ADMISSION PROSPECTUS 2026-27

INDIAN STATISTICAL INSTITUTE

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https://admission.isical.ac.in/

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Contents

List of Abbreviations

Agri Science	Agricultural Science
B E	Bachelor of Engineering
B Math	Bachelor of Mathematics
B Pharm	Bachelor of Pharmacy
B Sc	Bachelor of Science
B SDS	Bachelor of Statistical Data Science
B Stat	Bachelor of Statistics
B Tech	Bachelor of Technology
Comp Sc	Computer Science
CrS	Cryptology and Security
CS	Computer Science
CSIR	Council of Scientific & Industrial Research
D Sc	Doctor of Science
Eco	Economics
Elect Engg	Electrical Engineering
Electro	Electronics
Engg	Engineering
Env Science	Environmental science
GATE	Graduate Aptitude Test in Engineering
GEN-EWS	Economically Weaker Section
ISEC	International Statistical Education Centre
ISI	Indian Statistical Institute
JRF	Junior Research Fellowships
LIS	Library and Information Science
MA	Master of Arts
Math	Mathematics
MBBS	Bachelor of Medicine, Bachelor of Surgery
MCA	Master of Computer Applications
MCQ	Multiple-Choice Question
M E	Master of Engineering
M Math	Master of Mathematics
MS	Master of Science
M Sc	Master of Science
M Stat	Master of Statistics
M Tech	Master of Technology
NE Centre	North-East Centre

NISCAIR/INSDOC	National Institute of Science Communication and Information Resources/ Indian National Scientific Documentation Centre
OBC-NCL	Other Backward Classes-Non Creamy Layer
OR	Operations Research
PGD	Postgraduate Diploma
PGDARSMA	Postgraduate Diploma in Agricultural and Rural Management with Statistical Methods and Analytics
PGDAS	Postgraduate Diploma in Applied Statistics
PGDBA	Postgraduate Diploma in Business Analytics
PG Diploma	Postgraduate Diploma
PGDSCG	Postgraduate Diploma in Statistical and Computational Genomics
PGDSMA	Postgraduate Diploma in Statistical Methods and Analytics
Ph D	Doctor of Philosophy
Phys	Physics
Prob	Probability
PwBD	Persons with Benchmark Disabilities
QE	Quantitative Economics
QMBA	Quality Management and Business Analytics
QROR	Quality, Reliability & Operations Research
RCBCCS	R.C. Bose Centre for Cryptology and Security
SC	Scheduled Caste
SQC	Statistical Quality Control
SRF	Senior Research Fellowships
SSFC	Supernumerary seats for female candidates
ST	Scheduled Tribes
Stat	Statistics
UGC	University Grants Commission

List of Tables

1 Introduction

The Indian Statistical Institute, known widely as ISI, was founded in 1931 by Professor Prasanta Chandra Mahalanobis. Growing out of a small Statistical Laboratory set up by Professor Mahalanobis in the Presidency College in Kolkata, the Institute soon moved into its present campus at Baranagar on the northern outskirts of Kolkata. Ever since that humble beginning, over the past nine decades, the Institute has undergone phenomenal growth and is now widely regarded as one of the leading institutions in the world as a centre for research and training in Statistics and related sciences.

In recognition of the importance of the Institute in the development and application of Statistics, the Parliament of India, in 1959, enacted the Indian Statistical Institute Act, declaring it an Institution of National Importance and empowering it to grant degrees and diplomas in Statistics. In 1995, this Act was further amended, empowering the Institute to grant degrees and diplomas also in Mathematics, Quantitative Economics, Computer Science and other subjects related to Statistics as may be determined by the Institute from time to time.

The headquarters of the Institute is located in Kolkata. However, centres of the Institute have come up over the years in other major cities. At present, the Institute has four centres operating at Delhi, Bengaluru, Chennai and Tezpur. In addition, the Institute has a branch at Giridih devoted to agricultural and sociological research and also a network of units at Hyderabad, Mumbai and Pune, that are involved in activities related to Statistical Quality Control and Operations Research.

The research and teaching activities of the Institute take place in its headquarters in Kolkata and in the other locations. In Kolkata, Delhi, Bengaluru, Hyderabad and Tezpur, the Institute has its campus which are equipped with hostel facility for students, residential quarters for the faculty, guest houses, and also recreational and medical facilities. The campus at Giridih has a small guest house and rudimentary hostel facilities. The centre at Chennai is still operating at temporary locations. ISI scientists working in the areas of Theoretical and Applied Statistics, Mathematics, Computer Science, Economics, Statistical Quality Control and Operations Research are located mainly in the Kolkata, Delhi, Bengaluru, Tezpur, Chennai and Hyderabad campuses. In addition, scientists from other branches of natural and social sciences are posted at Kolkata and Bengaluru, Tezpur and Giridih.

A sizeable proportion of the students passing out of the Institute go on to build remarkably successful careers in research and academics. Some of the most eminent and leading researchers and academics in the fields of Statistics, Mathematics, Computer Science and Economics are alumni of the Institute. At the same time, students of the Institute who have gone into industry have also been extremely successful. Several top and well-accomplished leaders in industry are also alumni of the Institute.

For many years now, the Institute has been running a very proactive on-campus placement programme. Under the supervision of a member of the teaching faculty, this programme has been very successful in providing the aspiring students, in the final years of their respective programmes, excellent placement opportunities in some of the leading organisations in various sectors of the industry. Some of the companies

that have visited the Institute campus for recruitment in the past few years are: AIG, Amazon, American Express, ANZ, Axis Bank, AB InVeb, AXA Life Insurance, BARC India, BCS Technology, BlackRock, Barclays Shared Services, Capital One, Citibank, Credit Suisse, Crisil, CIBIL, Citi Corp., Cummins India, Deloitte, Dr. Reddy's Lab, Dunia Finance LLC, Ernst & Young, Envestnet-Yodlee, FICO, Goldman Sachs, HSBC Technology & Services, IBM, ICICI, JP Morgan, KPMG, Mahindra Comviva, Mckinsey, Media.net, Metro, Microsoft, Narayana Hrudayalaya, Novartis, Nielsen, Petrabytes Corporation, RedBus, Reliance, Samsung, Standard Chartered, TCS Analytics, TCS Innovation Lab, United Health Group, Walmart Lab, Wells Fargo, ZS, Zendrive, etc.

Over the last several years, the Institute has been very actively pursuing institution-level collaboration that has led to Memoranda of Understanding (MOUs) with numerous universities/academic institutions as well as industrial organisations. These MOUs range from collaborative research to research grants for students/faculty as well as student/faculty exchange programmes. At present, the Institute has MOUs signed with, among others, the following institutions/organisations: National Highway Authority of India, Tata Consultancy Services Ltd., EfD Secretariat at UGOT, Silicon Valley Com Foundation, Airport Authority of India, Networks Specified, Ericsson India, American Society for Quality India, IIT Madras, Szechenyi Istvan University, Hitachi India Pvt. Ltd., Bridge and Roof Company Ltd., Infosys Ltd., National Research University, Eastern Africa Statistical Training, State University of New York, London School of Economics, BRAC-University, Tata Institute of Social Sciences, City University of Hong Kong, University of Warwick, Yokohama National University.

The Central Library of the Institute, located at Kolkata (with a network extending to two major libraries at Delhi and Bengaluru Centres and other locations of the Institute), has one of the richest collections in the country, particularly in the fields of Statistics and allied disciplines, namely, Mathematics, Economics, Computer Science, Earth Science, Life Science, Physics and Applied Mathematics, Quality Control, etc. In addition to a total volume of more than three lakhs, comprising books, bound journals, official reports/data-books, dissertations and theses, reprints, non-print materials such as CDs/floppies, microfilms and microfiches, it maintains online access to journals and all the major scientific publication databases. It has also a separate NBHM collection funded by National Board for Higher Mathematics, Department of Atomic Energy, Government of India. It is making endeavours to create institutional repositories using open-source software, facilitating access to indigenous resources across regions and increasing the visibility of such resources. As a part of the Central Library, the renovated Amrapali building which was the residence of the founder of the Institute, now houses the P C Mahalanobis Memorial Museum and Archives.

The Institute also runs the International Statistical Education Centre (ISEC), established in 1950, under the auspices of the Government of India. This Centre has been providing training in Statistics to sponsored students mainly from the developing countries of the Middle-East, South and South East Asia and the Far East and from the Commonwealth countries of Africa. The Centre also offers various short-term courses in Statistics and related subjects.

2 A Brief History of the Institute

The Indian Statistical Institute had its beginning in a small statistical laboratory set up by Professor Prasanta Chandra Mahalanobis in the Presidency College at Kolkata, where he was then a professor of Physics. In a meeting held on 17th December 1931 and presided over by Sir R. N. Mookerjee, the first President of the Institute, the Indian Statistical Institute (ISI) was formally established and Prasanta Chandra Mahalanobis was appointed the Honorary Secretary. The Institute was registered on 28th April, 1932, as a non-government and non-profit learned society under the Societies' Registration Act No. XXI of 1860. The Institute is now registered under the West Bengal Societies Registration Act XXVI of 1961, amended in 1964. The major objectives of the Institute, as stated in its Memorandum of Association, are:

(i) to promote the study and dissemination of knowledge of Statistics, to develop statistical theory and methods, and their use in research and practical applications generally, with special reference to problems of planning for national development and social welfare;

(ii) to undertake research in various fields of natural and social sciences with a view to the mutual development of Statistics and these sciences;

(iii) to provide for, and undertake, the collection of information, investigations, projects, and operational research for purposes of planning and the improvement of efficiency of management and production.

With its humble start in a laboratory in the Presidency College, the Institute soon embarked upon a remarkable journey with enduring support from a number of distinguished personalities and devoted scholars in Kolkata. In the first two decades of its existence, which was a glorious chapter in the annals of Indian science and institution building, the ISI undertook a series of pioneering programmes involving application of Statistics in search of solutions to some of the urgent and live problems of the country. Such programmes included innovative projects on sample surveys of yield and land utilisation of crops, socio-economic after-effects of Bengal famine (1943-44) and problems of flood research, to name a few. Simultaneously, led by Professor Mahalanobis, path-breaking theoretical research was carried out by a very able group of young statisticians including R C Bose, S N Roy and C R Rao. These innovations and methodological research have since become classics in Statistics. All these activities brought laurels for the Institute in India as well as abroad.

Over a period of several decades since its inception, the Institute made steady strides to establish its identity as a pioneering organisation nationally as well as internationally. Some of the principal achievements of this period include the following:

(i) the establishment of a full-fledged research and training school in Statistics and Probability with applications in natural and social sciences,

(ii) the publication of *Sankhyā*, the first international journal of Statistics in India,

(iii) the inception of a National Sample Survey wing, engaging in comprehensive socio-economic data collection for the nation,

(iv) the creation of a string of Statistical Quality Control units for promoting the quality movement at various industrial centres in the country, and

(v) collaboration with the International Statistical Institute to train Government statisticians from Asia and Africa.

One of the most significant contributions of the institute in India's nation-building came when, in 1954, Pandit Jawaharlal Nehru, the then Prime Minister of India, entrusted Professor Mahalanobis and ISI with the responsibility of preparing the draft Second Five-Year Plan for the country. The institute established a planning wing dedicated to the formulation of the Second Five-Year Plan of India. The draft submitted by Prasanta Chandra Mahalanobis and the planning models formulated by him and his colleagues have since been regarded as major contributions to economic planning in India.

