Scholarships For Study Abroad & At Home



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(ADMINISTERED BY THE MINISTRY OF SCIENTIFIC RESEARCH AND CULTURAL AFFAIRS)

GOVERNMENT OF INDIA SCHOLARSHIPS SCHEMES A. CENTRAL OVERSEAS SCHOLARSHIPS SCHEME 1958-59

Object: The Scheme is meant for Universities, Colleges and comparable institutions of higher education so as to afford opportunities to teachers for higher studies/training abroad and so to raise the standard of instruction and research in India. The number of scholarships under the scheme is 28 i.e. 20 under Central Overseas, and eight additional.

Value of Scholarships: (a) Maintenance allowance per mensem: U.S.A. \$ 125 (Rs 595 approx.), U.K. £ 33.3 (Rs 444), (b) The cost of both ways passage, (c) Books, essential apparatus and study tour allowance per annum: U.S.A. \$125 (Rs 595 approx.) U.K. £30 (Rs 400).

Subject of Study/Training: Any branch of Science/Technology/Medicine and Fine Arts for which adequate facilities are not available in India.

Country of Study: Any country where the best facilities are available.

Duration: The duration of the scholarship is up to three years depending on the course of study.

Qualifications of Candidates: Candidates should have a brilliant academic record and about five years' teaching experience. Preference will be given to those who have done some research work.

Age: 25 years - 40 years.

Eligibility: Only candidates sponsored by Central/State Governments, Universities and comparable institutions are eligible for the

award of these scholarships. Candidates who are teaching in affiliated private colleges should route their applications through the University concerned.

Financial Implications: The Government of India will contribute 50 per cent of the entire cost of studies abroad of each selected candidate and the remaining 50 per cent will have to be borne by the sponsoring authority (no arrangements between the sponsoring authority and the scholar with regard to the 50 per cent share of the cost of training of the sponsoring authority is permissible).

Applications invited in March of the year preceding the one to which the awards relate.

B. UNION TERRITORIES OVERSEAS SCHOLARSHIPS SCHEME

Object: The scheme is meant for studies/training abroad of persons who by birth or domicile are natives of the Union Territories of Manipur, Tripura, the Andaman and Nicobar Islands, Delhi, Himachal Pradesh and the Laccadive, Minicoy and Amindive Islands.

Number of Scholarships: Four of which two are reserved for candidates from territories other than Delhi (if suitable candidates are not forthcoming from these territories the scholarship will be considered open).

Value of Scholarships: (a) Maintenance allowance per mensem: U.S.A. \$ 125 (Rs 595 approx.), U.K. £ 33.3 (Rs 444), (b) The cost of both ways passage, (c) Books, essential apparatus and study tour allowance per annum: U.S.A \$ 125 (Rs 595 approx.) U.K. £ 30 (Rs 400).

Courses of Study: Any branch of Science/Technology/Medicine and Fine Arts for which suitable facilities do not exist in India.

Country of Study: Any country where excellent facilities are available.

Duration: The duration of the scholarships is up to three years depending on the course of study.

Qualifications of Candidates: A first class Master's degree in Science, Agriculture or a first class Bachelor's degree in Engineering, Technology, Medicine or Veterinary Science.

Age: Below 30 years.

Eligibility: Only those candidates who by birth or domicile are natives of Centrally Administered Territories and who possess the above qualifications are eligible.

Applications invited in April of the year preceding the one to which the awards relate.

C. FULLY PAID SCHOLARSHIPS SCHEME

Object: (a) To meet the shortage of trained personnel in the country to man the development schemes of the Government, Universities, comparable institutions of higher education, etc., and (b) to improve standards of teaching and research in the country.

Number of Scholarships: 16 for scientific and cultural subjects.

Value of Scholarships: (a) Maintenance allowance per mensem: U.S.A. \$ 125 (Rs 595 approx.), U.K. £ 33.3 (Rs 444), (b) The cost of both ways passage, (c) Books, essential apparatus and study tour allowance per annum: U.S.A \$ 125 (Rs 595 approx.) U.K. £ 30 (Rs 400).

Courses of Study: Subjects in which adequate facilities are not available in India.

Country of Study: Any country where the best facilities are available.

Duration: From one to three years depending on the course of study.

Qualifications of Candidates: At least a first class Master's degree in any branch of Science or Agriculture or a first class Bachelor's degree in Engineering, Technology, Medicine or Veterinary Science (candidates with a brilliant educational career throughout will be preferred).

Age: 20 years - 25 years.

Eligibility: Candidates must have completed their studies and should be engaged in research work or practical training but should not be employed.

Applications invited in March of the year preceding the one to which the awards relate

(D) INDO-GERMAN INDUSTRIAL COOPERATION SCHEME (POST-GRADUATE STUDIES) 1956-57

Object: To make available to Indian Nationals facilities offered by the Federal Republic of Germany for Post-graduate studies in West German Universities and Institutions.

Number of Scholarships: 25 every alternate year, generally.

Duration: Two years and two months (two months required, if necessary, for acquiring reasonable proficiency in the German language before the commencement of the university session).

Subject of Study: Any branch of Science, Engineering or Technology, Qualifications of Candidates: (a) at least a second class Master's Degree in Science or a second class Bachelor's degree in Engineering or Technology, (b) at least two years' teaching, research or practical experience, and (c) working knowledge of the German language.

Age: Below 35 years.

Eligibility: Candidates must be employed and sponsored by Central/State Governments, Universities, Colleges or comparable institutions of higher education.

Value of Scholarship: (a) Maintenance allowance per mensem — DM 300 (Rs. 340), (b) exemption from payment of tuition and examination fees and (c) passage (i) cost of second class railway fare from the place of training in West Germany to the port of embarkation (on return journey), (ii) second/tourist class sea passage, whichever is available from the port of embarkation to the port of disembarkation in India (on return journey) and (iii) cost of first class railway fare from the port of disembarkation in India to the place of residence/duty (the cost of outward journey from the place of residence in India to the place of training in West Germany and all other expenses will be borne by the candidates or their sponsoring authorities).

