



# INDIAN STATISTICAL INSTITUTE

203 B. T. Road, Kolkata – 700 108

## ADMISSION NOTICE : SESSION 2010– 2011

**B.Stat.(Hons.), B.Math.(Hons.), M.Stat., M.Math., M.S.(QE), M.S.(LIS), M.Tech.(CS), M.Tech.(QROR) and 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 Rs. 800/- 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 Rs. 800/- per month. **(Offered at Bangalore).**

Candidates for the above two programmes, who have successfully cleared the Indian National Mathematical Olympiad 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. However, such candidates are required to apply in the prescribed application form.

**3. 2-year M.Stat. :** 3-year Bachelor's degree with Statistics as full subject, or a B.Stat./B.Math. degree from the Indian Statistical Institute or a Statistician's Diploma/Senior Diploma in Statistics from the Indian Statistical Institute. Stipend Rs.1200/- per month **(Offered at Kolkata).**

**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 Rs. 1200/- 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 Rs.1200/- 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. The candidates must have secured at least 60% marks in the Bachelors' degree. Stipend Rs. 1200/- per month. **(Offered at Bangalore).**

**7. 2-year M.Tech. in Computer Science :** (i) Master's degree in Mathematics/Statistics/ Physics/ Electronic Sciences/ 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 Rs. 5000/- 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 Rs. 5000/- 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. 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. Stat./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) Biological Anthropology :** A good academic record with a Bachelor's degree with Anthropology as the Honours/full subject and a Master's degree in Anthropology (with specialization in Physical / Biological Anthropology).

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

**(h) Agriculture & Ecology :** A good academic record with M.Sc. in Botany (with specialization in Plant Physiology/Biochemistry)/ Environmental Science/Applied Mathematics/Statistics.

**(i) Sociology :** A good academic record with M.A./M.Sc. or equivalent degree in Development Studies/Sociology/ Economics/ Agricultural Economics or any other subject in Social Sciences.

**(j) Geology :** A good academic record with M. Sc. in Geology /Applied Geology /Geophysics or equivalent.

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

**(l) Library and Information Science :** A consistently good academic record with first or high second class 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.

**Fellowship for 9(a) to 9(l) :** i) applicants with M.E./M.Tech. or equivalent : Rs. 14000/- per month and ii) others : Rs. 12000/- per month. A special fellowship of Rs. 15000/- 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. **9(a) and 9(b) are offered at Kolkata, Delhi & Bangalore; 9(c) is offered at Kolkata and Delhi; 9(d) is offered at Kolkata and Bangalore; 9(e) is offered at Kolkata, Delhi, Hyderabad and Chennai; 9(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 8 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 2010** 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, 8<sup>th</sup> Mile, Mysore Road, R. V. College P.O., Bangalore 560 059, **(d)** Head, SQC & OR Unit, Indian Statistical Institute, 110 Nelson Manickam Road (1<sup>st</sup> 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 **Rs. 450/- (Rs. 225/- only for reserved categories of all programmes except Junior Research Fellowship Programme)** 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 (proper)**. Request for application forms should have mailing address in **CAPITALS**.

**Postal orders, Money orders and Cheques will not be accepted. Incomplete/Improper application Forms will be rejected.**

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 **09 February 2010**. 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	:	09 February 2010 to 05 March 2010
Last date for receiving completed Application Form	:	26 March 2010
Date of Selection Test (India and abroad)	:	09 May 2010