As another remarkable achievement, the Institute, in 1956, installed the first electronic computer in the country. In 1961, the ISI, in collaboration with Jadavpur University, undertook the design, development and fabrication of a fully transistorised digital computer, called ISI-JU-1, which was commissioned in 1966. The institute had established an Electronic Computer Laboratory that was responsible for developing

(a) the first mechanical hand computing machine,

(b) the first Analog computer,

(c) the first Punched Card storing machine, and

(d) the first Solid State Computer in India.

The Institute, from its formative period till the recent time, received as guests many eminent scientists, including Nobel Laureates. Besides Sir Ronald A Fisher, JBS Haldane and Walter A Shewhart, the luminaries included Frederic and Irene Curie, Neils Bohr, AN Kolmogorov, PMS Blackett, JD Bernal, Joan Robinson and Genechi Taguchi. In recent times, the visit of Joseph E Stiglitz, James A Mirrlees, Eric S Maskin, Ei-Ichi Negishi, Leslie G Valiant, David J Gross, Cédric Villani, Abhijit V Banerjee and SRS Varadhan (the 2007 Abel Prize winner for his contributions to probability theory and an alumnus of the institute) may especially be mentioned.

The Institute has always had its headquarters in Kolkata since its inception. Later, the Delhi Centre, initially housed within the Planning Commission premises, was started in 1974, and shifted to its present campus in 1975. The Bengaluru Centre was conceived by Professor P C Mahalanobis during 1960s. With

the Statistical Quality Control unit functioning in Bengaluru from 1956, and Documentation Research and Training Centre from 1962, Professor Mahalanobis thought of starting a centre of ISI at Bengaluru around the mid-1960s. However, the process got delayed after Professor Mahalanobis' death in 1972 and the activities of the Bengaluru Centre started in September 1978 in a rented building under the Directorship of Professor G Kallianpur. The Bengaluru Centre was formally declared as a centre of ISI in September 1996. The Chennai Centre of the Institute, which came into being on July 26, 2008, and the North-East Centre at Tezpur, Assam, which was inaugurated on July 23, 2011, are expected to carry out research in theory and applications of Statistics in the new areas of natural and social sciences. The NE Centre is also committed to cater to the statistical needs of the North-Eastern states, including training statistical personnel.

The formal empowerment of the Institute for awarding of degrees came in December 1959, when Pandit Jawaharlal Nehru piloted in the Parliament the enactment of the Indian Statistical Institute Act of 1959, which designated ISI as an **Institution of National Importance**. Its activities steadily grew, existing interests became more broad-based and a number of science units were created in the interest of live interaction between Statistics and natural and social sciences. Empowered by the Act to award degrees, the Institute introduced the Bachelor of Statistics (Honours) and Master of Statistics courses in 1960 under the guidance of Professor Mahalanobis and stalwarts like JBS Haldane and Satyendra Nath Bose who was the President of the Institute for a long period of time, with the philosophy that the academic training of a statistician should encompass the basic principles of Statistics along with its theoretical and methodological development, not merely in abstract formulation, but also in relation to concrete problems arising from natural and social sciences. The Institute also introduced research programmes leading to the Ph D degree from the Institute. After the subsequent amendment of the Indian Statistical Institute Act in 1995, broadening its scope of degree-awarding, the institute introduced other degree programmes, namely, Master of Science (Quantitative Economics) (in 1996-97), Bachelor of Mathematics (Honours) (in 2000-01), Master of Mathematics (in 2003-04), Bachelor of Statistical Data Science (in 2024-25). The Master of Mathematics programme is offered every year at Kolkata and in alternate years at Bengaluru and Delhi.

A one-year Diploma in Computer Science was started in the Institute in 1966. This was upgraded to a two-year Diploma in 1978, which evolved into the current M Tech programme in Computer Science in 1981, the first such programme in the country.

The Institute initiated the use of Statistical Quality Control & Operations Research in India in the early fifties and started developing these fields through theoretical and applied research, practical training in industry and consultancy assignments. To meet the growing needs from the industry, the institute offered a PG Diploma course in SQC & OR and also offered a relevant specialization in the M Stat programme. A two-year full-time M Tech programme in Quality, Reliability & Operations Research in Kolkata was introduced in 1989.

The Institute has also been offering a course leading to Associateship in Documentation & Information Science at the Bengaluru Centre since 1965-66. This course was upgraded in 2008-09 to a Master's level programme, called the Master of Science in Library & Information Science [MS (LIS)].

Another master's programme called Master of Science in Quality Management Science was started in 2014. This is being modified to meet the changing requirements of the industry as Master of Science in Quality Management and Business Analytics, abbreviated as MS (QMBA), from this year, that is, 2026-27.

The R.C. Bose Centre for Cryptology and Security (RCBCCS) was established in ISI in the year 2012 with the aim of promoting interdisciplinary research in Mathematics, Computer Science and Statistics towards furtherance of teaching, research as well as training and development in Cryptology and Cyber Security. Following a request from the National Security Council Secretariat, an M Tech programme in Cryptology and Security was started at this Centre in 2018.

In addition, the institute offers Postgraduate Diplomas in various subjects having Statistical applications. The Postgraduate Diploma in Statistical and Computational Genomics [PGDSCG] is being launched in 2026-27 with a goal of producing graduates well prepared for the real world biomedical challenges. This programme will provide the foundation required for pursuing research in genomics, bioinformatics and related fields.

3 Current Academic Programmes

Table 1: Academic Programmes being offered in 2026-27

	Programme	Duration	Location
Bachelors Degree	B Stat (Hons)	3 years	Kolkata
	B Math (Hons)	3 years	Bengaluru
	B SDS (Hons)	4 years	Kolkata, Delhi & Bengaluru
Masters Degree	M Stat[1]	2 years	Delhi - Kolkata
	M Math	2 years	Kolkata & Delhi
	MS (QE)	2 years	Delhi & Kolkata
	MS (LIS)	2 years	Bengaluru
	MS (QMBA)[2]	2 years	Bengaluru - Hyderabad
	M Tech (CS)	2 years	Kolkata
	M Tech (CrS)	2 years	Kolkata
	M Tech (QROR)	2 years	Kolkata
Diploma/Certificate	Post-graduate Diploma in Statistical Methods & Analytics	1 year	Chennai & Tezpur
	Postgraduate Diploma in Agriculture & Rural Management with Statistical Methods and Analytics	1 year	Giridih
	Postgraduate Diploma in Statistical and Computational Genomics	1 year	Kolkata
	Postgraduate Diploma in Applied Statistics (Online Course)	1 year	Coursera[3]
	Postgraduate Diploma in Business Analytics[4]	2 years	Kolkata
	Part-time Course in SQC[5]	6 months	Bengaluru, Chennai & Hyderabad
Research Fellowships	Junior/Senior Research Fellowship (see below for details)	upto 6+1 years	Kolkata, Delhi, Bengaluru, Tezpur, Chennai, Giridih

[1] The first year classes of those selected through the Admission Test are held in Delhi.

[2] The first year classes are held in Bengaluru and the second year classes are held in Hyderabad.

[3] Coursera at https://www.coursera.org/degrees/statistics-data-analytics-pgdip-isi

[4] This programme is offered jointly with IIT Kharagpur and IIM Calcutta. Details are available at https://www.isical.ac.in/~pgdba/.

[5] For the academic year 2026-27, this programme will be notified separately, if offered.

Research Programmes I

The Institute awards Ph D degrees for research in the fields (i) Statistics, (ii) Mathematics, (iii) Quantitative Economics, (iv) Computer Science, (v) Quality, Reliability & Operations Research (QROR).

Table 2: Locations of Research Programmes I: 2026-27

Subject	Location
Statistics	Kolkata, Delhi, Bangalore
Mathematics	Kolkata, Delhi, Bangalore
Quantitative Economics[6]	Kolkata, Delhi, Tezpur
Computer Science[7]	Kolkata, Bangalore, Chennai
Quality, Reliability & Operations Research (QROR)[8]	Bangalore

Research Programmes II

The Institute also offers Junior Research Fellowships in several areas of Natural Sciences and Social Sciences, as mentioned in the table below. However, candidates applying for Ph D in any area other than the five subjects mentioned above need to register with other Universities/Institutes for their Ph D degree.

Table 3: Locations of Research Programmes II: 2026-27

Subject	Location
Physics and Applied Mathematics	Kolkata, Tezpur
Geology	Kolkata
Biological Science (Agricultural and Ecological Research)	Giridih
Biological Science (Human Genetics)	Kolkata
Library and Information Science	Bangalore

[6] A JRF (QE) assigned to Tezpur centre may have to go to Kolkata or Delhi for completing the necessary coursework.
[7] A JRF (CS) assigned to Bangalore or Chennai Centre may have to go to Kolkata for completing the necessary coursework.
[8] A JRF (QROR) assigned to Bangalore Centre will complete the necessary coursework from ISI, Bangalore Centre.

4 Admission Channels

Some of the Academic Programmes have more than one channel of admission. The default Channel is referred to as the ISI Test Channel. Admission through ISI Test Channel is conducted through a Written Admission Test, followed by an Interview wherever applicable.

Each Channel has a designated number of seats. The seats may be of two types: Regular and Supernumerary. Seats in the ISI Test Channel are Regular, except in the B Stat and the B Math programmes, in which there are supernumerary seats for female candidates. Reservation Policy is applicable to all Regular seats and supernumerary seats for female candidates. Channels other than the ISI Test Channel are referred to as Parallel Test Channels. The programmes for which there are one or more Parallel Channel(s) of admission are listed in the table below.

Table 4: Programmes with Parallel Test Channels

Sr. No.	Programme Names	Parallel Channel Names	Type of Seats
1.	B. Math and B. Stat	INMO Channel	Supernumerary
2.	MS (QMBA)	ISI Test Channel for Sponsored Candidates	Supernumerary
3.	M. Tech (QROR)	(a) GATE Channel (b) ISI Test Channel for Sponsored Candidates (c) Channel for GoI Sponsored candidates	(a) Regular (b) Supernumerary (c) Supernumerary
4.	M. Tech (CS)	(a) GATE Channel (b) ISI Test Channel for Sponsored Candidates	(a) Regular (b) Supernumerary
5.	M. Tech (CrS)	(a) GATE Channel (b) ISI Test Channel for Sponsored Candidates (c) Channel for GoI Sponsored candidates	(a) Regular (b) Supernumerary (c) Supernumerary
6.	JRF in Mathematics, Quantitative Economics and Computer Science	Channel for ISI Master Students	Regular
7.	PG Diploma in Statistical Methods and Analytics	ISI Test Channel for domiciles of the NE States	Regular

There are no Written Admission Test(s) for the parallel channels other than the ISI Test Channels for Sponsored Candidates and the ISI Test Channel for domiciles of the North East States. For detailed information on each Channel of Admission, refer to the respective programmes in Section 7.

