

Home (1917) Department.
(Education)

Ordinary SERIES.

G.O. No. 453.

DATED 7-4-1917.

INDEXED

[Despatch Abstract.]

Report.

Recording Letter from the Government of India forwarding a copy of the annual report on the Indian Government Scholars studying abroad for the year ending the 30th September 1916 together with the diaries in original of certain scholars.

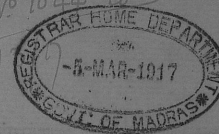
PAPERS PUT UP WITH CURRENT No. _____

Papers of the department to which the current belongs.

Number.	Date.	Original (= O) or spare copy (= S.O.).	Remarks. (In this column such of the papers as have been removed for copying, printing, etc., should be marked with a cross.)	Initials of Referencer with date in token of return to Reference department

Papers of other departments.

Department.	Number	Date.	Original (= O.) or spare copy (= S O.).	Initials with date of (1) Referencer acknowledging returns of the paper concerned or (2) Despatcher to denote the return of the papers to the department concerned.



No. 190

Government of India,
DEPARTMENT OF EDUCATION.
(Education.)

Sir, the 1st March 1917.

From

G. Anderson, Esq., M.A.,

Asst. Secretary to the Government of India.

To

The Secretary to the Government of Madras,
Home (Education) Department.

Sir,

I am directed to forward for the information of the
Governor in Council a copy of the annual report on the Indian
Government scholars studying abroad for the year ending the
30th September 1916, together with the diaries in original
of the scholars named below :-

1. P.K.R.Naidu
2. S.R.Tombat
3. D.M.Amlasad.

I have the honour to be,

Sir,

Your most obedient servant,

G. Anderson

Asst. Secretary to the Government of India

H.U.

(1.) Report on Government Scholars under the supervision of the Educational Adviser to Indian Students in London, for the Year ended 30th September 1916.

PRASANNA KUMAR ACHARYA, from Bengal.

Mr. Acharya has during the year continued his studies under the direction of Professor Barnett, who reports well of his work. In addition to the ordinary course he has been attending lectures in Comparative Philology, has taken lessons in French and German, and has also been studying Latin and Greek. For the thesis required for the degree of Doctor of Literature he is preparing an edition and translation of the Silpa Sāshtra called Manasara, the most ancient work on Indian architecture and sculpture. In order to do this, he has to collate MSS. in various scripts, and the work entailed has been heavy.

A. H. MANSUR AHMAD, from the United Provinces.

Mr. A. H. Mansur Ahmad has, owing to the war, been detained in Germany for the whole period under report. No direct news has been received from him, and, though endeavours have been made to send him money through Messrs. Thomas Cook and Son, no acknowledgment of the remittances first sent has yet been received. Further remittances have therefore been suspended, pending further information.

BENI MADHUB BARUA, from Bengal.

Mr. Barua has during the year continued his course of study in Pali in University College, London. Dr. Bode's reports show that he has been working with assiduity and is making excellent progress. In order to consult at first hand the works of French and German authors, Mr. Barua has taken courses of instruction in these languages. He is preparing a thesis for the degree of Doctor of Literature, on the development of Indian philosophy, especially in its connection with Buddhistic thought.

HAROLD DOUGLAS BENNETT, from Bengal.

Mr. Bennett is still on military service as Lieutenant in the Royal Engineers. Unfortunately in February 1916 he developed appendicitis, and since then has undergone some severe operations. He is at present at Aldershot doing light duty. As the War Office held the view that the appendicitis was not due to the war, they stopped his pay completely for a time. The Secretary of State accordingly allowed him to draw his Government scholarship for that period, as a special case.

CHARLES JOSEPH BRANDON.

Mr. Brandon's scholarship was extended for a third year, viz., up to September 1916. During this year he has continued his work at the School of Architecture, Westminster, and the reports received from the Principal concerning him have always been excellent; he states that Mr. Brandon is a very promising student. In June he sat for the Final Examination for the Associateship of the Royal Institute of British Architects, and passed.

HARI CHAND, from the Punjab.