Present Position: Of the 25 candidates selected for Post-graduate study under 1956-57 Scheme, 23 have already left for West Germany and the two remaining scholars were unable to avail themselves of the offer of scholarships. Their candidatures have since been cancelled. A further offer of 25 scholarships may be made in 1959. For these, applications will be invited some time in the middle of the year (1959-60), if the offer materialises.

(E) INDO-GERMAN INDUSTRIAL COOPERATION SCHEME (PRACTICAL TRAINING) 1956-57

Object: To utilise the offer made by the Federal Republic of Germany for practical training of Indian nationals in West German Industries.

Number of Scholarships: 80 every alternate year, generally.

Duration: From six to twelve months depending upon the nature of training.

Subjects of Training: Different branches of Engineering and Technology for which facilities can be secured in West Germany.

Qualifications of Candidates: (A) (i) (a) at least a second class Bachelor's degree in Engineering or Technology; and (b) at least two years' practical experience in a well-established industrial organisation or workshop; or (ii) (a) At least a second class Diploma in Engineering or Technology or a second class Bachelor's Degree in Science and (b) at least five years' practical experience in a well-established Industrial organisation or workshop; and (B) Working knowledge of the German language.

Age: Below 30 years (relaxable in case of candidates possessing exceptional technical experience).

Eligibility: Candidates must be employed and sponsored by Central/State Governments/Universities/comparable institutions of higher education/Colleges and Research Institutes/well-established firms workshops/laboratories.

Value of Scholarships: (a) Maintenance allowance per mensem—D.M. 300 (Rs. 340). The remuneration paid by the firms to the trainees, if any, will be deducted from this allowance, in case the remuneration is more than D.M. 300 per mensem the trainee will be allowed to retain the entire amount, and (b) passage as under post-graduate studies.

Present Position: Under the Indo-German Industrial Cooperation Scheme 1956-57, only 35 candidates were selected in the first instance. Of them 31 have left and the rest will proceed shortly. For the remaining 45 scholarships, offer of places were received during 1958-59 and selections are being finalised. A further offer of 80 scholarships may be made in 1959. For these, applications will be

invited some time in the middle of the year (1959-60), if the offer materialises.

FELLOWSHIPS TO GERMAN NATIONALS FOR STUDIES IN INDIA (INDO-GERMAN INDUSTRIAL COOPERATION SCHEME 1956-57)

Object: To reciprocate the gesture of goodwill made by the Federal Republic of Germany in offering facilities for practical training and Post-graduate studies of Indian Nationals in West Germany and to offer Fellowships to German Nationals for studies in India.

Number of Fellowships: Ten Fellowships are awarded every alternate year.

Duration: The duration of the Fellowships is up to two years depending on the course of study/research.

Subject of Study: Post-graduate study/research in Fisheries, Marine Productivity, Agriculture and Tropical Medicine and also in Languages, Religion, Philosophy, etc., at the Indian Universities/Institutions.

Qualifications of Candidates: Minimum qualifications for a research course is a good Master's degree.

Age: No age limit is prescribed; generally matured persons are selected and recommended by the West German Government.

Medium of Instruction: English.

Value of Fellowships: (a) Maintenance allowance Rs. 500 per month. (b) Cost of passage from the place of residence in West Germany to the place of study in India and back.

Present Position: Ten Fellowships were last awarded during 1956-57. A further offer of ten Fellowships is expected to be made in 1959-60 and applications are likely to be invited through the West German Government some time in the middle of the year (1959-60) for the purpose.

SCHOLARSHIPS OFFERED BY FOREIGN GOVERNMENTS/ ORGANIZATIONS DURING 1958-59

Due publicity through Press and Radio will be given in the event of their being repeated during 1959-60. Normally conditions detailed

below will be applicable unless otherwise specified in publicity. The number and duration of scholarships vary from year to year and subject fields are open to revision.

1. AUSTRIAN GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Two.

Value of Scholarships: Maintenance Allowance — Rs. 380.00 p.m. approx.

Duration: The scholarship is tenable for a period of at least nine months.

Subject of Research: Any branch of Engineering or Medicine.

Qualifications of Candidates: A good degree (preferably first class) in Engineering or Medicine (where no division or class is awarded 60 per cent or more marks will be considered as equivalent to first class), two years' experience in teaching or research or professional work in a recognised organisation after graduation in the subject concerned; and adequate knowledge of the German language (a certificate to this effect will have to be furnished in the prescribed form).

Age: Should not be more than 35 years.

2. BELGIAN GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Two.

Value of Scholarships: Maintenance Allowance — Rs. 475.00 p.m. approx.

Duration: One year.

Subjects of Research: Post-graduate research in Mining, Metallurgy, Chemical Engineering or Naval Architecture.

Qualifications of Candidates: A first class Bachelor's degree in Mining, Metallurgy, Chemical Engineering or Naval Architecture; at least two years' teaching, practical or research experience and a working knowledge of the French language.

Age: Below 35 years of age.

3. CZECH GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Thirty-three — three for Post-graduate work and 30 for practical training.

Value of Scholarships: Maintenance Allowance — Rs. 1,400.00 p.m. approx.

Details regarding Scholarships for Post-graduate Study/Research:

Duration: Three years including about six months' study of the Czech language if found necessary.

Subjects: Botany, Zoology, Geology, Physics, Atomic Science, Mathematics, Public Health and Medicine.

Qualifications of Candidates: At least a second class Master's degree in Botany, Zoology, Geology, Physics, Atomic Science and Mathematics plus two years' practical/teaching or research experience after the degree. For Public Health and Medicine, at least a second class Bachelor's degree or equivalent qualifications plus two years' practical experience after the academic qualifications.

Eligibility: Candidates should either be employed as teachers at Universities, Colleges or comparable institutions of higher education or employed and engaged in research work in recognised research institutions.