5 Number of Seats

Table 5: Number of seats: Non-JRF programmes (2026-27)

Sl.No.	Programme	Total		GEN	OBC-NCL	SC	ST	GEN-EWS	PwBD
1	B Stat	Gender-neutral seats	63	23	17	9	5	6	3
		SSFC[‡]	16	6	5	2	1	1	1
		INMO Channel	5	-	-	-	-	-	-
2	B Math	Gender-neutral seats	63	23	17	9	5	6	3
		SSFC[‡]	16	6	5	2	1	1	1
		INMO Channel	5	-	-	-	-	-	-
3	B SDS	Kolkata	25						
		Delhi	25						
		Bengaluru	25						
		Total	75	28	20	11	5	7	4
4	M Stat		38*	14	10	6	3	3	2
5	M Math	Kolkata	18						
		Delhi	18						
		Total	36*	13	10	5	3	3	2
6	MS QE	Delhi	35						
		Kolkata	21						
		Total	56	21	15	8	4	5	3
7	MS QMBA	ISI Test Channel	20	7	5	3	2	2	1
8	MS LIS		12	4	3	2	1	1	1
9	M Tech CS	ISI Test Channel	30	11	8	5	2	3	1
		GATE Channel[§]	15	6	4	2	1	1	1
10	M Tech CrS	ISI Test Channel	20	7	5	3	2	2	1
		GATE Channel[§]	5	3	1	1			
		GoI Sponsored[@]	1	-	-	-	-	-	-
11	M Tech QROR	ISI Test Channel	24	9	6	4	2	2	1
		GATE Channel[§]	8	3	2	1	1	1	0
		GoI Sponsored[@]	2	-	-	-	-	-	-
12	PG DSMA	Chennai	25						
		Tezpur	18						
		Total	43	16	11	7	3	4	2
		Domicile Channel[††]	18	7	5	3	1	1	1
13	PG DARSMA		18	7	5	3	1	1	1
14	PG DAS	(Online)	30**	12	8	4	2	3	1
15	PG DSCG	Kolkata	20	7	5	3	2	2	1

*Excludes the number of students getting direct admission from B Stat/ B Math

**Excludes the number of students admitted through Coursera and not getting tuition waiver.

[@] GoI sponsored candidates to be admitted from the services of Government of India (refer to page no. 26).

[§]The GATE Channel seats in a particular category, if unfilled, may be converted to ISI Test Channel seats in that category.

[††]Reserved for domiciled candidates of the North-East states of India.

[‡]Supernumerary seats for female candidates.

Table 6: Number of seats: Junior Research Fellowship (JRF) programmes (2026-27)

S.No.	Programme	Channel	Total
1	JRF in Statistics	ISI Test Channel	11
2	JRF in Mathematics	ISI Test Channel	10
		Channel for ISI Master Students*	3
3	JRF in Quantitative Economics	ISI Test Channel	8
		Channel for ISI Master Students*	1
4	JRF in Computer Science	ISI Test Channel	15
		Channel for ISI Master Students*	2
5	JRF in Quality Reliability and Operations Research	ISI Test Channel	3
6	JRF in Physics and Applied Mathematics	ISI Test Channel	6
7	JRF in Geology	ISI Test Channel	2
8	JRF in Biological Science (Agricultural and Ecological Research)	ISI Test Channel	1
9	JRF in Biological Science (Human Genetics)	ISI Test Channel	2
10	JRF in Library Science	ISI Test Channel	1

*Seats belonging to the Channel for ISI Master students, if remain unfilled, will be transferred to ISI Test Channel.

The seats of JRF in Statistics, Mathematics, Quantitative Economics and Computer Science are distributed among the General and Reserved categories as mentioned in the following table.

Table 7: Distribution of JRF seats in Statistics, Mathematics, Quantitative Economics and Computer Science by category

JRF in	**Total**	**GEN**	**OBC-NCL**	**SC**	**ST**	**GEN-EWS**	**PwBD**
Statistics	11						
Mathematics	13						
Quantitative Econimics	9						
Computer Science	17						
Total	50	17	14	7	4	5	3

On-spot admission. On-spot admissions will be conducted only once in a particular year of admission.

The number of seats allocated to each category of applicants in different programmes of the Institute is indicated in Table 5 in accordance with the Reservation Policy. The selection of candidates for the allocated seats will take place according to the Admissions Rules of the Institute for JRF, B Stat and

B Math, B SDS, M Tech (CS) and M Tech (CrS), other non-JRF applicants. If a supernumerary seat cannot be filled, it will remain vacant.

The seats in the Junior Research Fellowship programmes are distributed over different locations of the institute. A selected candidate will be placed at one of the centres depending on the Admission Rules of the institute for JRFs.

6 Procedure of Selection and Admission

Admission to the academic programmes of the Indian Statistical Institute is based strictly on the merit of the candidates as judged from their performance in the corresponding admission tests and interviews as applicable under the Selection Policy for B SDS, non-JRF (except B SDS), GATE channel in M Tech programmes and JRF. Their past academic records may also be taken into account for this purpose. The admission tests are held at a number of centres in India. The next section gives details of scope, eligibility criteria and selection procedures for the programmes offered. If at any stage of the selection process it is found that a candidate does not satisfy the eligibility criteria, his/her application will not be processed any further.

If a student is asked to discontinue from a programme after being admitted, for having failed or on any disciplinary ground, he/she is not eligible for readmission to the same programme.

For some programmes, there is a provision for employers to sponsor suitable candidates employed by them. Details of this scheme are given separately under the appropriate programmes.

The decision of the Institute in all admission-related matters is final. Canvassing in any form disqualifies a candidate from being selected. The Final Rank-ordered Merit Lists as well as results of various rounds of counselling for admission (see Selection Policy as well as Admission Rules) are announced on the website of the institute at `https://admission.isical.ac.in/`.

In case of interviews (if applicable), the Institute will provide travel support to SC/ST candidates and economically backward candidates for attending the interview provided they are shortlisted for interview. The candidates will be provided sleeper class rail or bus fare by the shortest route for attending interview. A candidate must have an SC/ST certificate or a BPL card in order to be eligible for the support.

For admission to all its programmes, the Institute follows a reservation policy consistent with the national policy on reservation for candidates from the Scheduled Caste (SC), Scheduled Tribe (ST), Other Backward Classes - non creamy layer (OBC-NCL) categories, Persons with Benchmark Disabilities (PwBD) and Economically Weaker Sections (GEN-EWS) (collectively referred to as reserved categories). Furthermore, there are Supernumerary Seats for Female Candidates (SSFC) in the B Stat and B Math programmes.

Note: Syllabi as well as sample questions for the Admission tests of the academic programmes being offered by ISI in the current year can be downloaded from the ISI admission portal https://admission.isical.ac.in/.

7 Academic Programmes: Scope, Eligibility and Selection Procedure

Eligibility conditions, as mentioned below for each of the academic programmes, reflect only minimum requirements to apply to a particular programme. Merely satisfying the eligibility conditions does not guarantee selection into the programme.

For all the programmes described below, those who have completed or are due to complete the qualifying examinations for which results are not yet published, may also apply for admission. If selected, their admission to an academic programme will be provisional pending the announcement of results. In such cases, however, their applications may be cancelled if the final examinations are not completed before **July 20, 2026**. The institute may decide to relax this date at its discretion.

7.1 Bachelor of Statistics (Honours) [B Stat (Hons)]

Scope This **three-year** degree programme offers comprehensive instruction in the theory, methods and application of Statistics, in addition to several areas of Mathematics and some basic areas of Computer Science. It also offers optional courses in some other subjects. It is so designed that, on successful completion, the students will be able to pursue higher studies in areas of Statistics and Mathematics, as well as Computer Science, Economics and allied fields, or take up careers as Statisticians in research institutions and scientific laboratories, government departments or industries. This programme is offered only at **Kolkata**.

Eligibility In order to be eligible for admission to this programme, an applicant must have successfully completed 10+2 years of Higher Secondary Education (or its equivalent) with Mathematics and English as subjects.

Selection Procedure All applicants for this programme, except the INMO AWARDEES (see next paragraph), will have to appear for two written tests comprising multiple-choice type and descriptive questions in Mathematics at the 10+2 level. Please refer to the Selection Policy for details.

INMO Channel of Admission There is a separate provision for applicants who have been selected as **INMO AWARDEES** to participate in the International Mathematics Olympiad Training Camp (IMOTC)

in the years 2025 and 2026 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 are also required to apply through the Application Portal.

The number of seats for **INMO AWARDEES** is supernumerary, subject to a maximum of 5 seats. There will be no Written Test, and the selection to these supernumerary seats will be based on interview. **Merely holding an INMO Certificate of Merit from Homi Bhaba Centre for Science Education (HBCSE) or clearing any Math Olympiad organised by any other organisation will not make a candidate eligible for these supernumerary seats**.

7.2 Bachelor of Mathematics (Honours) [B Math (Hons)]

Scope This **three-year** degree programme offers comprehensive instruction in basic Mathematics along with basic courses in Probability, Statistics, Computing and Physics. It is so designed that, on successful completion, the students will be able to pursue higher studies in the areas of Mathematics, Statistics, Computer Science, Mathematical Physics, etc., or take up a career in applications of Mathematics. This programme is offered only at **Bengaluru**.

Eligibility Same as that of the B Stat (Hons) programme.

Selection Procedure Same as that of the B Stat (Hons) programme.

INMO Channel of Admission Same as that for the B Stat (Hons) programme.

7.3 Bachelor of Statistical Data Science (Honours) [B SDS (Hons)]

Scope This four-year Bachelor (Hons.) programme on Statistical Data Science focuses on statistical methodologies, with emphasis on statistical machine learning, computational statistics and data analytics. The focus will be on applications of statistics in industry and different branches of sciences, with knowledge and understanding of statistics and probability. On successful completion, students are expected to be placed in industry, finance and banking sectors and other Govt./Non-Govt. sectors. They will be also able to pursue higher studies.

There is an exit option after three years. Students leaving the program after successful completion of the third year will receive the **Bachelor of Statistical Data Science degree**, but without the Honours designation.

Students completing the four-year B SDS (Hons.) program can opt for an extra year of course work, and those successfully completing the five-year program will receive the **Integrated Masters Degree** in

Statistical Data Science.

The program will be concurrently offered in three centres of the institute namely, **Kolkata, Delhi, Bengaluru**. **The courses will be taught in the hybrid mode** with the teacher being present in one of the centres and the other centres connected by video conferencing.

Eligibility In order to be eligible for admission, a student must have successfully completed 10+2 years of Higher Secondary Education (or its equivalent)

(a) in 2025 or 2026,

(b) with (i) Mathematics / Applied Mathematics and (ii) English as subjects of study, and

(c) with at least 75% marks in aggregate (65% for SC, ST and PwBD candidates).

Aggregate percentage calculation

- Aggregate percentage to be calculated based on scores of Mathematics, English and three best scores of remaining subjects.
- If a Board awards only letter grades without providing an equivalent percentage of marks on the grade sheet, the candidate should obtain a certificate from the Board specifying the equivalent percentage of marks.
- For boards that use semester systems or give weightage to both years, only class XII marks will be considered to calculate the aggregate percentage.

Selection Procedure The admission to the Bachelor of Statistical Data Science (B SDS) programme in 2026 will be based on the scores in one of the following:

(1) JEE Main 2026,

(2) JEE Main 2025,

(3) CUET (UG) 2026 (Mathematics as well as English), or

(4) CUET (UG) 2025 (Mathematics as well as English).

Please refer to the Selection Policy for details.

7.4 Master of Statistics [M Stat]

Scope This **two-year** programme offers advanced-level training in the theory, methods and applications of Statistics along with specialised training in selected areas of Statistics and allied fields. On successful completion of this programme, students will be able to pursue an academic/research career in Statistics, Mathematics, Economics, Computer Science and allied fields, depending on their chosen area of specialization. They will also be able to work competently as Statisticians and specialists in research institutions and scientific laboratories, government departments or industries. This programme is offered at **Delhi** and **Kolkata**. Students selected after clearing the Admission Test do the first year of the programme in **Delhi** and the second year in **Kolkata**. Those who get direct admission from B Stat complete both years of the programme in **Kolkata**.