Mr. Hari Chand has spent the whole of the year in Paris, under the direction of Professor Sylvain Lévi, studying for the Doctor's degree of the University of Paris. In connection with this he is preparing a thesis on quotations from Kalidasa to be found in works on Sanskrit poetics, so as to show the development and changes of taste in India, and also to throw light on the transmissions of the text of Kalidasa which has come down to us in several rescensions. Professor Lévi is of opinion that "it is not a commonplace treatise merely intended to get a Doctor's degree; but it is a work of lasting value, which will for a long time hold an honourable place in Sanskrit studies; it touches on so many questions that all Sanskrit scholars will have to read or consult it." In his periodical

reports, Professor Lévi has always expressed great appreciation of Mr. Hari Chand's industry attainments.

OSWALD LANCELOT DALTON (*alias* D'Souza), from Bengal.

Mr. Dalton, who is a Technical Scholar, sent to learn Electrical Engineering, arrived in this country in September 1915. He has joined the Merchant Venturers' College, Bristol, with a view to obtaining a Diploma after a three years' course. He has worked well during the year and passed the first Yearly (Intermediate) Examination in June 1916.

BHUBANANANDA DAS, from Bihar and Orissa.

In April 1916 Mr. Das completed his two years' course with the Bristol Corporation (Electricity Department), and on the 1st May 1916 he joined the South Metropolitan Tramway Company, to learn details of electrical tramway-working. Mr. Das has received very good certificates from the Bristol Corporation regarding his two years' work with them, and the reports from the South Metropolitan Tramway Company are also very good. Altogether it would appear that Mr. Das has made excellent use of his time in England. All the gentlemen under whom he has worked speak highly of him, and the Bristol Corporation Engineer expresses the opinion that the training he has received renders him eminently suitable for a position of responsibility.

The period of his scholarship has been extended up to the 30th October 1916.

ALLAN THOMAS GOULDING DAVIS, from Bihar and Orissa.

During the whole period under report Mr. Davis has been on military service.

NILRATAN DHAR, from Bengal.

Mr. Dhar has during the period under report been working under the guidance of Professor J. C. Philip, at chemical research work at the Imperial College of Science, London, with a view to taking the D. Sc. degree of the London University. He is making good progress, and excellent reports have been received on his work.

BIDYANANDA DOWERAH, from Assam.

As, owing to the war, the Northampton Polytechnic Institute discontinued for a time its class work for third year students, Mr. Dowerah was instructed to join King's College, London. The authorities there agreed that, on account of the work he had done at the Northampton Polytechnic Institute, he might be exempted from the first year's work, and could therefore in two years pass the examinations for a certificate or diploma. Mr. Dowerah is reported to have worked steadily and made satisfactory progress. He spent the summer vacation in the Test Department of the British Thomson Houston Company, at Rugby.

PERCY RICHARD DUNCAN, from Bengal.

During the whole period under report Mr. Duncan has been in military service as a Lieutenant in the Royal Engineers. The University of Birmingham conferred on him the degree of B. Sc. in July 1916.

KHAGENDRANATH GHOSE, from Bengal.

Mr. Ghose has completed the one year's course arranged for him at King's College, London, and is reported to have done good work. On the 31st July he joined the British Thomson Houston Company, Rugby, to carry out a course of practical work.

ABDUL HAKIM, from Bihar and Orissa.

Mr. Abdul Hakim continued during the year his course on Chemistry as applied to Minerals and Metals in the University of Sheffield, under the guidance of Dr. J. O. Arnold, who reports that his attendance, progress and conduct have been excellent. When the session closed, Mr. Abdul Hakim, in order to gain experience, obtained employment as a working chemist in the firm of Messrs. Samuel Fox & Co., Ltd., at Stocksbridge, near Sheffield.

ELIAS COSMOS HENRIQUES, from Bombay.

As originally arranged, Mr. Henriques, after his arrival in this country, worked for six months in the office of Mr. James Ransome, F.R.I., B.A., of 17, Pall Mall East, London, S.W., and at the same time attended such classes at the school of Architecture attached to the Architectural Association as Mr. Ransome advised. From the 15th April to the 30th April he made a tour in Southern England, visiting places of architectural interest. For the summer term he left Mr. Ransome and devoted the whole of his time to attending classes in the Architectural Association School. During the summer vacation he made a tour in Northern England, the programme of which was so drawn up as to enable him to give special attention to the planning and fitting of modern dispensaries, hospitals, schools and colleges.