Details regarding Scholarships for Practical Training:

Duration: One and a half to two and a half years. This includes six months for learning the Czech language.

Subjects and Qualifications: The subjects of Practical Training are in the fields of Technology and Engineering. Details of subjects and qualifications can be obtained on application.

Eligibility: Candidates should either be employed with educational/engineering/technical institutions, Government Departments, Industrial concerns or well established firms.

Age: Not more than 35 years.

4. (a) FRENCH GOVERNMENT SCHOLARSHIPS FOR POST-GRADUATE STUDIES/TRAINING

Object: Promotion of cultural relations with India.

Number of Scholarships: Seven.

Value of Scholarships: Maintenance Allowance — Rs. 410.00 p.m. approx.

Subjects: The scholarships are not for any particular subject. The candidates may choose any one of the subjects in the field of Science, Technology and Fine Arts.

Qualifications of Candidates: At least a second class Master's degree or equivalent diploma in the subjects of Science and Technology. For Fine Arts, a degree or an equivalent diploma in Fine Arts from a recognized institution.

Age: Below 35 years.

4. (b) FRENCH GOVERNMENT SCHOLARSHIPS FOR SPECIALISED TRAINING

Number of Scholarships: Twelve.

Value of Scholarships: Maintenance Allowance — Rs. 850.00 p.m. approx.

Duration: Six months.

Subjects of Training: Agriculture, Administration, Architecture and Town Planning, Applied Scientific Research, Public Health, Social Subjects, Technical Teaching.

Qualifications of Candidates: All candidates should possess a working knowledge of the French language. At least a second class Bachelor's degree in Agriculture, Administration, Architecture and Town Planning, Public Health, Social Subjects and at least a second class Master's degree in Applied Scientific Research, Technical Education plus three to five years' experience in the subject concerned.

Age: Not more than 45 years of age, relaxable to 48 years in cases of otherwise qualified and experienced candidates.

Eligibility: Candidates should hold responsible posts under the Central/State Government (including semi-government organisations) and should be sponsored by their employers.

5. HUNGARIAN GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Six.

Value of Scholarships: Maintenance Allowance — Rs. 750.00 p.m. approx.

Duration: One year, with the possibility of extension by another year.

Subjects of Research/Study: Post-graduate research/training in (i) Manufacture of Thermo-Electric Power Plants, (ii) Manufacture of Railway Rolling Stocks, (iii) Manufacture of Aluminium and (iv) Manufacture of Scientific Instruments.

Qualifications of Candidates: Bachelor's degree in Engineering or M.Sc. at least in second class and at least two years' Practical experience in Industry/Research/Teaching/Government Department.

Age: Below 35 years.

6. ISRAELI GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India

Number of Scholarships: One.

Value of Scholarship: Maintenance Allowance — Rs. 541.00 p.m. approx.

Duration: Nine to ten months.

Subject: Arid Zone Farming.

Qualifications of Candidates: Candidates should possess a first class Bachelor's degree in Agriculture or at least a second class Master's degree in Agriculture.

Age: Not more than 35 years.

7. ITALIAN GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Five.

Value of Scholarships: Maintenance Allowance — Rs. 380.00 p.m.

approx.

Duration: One year.

Subject of Study/Research: Art, Science, Technology, Museology, Restoration of Paintings and Film Technique.

Qualifications of Candidates: (i) A degree or an equivalent diploma in Fine Arts or Paintings from a recognized institution and two-years' practical/teaching experience. (ii) For Restoration of Paintings, at least Intermediate with Chemistry and Physics or an equivalent qualification in the same subjects also in addition to (i) above. (iii) For Science, at least a second class M.Sc. degree from a recognised University/Institution; and two years' practical/teaching experience. (iv) For Technology, at least a first class degree in Engineering or Technology from a recognised institution, and two years' practical/teaching experience. (v) For Film Techniques, at least a Matriculate with a diploma/certificate in production/direction/operation/photography from recognised institution/University; and three years' practical/teaching experience. (vi) For Museology, at least a second class Bachelor's degree in Art, Archaeology or Museology; and at least six months' research experience in a recognised Museum.

Age: Below 35 years,

8. JAPANESE GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Three.

Value of Scholarships: Maintenance Allowance — Rs. 270.000 p.m. approx.

Duration: Two years.

Subject of Study/Research: Any branch of Agriculture, Science, Engineering or Technology.

Qualifications of Candidates: (1) A first class Master's degree or a second class Master's degree with a doctorate degree in Agriculture or Science, or a first class Bachelor's degree in Engineering or Technology and (2) At least three years' teaching, practical or research experience.

Age: Below 35 years.

9. NETHERLANDS GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: One.

Value of Scholarship: Maintenance Allowance — Rs. 338.00 p.m. approx.

Duration: One academic year which may be extended to two years on satisfactory work.

Subjects of Research: Hydraulic Engineering/Fine Arts.

Qualifications of Candidates: A first class Master's degree or a second class Master's degree with a first class Bachelor's degree in Science. For Fine Arts, a degree or an equivalent diploma in Fine Arts from a recognised institution.

Age: Below 35 years.

10. RUMANIAN GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Five.

Value of Scholarships: Maintenance Allowance — Rs. 710.00 p.m. approx.

Duration: Two years.

Subjects: Oil Technology, Petroleum Refining, Petroleum Mining, Geology and Mining.

Qualifications of Candidates:

(a) For Oil Technology (i) Petroleum Refining — A degree in Chemical Engineering or Oil Technology at least in second

- class. (ii) Petroleum Mining A degree in Mining Engineering or equivalent qualifications at least with second class. Graduates in Petroleum Technology, at least second class may also apply.
- (b) For Geology: Master's degree in Geology, at least second class.
- (c) For Mining: A degree in Mining Engineering or equivalent qualifications, at least second class.

Age: . Below 35 years.

