



INDIAN STATISTICAL INSTITUTE

203 B. T. Road, Kolkata – 700 108

ADMISSION NOTICE - 1 : SESSION 2012 – 2013

B.Stat.(Hons.), B.Math.(Hons.), M.Stat., M.Math., M.S.(QE), M.S.(LIS), M.Tech.(CS), M.Tech.(QROR) and Research Fellowships.

Applications are invited for the following programmes from the candidates having qualifications as shown against each programme. Stipend/Fellowship as mentioned against each programme will be available to the deserving candidates.

1. **3-year B.Stat. (Hons.):** Successful completion of 10+2 years of Higher Secondary Education or equivalent with Mathematics and English. Stipend ₹ 3,000 per month. (Offered at Kolkata).

2. **3-year B.Math. (Hons.):** Successful completion of 10+2 years of Higher Secondary Education or equivalent with Mathematics and English. Stipend ₹ 3,000 per month. (Offered at Bangalore).

For the above two programmes, candidates who have been selected as Indian National Mathematical Olympiad Awardees to participate in the International Mathematics Olympiad Training Camp through test conducted by the National Board for Higher Mathematics, Department of Atomic Energy, Govt. of India, need not sit for the written test. Such candidates would be directly called for interview but are required to apply in the prescribed application form.

3. **2-year M.Stat.:** 3-year Bachelor's degree with Statistics as major subject, or a B. Stat./B. Math. degree/ a Statistician's Diploma/Senior Diploma from the Indian Statistical Institute. Stipend ₹ 5,000 per month (Offered at Delhi and Chennai).

4. **2-year M.Math.:** 3-year Bachelor's degree or a B.E./B.Tech. degree, with Mathematics and an exceptionally strong background in Analysis and Abstract Algebra or a B.Stat./B.Math. degree from the Indian Statistical Institute. Stipend ₹ 5,000 per month. (Offered at Kolkata).

5. **2-year Master of Science (M.S.) in Quantitative Economics:** 3-year Bachelor's degree in Economics / Mathematics / Statistics / Physics or a B.Stat. degree from the Indian Statistical Institute. Engineering graduates are also eligible. Candidates should have knowledge of Economics and Mathematics at the B.A./B.Sc. pass level. Stipend ₹ 5,000 per month (Offered at Kolkata & Delhi).

6. **2-year Master of Science (M.S.) in Library and Information Science:** 3-year Bachelor's degree in any discipline. Stipend ₹ 5,000 per month. (Offered at Bangalore).

7. **2-year M.Tech. in Computer Science:** (i) Master's degree in Mathematics/Statistics/Physics/Electronic Science/Computer Science/Computer Applications/Information Technology or, (ii) Bachelor's degree in Engineering/Technology or any other qualification considered equivalent (such as AMIE or, GRAD-IETE or, DOEACC 'B' Level). Stipend ₹ 8,000 per month. (Offered at Kolkata).

A candidate with a valid GATE score above a threshold (to be decided by the Selection Committee) in his/her own subject would be directly called for interview. However, such candidates are required to apply in the prescribed application form.

8. **2-year M.Tech. in Quality, Reliability and Operations Research:** (i) Master's degree in Statistics or Master's degree in Mathematics with Probability and Statistics as major subjects or Bachelor's degree in Engineering/Technology or equivalent or PG diploma in SQC & OR from the Indian Statistical Institute and (ii) Knowledge of Mathematics at graduate level and knowledge of Physics and Chemistry at Higher Secondary level. Stipend ₹ 8,000 per month. (Offered at Kolkata).

A candidate who was asked to discontinue any of the above programmes is not eligible for readmission to the same programme.

9. **1-year Post-Graduate Diploma in Statistical Methods with Applications:** 3-year Bachelor's degree with Mathematics as one of the subjects at the undergraduate level or a B.E./B.Tech. degree. Stipend ₹ 2,000 per month. (Offered at Tezpur).

10. Junior Research Fellowship:

(a) **Statistics:** (i) A good academic record with M.Stat., M.A./M.Sc. or equivalent degree in Statistics or, (ii) outstanding mathematical maturity with B.Stat./B.Math., B.A./B.Sc. or equivalent degree with Statistics as the main subject.

(b) **Mathematics:** (i) A good academic record with M.Stat., M.Math., M.A./M.Sc. or equivalent degree in Mathematics or, (ii) outstanding mathematical maturity with B.Stat./B.Math., B.A./B.Sc. or equivalent degree with Mathematics as the main subject.

(c) **Quantitative Economics:** (i) A good academic record with M.S.(QE), M.Stat., M.A./M.Sc. or equivalent degree in Statistics/Mathematics/ Economics/Econometrics or, (ii) outstanding mathematical maturity with B.A./B.Sc. degree with Economics as the main subject. A candidate possessing a Master's degree in any subject with Mathematics/Statistics at B.A./B.Sc. (Pass) level is also eligible.

(d) **Computer Science:** A good academic record with M.E./M.Tech. or equivalent degree in Electronics/ Telecommunication/ Radio Physics/ Computer Science/ Electrical Engineering/Microwave Communications/ Information Technology/Bioinformatics/ Biotechnology with Mathematics as a compulsory subject at the graduate level or a good academic record with M.Sc./M.C.A./M.A. or equivalent degree in Physics/ Mathematics/Applied Mathematics/Statistics/Electronic Sciences/ Computer Science/Atmospheric Science/Information Technology/ Bioinformatics/Biotechnology with Mathematics as a compulsory subject at the graduate level. Outstanding candidates having B.E./B.Tech. or equivalent degree in the above subjects will also be eligible.