The reports received regarding Mr. Henriques' conduct and progress have been uniformly good. It is to be regretted that the war has rendered it impossible for him to visit Italy or to study abroad.

LAKHMI DAS KOCHHAR, from the Punjab.

Since August 1915 Mr. Kochhar has been working in the tannery of Messrs. J. T. Hart & Son, of Bermondsey, London. The reports regarding him have been satisfactory, and it is understood that the practical experience he has obtained will be of great use to him. He returned to India in August.

TODAR MALL, from the Punjab.

Mr. Todar Mall is still at Bonn, in Germany, studying under Professor Jacobi. Arrangements have been made to send him his scholarship allowance regularly through Messrs. Thomas Cook & Son. He was in bad health for some time owing to attacks of influenza, but according to the latest information he has recovered his normal health. He is preparing a thesis on the grammar of the Apabhramsa dialect for the Doctor's degree.

KSHITISH CHANDRA MITTRA, from the Central Provinces.

During the whole period under report Mr. Mittra has been working in various departments of the Shawinigan Water and Power Company, of Montreal, Canada. His reports show not only that he has thoroughly availed himself of his opportunities of acquiring fresh knowledge and experience, but that his work has been of value to the Company. His scholarship was extended to the 30th September 1916, and tickets were procured for him at his request to return to India *via* Japan this autumn: but these tickets have not been used as yet.

Mr. Mittra failed, however, to pass the Final Honours Examination in Electrical Engineering of the City and Guilds of London Institute, for which he sat just before leaving for Canada.

P. K. RAJAMANNIKAM NAIDU, from Madras.

Mr. Naidu continued his work for the Diploma of the Leathersellers' Technical College till the end of 1915; then till the end of March he worked with Messrs. T. N. and F. H. Briggs, Ltd., Leather Manufacturers, Leicester; in May and June he worked with Messrs. W. J. Smith & Co., Boot Manufacturers, Leicester, and from the 17th July to the end of August with the British Chrome Tanning Company, Northampton. He thus obtained excellent opportunities of learning the practical part of his work. On the theoretical side he has been less fortunate. He appeared in the Diploma examination at the Leathersellers' Technical College in June 1916, but failed in most of the papers.

PHANI BHUSAN ROY, from Bengal.

Mr. Roy was with the Electricity Branch of the Bristol Corporation till the end of December 1915. He then joined the Faraday House Electrical Engineering College, London, and in addition to the lectures there had private lessons from Messrs. Chapman and Regnault in preparation for the examination for the B.Sc. degree in Engineering, which he succeeded in passing. Good reports regarding him have been received both from the Bristol Corporation and Faraday House. His scholarship was extended further until the 12th August 1916, on the understanding that he would return to India then, but he has not as yet done so.

9-0-69121 (G)
28-7-13
Since returned
to India
(28-7)

TARA CHAND ROY, from the Punjab.

Mr. Roy is still in Leipzig, Germany. Money is being sent to him through Messrs. Thomas Cook and Son, and a letter has been received from him recently, giving an account of the work he is doing in the University of Leipzig.

CHUNILAL PURSHOTAMDAS SHAH, from Bombay.

During the whole period under report Mr. Shah has been working in Messrs. Pilkington's Tile and Pottery works at Clifton Junction, near Manchester. It has been arranged for him to go, on the conclusion of his work at Messrs. Pilkington's, to get practical training in the Staffordshire Potteries, in Mr. Aynsley's works at Stoke-on-Trent, where he will have the best possible opportunities. The Managing Director at Messrs. Pilkington's speaks very highly of Mr. Shah's work, and says: "He is a keen and industrious student and a careful and painstaking experimenter. His work generally is very commenderable."

MUNSHI ABDUSATTAR SIDDIQI, from the United Provinces.