11. SPANISH GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: One.

Value of Scholarship: Maintenance Allowance — Rs. 228.00 p.m. approx.

Duration: Nine months.

Subjects of Study: Sculpture, Restoration of Paintings and Museology.

Qualifications of Candidates: (i) a degree or an equivalent diploma in Fine Arts or Paintings from a recognised institution, (ii) at least Intermediate with Chemistry and Physics or an equivalent qualification in the same subjects, (iii) at least a second class Bachelor's degree in Art, Archaeology or Museology.

Age: Below 35 years.

12. SWEDISH GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: One.

Value of Scholarship: Maintenance Allowance — Rs. 454.00 p.m. approx.

Duration: The duration of the scholarship is one academic year which may be extended in case of good work.

Subject: Science/Technology/Engineering.

Qualifications of Candidates: For Technological and Engineering subjects, a first class Bachelor's degree with three years' teaching/practical or research experience.

Age: Below 35 years.

13. SWISS GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India

Number of Scholarships: Two.

Value of Scholarships: Maintenance Allowance — Rs. 540.00 p.m.

approx.

Duration: One year.

Subject of Study/Research: Post-graduate study or research in any branch of Science, Technology or Engineering at one of the Swiss Universities or at the Federal Institute of Technology, Zurich.

Qualifications of Candidates: A first class Master's degree in Science or a first class Bachelor's degree in Engineering or Technology; two years' teaching/practical or research experience after obtaining the degree; and a working knowledge of the German or the French language.

Age: Below 35 years.

Eligibility: Candidates should either be employed in Industry, or as teachers in Universities, Colleges or comparable institutions of higher education or employed and engaged in research work in recognised research institutions. Each sponsoring authority will have to furnish a certificate to the effect that the candidates will be suitably employed with them on return to India from Switzerland for a period of at least three years.

14. UNITED ARAB REPUBLIC GOVERNMENT SCHOLARSHIPS

Object: Promotion of cultural relations with India.

Number of Scholarships: Two.

Value of Scholarships: Maintenance Allowance — Rs. 300.00 p.m. approx.

Duration: Nine months.

Subject of Training/Research: Irrigation Engineering, and Cotton growth and Research.

Qualifications of Candidates: (i) for Irrigation Engineering, at least a first class Bachelor's degree in Civil Engineering (Civil) or an equivalent qualification, (ii) for Cotton growth and Research, at least a first class B.Sc. (Hons) in Agriculture or second class M.Sc. in Agriculture or an equivalent qualification; and at least two years' practical/teaching/research experience in the subject concerned.

Age: Below 35 years

Eligibility: Candidates should either be employed as teachers in Universities, Colleges, comparable institutions of higher education, engineering/technical institutions or employed in Government Department or employed and engaged in research work in recognised research institutions; each sponsoring authority will have to furnish a certificate to the effect that the candidates will be suitably employed with them on return to India for a period of at least three years.

15. U.S.S.R. GOVERNMENT SCHOLARSHIPS

Object: Training of nationals from the E.C.A.F.E. region.

Number of Scholarships: Eleven each year for a period of five years from 1957-58.

Value of Scholarships: Maintenance Allowance — Rs. 810.00 p.m. approx.

Duration: Three years.

Subject of Study/Research: Basic Science and Technology, Agriculture and Medicine.

Qualifications of Candidates: At least a second class Master's degree in Science or Agriculture or at least a second class Bachelor's degree or equivalent qualification in engineering, technology or medicine and at least two years' teaching/practical or research experience.

Age: Not more than 35 years.

Eligibility: Candidates should either be employed as teachers at Universities, Colleges or comparable institutions of higher education

or employed and engaged in research work in recognised research institutions. Each sponsoring authority will have to furnish a certificate to the effect that the candidates will be suitably employed on their return to India for a period of at least three years.

16. INTERNATIONAL ASSOCIATION FOR THE EXCHANGE OF STUDENTS FOR TECHNICAL EXPERIENCE (IAESTE)

India is a member of the International Association for the Exchange of Students for Technical Experience and as such receives offers of practical training facilities from Member countries. The duration of long-term training offered is six to 12 months. Short-term offers are utilised for Indian students by the High Commission of India in the United Kingdom at London. It is under consideration whether or not long-term offers may also be utilised by them.

Candidates for these scholarships should be graduates in Engineering, should possess not more than six months' practical experience after graduation, and should be not more than 25 years of age. Selected candidates must meet their expenses on the onward and return journey themselves. They are paid a reasonable remuneration that varies from country to country and firm to firm during the period of their training.

17. BRITISH SCHOLARSHIPS

(a) FEDERATION OF BRITISH INDUSTRIES OVERSEAS SCHOLARSHIPS

Number of Scholarships: Six.

Duration of Training: Six to 12 months.

Subject of Training: Training is provided in all the branches of Engineering. Places are, however, found more easily for Electrical, Mechanical and Civil engineers.

Qualifications:

- (a) All applicants must hold at least a second class degree or an equivalent diploma in Engineering.
- (b) At least five years' industrial or practical experience after obtaining the qualifications at (a) above.

Age: Not more than 35 years.

Eligibility: Only those candidates who are sponsored by their employers are eligible to apply. The sponsors are also required to give an undertaking to the effect that their candidate, if selected, will be released by them for the training and will be employed by them for a period of at least three years on their return.

Financial Implications:

(a) Maintenance: £550 per annum (free of income tax including the scholar's own contribution at £100 p.a.) The candidates are required to deposit £100 with the F.B.I. authorities in India before their departure for the United Kingdom.

Maintenance allowances are paid from the date of arrival in the United Kingdom and up to the date of departure provided this takes place within reasonable time of completion of training. Payments are made in advance at the beginning of each month.

(b) Travel: The passage expenditure for scholars will be borne by the Government of India.

The selection of scholars is in progress. The offer is likely to be repeated next year.