Eligibility In order to be eligible for admission to this programme, an applicant must have a Bachelor's degree of three or more years' duration, in any discipline.

Selection Procedure Students with B Stat (Hons) degree from ISI are offered direct admission to this programme without any selection test or interview. All other eligible candidates, including students with a B Stat (Pass) degree from ISI, have to appear in a written admission test (please refer to the Selection Policy for details of the selection process).

The written admission test is designed to assess competence in the theory and methods of Statistics and comprehension in Mathematics, and has two parts:

- multiple-choice questions in Statistics and Mathematics at the undergraduate level in the first part, and
- short-answer questions in Statistics and Mathematics at the undergraduate level in the second part.

7.5 Master of Mathematics [M Math]

Scope This **two-year** programme offers advanced-level training in Mathematics. On successful completion of the programme, the students will be able to pursue a research/ academic career in Mathematics. The students may also be able to work in the fields of Statistics, Quantitative Economics and Computer Science. For the batch admitted in 2026, this programme is offered at **Kolkata and Delhi**.

Eligibility In order to be eligible for admission to this programme, an applicant must have a Bachelor's degree of three or more years' duration, in any discipline.

Selection Procedure Students with B Math (Hons) degree from ISI are offered direct admission to this programme without any selection test or interview. For all other eligible candidates, including students with B Math (Pass) degree from ISI, please refer to the Selection Policy for details of the selection process.

The admission tests will comprise multiple-choice questions in Mathematics in the first part and short-answer type questions in Mathematics in the second part. The questions will be on Mathematics at a level corresponding roughly to the Mathematics Honours/Major of Indian universities.

7.6 Master of Science in Quantitative Economics [MS (QE)]

Scope This is a **two-year** advanced programme in Economics and its applications, with special emphasis on quantitative methods. On successful completion of the programme, a student will be able to pursue an academic career in Economics or take up responsible positions in various private and public sector organisations. It is offered simultaneously at **Kolkata** and **Delhi**.

Eligibility In order to be eligible for admission to this programme, an applicant must have a Bachelor's degree of three or more years' duration, in any discipline.

Selection Procedure Please refer to the Selection Policy for details of the selection process. The written admission tests will comprise multiple-choice and short answer type questions in both Economics and Mathematics at the undergraduate level.

7.7 Master of Science in Quality Management and Business Analytics [MS (QMBA)]

Scope This is a modification of the Master of Science in Quality Management Science programme started in 2014. This two-year programme puts special emphasis on Quantitative Methods and Business Analytics. It also includes Dissertation and live Project work under the direct guidance of the faculty. The programme offers a flexible format for those who want to meet specific educational and career objectives. On completion of this programme, students will enhance their career options by gaining the contemporary knowledge and perspective required for Quality Analysts, Quality Managers, Business Analysts, Data Scientists and other professionals required for one or more aspects of quality improvement and operations management.

The first two semesters will be offered at Bengaluru whereas the third semester will be at Hyderabad. The fourth semester will be at a centre of the institute depending on the location of the project assigned to the student.

Eligibility In order to be eligible for admission to this programme, an applicant must have a Bachelor's degree of three or more years' duration in any discipline with mathematics as a subject.

Selection Procedure The written admission tests will comprise multiple-choice and/or descriptive questions in Mathematics at the undergraduate level. Please refer to the Selection Policy for details.

Channel for Sponsored Candidates There is a provision for sponsored candidates (by government, semi-government and public sector undertakings) for this programme. General eligibility criteria and qualifying degree for sponsored candidates are the same as those for the regular (non-sponsored) candidates. However, the following **clauses** are applicable in the case of sponsored candidates:

1. A sponsored candidate must be from government/ semi-government/ government-aided, both national and international. Self-sponsored candidates are not eligible to apply.
2. Sponsored candidates will have to pay a tuition fee of Rs. 50,000 per semester. They are not eligible for any scholarship/financial support from the Institute.
3. A sponsored candidate must have been in service of the sponsoring organization for at least two years as on the date of admission to the programme. This two years of service experience must have been gained by the candidate after acquiring the requisite qualifying degree of the programme into which the candidate is seeking admission.
4. The sponsoring organization must specifically undertake to pay the necessary tuition fees to the Institute and to relieve the candidate to pursue the programme for its full duration.
5. A certificate from the sponsoring organization, to the effects of points 3 and 4 above, must be provided by the candidate at the time of applying for admission to the corresponding programme.

Selection procedure for sponsored candidates: For sponsored candidates, the procedure is the same as that for regular candidates. However, the qualifying scores for these candidates at each stage of selection (see Selection Policy) will be determined by relaxing the qualifying score for the General (unreserved) category by 10%.

The number of seats to be allocated to sponsored candidates in a given programme is supernumerary, subject to a maximum of 10% of the total number of seats for the programme.

7.8 Master of Science in Library and Information Science [MS (LIS)]

Scope This is a **two-year** advanced programme in Library and Information Science, with special emphasis on applications of information technology. On successful completion of this programme, a student

will be able to pursue an academic career or take up responsible positions in various private and public sector organisations in the Library and Information fields. The objectives of this programme are to develop manpower capable of

- effectively and efficiently working as information professionals at higher levels in libraries and information centres;
- design and development of information systems;
- contributing to the discipline of Library and Information Science in terms of research and teaching.

This programme is offered only at **Bengaluru**.

Eligibility In order to be eligible for admission to this programme, an applicant must have a Bachelor's degree of three or more years' duration, in any discipline.

Selection Procedure Please refer to the Selection Policy for details of the selection process.

7.9 Master of Technology in Computer Science [M Tech (CS)]

Scope This **two-year** programme is designed to provide a balance of theoretical and professional training in Computer Science and Technology so that the students, on successful completion of the programme, may take up

- a professional career in the technology of software for computer systems or specialised application areas, or
- an academic career for further study and research in the fundamental and applied aspects of Computer Science and Technology and related disciplines.

This programme is offered only at **Kolkata.**

Eligibility In order to be eligible for admission to this programme, an applicant must have

- a four-year B E / B Tech (or equivalent) degree in any stream or,
- a master's degree in any subject and have passed Mathematics at the 10+2 level.

Selection Procedure The written tests consist of a multiple choice type test in Mathematics and Computer Science at the B Sc level, and a subjective test consisting of two parts, the candidate having to answer any one part:

CS Group: Computer Science at B E / B Tech level

Non-CS Group: Mathematics at the B Sc level and Engineering at B E / B Tech level

Please refer to the Selection Policy for details of the selection process.

GATE Channel of Admission In order to be eligible for admission through GATE Channel, the valid GATE score (out of 1000) of the candidate must be at least the eligibility score (see Selection Policy of GATE Channel for details). Final selection of such candidates would be based on their GATE scores and their performance in the interview. These candidates are required to apply, like all other candidates, in the prescribed application form.

Channel for Sponsored Candidates There is a provision for sponsored candidates (by government, semi-government and public sector undertakings) for this programme. General eligibility criteria and qualifying degree for sponsored candidates are the same as those for the regular (non-sponsored) candidates. Other terms and conditions are identical to those for sponsored candidates for the MSQMBA programme (refer to clauses (1) - (5) under Section 7.7 in page no. 22).

7.10 Master of Technology in Cryptology and Security [M Tech (CrS)]

Scope This is a **two year** programme offered at **Kolkata**. The programme is designed to impart in-depth theoretical and practical knowledge in the area of cryptology and information security. It is designed to provide the basic background in mathematics, statistics and computer science followed by specialized instructions on various theoretical and practical aspects of the field. The students on successful completion of the programme, may take up

- a professional career in a industry/government organization which specializes in information security.
- an academic career to further study and research in theoretical and practical aspects of cryptology, information security and related disciplines.

Eligibility Same as that of the M Tech programme in Computer Science.

Selection Procedure Same as that of the M Tech programme in Computer Science.

GATE Channel of Admission Same as that of the M Tech programme in Computer Science.

Channel for Sponsored candidates Same as that of the M Tech programme in Computer Science.

Sponsored candidates from the Services of the Government of India Selection is made through the standard mechanism of the sponsoring organizations, with ISI experts participating at the interview stage.

7.11 Master of Technology in Quality, Reliability & Operations Research [M Tech (QROR)]

Scope This is a full-time **two-year** programme and is offered only at **Kolkata**. It is intended to produce specialists in Statistical Quality Control, Reliability, Operations Research, and Quality Management Systems. Enough background on computing technologies is provided to enable the students to use technology effectively.

The programme is designed to offer adequate instruction in the theory and practice of the above disciplines. The objective is to equip students with the basic practical skills and sufficient theory to understand the principles involved in the application and to inculcate in them the power of systematic thinking and reasoning, practical approach and exposition. Every student, besides undergoing classroom instruction, shall do practical work by way of case studies, dissertation or project work on live problems under the guidance of the expert faculty members of ISI. On successful completion of this programme, the students may take up either

- a professional career in the field of quality engineering and management in departments of government, semi-government, public/ private sector undertakings, industrial organizations, financial sector, consultancy agencies, or
- an academic career for further study and research in theoretical and applied aspects of Quality, Reliability and Operations research in organizations of higher learning and research institutions.

Eligibility In order to be eligible for admission to this programme, an applicant must have

(i) a Master's Degree in Statistics with Physics and Chemistry at the (10+2) level; or

(ii) a Master's Degree in Operations Research / Mathematics & Computing, with adequate knowledge of Statistics & Probability at post-graduate level, and Physics and Chemistry at the (10+2) level; or

(iii) a B E / B Tech degree.

The programme is offered in two streams:

- **Statistics Stream** for candidates with qualifications (i) or (ii) mentioned above;
- **Engineering Stream** for candidates with an undergraduate degree in Engineering or Technology as in (iii) above.

Selection Procedure Please refer to the Selection Policy for details of the selection process for all candidates, including sponsored ones.

The Admission Test is conducted in two sessions (forenoon and afternoon):

Session 1: a multiple-choice type of test in Mathematics at the undergraduate level;

Session 2: a descriptive test for the two streams as follows:

Part I: Candidates for both streams shall answer this part containing questions on mathematics.

Part II: It has two sections – one containing questions on statistics-probability is for **Statistics Stream**, and the other has engineering questions for **Engineering Stream**.

GATE Channel of Admission In order to be eligible for admission through GATE Channel, the valid GATE score (out of 1000) of the candidate in the relevant Test Paper (Statistics Test Paper for **Statistics Stream** and any Engineering/Technology Test Paper for **Engineering Stream**) must be at least the eligibility score (see Selection Policy of GATE Channel for details). Final selection of such candidates would be based on their GATE scores and their performance in the interview. These candidates are required to apply, like all other candidates, in the prescribed application form.

Channel for Sponsored candidates Same as that of the M Tech programme in Computer Science.

Sponsored candidates from the Services of the Government of India Selection is made through the standard mechanism of the sponsoring organizations, with ISI experts participating at the interview stage.

7.12 Postgraduate Diploma in Statistical Methods and Analytics [PGDSMA]

Scope The programme is intended to provide students with a comprehensive training in basic theory and applications of Statistical Methods and Analytics, in addition to some exposure to Mathematics and Computer Science. It is so designed that on successful completion, the students will be able to take up

jobs as statisticians in such departments of government and industries where application of Statistics and Analytics is required.

The total duration of this programme is **one year**. This year it is offered at **Chennai** and the **ISI North-East Centre, Tezpur**.

