



# INDIAN STATISTICAL INSTITUTE

203 B. T. Road, Kolkata 700 108

## ADMISSION NOTICE

### SESSION: 2020-21

**B Stat (Hons), B. Math. (Hons),  
M Stat, M Math, MS (QE), MS (QMS), MS (LIS),  
M Tech (CS), M Tech (CrS), M Tech (QROR),  
PG Diplomas and Research Fellowships**

Applications are invited from eligible candidates for admission to the Degree and Diploma programmes as well as Junior Research Fellowships offered by the Indian Statistical Institute, listed below. Those who are due to complete the qualifying examination before July 31, 2020, may also apply. Stipends/Fellowships as mentioned against each programme will be available to the deserving candidates subject to satisfying the minimum academic qualification.

### List of Academic Programmes and Eligibility Criteria

- 3-year Bachelor of Statistics (Hons):** Successful completion of 10+2 years of Higher Secondary Education (or its equivalent) with Mathematics and English as subjects. (**Offered at Kolkata**)  
Stipend: ₹5000/- per month.
- 3-year Bachelor of Mathematics (Hons):** Successful completion of 10+2 years of Higher Secondary Education (or its equivalent) with Mathematics and English as subjects. (**Offered at Bengaluru**)  
Stipend: ₹5000/- per month.

The written test is waived for applicants who are INMO AWARDEES, based on their performance in the Indian National Mathematics Olympiad (INMO) conducted by the National Board of Higher Mathematics, Department of Atomic Energy, Government of India. Such candidates will be directly called for interviews but are required to apply in the prescribed application form like all other candidates (*see details in Prospectus*).

- 2-year Master of Statistics:** (i) a 3-year Bachelor's degree or a BE/B.Tech. degree with Statistics as a subject, or (ii) B. Math. Degree from Indian Statistical Institute (ISI), or (iii) a PG Diploma in Statistical Methods and Analytics from ISI. (**Offered at Delhi**)

Stipend: ₹8000/- per month.

4. **2-year Master of Mathematics:** (i) a 3-year Bachelor's degree or a BE/B Tech Degree with Mathematics as a subject, or (ii) B. Stat. degree from ISI. **(Offered at Kolkata)**

Stipend: ₹8000/per month.

5. **2-year Master of Science in Quantitative Economics:** (i) a 3-year Bachelor's degree in any discipline with Mathematics as a subject at the intermediate (10+2) level, or (ii) item a BE/B Tech degree or any other qualification considered equivalent (such as AMIE). **(Offered at Kolkata and Delhi)**

Stipend: ₹8000/- per month.

6. **2-year Master of Science in Quality Management Science:** (i) a 3-year Bachelor's degree with Mathematics as a subject, or (ii) BE/B. Tech. degree in any discipline. **(Offered at Bengaluru and Hyderabad)**

Stipend: ₹8000/- per month.

7. **2-year Master of Science in Library and Information Science:** a 3-year Bachelor's degree in any discipline. **(Offered at Bengaluru)**

Stipend: ₹8000/- per month.

8. **2-year Master of Technology in Computer Science:** (i) a 4-year B.Tech./B.E. (or equivalent) degree in any stream or, (ii) a master's degree in any subject and have passed Mathematics at the 10+2 level. **(Offered at Kolkata)**

Stipend: ₹12400/- per month.

**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 like all other candidates (see details in Prospectus).**

9. **2-year Master of Technology in Cryptology and Security:** (i) a 4-year B.Tech./B.E. (or equivalent) degree in any stream or, (ii) a master's degree in any subject and have passed Mathematics at the 10+2 level. **(Offered at Kolkata)**

Stipend: ₹8000/- per month.<sup>1</sup>

**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 like all other candidates (see details in Prospectus).**

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<sup>1</sup> Expected to be enhanced to ₹12400/- after approval from the administrative Ministry

- 10. 2-year Master of Technology in Quality, Reliability & Operations Research:** (i) a Master's degree in Statistics with Physics and Chemistry at the (10+2) level or (ii) a Master's degree in Mathematics with Statistics as a subject at the undergraduate or post-graduate level and Physics and Chemistry at the (10+2) level or (iii) a B.E./B.Tech. degree or any other qualification considered (such as AMIE). **(Offered at Kolkata)**

Stipend: ₹12400/- per month.

- 11. 1-year Post-Graduate Diploma in Statistical Methods and Analytics:** (i) a 3-year Bachelor's degree in any discipline with Mathematics as a subject or, (ii) a B.E./B.Tech. degree or any other qualification considered equivalent (such as AMIE). **(Offered at ISI NE Centre at Tezpur and at Chennai. 50% seats are reserved for domiciled candidates of the North-East states of India at Tezpur)**

Stipend: ₹3000/- per month ONLY for students domiciled in the North East States of India.