(b) BRUSH ABOE GROUP OF COMPANIES SCHOLARSHIP

The Brush Aboe Group of Companies in the United Kingdom offer one scholarship every year for practical training of an Indian National in their factories in the United Kingdom. The value of the scholarship, which is tenable for two years, is £10 6s. 4d. per week. In addition, the Group will provide a free return passage from the place of the trainee's residence to the place of training in the United Kingdom. The selection for 1958-59 has already been made.

(c) ROYAL COMMISSION AND RUTHERFORD SCHOLARSHIPS

The Royal Commission for the London Exhibition 1851 offer a Science Research Scholarship for an Indian national and one Rutherford Scholarship of the Royal Society (for a national of any of the Commonwealth countries).

The Science Research Scholarship is for research in some branch of pure or applied science for a period of two years and is of the basic value of £550 per annum. The Rutherford Scholarship will be awarded for experimental research in any branch of Natural Sciences, but preference will be given to candidates who propose to work in Experimental Physics. It will be tenable for three years and its value will be between £650 and £850 per annum.

Candidates should possess a first class Master's degree in Science and at least two years' research experience. Their age on May 1, 1959 should be ordinarily under 26 years. Last date for receipt of applications for 1959-60 on the prescribed proforma in the Ministry of Scientific Research and Cultural Affairs through the Head of the University or Institution concerned was 31st December, 1958.

18. WEST GERMAN SCHOLARSHIPS

(a) AD HOC SCHOLARSHIPS OFFERED BY THE GOVERN-MENT OF THE FEDERAL REPUBLIC OF GERMANY AND THE GERMAN ACADEMIC EXCHANGE SERVICE (DAAD) FOR POST-GRADUATE STUDY IN WEST GERMANY - 1958-59.

Object: To utilise ad hoc scholarships offered by the Government of the Federal Republic of Germany (West Germany) and the German Academic Exchange Service (DAAD) to Indian Nationals for post-graduate study at the Universities of the Federal Republic of Germany and West Berlin.

Number of Scholarships: Eight.

Duration and Subjects of Study: (a) Atomic Energy — Four scholar-ships of two years' duration; (b) Pharmacology and other unspecified subjects—Four scholarships of one year's duration.

Qualifications of Candidates: (a) Master's degree in Science with first class at Bachelor's/Master's level and at least two years' practical/research/teaching experience in the line for which scholarship is offered. (b) Adequate knowledge of the German language.

Age: Below 40 years for Pharmacology and other unspecified subjects and below 27 years for Atomic Energy.

Eligibility: Candidates for the award of scholarships should submit certificates to show that they possess requisite knowledge in the subject. Selected scholars who do not reach West Germany by the due date will lose the scholarship.

Value of Scholarship		Atomic Energy	Pharmacology and other unspecified subjects.	
(a)	Maintenance Allowance	DM.300 p.m.	DM.300 p.m.	
(b)	Extra Allowance	DM.600 per annum	DM.600 per annum	
(c)	Registration and Tuition Fees	Free	Free	
(d)	Passage	From India to Germany and back.	From German Border to the place of study in Germany and back.	

Present Position: One of the two candidates selected for Atomic Energy has left for West Germany and one candidate selected for Pharmacology has also gone to West Germany. Selection for the two remaining scholarships for Atomic Energy and three for other subjects has been made in West Germany.

(b) SCHOLARSHIPS OFFERED BY THE FEDERAL REPUBLIC OF GERMANY AND HAMBURG UNIVERSITY STUDENTS' UNION (WEST GERMANY)—1957-58 (POST-GRADUATE STUDY)

Object: To utilise 50 scholarships offered by the Government of Federal Republic of Germany and two scholarships offered by the Hamburg University Students' Union (West Germany) to Indian Nationals for post-graduate study and research in West German Universities and Institutions of Technology and thus to get trained teachers for Engineering and Technical institutions of the first degree/post-graduate standard and teachers in Humanities and Basic Sciences for Universities (in India).

Duration: Up to two years.

Subject of Study: Branches of Engineering, Geophysics, Applied Mathematics, Humanities including Indology, Fine Arts, Applied Arts and Basic Sciences.

Qualifications of Candidates: (a) At least Master's Degree in Science with a first class at Bachelor's/Master's level or a second class Bachelor's degree in Engineering or Technology for Branches of Engineering, Geophysics and Applied Mathematics and Master's or equivalent degree in any of the branches of Humanities and Basic Sciences with a first class at Bachelors/Master's level; (b) at least two years' experience in teaching/industry or Government Department/research; and (c) working knowledge of the German language.

Age: Below 35 years.

Eligibility: Candidates who are engaged in teaching work in Universities/comparable institutions of higher education/recognised colleges of the first degree or the post-graduate standard or will be engaged in teaching at such institutions on the completion of their studies abroad and who are sponsored by Universities/comparable institutions of higher education/recognised colleges of the first degree or the post-graduate standard are eligible for the award of these scholarships.

Value of Scholarships	Federal Government Scholarship	Hamburg University Students' Union.
(a) Maintenance allowance	DM 300 (Rs. 340 p.m.)	DM 250 (Rs. 285) p.m.
(b) Tuition Fees	uition Fees Free Tuition	
(c) Cost of Passage	Free passage both ways.	Free passage both ways.

Present Position: Of the candidates selected for 50 Federal Republic of Germany scholarships, 45 have left for West Germany. For the five remaining scholarships, selection was made by the Indian Embassy, Bonn from amongst the students already in Germany. Two candidates selected for the scholarships offered by the Hamburg University Students' Union (West Germany) have left for West Germany.

(c) SCHOLARSHIPS OFFERED BY THE GOVERNMENT OF THE FEDERAL REPUBLIC OF GERMANY 1958-59 (Practical Training)

Object: To utilise the scholarships offered by the Government of Federal Republic of Germany (West Germany) to Indian nationals for practical training in Industries.

Number of Scholarships: 150 (converted to 100 - i.e. 50 of one year's duration and 50 of two years' duration).