(e) **Quality, Reliability and Operations Research:** A good academic record with M.Tech./M.E./M.S./M.Phil or equivalent degree in Quality/Reliability/Operations Research or a good academic record with M.Sc./M. Sc./M.A. or equivalent degree in Mathematics/Statistics/Physics with Mathematics as a compulsory subject at the graduate level. Outstanding candidates having B.E./B. Tech. or equivalent degree in the above subjects will also be eligible.

(f) **Physics and Applied Mathematics:** A good academic record with M.Sc. in Physics/Mathematics/Statistics.

(g) **Agriculture and Ecology:** A good academic record with M.Sc. in Agriculture with specialization in Agronomy or M.Sc./M. Stat or equivalent degree in Statistics or M.Sc. in Botany with specialization in Plant Physiology and Biochemistry or M. Sc. in Environmental Sciences.

(h) **Sociology:** A good academic record with M.A./M.Sc./M. Phil. or equivalent degree in Development Studies / Sociology / Economics / Agricultural Economics.

(i) **Geology:** A good academic record with M.A./M.Sc. in Geology/Applied Geology/Geophysics/ Remote Sensing and GIS or other equivalent.

(j) **Biological Anthropology:** A good academic record with M.Sc. in Anthropology with specialization in Biological/Physical Anthropology.

(k) **Human Genetics:** A good academic record with M.Sc. or equivalent in Biochemistry/Biophysics/ Genetics/Biotechnology/Molecular Biology or M.Sc./M.Stat. or equivalent degree in Statistics. Candidate with Statistics background need to apply and appear for JRF Statistics.

(l) **Library and Information Science:** A consistently good academic record with first or high second division in M. S. (LIS) awarded by the Indian Statistical Institute or Associateship in Documentation and Information Science of the Indian Statistical Institute or NISCAIR/INSDOC or its equivalent degree (such as Master's degree in Library and Information Science from any University) with at least 55% marks in undergraduate programme.

(m) **Psychology:** A good academic record with M.A./M.Sc. in Psychology/Applied Psychology.

(n) **Linguistics:** A consistently good academic record with a Bachelor's Degree in Linguistics/English as the Honours/full subject and First Class or high Second Class in Master's Degree in Linguistics (with specialization in Applied Linguistics/Language Teaching/Lexicography/ Field Linguistics/Computational Linguistics/Translation Studies/ Discourse Study)

Fellowships for 10(a) to 10(n): i) applicants with M.E./M.Tech. or equivalent: ₹ 18,000 per month and ii) others: ₹ 16,000 per month. A special fellowship of ₹ 20,000 per month is also available for outstanding candidates in each of the following subjects: (i) Statistics, (ii) Mathematics, (iii) Computer Science, (iv) Quantitative Economics and (v) Quality, Reliability and Operations Research. (Details are available in the Prospectus).

10(a) is offered at Kolkata, Delhi, Chennai and Bangalore; 10(b) is offered at Kolkata, Delhi and Bangalore; 10(c) is offered at Kolkata and Delhi; 10(d) is offered at Kolkata, Chennai and Bangalore; 10(e) is offered at Kolkata, Delhi, Hyderabad and Chennai; 10(l) is offered only at Bangalore. Remaining JRF programmes are offered only at Kolkata. Selection of candidates is based on academic record, written tests and interviews conducted by the Institute.

Due consideration is given to SC/ST/OBC/Physically Challenged candidates for all programmes from 1 to 9 above (i.e., excluding Junior Research Fellowship programme).

Detailed procedures for selection of the candidates who have been offered Junior Research Fellowships by the CSIR /NBHM are available in the prospectus. Limited hostel facilities are available. Candidates who are due to complete the qualifying examinations before 01 July 2012 may also apply. Prospectus and application form can be obtained from the following offices of the Indian Statistical Institute by post or in person: (a) Dean of Studies, Indian Statistical Institute, 203 B. T. Road, Kolkata 700 108, (b) Head, Delhi Centre, Indian Statistical Institute, 7, S.J.S. Sansanwal Marg, Near Qutab Hotel, Opposite Katwaria Sarai, New Delhi 110 016, (c) Head, Bangalore Centre, Indian Statistical Institute, 8th Mile, Mysore Road, R. V. College P.O., Bangalore 560 059, (d) Head, SQC & OR Unit, Indian Statistical Institute, 110 Nelson Manickam Road (1st floor), Aminjikarai, Chennai 600 029, (e) Head, SQC & OR Unit, Indian Statistical Institute, Street No. 8, Habshiguda, Hyderabad 500 007, by paying an amount of ₹ 500 (₹ 250 only for reserved categories in all programmes except Junior Research Fellowship) in cash (from 11 a.m. to 2 p.m. on working days from Monday to Friday) or by bank draft drawn in favour of "Indian Statistical Institute" payable at Kolkata. Request for application forms should have mailing address in CAPITALS. Postal orders, Money orders and Cheques will not be accepted. Completed Application Form should be sent to "Dean of Studies, Indian Statistical Institute, 203 B. T. Road, Kolkata 700108." Incomplete/ Improper Application Forms will be rejected. For further queries send email to isiamission@isical.ac.in

Prospectus, Application Form, Sample Questions and this Admission Notice will also be available on our website <http://www.isical.ac.in/~deanweb> in PDF format from 31 January 2012. Candidates who want to send the downloaded application form should read carefully the instructions given in the website before filling in the application form.

Distribution of Prospectus and Application Form : 31 January 2012 to 29 February 2012

Last date for receiving completed Application Form : 5 March 2012

Date of Selection Test (India and abroad) : 13 May 2012