This programme is open to candidates from all over India. However, **Fifty percent (50%) of the total number of seats at ISI North East (Tezpur) centre is reserved for the students domiciled in the North-Eastern states** of India.

Eligibility In order to be eligible for this programme one must have one of the following:

- a three-year Bachelor's Degree in any discipline with Mathematics as a subject;
- a B E / B Tech degree or any other qualification considered equivalent (such as AMIE).

In order to be considered for admission to this programme at the ISI North-East Centre (Tezpur) as a domiciled candidate, it is mandatory to have a valid certificate of domicile / certificate of permanent residence in one of the North-Eastern states, namely **Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura** from a competent authority (generally from the Office of the Deputy Commissioner) which is valid for the purpose of Admission to Educational Institutes.

Selection Procedure Please refer to the Selection Policy for details of the selection process.

The admission test will comprise multiple-choice questions on Basic Mathematics.

7.13 Postgraduate Diploma in Agricultural and Rural Management with Statistical Methods and Analytics [PGDARSMA]

Scope The programme is intended to provide students with comprehensive training in agricultural farm management, statistical methods and applications using R, computer operation and programming, agricultural production and operations management, agribusiness and rural management. This unique programme is so designed that on successful completion, the students will be able to take up jobs in rural development organizations under Central and State governments, national and multinational companies involved in agro-processing and agricultural business operation or supply chain management, international and national level NGOs, development projects funded by government and non-government organizations, agricultural and livelihood related projects, and rural banking sector amongst others.

The total duration of this programme is **one year**, and it is offered at the **ISI Giridih** Branch. There is no stipend or tuition fee for the programme.

Eligibility In order to be eligible for admission to this programme, an applicant must have

- a three/four-year Bachelor's Degree in any discipline with Mathematics/Statistics as a subject studied at least at the (10+2) level.

Selection Procedure Please refer to the Selection Policy for details of the selection process.

The admission test will comprise multiple-choice questions on Mathematics (up to 12th standard), Logical Reasoning, as well as English Grammar and Comprehension.

7.14 Postgraduate Diploma in Business Analytics [PGDBA]

Scope The Post Graduate Diploma in Business Analytics (PGDBA) – jointly offered by ISI, IIT Kharagpur and IIM Calcutta – aims to help shape the emerging profession of business analytics by delivering a cutting edge interdisciplinary educational experience to graduate applicants with an aspiration of building a career in this field. PGDBA is a two year full time diploma programme, specially designed to create business analytics professionals employable by leading Indian and foreign firms. Students successfully graduating from this programme will have options to join organizations working in the area of analytics, or pursue doctoral or other advanced studies in this area.

See https://www.isical.ac.in/~pgdba/ for further details.

7.15 Postgraduate Diploma in Applied Statistics [PGDAS] (provided online through Coursera)

Scope This online course is meant for individuals who are, or plan to be, involved in the processes of generation, interpretation and management of official data, but are possibly without a formal background in statistics. It aims to impart relevant statistical and computational skills along with basic domain knowledge. The digital mode of the course makes it accessible to working professionals. On successful completion of the course, a student is expected to be better equipped for playing a meaningful role in evidence based policy making and policy research.

This will be a paid course, with provision of tuition waiver. The total duration of this programme is **one year**.

Eligibility In order to be eligible for this programme one must have a graduate degree in any subject and mathematics at the (10+2 or equivalent) level.

Selection Procedure Students of this course will be selected, on the basis of their mathematical skills, through (a) an online test administered through Coursera, or (b) a written test conducted by ISI.

Two batches of students will be selected every year through channel (a), and only one batch through channel (b). Some candidates shortlisted from channel (b) will be offered tuition waiver on the basis of subsequent interview. Please refer to the Selection Policy for details of the selection process of ISI.

7.16 Postgraduate Diploma in Statistical and Computational Genomics [PGDSCG]

Scope The Postgraduate Diploma in Statistical and Computational Genomics (PGDSCG) is a one-year intensive programme designed to equip students with strong statistical, computational, and analytical skills essential for modern genomics-driven biomedical research.

This programme emphasizes the application of statistical and computational methods in genomics across diverse domains, including biomedical research, healthcare, pharmaceuticals, and biotechnology industries. Students will gain a solid theoretical foundation combined with hands-on training in data analysis, bioinformatics tools, and computational approaches relevant to real-world biomedical challenges.

Graduates of the PGDSCG programme will be well-prepared for careers in industry, academia, healthcare organizations, and government or non-government research sectors. The programme also provides a strong academic foundation for those aspiring to pursue higher studies and advanced research in genomics, bioinformatics, and related interdisciplinary fields.

The total duration of this programme is **one year**, and is offered at **Kolkata**.

Eligibility In order to be eligible for this programme one must have one of the following:

- an M Sc / MS or equivalent degree in any branch of science;
- a B Tech / B E degree in any branch of Engineering /Technology;
- an MBBS / B Pharm degree.

Selection Procedure Please refer to the Selection Policy for details of the selection process.

The admission test will comprise multiple choice questions on Analytical reasoning, Statistics and Basic Science in the first part and descriptive questions on Statistics, Life Sciences, Computer Science, Applied Mathematics and Physics in the second part.

7.17 Junior Research Fellowships (JRF)

The institute offers Junior Research Fellowships in several disciplines, out of which it grants Ph D degree only in Statistics, Mathematics, Quantitative Economics, Computer Science, and Quality, Reliability & Operations Research (QROR). Candidates applying for Ph D in any area other than the above-mentioned five subjects need to register with other Universities/Institutes for their Ph D degree.

7.17.1 JRF in Statistics, Mathematics, Quantitative Economics, Computer Science, and Quality, Reliability & Operations Research (QROR)

Scope The Institute offers Junior Research Fellowships in Statistics, Mathematics, Quantitative Economics, Computer Science, and Quality, Reliability and Operations Research (QROR). A candidate admitted as a Junior Research Fellow, and applying for registration for Ph D in the relevant discipline, will generally be required to successfully complete mandatory course-work involving at least five courses from the list of courses for that discipline. He/she is expected to engage in original research work in one of the above areas under the guidance of a supervisor appointed by the Institute, culminating in a doctoral thesis to be submitted for the Ph D degree of the Institute. Candidates making satisfactory progress towards the above goal are eligible to register for the Ph D degree of ISI (see Section 8.1, in page no. 39). At the end of the second year, the Junior Research Fellows are assessed for the award of Senior Research Fellowships. The total duration of Junior and Senior Research Fellowships shall not exceed 6+1 years.

Location The names of the respective centres where research fellowships in a particular subject are being offered this year are given below.

- **Statistics** Kolkata, Delhi, Bangalore .
- **Mathematics** Kolkata, Delhi, Bangalore .
- **Quantitative Economics** Kolkata, Delhi, Tezpur. [A JRF (QE) assigned to Tezpur centre may have to go to Kolkata or Delhi for completing the necessary coursework.]
- **Computer Science** Kolkata, Bangalore, Chennai. [A JRF (CS) assigned to Bangalore or Chennai centre may have to go to Kolkata for completing the necessary coursework.]
- **Quality, Reliability & Operations Research (QROR)** Bangalore. [A JRF (QROR) assigned to Bangalore Centre will complete the necessary coursework from ISI, Bangalore Centre.]

Eligibility and Selection

Statistics In order to be eligible for admission to this programme, an applicant must have

- an M Stat/ M Math degree from ISI, or
- an MA / M Sc or equivalent degree in Statistics.

Applicants will have to appear for two written tests. Selection is based on the Written Admission Test and Interview.

Mathematics In order to be eligible for admission to this programme, an applicant must have

- an M Math / M Stat degree from ISI, or
- an MA / M Sc or equivalent degree in Mathematics, or
- an M E / M Tech degree or equivalent with Mathematics as a subject.

Applicants will have to appear for two written tests. Selection is based on the Written Admission Test and Interview.

Admission Channel for ISI Master Degree students In order to apply through this channel, the candidate must be a current or former student of ISI in the corresponding Master Degree programme, namely M. Math degree programme, subject to satisfying the following conditions:

1. A student who is (i) currently enrolled in the corresponding Master degree programme at ISI, (ii) has successfully completed the first year with an aggregate score of at least 75%, a score of at least 45% in each of the courses completed and (iii) has not appeared for any back / repeat paper examinations, or a student who has (i) successfully completed the corresponding degree programme at ISI within the two previous years, (ii) has obtained an aggregate score of at least 75%, a score of at least 45% in each of the courses completed and (iii) has not appeared in any back/repeat paper examinations, may apply for admission to the corresponding JRF programme of ISI. However, a student can apply for admission through this Channel only once.
2. The student has qualified within the previous two years in one of the following national written examinations: CSIR-UGC NET (JRF) in Mathematical Sciences, NBHM (JRF).

Selection is based on Interview.

Quantitative Economics In order to be eligible for admission to this programme, an applicant must have

- a Master's degree in any discipline with Economics/ Mathematics/ Statistics as a subject at the undergraduate or postgraduate level.

Applicants will have to appear for two written tests. Selection is based on the Written Admission Test and Interview.

Admission Channel for ISI Master Degree students In order to apply through this channel, the candidate must be a current or former student of ISI in the corresponding Master Degree programme, namely MS QE degree programme, subject to satisfying the following conditions:

1. Same as that for JRF in Mathematics programme.
2. The student has qualified within the previous two years in one of the following national written examinations: CSIR-UGC NET (JRF) in Mathematical Sciences, NBHM (JRF) or UGC-NET in Economics.

Selection is based on Interview.

Computer Science In order to be eligible for admission to this programme, an applicant must have

- an M E / M Tech or equivalent Master's 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
- an M Stat/ M Sc/ MCA/ MA or equivalent Master's 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.

Applicants will have to appear for two written tests. Selection is based on the Written Admission Test and Interview.

Admission Channel for ISI Master Degree students In order to apply through this channel, the candidate must be a current or former student of ISI in the corresponding Master Degree programme, namely

M Tech (CS) degree programme, subject to satisfying the following conditions:

1. Same as that for JRF in Mathematics programme.
2. The student has qualified within the previous two years in the CSIR-UGC NET (JRF) in Mathematical or Physical Sciences, or has a valid GATE (CS/DA/EC/EE/MA/PH/ST/BT) score or a valid JEST (PH/TCS) rank and the rank/score in any of these qualifying examinations is at least as good as the cutoff pre-declared by the JRF Selection Committee.

Selection is based on Interview.

Quality, Reliability & Operations Research (QROR) In order to be eligible for admission to this programme, an applicant must have

- an M Tech / M E / MS or equivalent degree in Quality/ Reliability/ Operations Research/ Industrial Engineering/ Production Engineering/ Mechanical Engineering, or
- a Master's degree in Statistics / Mathematics / Operations Research / Data Science with Mathematics as a subject at the postgraduate level.

Applicants will have to appear for two written tests. Selection is based on the Written Admission Test and Interview. Please refer to the Selection Policy for details of the selection process.

Note: ISI offers Ph D degrees only in the five areas mentioned in Table 2. Candidates who have been awarded a Junior Research Fellowship in the five aforementioned areas by NBHM/ CSIR/ UGC/ ICMR/ DBT/Inspire based on a nationally conducted written test, may be selected for admission to the Ph D programme of ISI based on a separate written test followed by an interview conducted by the relevant JRF selection committee of the institute. Details will be announced on the Admission website https://admission.isical.ac.in/.