Duration: 50 of one year and 50 of two years' duration.

Subjects of Training: Branches of Engineering and Technology.

Qualifications of Candidates for Scholarships of One Year's Duration:

A. Essential: General education at least up to Matriculation standard and a minimum of seven years' practical experience which may include not more than three years' apprenticeship in the particular field of choice in a well established industrial concern/Government Department/Semi-Government Organisation. Preference will be given to those who have served in a supervisory position.

` Or

Certificate of Craftsmanship or technical training awarded by Directorate-General of Resettlement and Employment/State Government/any other recognised authority and at least five years' practical experience in the particular field in a well-established industrial concern/Government Department/Semi-Government Organisation. Preference will be given to those who have served in a supervisory position.

Or

Degree or Diploma in Engineering/Technology and two years' practical experience in the particular field in a well-established industrial concern/Government Department/Semi-Government Organisation.

- B. Desirable: Elementary knowledge of the German language.
- C. Age: Below 30 years.

D. Eligibility: Only those candidates, who are employed and are sponsored by Government Departments/Industrial concerns/Well Established Firms/Technological Institutions are eligible.

Qualifications of Candidates for Scholarships of Two Years' Duration:

The matter is under consideration.

Value of Scholarships: (a) Maintenance allowance in those cases, where the remuneration paid by the firms is less than DM 300 (Rs. 340) p.m.; (b) Board and lodging and pocket money of DM 50 p.m. during a two-month language course in West Germany; (c) Insurance during the period of training in Federal Republic of Germany and (d) cost of journey from India to Germany and back.

Present Position: Selection of candidates for 50 scholarships of one year's duration is being finalised. Matter regarding 50 scholarships of two years' duration is under consideration and applications are likely to be invited in the next academic year.

(d) SCHOLARSHIPS OFFERED BY THE HAMBURG CHAMBER OF COMMERCE (WEST GERMANY) 1957-58 (Practical Training).

Object: To utilise the scholarships offered by the Hamburg Chamber of Commerce (West Germany) to Indian Nationals for practical training in German Industries.

Number of Scholarships: 100 (one hundred).

Duration: One year with possibility of an extension for a further period of one year in deserving cases of Polytechnic teachers.

Subject of Training: Branches of Engineering and Technology.

Qualifications of Candidates:

A. (i) At least a second class Bachelor's degree in Engineering or Technology; (ii) At least two years' practical experience in an educational institution or in industry or in a Government Department.

Or

(i) At least a second class Diploma in Engineering or Technology or Craftsmanship or a second class Degree in Science/

Commerce/Arts; (ii) At least five years' practical experience in an educational institution or in industry/well-established firm or in a Government Department (2 years for Polytechnic teachers).

B. Working knowledge of the German language.

Eligibility: Candidates who are employed and are sponsored by an educational institution or a Government Department or Industrial concern/well-established firm who should also certify that the selected candidates will on their return be suitably employed, are eligible.

For training as polytechnic teachers all those who possess the requisite qualifications and are either working as teachers or will work as teachers on return from Germany are eligible, if sponsored by State Government/Technical Institutions concerned.

Value of Scholarships: (A) Maintenance Allowance — DM 300 (Rs. 340) p.m. In some cases, this sum will be supplemented by special amounts due to special performances, meals at concession rates or free lodging. The firms where trainees are engaged, will decide these points. (B) Passage — The cost of passage from West Germany to India on return journey will be met by the Government of India. The cost of the outward journey from India to Germany will be met by the candidates or their sponsoring authorities.

Present Position: 34 Polytechnic teachers and 36 Technicians have already left for West Germany. Two Teachers and 28 Technicians will leave shortly.

(e) FREE HANSEATIC CITY OF HAMBURG SCHOLARSHIPS AT THE UNIVERSITY OF HAMBURG (WEST GERMANY) 1957-58

Object: The object of the Scheme is to enable suitable candidates of Indian Nationality to avail themselves of the offer of ten scholarships made by the Free Hanseatic City of Hamburg for post-graduate study and research at the University of Hamburg.

Number of Scholarships: Ten only,

Duration: The duration of the scholarships is up to three years.

Subjects of Study: Ten scholarships for Medicine, Biology, Chemistry, Geology, Geophysics, Nutrition Chemistry, Mathematics, Meteorology, Mineralogy, Oceanography, Physics and Indology.

Qualifications of Candidates: (a) Master's degree in Arts/Science with a first class at Bachelor's/Master's level or at least a second class Bachelor's degree in Medicine; (b) at least two year's teaching/training experience. (c) working knowledge of the German language.

Age: Candidates should be below 30 years of age.

Eligibility: Only those candidates who are engaged in first degree/post-graduate teaching work and research in Universities or comparable institutions of higher education/recognised colleges, and who are sponsored by their employers who should also certify that the selected candidates will, on their return, be employed in post-graduate teaching/research work, are eligible for these scholarships. For medical subjects, the condition that the selected candidates will, on their return, be engaged for post-graduate teaching or research work, will be insisted upon and in respect of other subjects, this condition may be relaxed in cases otherwise suitable. Each sponsoring authority will be required to furnish a certificate to the effect that the candidate will be suitably employed on return to India from Germany for a period of at least three years.

Value of Scholarships: DM 300 (Rs. 340 approx.) p.m. (b) Exemption from payment of tuition fees with the exception of half yearly contribution to the 'Students' Self Government (at present D.M. 22.50); (c) Travelling expenses for journey from India to Hamburg and back and (d) cost of tour of the Federal Republic of Germany after conclusion of the last semester.

Present Position: Selections for the ten scholarships have already been made. Nine scholars have already reached West Germany and the tenth is leaving shortly.

