARY SOCIETIES AND GAMES.

During the first year of the existence of the college three unions were started by the students themselves for the promotion of:—

- (1) Urdu (2) History and (3) Economics.

The office bearers of these societies were elected from among the students. Meetings, held from time to time, were presided over by Professors. The attendance was invariably encouraging.

It is under contemplation to establish at an early date a literary union open to all college students, whose distinctive feature would be the promotion of the study of English literature and the encouragement of the art of written and oral expression in that language.

The college has not neglected the development of its athletic side. Over 2,000 rupees have already been spent in providing the different sports—clubs with the requisite materials.

The only point for regret is that no suitable site has yet been secured for the exclusive use of our students.

BOARDING HOUSE.

The residential needs of the college have received special attention. The boarding house of the old Darul-Uloom was, at the inception of the college, taken over and run as a college boarding house for Mohanumadans. There are at present 52 students and it is regretfully noted that for want of accommodation a good many applications for admission have had to be rejected. While the needs of the Musalman boys have to this extent been satisfied, those of the Hindu boys also have received every attention. A separate boarding house has been provided for them with accommodation for about 25, although there is demand for more accommodation.

A pleasing feature of the boarding house is the establishment of "Debating Societies," "Libraries" and "Reading Rooms" for the benefits of the residents. The boarders are placed in charge of a resident Superintendent who looks after their board, lodging and other comforts and attends to matters of discipline.

To look after the moral and intellectual interests of the boarders tutors have also been appointed from among the members of the college staff.

SCIENCE LABORATORIES.

The requirements of the Science department have not been overlooked. Every possible attempt has been made to equip the laboratories.

An initial grant of Rs. 25,000 and a recurring grant of Rs. 1,800 annually was sanctioned by Government for the establishment of the science department. The sum thus sanctioned was quite insufficient, especially on account of the present high prices. Next year when the B. A. classes will be opened the need for a much higher grant will be felt.

Messrs. Welinkar and Burny helped me very much in writing this report and I thank both the gentlemen for their kindness.

(Sd.) A. SIDDIQI,
Principal.

Report on the Working of the Office of the Registrar, Osmania University, for the year 1329 Fasli.

1. Mr. Syed Mohiuddin, B.A., Bar.-at-Law, held the Office of the Registrar till the 26th Farwardi 1329 Fasli, when he was appointed First Assistant to the Director of Public Instruction and I succeeded him.

2. This was the second year of the life of the Office and of the University, and as during the previous year much spade work was done and the office work was placed on a more systematic footing.

3. During the year under report, 3 meetings of the Council were held in which 35 proposals were considered, and 32 proposals were decided by circulation.

Thirty meetings of the Text Books Committees were held as compared with 20 in 1328 Fasli.

The number of inward letters was 3,071 as against 1,749 in 1328 Fasli, that of outward letters was 3,407 as against 2,114, and 415 files were opened as against 161 in 1328 Fasli.

4. Most of the Text Books in English, Marathi, Telugu, Kanarese and Sanskrit prescribed for the various

1. ENGLISH.—
Mr. Mohd. Abdur Rahman Khan,
Assistant Political Secretary.
2. SANSKRIT.—
Mr. Abdus Sattar, B.A., L.T., Head-
Master, Oriental High School,
Gulburgah.
3. TELUGU.—
Mr. Mohd. Hafizullah, B.A., B.T.,
Inspector of Schools, Karimnagar.
4. MARATHI.—
Moulvi Mohd. Yakub Sahib,
Translator of the Quran into
Marathi.
5. KANARESE.—
Mr. M. G. Mekhri, B. A., LL. B.,
Assistant Commissioner of Excise,
Mysore.

Examinations of the University had not received the sanction of Government as they were not passed by the Religious Censor. Hence on a representation being made to His Exalted Highness, he was pleased to order that a Mussalman member conversant with the language should be appointed in each of these Text Books Committees who should be competent to express an opinion on the books from a religious and Islamic point of view. Accordingly the Text-Books Committees were reconstituted and the marginally noted gentlemen were entrusted with the work.