- 12. 1-year Post-Graduate Diploma in Agricultural and Rural Management with Statistical Methods and Analytics:** a 3/4-year Bachelor's degree in any discipline with Mathematics/Statistics as a subject at the intermediate (10+2) level. **(Offered at Giridih)**

- 13. Junior Research Fellowship (JRF):**

**(a) Statistics:** (i) an M.Stat. degree from ISI, or (ii) an M.A./M.Sc. or equivalent degree in Statistics. **(Offered at Kolkata, Delhi, Bengaluru and Chennai)**

**(b) Mathematics:** (i) an M.Stat./M.Math. degree from ISI, or (ii) an M.A./M.Sc. or equivalent degree in Mathematics or, (iii) an M.E./M.Tech. degree or equivalent with Mathematics as a subject. **(Offered at Kolkata, Delhi, Bengaluru and Chennai)**

**(c) Quantitative Economics:** a Master's degree in any discipline with Economics/ Mathematics/ Statistics as a subject at the undergraduate or postgraduate level. **(Offered at Kolkata and Delhi)**

**(d) Computer Science:** (i) an 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 subject at the undergraduate or postgraduate level, or (ii) M. Stat./ 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 subject at the undergraduate or postgraduate level. **(Offered at Kolkata, Bengaluru and Chennai)**

- (e) **Quality, Reliability & Operations Research:** (i) an M.Tech./M.E./M.S./M.Phil. or equivalent degree in Quality/ Reliability/ Operations Research, or (ii) an M.Stat./M.Sc./M.A. or equivalent degree in Mathematics/ Statistics/ Physics with Mathematics as a subject at the undergraduate or postgraduate level. **(Offered at Kolkata, Delhi, Bengaluru and Chennai)**
- (f) **Physics and Applied Mathematics:** an M.Sc. degree in Physics/ Mathematics or equivalent **(Offered at Kolkata and Bengaluru).**
- (g) **Development Studies:** a Master's or M.Phil. degree in Development Studies, Economics, Agricultural Economics, or any equivalent degree. **(Offered at Bengaluru)**
- (h) **Biological Science:**
- *Human Genetics:* an M.Sc. degree in Biochemistry/ Biophysics/ Molecular Biology/ Genetics/ Zoology/ Neurosciences/ Biotechnology. **(Offered at Kolkata)**
  - *Agricultural and Ecological Research:* an M.Sc. or equivalent degree in Botany/ Biochemistry/ Microbiology/ Biotechnology/ Life Sciences. **(Offered at Kolkata)**
- (i) **Library and Information Science:** an M.S. (LIS) awarded by ISI or Associateship in Documentation and Information Science (awarded by ISI or NISCAIR/INSDOC) or its equivalent degree (such as a Master's degree in LIS from any Indian/Foreign University). **(Offered at Bengaluru)**

Fellowships for **13(a) to 13(i):** ₹31000/- per month. **(Details are available in the Prospectus).**

## **Selection Procedure**

**Selection of candidates will be based on their performance in written tests and interviews (unless otherwise mentioned in the document: Selection Policy – 2020) conducted by the Institute subject to satisfying the minimum academic qualification.**

**Note:** ISI offers PhD degrees only in the areas mentioned in 13 (a)-(e). Candidates who have been awarded a Junior Research Fellowship in the afore-mentioned areas by NBHM/CSIR/UGC/ICMR/DST/DBT based on a nationally conducted written Admission Test are also required to clear the ISI Admission Test or an equivalent test conducted by the institute if they wish to obtain a PhD degree from ISI. **No equivalent Admission Test will be conducted this year for these awardees.**

**Candidates selected for Junior Research Fellowships may be asked to join at a place other than the one opted for, if necessary.**

Due consideration is given to OBC-NCL/SC/ST/PwD candidates for all programmes. See Prospectus and Reservation Policy-2020 for ISI reservation policy)

Limited hostel facility is available.

## Application Procedure

Those interested in admission to any of the academic programmes listed earlier must apply **ONLINE** through the official website <http://www.isical.ac.in/~admission/>.

**Overseas applicants** must also apply online. However, they must take the Admission Test at one of the Test centres located in various towns and cities all over India (see Prospectus). In addition, such applicants are also requested to **share their Application ID by email** to [dean@isical.ac.in](mailto:dean@isical.ac.in) with subject **Admission 2020-21: Overseas Application** immediately after successful submission of the application, and certainly no later than **March 20, 2020**.

**Applicants should read carefully the Prospectus and the instructions given in the website before filling in the application form.**

## Application Fee

- ₹1250.00 for all Male applicants in the unreserved (General) category
- ₹750.00 for all Female applicants in the unreserved (General) category
- ₹625.00 for reserved (OBC-NCL/SC/ST/PwD) category candidates

for all academic programmes.

For further queries, prospectus, test syllabi and sample questions/ questions from previous years, etc., please visit <http://www.isical.ac.in/~admission/>

## Important Dates

<b>On-line Application Starts</b>	<b>14 February 2020</b>
<b>On-line Application Ends</b>	<b>06 March 2020</b>
<b>Payment of Application Fee Starts</b>	<b>14 February 2020</b>
<b>Payment of Application Fee Ends</b>	<b>10 March 2020</b>
<b>ISI ADMISSION TEST</b>	<b>10 MAY 2020</b>