19. EAST GERMAN SCHOLARSHIPS

SCHOLARSHIPS OFFERED BY THE GOVERNMENT OF THE GERMAN DEMOCRATIC REPUBLIC (EAST GERMANY) 1957-58

Object: The object is to utilise 50 scholarships offered by the Government of the German Democratic Republic (East Germany) to Indian Nationals for post-graduate study and research in East German Universities and Institutions of Technology and thus to get trained

teachers for Engineering and Technical Institutions of the first degree/post-graduate standard in India.

Number of Scholarships: 50.

Duration: The duration of a scholarship is up to two years and two months. (Two months required, if necessary, for acquiring a reasonable proficiency in the German language before the commencement of University session).

Course of Study: Various branches of Engineering, Technology, Geophysics, and Applied Mathematics.

Qualifications of Candidates: At least a Master's degree in Science with a first class at Bachelor's/Master's level or a second class Bachelor's degree in Engineering/Technology. (Note: Where no division/class is awarded 60% and above marks will constitute a first class, and 50% and above but below 60% marks will constitute a second class). (b) At least two years' experience in teaching/industry or Government Department/research; and (c) Working knowledge of the German language.

Age: Below 35 years.

Eligibility: Only those candidates who are engaged in teaching work at Universities/comparable institutions of higher education/recognised colleges of the first degree or the post-graduate standard or will be engaged in teaching in such institutions on the completion of their studies abroad and who are sponsored by Universities/comparable institutions of higher education/recognised colleges of the first degree/or the post-graduate standard are eligible for the award of these scholarships. Each institution should sponsor not more than one candidate for each major branch of Engineering/Technology provided a first degree/post-graduate course in that branch is offered at the institution. For Applied Mathematics, however, any technical Institution may nominate a candidate.

Value of Scholarships: (a) Maintenance allowance DM 450 (Rs. 500 approx.) p.m. (b) Free tuition and (c) Travel expenses on return journey from East Germany to India.

The cost of the outward journey from the place of residence/duty in India to the place of training in East Germany and all other expenses will be borne by the candidates or their sponsoring authorities.

Present Position: Of the 50 scholars selected, 47 have left for East Germany. The remaining three are leaving shortly.

A fresh offer of 30 scholarships for Post-graduate studies as well as 150 scholarships for practical training has been received. Terms and conditions are being finalised.

20. COLOMBO PLAN

(FOREIGN STUDENTS COMING TO INDIA FOR STUDIES)

Under this Scheme, the Government of India award scholarships to the Nationals of South and South-East Asian Countries for studies/training in India, mainly in Scientific and Technical subjects. There is no limit to the number of scholarships for individual countries. As far as possible, the Government of India try to meet the entire requirements of foreign Governments.

Countries to which scholarships are offered under the Scheme:

- 1. Australia
- 2. Burma
- 3. Ceylon
- 4. Cambodia
- 5. Indo-China
- 6. Indonesia
- 7. Japan
- 8. Malaya
- 9. Nepal
 - 10. New Zealand
 - 11. Pakistan
 - 12. Philippines
 - 13. Singapore
 - 14. Thailand

The duration of Scholarship/Fellowship depends upon the duration of the course for which a scholar comes for study/training. But there is no commitment beyond June, 1961, i.e. the date up to which the Colombo Plan exists at present.

21. T.C.M. SCHOLARSHIPS SCHEME

Number of Scholarships: 60.

Subject of Study/Training: Civil Engineering, Electrical Engineering, Mechanical Engineering, Chemical Engineering, Metallurgy, Geology, Geophysics, Architecture and Mining.

Country of Study: U.S.A.

Duration: One year.

Qualifications: Applicants must hold at least a first class degree or an equivalent diploma in Engineering/Technology.

Desirable: About one year's teaching/research/practical experience in a University, engineering or technical institution, industry or Government department.

Age: Not more than 30 years.

Financial Implications:

- (i) Maintenance allowance varying from \$7 to \$12 per day depending upon the place of study/training.
- (ii) An allowance for the purchase of books and technical supplies.
- (iii) Free passage from Delhi to the place of study/training in the U.S.A.
- (iv) First Class rail fare from the place of residence to Delhi and back (to be borne by the Government of India).

Bond: The selected scholars are required to execute a bond with the Government of India to serve them or as desired by them for a period of at least three years as a teacher in an engineering/technical institution in India.

Of the 60 scholars selected this year, 56 are already studying in the U.S.A. Three are expected to leave in January, 1959 and one has declined to avail of the offer.

RECIPROCAL SCHOLARSHIPS SCHEME

Under this scheme the scholarships are awarded to Nationals of those countries that award scholarships to our Nationals, but countries that are covered under other scholarships schemes operated by the Government of India (except Exchange Programmes) are generally not included under this scheme. This scheme was instituted in 1953 and the scholarships under this scheme are offered every other year.

It is a composite scheme. The Ministry of Education are concerned with scholars for study of the Humanities and the Ministry

of Scientific Research and Cultural Affairs with scholars for study or training in fields other than the Humanities.

Ministry of Ministry of Education S. R. & C. A.

Number of scholars studying at present

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For

In addition, four Czechoslovakian scholars studying in India under the Exchange Programme of scholars between India and Czechoslovakia are also being paid from the funds of this scheme. As all these scholars are for the Humanities, Ministry of Education are looking after them.

For any branch

of Science, Techno- Human-

	logy and Fine Arts	ities
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We have already made the offer of two scholarships to the Government of Poland under the Exchange Programme of scholars between India and Poland and one scholarship to the Government of Netherlands at their request. The scholar from Netherlands has since arrived.

EXCHANGE PROGRAMME OF SCHOLARS BETWEEN INDIA AND CZECHOSLOVAKIA

Number of Scholarships: Five

Duration: The exact duration of training has not been fixed. It will depend on the nature of training that is accorded to the scholars and may be about two years.