Mr. Siddiqi is still in Germany, but it is understood that he is not intemed. His scholarship allowance is being forwarded to him through Messrs. Thomas Cook and Son, and from a communication recently received from him, it appears that he is able to continue his work in the University of Göttingen.

MOHAMMAD SANA ULLAH, from the United Provinces.

Mr. Sana Ullah continued his work at the British Museum until the end of June 1916, working at frescoes and silks in the Stein Collection, after finishing off his work on terra cotta in the Department of Greek and Roman Antiquities. In July he passed on to the Victoria and Albert Museum, but at the end of the month the Director reported that he had completed as much of his programme as could be carried out there. Mr. Sana Ullah then went for a time to work in the India Office Library. Arrangements were also made for him to visit Professor Procter, of the University of Leeds, and to learn from him some methods of preserving leather. On the 28th of August Mr. Sana Ullah returned to the British Museum, to complete his work on certain objects in the Stein Collection, before bringing his studies to a close.

(II.) Report on Women Scholars under the Supervision of the Educational Adviser to Indian Students in London, for the Year ended 30th September 1916.

MISS JERUSHA JACOB JHIRAD, from Bombay.

Miss Jhirad worked at the London Royal Free Hospital School of Medicine for Women till the end of March 1916, when she was appointed Obstetric Assistant in the New Hospital for Women, Euston Road. The reports upon her work have been excellent. In December 1915 she passed Part II of the Second Examination for the London M.B., B.S.

MISS MURIEL ISABELLA AGNES MCKENZIE, from Ajmer-Merwara.

Miss McKenzie has been working throughout the year in Newnham College, Cambridge. The reports received have been uniformly satisfactory, and she passed the Examination for the Diploma in Geography in June 1916. Permission has been given to her to postpone her departure to India till early in 1917, in order that she may sit for the Teachers' Diploma in December 1916. But her scholarship allowance will cease in October 1916.

MISS DAISY KATHLEEN FAIRBAIRN MICHAEL, from Madras.

Miss Michael has during the period under report been studying in the School of Medicine for Women, which is attached to the Royal Free Hospital, London, and will sit for the Primary Fellowship Examination in November, 1916. The reports received of her industry are good, but doubts are expressed as to her ability to pass this difficult Examination. If she fails, it is suggested that she should give up the attempt to obtain the Fellowship. It is pointed out, however, that the

training which she is receiving cannot but be very beneficial to her, whatever the result of the examination may be.

MISS KATHLEEN MYERS, from Madras.

Miss Myers arrived in England early in January, 1916, and joined the Training Department of the Bedford College for Women, London. She has attended the lectures and followed the practical work in this Department with regularity. The reports received from the College have been excellent, and her interest in her work has been specially commended.

MISS RUBY NAVALKAR, from Bombay.

Miss Navalkar has been working during the whole of the period under report in the Ladies' College, Cheltenham, with a view to obtaining the University of Cambridge Teachers' Certificate. She passed the examination, both practical and theoretical, for the Certificate in August.

MISS AMY WATTS, from Madras.

Miss Watts continued her work at St. Hilda's Hall, Oxford, for the Honour School of Modern History until the end of the Lent Term. But her health for part of the time was far from good, and after careful consideration it was recognised that she would be unable to pass that examination, and that it was better that she should give up that idea, and work for the Diploma of the Delegacy for the Training of Teachers instead. From the beginning of the Summer Term, therefore, she was transferred from St. Hilda's Hall to the Society of Home Students. She has been making progress, though not quite so rapidly as was expected. But it is hoped that she will improve, and will in June, 1917, be able to pass the examination for the Diploma. She has been seriously hampered by bad health all through.

(III.) Report on Government Scholars under the Supervision of the Local Adviser to Indian Students in Oxford, for the Year ended 30th September 1916.

A. R. GREENE, from Bengal.

Mr. Greene, who came up as a Non-collegiate Student in October 1915, has now completed one year of study at the School of Geography. At the end of it he gained by a very creditable examination the Certificate in Regional and General Geography granted by the University. He has shown exemplary industry, and all his teachers send favourable reports of the progress he has made.