5. The temporary Matriculation curriculum which was sanctioned originally for three years was continued for another year and steps have been taken to bring into force the permanent curriculum from the year 1330 Fasli. In the third Matriculation Examination which was held in the Town Hall on the 13th May 1920 and lasted till the 19th May, 326 candidates were registered for all the subjects and 69 for English only, out of whom 309 and 64 respectively actually appeared at the Examination. Out of the former class, 99 (32 per cent.) secured a pass, one being placed in the Honours Division, 15 in the First, 47 in the Second, and 36 in the Third class. Of the latter class, 30 or 46.8 per cent., passed. The low percentage of passes is due to the fact that the majority of the examinees are private students who come hardly prepared for the Examination.

6. During the year under report, the 2nd year Intermediate class was opened in the Osmania University College in which there are 107 students, the strength of the 1st year class being 131. Some improvements were made in the administration of the college, and the office work which was previously done in the Registrar's Office was transferred to the college itself.

7. As law forms, one of the subjects prescribed for the B. A. Examination, a Committee was appointed by the Council to report, regarding appointment of Professors, prescribing of courses of study and arrangements for translation of books required. The Committee's proposals will be placed before the Council shortly and necessary steps will be taken to have the Law Faculty opened in July 1921.

8. The total expenditure on the maintenance of the Registrar's Office amounted to Rs. 24,586-10-1, and the income from Examination fees (Rs. 4,120-7-8) and grant Memoranda of marks (Rs. 47/-) was Rs. 4,167-7-8.

(Sd.) H. A. ANSARI,

Registrar.

Report on the Working of the Translation Bureau of the Osmania University for the year 1329 Fasli.

1. MR. Syed Mohiuddin, B. A., Barrister-at-Law, Registrar, Osmania University, held charge of the Office of the Curator, Translation Bureau, till 26th Farwardi 1329 Fasli, when he was appointed First Assistant to the Director of Public Instruction and I succeeded him as Registrar and Curator-in-charge of the Bureau.

2. The only change in the personnel of the Bureau was that Messrs. Zafar Ali Khan and his son Akhtar Ali Khan were removed from the staff of the Bureau. As several posts were vacant, a good deal of the work had to be done on piece-work. A scheme for the reorganization of the Bureau was sanctioned by Government on the recommendation of the Council by which the salaries of the translators were raised from Rs. 300-40-500 to Rs. 350-25-600, to bring them into a line with the 1st Grade Assistant Professors in the Osmania University College. The Council also took the opportunity to propose that the Bureau should be made permanent, and His Exalted Highness has been pleased to order that the institution should continue to exist at least for ten years more, and that its employees shall have the same rights as regards pension and leave as permanent servants of the Government. These two reforms have been greatly appreciated by the members of the Bureau and they have been relieved of their anxieties as regards their prospects and tenure of work.

3. The output of the work done during the year is not so high as in the previous years, as almost half the posts remained vacant and no suitable men could be found to fill them. To make up this deficiency a number of books were given out for translation on piece-work in the latter part of the year.

4. The following gentlemen were on the staff of the Bureau during the year, and the work done by each is noted against his name :

(a) Kazi Talammuz Husain Sahib, M. A.,

Thatcher and Schwill's History of Europe.				
	(Translation)	...	381	English pages
Do	(Revision)	...	120	translated
Leacock's Elements of Political Science		...	158	do
			604	

He had to revise the clean copies of the 3rd and 4th volumes of Green's English History in addition to this work, and the revision of 120 pages of Thatcher and Schwill's History of Europe has been included in the original work as the labour involved was nearly the same. He was on leave for 48 days.

(b) Mirza Mohamed Hadi Sahib, B. A., (Philosophy).

He took charge of his duties on 2nd Mehir 1328 Fasli and up to the end of 1329 Fasli he had finished the Urdu translation of the following books on Philosophy.

Stout's Ground work of Psychology.
Joseph's Introduction to Logic.

(c) Moulvi Abdullah Emadi Sahib, (Arabic).

				Arabic pages.
Tabaqat-i-Ibn Saad	...	...	...	298

The book is of large size and printed in very fine type.