Procedure for admission to the Ph D programme of ISI for applicants with externally-funded research fellowships, where the thesis is expected to be submitted to other institutions: Awardees of NBHM/ CSIR/ UGC/ ICMR/ DBT/ Inspire Junior Research Fellowships seeking admission to such Ph D programmes may send applications with relevant documents to the respective Unit Head throughout the year. The prospective candidate should check the website of the concerned Unit for the selection process and deadline of application for each round of selection and any other relevant information.

Current Research Interests at Different Centres

KOLKATA

Statistics: Asymptotic Theory in Statistics, Decision Theory, Parametric, Non-parametric and Semi-parametric Inference, Bayesian Analysis, Model Selection, Resampling Plans, Sequential Analysis, Sequential Plan, Multivariate Analysis, Parametric/ Non-parametric Regression Analysis, Robustness, Minimum Distance Methods, Discrete and Categorical Data Analysis, Linear Models, Parametric /Non-parametric Discriminant Analysis, Biostatistics, Environmental Data Analysis, Survival Analysis, Reliability Theory, Functional Data Analysis, Exploratory Data Analysis, Big Data Analysis, Network Data Analysis, Constructional and Combinatorial Aspects of Designs, Optimal Designs, Sampling Theory and Surveys, Small Area Estimation, Inference in High Dimensional Models. Applications of Statistics in Geology, Agriculture, Social Sciences and Industrial (Quality) Engineering; GIS Applications, Statistical Computing, Bayesian Computation, Cryptology, Statistical Learning, Statistical Pattern Recognition, Image Analysis, Biostatistics, Clinical Trial.

Mathematics: Algebraic Topology, Differential Topology, Dynamical systems, Algebraic Geometry, Commutative Algebra and Affine Algebraic Geometry, Functional Analysis, Geometry of Banach Spaces, Spectral Theory of Differential Operators, Non-commutative Geometry, Geometric Analysis, Harmonic Analysis, Wavelet Analysis, Number theory. Stochastic Processes, Probability Inequality, Large Deviations, Stochastic Calculus, Financial Mathematics, Markov Chains, Diffusion, Limit Theorems, Stochastic Approximations, Random Matrices, Extreme Value Theory, Heavy Tails and Long Range Dependence.

Quantitative Economics: Microeconomics, Macroeconomics, International Trade, Development Economics, Welfare Economics, Game Theory, Voting Theory, Contract Theory, Industrial Organisation, Financial Economics, Finance, Convergence, Social Choice, Political Economy, Public Economics, Economic Growth, Indian Economic Problems, Agricultural Economics, Environmental Economics, Time Series Econometrics, Financial Econometrics, Empirical/Applied Econometrics, Poverty and Inequality, Polarisation, Experimental Economics, Economics of Conflict, Public Choice, Social Economics, Analytical Marxism, Theories of Distributive Justice, Credit Programs, Work-Life Balance, SHG and Aspiration, Socio-Economic Indicators.

Computer Science: Computer Networks – ad hoc, Wireless Sensor, Wireless Mesh, UMTS Network Design; Parallel and Distributed Computing, Mobile Computing, Cluster Computing, Parallel/Distributed Architectures and Algorithms; Nanotechnology and Giga-scale Integration, Electronic Design Automation Algorithms and Testing, Biochips and Nano-biosystems, Intellectual Property Protection of SoCs, Quantum Computing, Fault Tolerance; Computational Geometry, Graph Theory, Combinatorial Optimisation, Algorithms and Computational Complexity; Computational Molecular and Systems Biology, Bioinformatics; Pattern Recognition, Machine Learning, Artificial Intelligence, Web Intelligence and Web Mining, Social Network Analysis, Text Mining, Data Mining, Information Retrieval, Natural Language

Processing, Computational Linguistics; Computer Vision, Cognitive Vision, Digital Document Processing, Image and Video Processing, Content-based Image Retrieval, Computer Graphics, Biomedical Image Processing, Video Surveillance; Speech and Signal Processing; Artificial Neural Nets, Case Based Reasoning, Evolutionary Computing, Fuzzy Sets and Systems, Fuzzy Control, Granular Computing, Soft Computing, Computing with Words, Rough Sets, Swarm Intelligence, DNA-Computing; Mathematical Morphology, Fractals, Wavelets; Artificial Immune System, Neurodynamics; Digital Watermarking; Atmospheric Science, Remote Sensing; Theory and Applications of Cellular Automata; Cryptology, Coding Theory, Information Theory, Perception Engineering, Computational Neuroscience, Computational Psychology. Cryptology and Security: Digital Watermarking, Sensor Networks, Lattice Based Cryptography, Symmetric Key Cryptography.

DELHI

Statistics: Computational biology, High-dimensional data, Penalised regression, Resampling methods, Reliability, Non-linear regression, Non-parametric inference, Statistical computing, Statistical graphics, Statistical signal processing, Surrogate data, Network data, Markov Processes and Martingale problems, Stochastic Filtering Theory, Stochastic Control.

Mathematics: Operator algebras, quantum groups, noncommutative geometry, operator theory and matrix theory, quantum information theory, mathematical biology, partial differential equations, nonlinear and geometric analysis, Diophantine equations, binary recurrence sequences, irreducibility of polynomials and Galois groups, arithmetic dynamics, prime numbers and the number-theoretic aspects of cryptography, probability, stochastic processes and applications, random graphs, probability on trees, recursive distributional equations, particle systems and percolation theory, random walks in random environments.

Quantitative Economics: Game Theory and Applications, Mechanism Design, Auction Theory, Social Choice Theory, Decision Theory, Voting Theory, Information Economics, Bargaining Theory, Industrial Organisation, International Trade and Finance, Environmental and Natural Resource Economics, Public Economics, Political Economy, Experimental Economics, Empirical and Theoretical Development Economics, Development Microeconomics, Development Macroeconomics, Microfinance, Inequality and Development, Applied Econometrics, Labour Economics, Economics of Education, Health Economics, Agricultural Economics, Gender, Social Identity, Macroeconomic Theory, Growth Theory and Empirics, Public Finance, Monetary Economics, Indian Macroeconomy, Financial Development.

BENGALURU

Statistics: Financial Statistics, Functional Data Analysis, Time Series Analysis, Bayesian Inference.

Mathematics: Algebraic Geometry, Arithmetic Geometry, Algebraic Groups and related structures, Commutative Algebra, Theory of Operads and higher structures, Number Theory, Diophantine approximation, Automorphic Representations Homogeneous Dynamics, Topology, Differential Geometry, Complex

Analysis, Probability Theory, Stochastic Processes, Diffusion Processes, Martingale Problems, Interacting Particle Systems, Probability Measures on Groups, Ergodic Theory, Dynamical Systems, Functional Analysis, Operator Theory, Operator Algebras, Quantum Probability, Hilbert Modules, Quantum Information Theory.

Computer Science: Mathematical Morphology, Digital Geometry, Earth Systems Science, Spatial Informatics, Theoretical GISci and Geocomputation, Satellite Remote Sensing Data Analysis, Digital Image Processing, Digital Geographics, Modelling the behavior Complex Terrestrial Systems via Chaos and Bifurcation Theories, Fractals and Multifractals. Neuroinformatics: Interface between brain science and computer science from signal processing, information theory and coding theory point of view with realistic applications in experimental and clinical sciences. Equal emphasis is on quantitative science and medical science. Information Granulation, Granular Computing, Pattern Recognition, Machine Learning, Image and Video Processing, Soft Intelligence Computing, Computational Intelligence.

Quality, Reliability & Operations Research (QROR): SQC, Reliability, Supply Chain Optimization, Optimization Techniques.

CHENNAI

Computer Science: Logic, games and complexity, Knowledge representation, Categories and duality; Graph theory and Graph Algorithms; Cryptology and Computer Algebra.

TEZPUR

Quantitative Economics: Applied Econometrics, Time Series Modelling, Applied Macroeconomics, Social Choice Theory, Auction Theory.

7.17.2 Research Fellowships (JRF) in Other Subjects

Scope The Institute also offers Junior Research Fellowships in several areas of the Natural Sciences and the Social Sciences. However, candidates working for Ph D in any area other than the five mentioned in Section 7.17 need to register with other Universities/Institutes for their Ph D degree. A student is initially admitted as a Junior Research Fellow. After two years of satisfactory progress including successful completion of mandatory course work, Junior Research Fellows are assessed for the award of Senior Research Fellowships. The combined duration of the Junior and Senior Research Fellowships is 6+1 years. The areas in which the Institute wants to recruit JRFs this year and the respective eligibility conditions for applying for admission are as follows:

(a) Physics and Applied Mathematics

Areas: Physics and Applied Mathematics
Eligibility:

- A Master's or equivalent degree in Physics / Mathematics / Applied mathematics / Statistics
- or an M E / M Tech or equivalent degree with Mathematics and Physics as subjects.

Currently offered in: Kolkata, Tezpur.

Research Interests:

Kolkata: Cosmology & Astroparticle Physics – CMB, Dark Energy, Dark Matter & Neutrino Cosmology, 21-cm Cosmology, Gravitational Wave Cosmology, Tensions in Cosmological Datasets; Quantum Foundations & Quantum Information – Quantum Resource Theory, Quantum Cryptography, Quantum Entanglement, Quantum Nonlocality, Quantum Networks; Theoretical Condensed Matter Physics – Theoretical Nanoscience, Themoelectricity, Driven Quantum Systems, Many-body Physics, Spintronics, Strongly Correlated Systems, Topological Condensed Matter; Nonlinear Dynamics – Chaos, Bifurcation, Synchronization, Complex Networks, Chimera States, Extreme Events, Swarmalators, Evolutionary Game Theory, Active-matter Physics; Experimental Fluvial Mechanics – Turbulence in Open Channel, Fluvial Hydraulics, Turbulent Bursting, Double-averaging Methodology, Turbulent Flow Measurement, Seepage Flow; Classical & Quantum Gravity – Properties of compact objects, modified gravity, black holes, String Cosmology, (Loop) Quantum Gravity, Fundamental Theory, QFT in curved space; Complex Systems, Regime Shifts & Predictive Modelling – Population & ecosystem dynamics, Dynamical systems, Bifurcations, Regime shifts, Early warning signals, Change-point detection, Hybrid mechanistic and ML time-series modelling, Causal inference, Forecasting.

Tezpur: Radar Polarimetric Electromagnetics – Scattering Theory, Polarimetric Decomposition Techniques, Target Characterization and Classification, Bistatic and Multistatic Polarimetry, Modeling for SAR Polarimetry, Signal/Image Simulation.

(b) Geology

Area: Geology
Eligibility: An M Sc degree in Geology or in an equivalent subject with minimum 55% marks in aggregate.

Currently offered in: Kolkata.

(c) Biological Science

1. **Areas:** Agricultural and Ecological Research
   Eligibility: an M Sc or equivalent degree in Microbiology / Agricultural Biotechnology / Biotech-

nology / Botany / Environmental Science / Agricultural Chemistry and Soil Science / Life Sciences from a recognised University with good academic record.

Currently offered in: Giridih

Research Interests:

Plant-pest interaction, ecology and management of invasive weeds; soil and water pollution and remediation strategies, waste management, and studying soil health and microorganisms.

2. **Area:** Human Genetics
Eligibility: an M Sc or equivalent degree in Biochemistry / Biotechnology / Genetics / Molecular Biology / Life Sciences / Zoology

Currently offered in: Kolkata

(d) Library and Information Science

Areas: Library and Information Science
Eligibility: an MS (LIS) awarded by ISI or Associateship in Documentation and Information Science (awarded by ISI or NISCAIR/INSDOC) or its equivalent degree (such as Master's degree in Library and Information Science from any Indian/Foreign University)

Currently offered in: Bengaluru

Selection Procedure All applicants will have to appear for written tests. Selection is based on the Written Admission Test and Interview.
Please refer to the Selection Policy for details of the selection process.