G. B. HALLORAN, from Bengal.

Mr. Halloran, who entered Worcester College in October 1912, has continued to make progress in his studies, but was unfortunate in not securing more than a 3rd Class in the Final Honours' School of Modern History. His tutor reports that he did excellent work, and work up to a much higher standard, despite the fact that he was severely handicapped by ill-health.

J. P. SEARS, from Madras.

Mr. Sears, who joined University College in October 1915, has during the past year been reading for the Honour School of English Language and Literature. He has made good progress, and his tutor reports that is a very steady and conscientious student, who is likely to do good work later on. At present, however, his knowledge of languages, whether ancient or modern, is not sufficient to put him on an equal footing with English students of like ability.

HERBERT SUTHERLAND STARK, from Bengal.

Mr. Stark joined Merton College in October 1915. Owing to an insufficient knowledge of Greek he did not succeed in passing Responsions until June 1916. Since that date he has been engaged in reading for the Modern History Previous Examination, and his tutor reports that he is working well.

S. S. SURYANARAYANAN, from Madras.

Mr. Suryanarayanan was admitted to Merton College in October 1914, and has continued his philosophical work preparatory to his thesis, the subject of which is a critical study of the philosophies of Sankara and Mr. F. H. Bradley. His tutor reports that he is a careful and conscientious student, and has made decided progress during the past year. It is anticipated that he is likely to produce good work, and to obtain the degree of B. Litt., for which he is a candidate, next summer.

(IV.) Report on Government Scholars under the Supervision of the Local Adviser to Indian Students in Cambridge, for the Year ended 30th September 1916.

AMIYA CHARAN BANERJI, from Bihar and Orissa.

Mr. Banerji came into residence at Clare College in the Michaelmas Term, 1915. He took the Mathematical Tripos, Part I., in 1916, and gained a First Class, and was awarded a Scholarship by his College. His conduct and progress have been most satisfactory.

GYANESH C. CHATTERJI, from the Punjab.

Mr. Chatterji came into residence at Trinity College in the Michaelmas Term, 1915, and has been working for the Moral Sciences Tripos. He competed in the College Scholarship Examination in March 1916, and was awarded an Exhibition. His conduct and progress have been most satisfactory.

PHILIP A. GASPER, from Bombay.

Mr. Gasper has been in residence at St. John's College. He took the Intercollegiate Examination in Mediæval and Modern Languages, 1916, and gained a First Class, also Part I. of the Mediæval and Modern Languages Tripos, 1916, and gained a Second Class. He has been awarded an Exhibition by his College. His conduct and progress have been most satisfactory.

VINAYAK SAKHARAN GHATE, from Bombay.

Mr. Ghate came into residence at Fitzwilliam Hall in the Michaelmas Term, 1915, and has been working for the Oriental Languages Tripos. Professor Rapson speaks of his work in the highest terms. Mr. Ghate spent the Long Vacation in Paris, working on a thesis which he hopes to present for the Doctorate of the University of Paris. His conduct and progress have been most satisfactory.

PANDURANG SRINAVAS KATTI, from Bombay.

Mr. Katti has been in residence at Trinity College. He took part II. of the Mathematical Tripos, 1916, and gained a First Class, and on his work in the College Scholarship Examination in 1916 he was elected to a Senior Scholarship at Trinity. His conduct and progress have been most satisfactory, and his examination results show that he has made an excellent use of his opportunities during his three years' residence at Cambridge. The Secretary of State has made him a grant towards the expenses of a fourth year at Cambridge, and he proposes to devote his time to some form of graduate research.

SATYENDRANATH MODAK, from Bengal.

Mr. Modak has been in residence at Emmanuel College, carrying on his work as an Indian Civil Service Probationer. He also took Part II. of the Mathematical Tripos, 1916, and gained a Second Class. His conduct and progress have been most satisfactory.

PRAN KRISHNA PARIJA, from Bihar and Orissa.

Mr. Parija has been in residence at Christ's College. He took Part I. of the Natural Sciences Tripos in 1916, and gained a Second Class. He has now taken up his work for Part II. of the Tripos in Botany. His conduct and progress have been most satisfactory.