- (d) Mr. Syed Hashimi has been asked to compile a History of India (for Intermediate classes) from original sources. He spent the earlier part of the year in collecting materials and reading historical works in Persian and English. He finished the Hindu period and part of the pre-Moghul period which in all would run into 700 printed Urdu pages.
- (e) Mr. Syed Ali Raza, B. A., Barrister-at-Law,

	English pages.
Chamber's Constitutional History ...	252
Buckley's History of England ...	94
Sidgwick's Politics ...	56

	402

Mr. Ali Raza took considerable pains in seeing Chamber's Constitutional History through the Press, and in view of the difficult nature of the book he was dealing with, he had to add explanatory notes to make the subject intelgible to students. He had also to supervise the publication of Buckley's History of England parts of which had been translated by Mr. Zafar Ali Khan.

5. (a) The following books were published during the year.—

- (1) Maticulation History of India.
- (2) Montague's Conitutional History of England.
- (3) Plane Trigonometry, Part I.
- (4) Geometrical Conics.
- (5) Physics for Matriculation, Part I.
- (6) Intermediate Physies, Part II. (Heat).
- (7) Practical Physics Part I.

(b) The following books were in the Press:—

- (1) Green's History of the English People, Volume II.
- (2) Do do do III.
- (3) Buckley's History of England.
- (4) History of India, (Intermediate) Vol. I.
- (5) Pelham's History of Rome.
- (6) Bannerjee's Indian Economics.
- (7) Dynamics.
- (8) Plane Trigonometry, Part II.
- (9) Practical Physics, Part II.
- (10) Matriculation Physies, Part II.
- (11) Light.
- (12) Sound.
- (13) Magnetism.

6. As stated in an earlier paragraph arrangements were made during the year for the translation on piece-work of a very large number of books required for the B. A. Examination. The translators have all started on their work and translations are pouring in, but the Press could not cope with this work. The Superintendent of the Government Press has asked for additional establishment and plant which it is hoped will be sanctioned. This may relieve the congestion temporarily, but the University, if its publications are to be worthy of its name, ought to have a Press of its own worked by free labour, while at present its work is done by the Jail Press and it has to take its chance with the other Departments of Government although a separate establishment has been sanctioned for it.

7. The total expenditure on the maintenance of the Bureau amounted to Rs. 91,587, which would have been greater if the staff had been maintained at its full strength.

(Sd) H. A. ANSARI,

Curator-in-Charge.

Report of the Nizamiah Observatory, Hyderabad

For the year 1329 Fasli.

(1919 October 7.—1920 October 5.)

Lat. $17^{\circ} 25' 54''.32$ N. Long. $5^{\text{h}} 13^{\text{m}} 48^{\text{s}}.98$ E.
Height above Sea Level 1817.9 feet.

THE following report refers to the period from 1919 Oct. 7th to 1920 Oct. 5th and exhibits the state of the Observatory on the last named date.

The Observatory which had been since its establishment in 1908, under the control of the Financial Department was transferred early in the year under report, to the Osmania University under the administrative control of the Educational Secretariat.

I—BUILDINGS AND GROUNDS.

The buildings continued to be in charge of the Public Works Department. Besides the usual work of maintenance and minor repairs, some improvements of permanent value have been carried out during the year; a portion of the dilapidated godowns has been thoroughly repaired and rendered habitable.

The dome of the Astrographic Equatorial was repainted during the year and many of the leakages have been attended to. As the monsoons however, proved a failure, it was not possible to find out whether the dome has been made completely watertight.

II—LIBRARY AND MOVEABLE PROPERTY.

A number of reports and publications have been received as presents to the Library; among these may be mentioned, some volumes of the Harvard Annals including the Henry Draper Catalogue 0th to 11^h; the Oxford University Observatory miscellaneous papers Vol.V; the Greenwich Astrographic Catalogues Vol. II and III and some volumes of the Astrographic Catalogues from the Cape and the Perth Observatories. Our thanks are due to the Directors of the several institutions for these valuable presents.

Besides, the usual periodicals and a few standard astronomical books have been added by purchase.

The Kulberg sidereal chronometer and the 5^{mm}.00 Gautier reseau belonging to the Kodaikanal Observatory are still held here on loan.

The batteries in the workshop had reached such a low condition that it was found impossible to use them further with advantage. At the end of last year, sanction of the Government was obtained for rewiring the premises and taking supply of electric current from the Electricity Department. The work was satisfactorily carried out during the year under report.