Subjects of Training:

- (1) Glass and Ceramics:
 - (a) Production of superior quality pottery characterised by Bone China, Translucent and decorative pottery;
 - (b) Production of sanitary-wares; and
 - (c) Manufacturing technique of crystal and semi-crystal wares, as well as production of glass chatons (artificial jewellery).
- (2) Metallurgy: Both in ferrous and non-ferrous metallurgy, right from the pre-furnace treatment to the finishing of metals and alloys as indicated below:
 - (a) Ferrous metals: (i) Production of heavy forging; (ii) Pounding of ferrous materials; (iii) Production and Proceeding of alloy, tool and special steels; and
 - (b) Non-Ferrous metals: (i) Treatment of metallurgical residues, drosses, ashes etc. for recovery of metals and alloys; (ii) Gold rolling of copper and brass sheets and strips in coils; (iii) Production of thin walled extruded tubes of copper or/and brass for use in refrigeration and sugar mill machinery; and (iv) Die casting of non-ferrous metals or alloys.
- (3) Puppetry
- (4) Puppet Films
- (5) Painting
- (6) Sculpture.

Qualifications of Candidates: (i) Glass and Ceramics: (a) at least a second class Bachelor's degree in Chemistry, glass or ceramics or a diploma or a certificate in glass or ceramics; and (b) at least two years' teaching experience in glass or ceramics or two years' factory experience.

- (ii) Metallurgy: (a) at least a second class Bachelor's degree in Metallurgy; and (b) at least two years' teaching or practical experience in the line.
- (iii) Puppetry and Puppet films: (a) at least a Matriculate of recognised university or equivalent qualifications; and (b) at least three years' experience in the production of motion picture films/documentaries.
- (iv) Painting and Sculpture: (a) A degree or an equivalent diploma in Fine Arts (painting or sculpture); and (b) at least two years' teaching or practical experience in the line.

Age: Candidates should not be more than 35 years of age.

- Eligibility: (i) Glass, Ceramics and Metallurgy: Only those candidates who are employed and are sponsored by Central/State Governments, Universities, comparable institutions of higher education, colleges, recognised research institutions/laboratories and well established firms/workshops are eligible for the award of these scholarships. Each sponsoring authority will have to furnish a certificate in the prescribed form to the effect that the candidate will be released and suitably employed on return to India from Czechoslovakia.
- (ii) Puppetry, Puppet Films, Painting/Sculpture: Candidates need not be sponsored.

Bond: Each selected candidate will have to execute a bond with the Government of India to abide by the terms and conditions of the award.

Value of Scholarship: (a) A monthly stipend of 1,000 crowns (equivalent to Rs. 663.35) for board and lodging expenses; (b) free tuition; (c) free accommodation in hostels or hotels; (d) all expenses connected with travel within Czechoslovakia considered necessary in the interest of training received by the scholars; (e) free medical attendance; and (f) cost of 2nd/tourist class sea passage both ways. Five selected scholars are at present in Czechoslovakia.

EXCHANGE PROGRAMME OF SCHOLARS BETWEEN INDIA AND POLAND

Number of Scholarships: Two.

Duration: The duration of each scholarship is one academic year, which may be extended by mutual consent.

Subject of Study/Training: Application of Folk Art patterns to Cottage and Small-Scale Industries.

Qualifications of Candidates: (a) For one scholarship: (i) A good degree or equivalent diploma in Art or Painting from a recognised institution; and (ii) at least two years' practical experience after the diploma/degree.

(b) For the other scholarship: (i) Good knowledge of English or working knowledge of French or German. A certificate to this effect to be submitted from a recognised institution; (ii) an artist of some standing for which a certificate may be submitted from the Head of a recognised Art Institution or Organisation; and (iii) at least five years' experience in the line.

Age: Candidates should not be more than 35 years of age.

Value of Scholarships: (a) Maintenance stipend of 1200 Zlotys (Rs. 240 p.m.); (b) free boarding in an academic hostel; and (c) cost of tourist/second class passage both ways to be met by the Government of India.

Bond: Each selected candidate will have to execute a bond with the Government of India to abide by the terms and conditions of the award.

The two scholars selected for 1958-59 have left for Poland.

SCHOLARSHIPS TO YOUNG ARTISTS IN DIFFERENT CULTURAL FIELDS IN INDIA

With the object of encouraging young persons of outstanding promise in different cultural fields such as Fine Arts, Music, Dance, Drama, etc., the Government of India instituted this scheme in 1953. It was felt that owing to various social changes in the country, the patronage of art had ceased to exist and that persons of artistic talent were being driven into more remunerative, but nationally less enriching channels. The Government also noted the deterioration of artistic talent and standards. This scheme sought to encourage the development of artistic talent among the young and the promising in India.

Number of Scholarships: Not more than 100 at a time. (No number has been specified for particular field).

Subjects: Any field of cultural activity excluding Films and Literature e.g. Music, Dance, Drama and Fine Arts (Drawing, Painting and Sculpture) in India.

Duration: The duration of training that will be in the nature of apprenticeship will be determined in each case by the Ministry of Scientific Research and Cultural Affairs. It will normally be two years.

The continuance of the scholarship on the completion of one year will be subject to a test to be conducted by a panel of judges. A similar test will be conducted at the end of the two years period.

Qualifications: Candidates should have sufficient general education, so as to pursue their training effectively. They must also have acquired a degree of proficiency in their chosen field of activity sufficient to establish their outstanding promise.

Age: Candidates should be not less than 18 years and not more than 30 years of age on 15th April, 1958. Relaxation in age by up to two years on either side may be granted in exceptional cases at the discretion of the Government provided the requests for such relaxations are made and satisfactory reasons are put forth in support.

Stipend: Each scholar is paid Rs. 250 per month. This includes in addition to the scholar's living expenses, his/her travelling, books, art material or other equipment and tuition or training charges, if any.

Training: Each scholar is required to work in India at an approved institution or under an approved expert.

Bond: All scholars selected are required to enter into a Bond in the form prescribed by the Government of India undertaking to pursue conscientiously and for a specified period and under specified conditions the course of training approved by the Government of India.

Date of Applications: Applications are generally invited in the month of March/April every year.