KAMPTA PRASAD, from Bihar and Orissa.

Mr. Prasad came into residence at St. John's College in the Michaelmas Term, 1915. He took Part I. of the Mathematical Tripos in 1916 and gained a Third Class, and has now started his work for Part II. of the Natural Sciences Tripos in Physics. His conduct and progress have been most satisfactory.

JAGAT BEHARI SETH, from the United Provinces.

Mr. Seth came into residence at Trinity Hall in the Lent Term of 1916. He took the Mathematical Tripos, Part I., in 1916, on two terms' work and gained a Second Class, and has now started his work for Part II. of the Natural Sciences Tripos in Physics. His conduct and progress have been most satisfactory.

MOHAMMED SHAFI, from the Punjab.

Mr. Shafi came into residence at Pembroke College in the Michaelmas Term, 1915, and has been carrying out with great industry and ability a piece of research in Arabic literature. His conduct and progress have been most satisfactory.

SHYAM CHANDRA TRIPATHI, from Bihar and Orissa.

Mr. Tripathi came into residence at Emmanuel College in the Michaelmas Term, 1915. He took the Mathematical Tripos, Part I., in 1916, and gained a Second Class, and has now started his work for Part II. of the Natural Sciences Tripos in Physics. His conduct and progress have been most satisfactory.

SAIYID RASHID-UZ-ZAMAN, from Bihar and Orissa.

Mr. Zaman has been in residence at King's College. He took Part I. of the Economics Tripos in 1916, and gained a Second Class, second division, and has now started his work for Part II. of the Economics Tripos. His conduct and progress have been most satisfactory.

(V.) Report on Government Scholars under the Supervision of the Adviser to Indian Students in Manchester, for the Year ended 30th September, 1916.

DINSHAW MERWANJE AMALSAD, from Madras.

Mr. Amalsad completed in July last a two years' special course of training in textile industries. His training has been thorough, and although he has not completed the normal University course here, he has covered very largely the work of this course. The reports of the Head of the Department under whom Mr. Amalsad has been working have been extremely good, and the fact that he obtained first-class certificates in plain and fancy cotton weaving (Grade II.), and in cotton spinning (Grade II.) and a second-class certificate in cotton and linen bleaching and finishing (Grade I.) at the City and Guilds of London Institutes' examinations, indicates that he has a sound knowledge of textile work. He has also been awarded a prize of 1l., and the City and Guilds Bronze Medal for cotton spinning.

At the end of July he proceeded to a mill at Rochdale in order to spend some time in the erection of spinning and weaving machinery. After spending two months in this mill, he entered Mr. Walker Allens' mill at Radcliffe. He will spend about a year at this mill in order that he may acquire a thorough practical training in spinning and weaving. Afterwards it is proposed that he shall make a special study of hand-loom weaving.

The reports which I have received from the lecturers under whom Mr. Amalsad has studied and from the managers of the mills in which he has worked have been most satisfactory.

ARJAN DASS, from the Punjab.

Mr. A. Dass arrived at the School of Technology in October, 1915. He came to England in order to study textile industries, and completed the first year of the course which leads to the degree of B. Sc. Tech. in June, 1916. He passed the Intermediate Examination for the degree of B. Sc. Tech., and the results of his

9.0 621 50
28.5-14
(DP 2-20)

first year work were in all respects satisfactory. In view of the fact that it was desirable for Mr. Dass to obtain rather extensive practical experience in textile work, it was decided that he should abandon the degree course and specialise in practical work. Arrangements were therefore made for him to enter Mr. H. C. Howarth's Meadow Mill, Failsforth, in July, and since then he has been employed in this mill. He has had experience in the warehouse and in the office of the mill, and has recently begun a systematic course in the spinning shed.

Mr. Dass is taking evening courses of instruction at the School of Technology, and by this means he will complete his theoretical training and will qualify for the Diploma of Associateship of the School of Technology.

The lecturers under whom Mr. Dass has studied have reported favourably on his conduct, progress, and ability.

ABDUL GHAFOR KHAN, from Baluchistan.