Past academic records may also be taken into consideration[9].

Procedure for admission to the Ph D programme of ISI for applicants with externally-funded research fellowships, where the thesis is expected to be submitted to other institutions: Awardees of NBHM/ CSIR/ UGC/ ICMR/ DBT/ Inspire Junior Research Fellowships seeking admission to such Ph D programmes may send applications with relevant documents to the respective Unit Head throughout the year. The prospective candidate should check the website of the concerned Unit for the selection process and deadline of application for each round of selection and any other relevant information.

[9]For an applicant receiving education outside of India, whether the applicant satisfies the eligibility criteria for a programme will be decided on a case-by-case basis.

8 Doctoral Degrees

8.1 Doctor of Philosophy [Ph D]

The degree of Doctor of Philosophy is awarded to a candidate for original contribution in a chosen field of research in the areas: Statistics, Mathematics, Quantitative Economics, Computer Science, and Quality, Reliability & Operations Research (QROR). For this purpose, it is necessary for any candidate to register for this degree under a supervisor and subsequently submit a thesis embodying his/her research work for evaluation by a panel of examiners.

Eligibility conditions for registration as a candidate for the Ph D degree of Indian Statistical Institute are available in https://www.isical.ac.in/~deanweb/PhDRules_updated.pdf.

All correspondence regarding registration and other matters connected with Ph D degrees may be addressed to the Convener of the Ph D – D Sc Committee of the concerned discipline at the address: C/o Dean's Office, Indian Statistical Institute, 203, B T Road, Kolkata 700 108.

8.2 Doctor of Science [D Sc]

This is an award for outstanding published work.

Eligibility The D Sc degree is awarded only in exceptional cases on the basis of outstanding published work. Only those who satisfy one of the following requirements are considered for the award.

(i) B Stat (Hons)/B Math (Hons) degree or the Statistician's diploma of the Indian Statistical Institute and at least eight years of independent research work in Statistics.

(ii) M Stat degree or Certificate of successful completion of the Two/Three year Advanced Statistician's Course of the Indian Statistical Institute and at least four years of independent research.

(iii) Ph D degree of the Indian Statistical Institute and at least two years of subsequent research.

(iv) At least eight years of research work in the field of Statistics after the Bachelor's degree of a recognized university or institute of which at least one year of work must be at the Indian Statistical Institute.

All correspondence regarding registration and other matters connected with D Sc degrees may be addressed to Convener, Ph D – D Sc Committee, C/o Dean's Office, Indian Statistical Institute, 203, B T Road, Kolkata 700 108.

9 Other Information for Prospective Students

For all the regular on-campus degree and diploma programmes, each academic year is divided into two semesters separated by a short break. The first semester (Semester I) for all the programmes usually starts in July/August and ends in November/December. The second semester (Semester II) starts in January and, for all the programmes other than the two M Tech programmes and MS (QMBA), usually ends in May. For the two M Tech programmes and MS (QMBA), Semester II usually ends in June, after summer training for M Tech (CS) and field training for M Tech (QROR) and MS (QMBA). Classes are held on weekdays (Monday to Friday) during designated class hours.

Students' Brochure

Details of the courses along with the rules and regulations pertaining to the academic programmes of the Institute are given in the Students' Brochure. A periodically updated version of the Students' Brochure is available on the internet at https://www.isical.ac.in/~deanweb/academic.html in a downloadable PDF format.

Note: The Institute reserves the right to make changes in course structure, selection procedure, etc. as and when needed.

Stipends, Fellowships, Allowances and Prizes

All non-sponsored students and research fellows admitted to various degree programmes *except Bachelor of Statistical Data Science* and the domicile students of the *Postgraduate Diploma in Statistical Methods and Analytics* programme receive stipends, fellowships and book/contingency grants as given below. OCI applicants, if selected, will not be entitled to stipend. For all programmes except **Bachelor of Statistical Data Science** and **Postgraduate Diploma in Statistical and Computational Genomics**, the non-sponsored candidates are not required to pay any tuition fee. Stipends are granted in the first instance for one semester only. They are renewed every semester if the progress of the student is found satisfactory. **Stipend/ Fellowship granted to a student may be reduced or completely withdrawn if the academic progress, attendance in class, or character and conduct of the student are not found satisfactory.** Details of the rules pertaining to this are available in the appropriate Students' Brochure. At the end of each semester, prizes are also awarded for outstanding performance in examinations.

Tuition and Other Academic Fees

The programmes **Bachelor of Statistical Data Science** and **Postgraduate Diploma in Statistical and Computational Genomics** have fees. There will be provision for partial and full waiver of tuition

Table 8: Stipends, Fellowships and Allowances

PROGRAMME	Stipend/ Fellowship per month (Rs.)	Contingency Grant per year (Rs.)
B Stat (Hons)/B Math (Hons)	5000	5000
M Stat/M Math/MS(QE)/MS(LIS)/MS(QMBA)	8000	8000
M Tech (CS)/M Tech (CrS)/M Tech (QROR)	12400	8000
Post-Graduate Diploma in Statistical Methods and Analytics	3000 *	3000 *
Junior Research Fellowship (JRF)	37000 + HRA as per rules	20000
Senior Research Fellowship (SRF)†	42000 + HRA as per rules	20000

*Only for students domiciled in the North-Eastern States of India

†After two years as JRF

fees as mentioned below.

- Full waiver of tuition fee for SC / ST / PwBD candidates.
- Full/partial waiver based on family income: In particular,
- (a) full (100%) remission of tuition fee for students whose family income is less than Rs. 1 lakh per annum;
- (b) partial (66.67%) remission of tuition fee for students whose family income is between Rs. 1 lakh per annum and Rs. 5 lakh per annum, both inclusive.

The fee structure is mentioned in the following table.

Table 9: Fee structure for the paid programmes

Programme	Tuition fees per semester (in Rs.)	Other academic fees per semester (in Rs.)
Bachelor of Statistical Data Science	1,00,000	2,500
Postgraduate Diploma in Statistical and Computational Genomics	25,000	25,000

Disciplinary Policy

Every student of the Institute is expected to observe the normal discipline of the Institute and shall not indulge in cheating in the examinations, unruly behaviour or any other act of indiscipline or unlawful/unethical/indecent behaviour. There are also specific attendance requirements that the students are expected to meet, details of which are mentioned in the **Students' Brochure**. Violations of these are likely to attract punishments such as withdrawal of stipend, withholding of promotion/award of degree, and/or expulsion from the hostel/Institute.

Ragging is banned in the Institute. If any incident of ragging comes to the notice of the authorities, the concerned student will be given an opportunity to explain his/her action(s), and if the explanation is not found to be satisfactory, he/she may be expelled from the Institute. The punishment may also take the shape of

(i) **suspension from the Institute for a limited period,**

(ii) **suspension from classes for a limited period,**

(iii) **withholding of stipend/fellowship or other benefits,**

(iv) **withholding of results,**

(v) **suspension or expulsion from hostel.**

National laws governing ragging are also applicable to the students of the Institute.

Hostel

The Institute has hostels for the students in its premises in Kolkata, Delhi, Bengaluru and Hyderabad. The campus at Giridih also has rudimentary hostel facilities. A nominal rent is charged per month for accommodation. Students are responsible for payment of food charges. However, it may not be possible to accommodate all degree/ diploma students in the hostels. Limited medical facilities are available free of cost at all campuses. OCI applicants, if selected, will not be entitled to Hostel accommodation.

Students joining the B SDS programme at ISI Kolkata, Delhi and Bangalore, the PGDSMA programme at ISI Chennai and at the ISI NE Centre (Tezpur), and the PGDSCG programme in 2026-27 will have to make their own arrangements for accommodation since the Institute will not be able to provide hostel facilities.

Placement of Students

Students who have undergone the B Stat (Hons), B Math (Hons), M Stat, M Math, MS (QE), M Tech (CS), M Tech (CrS), M Tech (QROR) and other degree, diploma/ certificate programmes of the Institute

and those having the Ph D degree of the Institute either get opportunities to join research programmes in India and abroad, or get placed in attractive positions in the industry or government departments. The master's degree programmes in the Institute have close to 100% placement record. Most of the students of the Institute get employment offers or admission to some Ph D programmes even before they complete the qualifying degree examinations.

There is a Placement Committee in Kolkata, which arranges campus interviews by prospective employers. Campus interviews are also organised at the Delhi and Bengaluru Centres.

10 Application Procedure

All Indian Citizens, and Overseas Citizens of India (OCI) who obtained their OCI card on or before 4th March 2021, are eligible to apply.

At the time of registration a candidate has to choose the Applicant Type which is applicable for him/her:

- Citizen of India
- Overseas Citizen of India (OCI) who obtained their OCI card on or before 4th March 2021

The eligibility and selection criteria for the different channels is given in Tables 10 and 11.

Applicants are advised to study the prospectus carefully and satisfy themselves that they are eligible for admission to the academic programme for which they are applying. If at any stage it is found that a candidate does not satisfy the eligibility conditions or the information furnished in the application is incorrect, the application will be cancelled. Those who have completed or are due to complete the qualifying examinations for which results are not yet published, may also apply for admission; if selected, their admission to an academic programme will be provisional pending the announcement of results. In such cases, however, their applications may be cancelled if the final examinations are not completed before July 20, 2026. The institute may decide to relax this date at its discretion. Readmission will be allowed, through usual process, to students who have been asked to discontinue due to poor performance or who have voluntarily withdrawn. In case of such a readmission, the maximum period for which a student will get a stipend from the Institute is the minimum period that is necessary to fulfil all requirements of the programme. If a student is asked to discontinue from an ISI programme on any disciplinary ground, he/she is not eligible for readmission to **any** programme.

In order to avail the benefits of the Reservation Policy, the eligible candidates are required to upload the Category Certificate and/or PwBD certificate in support of their application. Candidates applying for the

Table 10: Eligibility and selection criteria for the **Regular seats**

Channel name	**Admissible programmes**	**Citizenship/ domicile status**	**Eligibility criteria**	**Selection criteria**
ISI Test Channel	All programmes	Indian citizens and OCIs	For OCIs, card issued on or before 4 March 2021	ISI admission test, Interview (if applicable)
GATE Channel	M Tech (CS) M Tech (CrS) M Tech (QROR)	Indian citizens	Valid GATE score	Gate score and Interview
ISI Test Channel for NE domiciles	PGDSMA	Domiciles of NE states	Certificate of Permanent Residence/ Domicile	ISI admission test, Interview
Channel for ISI Master students	JRF in Mathematics, Quantitative Economics and Computer science	Indian citizens	ISI Master's degree students qualified in a National level JRF written test	Interview

P.S. Reservation policy is applicable for the Regular seats.

Table 11: Eligibility and selection criteria for the **Supernumerary seats**

Channel name	**Admissible programmes**	**Citizenship/ domicile status**	**Eligibility criteria**	**Selection criteria**
INMO Channel	B Stat and B Math	Indian citizens	INMO certificate	Interview
ISI Test Channel for Sponsored candidates	MS QMBA, M Tech (CS), M Tech (CrS) and M Tech (QROR)	Indian citizens	Sponsorship by employer	ISI admission test, interview
Channel for GoI sponsored candidates	M Tech (CrS) and M Tech (QROR)	Indian citizens	GoI sponsorship	Interview

P.S. Reservation policy is not applicable for the above mentioned Supernumerary seats.