III—INSTRUMENTS.

The instrumental equipment remains the same as in previous years.

The Astrographic Equatorial is in good order and has been continually in use during the year.

The small transit circle is being used occasionally for obtaining the clock corrections. Some minor alterations have been made in the methods of lighting required for this instrument.

The sidereal clock continues in good condition. The Dent Mean Time chronometer has been thoroughly repaired and overhauled and is now performing satisfactorily.

The Gent electric clocks have not been running for a considerable time owing to the inefficient condition of the batteries. It is hoped to start them after obtaining a fresh set of batteries for running these clocks.

IV—OBSERVATIONS AND REDUCTIONS.

The usual work of the Observatory on the Hyderabad Section of the Astrographic Catalogue has proceeded steadily during the year.

Zones—17° and—18°. The publication of these volumes has been mentioned in previous reports.

Zone—19°. The last few pages of proof were read and the volume was passed for press during the year—(*vide* Sec. VI below).

Zone—20°. Early in the year, twenty-four plates in this zone were taken and measured, thus completing the remaining work in the section originally allotted to this Observatory in 1909. The copy for press was sent to the printers in small batches and thirty-two pages of proof have been read and returned, up to the end of the year.

In last year's report, mention was made of a project for continuing the work to the southern zones—21° and—22° (Santiago Zone);—the work on the latter being undertaken according to a suggestion of duplication made by Prof. Turner for studying any possible systematic differences existing between plates of the same region taken from observatories situated in opposite hemispheres north and south of the Equator (See Monthly notices of the R.A.S. June 1919).

Zone—22°. The work on this zone was commenced early during the year and 135 plates containing 69,199 stars were completely measured during the year. The measures were systematically copied out and despatched in small batches to Prof. Turner at Oxford.

Zone—21°. Seventy-three plates have been secured in this zone; but only six of them containing 3,575 stars have been measured and reduced, to the end of the year.

Systematic "Counts" of the measured diameters have been made for a great number of plates measured during the year.

The observations of a few occultations may also be mentioned among other miscellaneous work.

V—PERSONAL ESTABLISHMENT.

There has happened only one change in the permanent staff of the Observatory during the year.

Abdul Haq—a good hardworking mechanic died on the 3rd December 1919 after having put in a service of about three and a quarter years in the observatory workshop. His place has been kept vacant for the present

VI—REPORTS AND PUBLICATIONS.

Last year's report was printed and circulated as in previous years; a short summary of the work done during 1919 was included in the Annual

Report of the Council of the R.A.S. (See Monthly notices of the R.A.S. 1920 Feb.).

Vol. III of the Hyderabad Astrographic Catalogue was published and the distribution of copies was commenced in March 1920.

Besides several minor communications the following papers have been published during the year (the numbering is continued from the last year's report).

21. The number of stars of different magnitudes in the Hyderabad Astrographic Catalogue Third Paper zone—19°. By T. P. Bhaskaran, M.A., (Monthly notices R. A. S. April 1920).
22. Observation of an occultation of a seventh magnitude Star, by Saturn, 1920 March 14. By T. P. Bhaskaran, M.A. (Monthly Notices R. A. S. June 1920).

VII—MISCELLANEOUS.

The exhibitions of celestial objects to visitors with the instruments available for the purpose, have been continued as usual and seem to be much appreciated. Mr. T. P. Bhaskaran, M.A., attended the meetings of the Indian Science Congress at Nagpur in January.

The times of Sunset and Moonrise for 1920 have been furnished to the Cantonment Executive Engineer, Secunderabad for the preparation of the street lighting time table and a statement of the times of Sunrise and Sunset is being published in the local English and Urdu papers for each Lunar month.

The official calendar for the current year was prepared for the use of the various departments of the Government. Weekly statements of rainfall have been furnished to the revenue department and certain other meteorological information continues to be supplied weekly to the Cantonment Engineer, Secunderabad and several departments of His Exalted Highness the Nizam's Government.

HYDERABAD-DECCAN, }

October, 1920.

T. P. BHASKARAN,

NIZAMIAH OBSERVATORY.