Mr. A. G. Khan was sent here in October 1915, in order to study electrical engineering. After consultation with Professor Miles Walker, it was decided that he should study for the degree of B.Sc. Tech. in Electrical Engineering. He was excused the first year of the University Course and the Intermediate Examination, and was allowed to proceed to the second-year course. He completed this course and passed the second-year examinations last June. The lecturers under whom Mr. Khan has worked consider that he shows great promise both as a student and as an electrical engineer. He has worked steadily and hard, and his examination results have been consistently good. Mr. Khan has undertaken, under the direction of the Chief Lecturer in Electrical Engineering at the School of Technology, some special experimental work in connection with high tension transmission. Arrangements were made for him to spend two months during the long vacation at the works of the Lancashire Dynamo and Motor Company, Limited, Trafford Park, Manchester. Mr. Khan has now entered upon the final year of his degree course, and if he is successful, as I think he will be, in the final examination, he will graduate in June next. He will then enter works in order to complete his practical training. He is quite one of the best men of his year.

ABDUS SAMAD KHAN, from Bihar and Orissa.

Mr. Khan came to Manchester in September 1915, in order to qualify for a post in Bihar. He began a special course in Chemistry at Owens' College with a view to obtaining the degree of M.Sc. He has attended special lectures in Chemistry during the past year, and has also undertaken some original research work. Professor Lapworth, under whom he is studying, has reported to me, "Mr. A. S. Khan is making very satisfactory progress. . . . He is very sound, and I believe thoroughly trustworthy. He is a steady and careful worker: his practical work is distinguished by exceptional neatness in manipulation, and I consider that his example is having an excellent effect on the methods of other students in the same laboratory. I am sure that at the end of his course here he will be a very good chemist."

CANDRA SEKHAR SARKAR, from Bengal.

Mr. Sarkar is continuing his practical training with the British Westinghouse Company. A special extension of his scholarship until 31st December 1916 was sanctioned, in order that he might complete the two-years' apprenticeship course and obtain the Apprenticeship Certificate of the British Westinghouse Company. His progress throughout his course has been quite satisfactory.

SAKHARAMA RAS TOMBAT, from Madras.

Mr. Tombat completed his course at the School of Technology and graduated with first-class honours in Electrical Engineering in June 1915. His scholarship was extended in order that he might obtain practical experience at the works of Messrs. Mather and Platt, Limited. Mr. Tombat remained at these works until March 1916. He left in order that he might gain experience in a large electric generating station. In March 1916, the works manager of Messrs. Mather and Platt reported: "We wish Mr. Tombat every success in his future career, as well as a widening of his experience in the immediate future in connection with the proposed electric-power station, and in the manufacture, construction and design of steam turbines. At the same time we are pleased to state that whilst with us

this gentleman has obtained a very good name for diligence and accuracy in every Department in which he has worked, and we take this opportunity of placing on record experience which we have been able to provide for him. . . . He spent about four months on fitting and assembling electrical machinery and was then transferred to the winding, where he worked for seven months on D.C. armatures and alternating current stators and rotors. . . . He passed on to the test room, where he has assisted at preliminary tests on coils, windings, and assembled magnet cases, then tested finished machinery, D.C. and A.C. motors and generators. The foregoing have covered a very wide field, and the experience so gained will, we are sure, be of great use to Mr. Tombat in the future, in which we wish him every success."

In April 1916, the Chief Electrical Engineer for the Manchester Corporation arranged for Mr. Tombat to go, without payment of a premium, to one of the generating stations in Manchester, in order that he might obtain experience in the manufacture, construction, and design of steam turbines, and of the general work in connection with a power station. He is still at these works and is making very satisfactory progress.

(VI.) Report on Government Scholars under the Supervision of the Local Adviser to Indian Students in Glasgow, for the Year ended 30th September 1916.

U. N. BANERJI, from Calcutta.

Mr. Banerji entered the Hyde Park Locomotive Works, Glasgow, the chief works of the North British Locomotive Co., Ltd., as an improver at the beginning of October 1915, and worked steadily in the tinplate, boiler, and erecting shops till the end of September 1916. He is now transferred from the shops to the drawing offices, where he will continue his studies for about a year.