PGDSMA programme through the channel for Domiciles of North East States must upload a Certificate of Permanent Residence or Domicile.

Validity of GEN-EWS and OBC-NCL certificate, Permanent Resident/ Domicile certificate and PwBD certificate:

- Category certificates (GEN-EWS and OBC-NCL), Permanent Resident/ Domicile Certificate for domiciles of North-East states of India and PwBD certificates must be valid on the day of the ISI Admission Test scheduled on 10 May 2026.
- At the time of application, the candidates must upload a document that will remain valid on the day of the ISI Admission Test to be held on 10 May 2026.
- The candidates will be given an opportunity to update the Category related information (GEN-EWS, OBC-NCL status), North-East domicile status and PwBD information during 12-13 May, 2026 after the ISI admission test.

If a programme is offered at multiple locations, the applicant for that programme is asked to choose locations in order of preference. If selected, he/she will be allocated a location according to these preferences depending on availability as per merit list.

Applicants who apply through ISI Test Channels must take Admission Test at one of the test cities in India (see Table 13, in page no. 47). A candidate, if eligible, may apply through more than one Channel. The applications will be treated separately. The candidate will have to pay an application fee for each of the applications.

All the applications for admission to the programmes being offered by Indian Statistical Institute in the academic year 2026-27 must be done ONLINE through the ISI Admission Portal the link to which is available at https://admission.isical.ac.in/.

The applicant must initially register at the ISI Application Portal. An account will be created for the applicant in the portal, through which s/he can conveniently fill up the application form and also make payment of the application fee after submission of the form. After completion of application, the applicant will be able to pay the application fee through the payment gateway. Payment can be made in the online mode (See application portal for details).

Once the candidate has registered in the Application Portal, verified the e-mail address, filled up Category information and chosen an Academic Programme, the portal will show only the relevant Admission Channels to the candidate.

Application fee is waived for candidates who apply through the Channel for ISI Master Degree students.

Admit Card: All applicants who have paid the application fee successfully will be able to download the admit card from 17 April 2026, from the Dashboard of their account at the application portal. The

Application Fee

Table 12: Application Fee for the year 2026

1	**Rs 1500.00**	for all male applicants, who are Indian citizens, in the general category,
2	**Rs 1000.00**	for all female candidates, who are Indian citizens, in the general category
3	**Rs 750.00**	for applicants, who are Indian citizens, belonging to SC/ST/OBC-NCL/GEN-EWS/ Persons with Benchmark Disabilities (PwBD) categories,
4	**Rs 1500.00**	for all Overseas Citizens of India.

Applicants may have to pay an additional amount towards bank charges.

admit card will contain the name, photograph, signature and registration number of the candidate, test centre, test code and the date of test. The applicants will be required to carry hard copies of the admit card to the test centres on the day of the Admission Test.

In all subsequent correspondence, the applicant should quote the Registration Number without which no correspondence will be entertained.

Information about the Admission Process and Policy can be obtained by following the links given below.

- **Reservation Policy**
- **Selection Policy for non-JRF programmes**
- **Selection Policy for JRF programmes**
- **Selection Policy for admission to M Tech (CS), M Tech (CrS) and M Tech (QROR) through GATE Channel**
- **Selection Policy and Business Rules for the B SDS admission**
- **Business Rules for B Stat and B Math admission**
- **Business Rules M Tech (CS) and M Tech (CrS) admission**
- **Business Rules for non-JRF admission, other than B Stat, B Math, B SDS, M Tech (CS) and M Tech (CrS)**
- **Business Rules for JRF admission**
- **Prospectus 2026-2027**

The tables in the following pages contain useful information pertaining to the ISI Admission Test 2026.

Table 13: **List of Cities** for Admission Test in 2026

S.No.	Code	City	State/U.T.	S.No.	Code	City	State/U.T.
1	AT	Agartala	Tripura	26	KN	Kanpur	Uttar Pradesh
2	AD	Ahmedabad	Gujrat	27	KG	Kharagpur	West Bengal
3	BG	Bengaluru	Karnataka	28	KO	Kochi	Kerala
4	BP	Bhopal	Madhya Pradesh	29	CC	Kolkata	West Bengal
5	BH	Bhubaneswar	Odisha	30	LU	Lucknow	Uttar Pradesh
6	CN	Chennai	Tamil Nadu	31	MD	Madurai	Tamil Nadu
7	CM	Coimbatore	Tamil Nadu	32	ML	Malda	West Bengal
8	CT	Contai	West Bengal	33	MN	Mangaluru	Karnataka
9	CB	Cooch Behar	West Bengal	34	MH	Mohali	Punjab
10	DN	Dehradun	Uttarakhand	35	MB	Mumbai	Maharastra
11	DH	Delhi	Delhi	36	NG	Nagpur	Maharastra
12	DD	Dhanbad	Jharkhand	37	PT	Patna	Bihar
13	DW	Dharwad	Karnataka	38	PO	Pondicherry	Pondicherry
14	DP	Durgapur	West Bengal	39	PU	Pune	Maharastra
15	GY	Gaya	Bihar	40	RP	Raipur	Chattisgarh
16	GO	Goa	Goa	41	RN	Ranchi	Jharkhand
17	GH	Guwahati	Assam	42	RK	Rourkela	Odisha
18	GW	Gwalior	Madhya Pradesh	43	SL	Shillong	Meghalaya
19	HK	Hanumakonda	Telengana	44	SC	Silchar	Assam
20	HY	Hyderabad	Telengana	45	SG	Siliguri	West Bengal
21	ID	Indore	Madhya Pradesh	46	TZ	Tezpur	Assam
22	JP	Jaipur	Rajasthan	47	TV	Trivandrum	Kerala
23	JA	Jammu	Jammu & Kashmir	48	VN	Varanasi	Uttar Pradesh
24	JS	Jamshedpur	Jharkhand	49	VJ	Vijayawada	Andhra Pradesh
25	KL	Kalyani	West Bengal	50	VP	Visakhapatnam	Andhra Pradesh

Table 14: Information about Admission Tests for non-JRF Programmes being offered in 2026-27

Programme	Programme Code (Location)	Forenoon 10:30 hrs to 12:30 hrs			Afternoon 14:00 hrs to 16:00 hrs		
		Test Subject	Test Type	Test Code	Test Subject	Test Type	Test Code
B Stat	BST (Kolkata)	Math	MCQ	UGA	Math	Descriptive	UGB
B Math	BMT (Bengaluru)	Math	MCQ	UGA	Math	Descriptive	UGB
M Stat	MST (Delhi, Kolkata)	Math, Stat	MCQ	PSA	Math, Stat	Descriptive	PSB
M Math	MMT (Kolkata, Delhi)	Math	MCQ	PMA	Math	Descriptive	PMB
MS (QE)	MQE (Kolkata) / MQE (Delhi)	Math, Eco	MCQ	PEA	Math, Eco	Descriptive	PEB
MS (QMBA)	MQM (Bengaluru, Hyderabad)	Math	MCQ	MMA	Math	Descriptive	QMB
MS (LIS)	MLI (Bengaluru)	Quantitative and Reasoning Ability	MCQ	PLA	Essays and English Comprehension	Descriptive	PLB
M Tech (CS) & M Tech (CrS)	MCX (Kolkata)	Math, Comp Sc	MCQ	PCA	Math/ Comp Sc/Engg	Descriptive	PCB
M Tech (QROR)	MQR (Kolkata)	Math	MCQ	MMA	Stat/Prob/ Math/Engg	Descriptive	PQB
PG Diploma in Statistical Methods & Analytics	DST (Chennai) / DST (Tezpur) / DST (Tezpur, Domicile)	Math	MCQ	DST	No Test	–	–
PG Diploma in Agricultural and Rural Management with Statistical Methods & Analytics	DAR (Giridih)	Math, English, Logical Reasoning Basic notions of Agriculture and Social Science	MCQ	DRA	No Test	–	–
PG Diploma in Applied Statistics	DAS (Online)	Math	MCQ	DST	No Test	–	–
PG Diploma in Statistical and Computational Genomics	DSG (Kolkata)	Analytical Reasoning, Statistics, Basic Science	MCQ	DGA	(Stat, Life Sciences)/ (Stat, Comp Sc, Applied Math, Phys)	Descriptive	DGB

Note: Abbreviations used in the Test Subject column are explained in the list of abbreviations in page no. 2.

Table 15: Information about Admission Test for Junior Research Fellowships (JRFs) programmes being offered in 2026-27

Programme	Location	Code	Forenoon 10:30 hrs to 12:30 hrs			Afternoon 14:00 hrs to 16:00 hrs		
			Test Subject	Test Type	Test Code	Test Subject	Test Type	Test Code
Statistics	Kolkata Delhi Bengaluru	JST	Math, Stat	Descriptive	STA	Math, Stat	Descriptive	STB
Mathematics	Kolkata Delhi Bengaluru	JMT	Math	Descriptive	MTA	Math	Descriptive	MTB
Quantitative Economics	Kolkata Delhi Tezpur	JQE	Math	Descriptive	QEA	Eco	Descriptive	QEB
Computer Science	Kolkata Bengaluru Chennai	JCS	Elements of Comp Sc. Math	Descriptive	CSA	Comp Sc, Math	Descriptive	CSB
Quality, Reliability & Operations Research	Bengaluru	JQR	Math	MCQ	MMA	Math, Stat, OR, SQC, Reliability	Descriptive	QRB
Physics & Applied Mathematics	Kolkata Tezpur	JPM	Math	MCQ	MMA	Math, Phys	Descriptive	PHB
Geology	Kolkata	JGE	Math, Geomath, Geostat	Descriptive	GEA	Geology	Descriptive	GEB
Biological Science (Agri & Ecol Res)	Giridih	JAE	Agri Science, Env Science Basic Stat	MCQ	AEA	Agri Science, Env Science, Basic Stat	Descriptive	AEB
Biological Science (Human Genetics)	Kolkata	JHG	Biochem, Biotech, Genetics, Mol Bio, Life Sc, Zool	MCQ	HGA	Biochem, Biotech, Genetics, Mol Bio, Life Sc, Zool	Descriptive	HGB
Library & Information Science	Bengaluru	JLI	Lib & Info Sc	MCQ	LIA	Lib & Info Sc	Descriptive	LIB

Note: Abbreviations used in the Test Subject column are explained in the list of abbreviations in page no. 2.

Notes

- Candidates selected for Junior Research Fellowships may be asked to join at a place other than the one opted for, if necessary.
- Candidates who fail to appear in the written admission tests will not be considered for admission. On the basis of the performance in the written tests, shortlisted candidates will be asked to appear for an interview for final selection subject to verification of their eligibility with reference to original documents.
- **Any dispute concerning admissions in 2026-27 shall be settled in Kolkata subject to the jurisdiction of the Kolkata High Court.**

IMPORTANT DATES (FOR ALL PROGRAMMES EXCEPT B SDS)	
Online Application	Start Date **12 FEBRUARY, 2026** End Date **13 MARCH, 2026**
Issue of Admit Card	**17 APRIL, 2026**
ISI ADMISSION TEST	10 MAY, 2026

IMPORTANT DATES FOR THE B SDS PROGRAMME	
Online Application	Start Date **28 April, 2026** End Date **28 May, 2026**


भारतीय सांख्यिकीय संस्थान