During the past year, Mr. Banerji has made very satisfactory progress, and from reports received he seems to have given entire satisfaction to his employers.

In addition to working during the day in the shops, Mr. Banerji attended classes in mathematics and engineering drawing in the evenings, and in these his progress was satisfactory also.

ABDUL RAHIM KHAN, from the United Provinces.

Mr. Khan completed his three-years' Diploma course in sugar manufacture at the Royal Technical College, Glasgow, in July, and having satisfactorily performed the work of all his classes and passed successfully the requisite examinations, he was duly awarded the Diploma. Mr. Khan is the only student so far who has succeeded in winning this Diploma.

From July to September 1916, Mr. Khan, in addition to visiting various sugar-machinery works and sugar refineries, studied the manufacture of sugar-making machinery in the works of Messrs. Milreles, Watson, & Co., Ltd., Glasgow, where he obtained further practical experience which ought to be of value.

His scholarship having been extended for a fourth year to enable him to study sugar production and manufacture on a commercial scale, Mr. Khan left England for the West Indies at the end of September. He will work there under the direction of Dr. Francis Watts, the Commissioner of Agriculture for the West Indies.

KRISHNA LAL, from the United Provinces.

Mr. Lal, who for the last three years has been studying sugar manufacture at the Royal Technical College, Glasgow, has during the last twelve months made some progress. When he first entered upon the Diploma course at the College his knowledge of elementary science and mathematics was insufficient to enable him to keep up properly with the work of his classes, with the result that he has not been successful in winning the Diploma. The progress he has made, however, is, under the circumstances, not unsatisfactory.

Mr. Lal's scholarship has been extended for a fourth year, and on the 2nd October last he entered the Westburn Sugar Refineries, Greenock, where he is to study sugar refining on a commercial scale. It is to be regretted that he declined to accept the opportunity offered him of going to the West Indies with Mr. Abdul Rahim Khan, where a fuller and wider practical experience of the methods of sugar production and of sugar manufacture could have been secured.

Department. 9

Routine notes (which are not to be (a) sent out of the office or (b) included in the originals or proceedings unless the notes are specially marked for retention or (c) printed).

Subject of file.

Annual report on the Indian Govt. Scholars
Studying abroad

With reference to the Secretary's query on the draft order below, it is submitted that the reports are communicated to the Local Govts. merely for information. It has not been usual to communicate the reports to the D.P.D. Besides the D.P.D., the S.G., the Officers in Charge of the Dept. of Industries and the University of Madras are also consulted as regards the selection of candidates for some of the State Scholarships. It is submitted that relevant extracts from the report now received may be communicated to them.

The diaries of the State Technical Scholars maintained by them under rule 6 in Appendix VI on page 9 of G.O. 593 of 29.5.16 are forwarded to this Govt. in original. They may not be of much use to the D.P.D. but they may perhaps be sent to the Officers in Charge of the Dept. of Industries for perusal and return.

+
Q. reports withheld
405 no. 191 of 22.2.16 (G)
370 of 1.4.15; 217 of 10.2.14
and 507 of 28.5.13 (R)
(16) (15)

(M)

MS
27/3/17 27.3.17

(Continuation of routine notes.)

There seems to be no objection to commencing
to the respective officers.

30/6/17

I think this had better be done. The compilation
is otherwise quite useless; & it may be useful to
the officers concerned, for whom it is primarily intended.

5.4.17

... it is submitted that the report
... to the Local ...
... It has not been usual to ...
... to the ... Besides the ...
... in charge of the Dept of ...
... the selection of candidates for ...
... It is submitted that ...
... from the report ... may be ...
...
... the ...
... maintained by ...
...
... original ... may not be ...

When given for copying *PMB*
 When copied *PMB*
 When examined *PMB* 191
 When signed *W. J. M.*

READ AGAIN G.O. No. 191 DATED

CURRENT No.

ENCLOSURE TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR ORIGINATOR
 IN ORIGINAL.

N.B.—

A = Copy in full.
 B = Not to be copied.
 P = Copy abstract only.
 Q = Copy heading only.