Placement Brochure 2022-23

Indian Statistical Institute

North-East Centre at Tezpur

Contents

Centre Head's Message

The Indian Statistical Institute has a long and illustrious history of distinction in training, teaching, and research across many academic fields with focus on Statistics, Mathematics, Computer Sciences, and Quantitative Economics. The North-East Centre, established in 2011, offers one-year Post Graduate Diploma in Statistical Methods and Analytics since 2013, and earlier as Post Graduate Diploma in Statistical Methods with Applications since 2011. I am aware that the alumni of the said course are successful. I am confident that the present batch is a bright and well trained group of students.

I am happy that the placement cell of the North-East Centre has released the placement brochure for 2022–2023. I extend my invitation to all potential employers to visit the North-East Centre campus at Tezpur for placement activities.

Best wishes.

B. Ramakrishnan
Professor and Head
Indian Statistical Institute
North-East Centre

ISI North-East Centre

About Indian Statistical Institute

Prof. Prasanta Chandra Mahalanobis
Founder of Indian Statistical Institute

The Indian Statistical Institute (ISI) was founded in 1931 by Professor P.C. Mahalanobis as a learned society, housed in the Statistical Laboratory of Presidency College. The Institute has flourished as a unique institution devoted to research and training, and applications of statistics in natural and social sciences. The institute gained the status of an Institution of National Importance in 1959 and currently stands as an institute of worldwide repute in the field of Statistics, Mathematics, Computer Science, and Quantitative Economics. It is renowned for the world-class quality of faculty and the outstanding caliber of its students. ISI is an autonomous institute with the Ministry of Statistics and Programme Implementation (MoSPI) of the Government of India with its Headquarters at Kolkata with four centres located in Delhi, Bangalore, Chennai, and Tezpur.

Research in statistics and related disciplines is the primary activity of the institute. Teaching activities are undertaken mainly in Kolkata, Delhi, Bangalore, Chennai, and Tezpur. The seven research divisions are Applied Statistics, Biological Sciences, Computer & Comm. Sciences, Physics & Earth Sciences, Statistics & Mathematics, Social Sciences, SQC & OR. ISI offers bachelor and master-level degree programs in Statistics, Mathematics, Computer Science, and Quantitative Economics. The Institute also offers two one-year diploma programs, namely Post Graduate Diploma in Statistical Methods & Analytics (PGDSMA) and PG Diploma in Applied Statistics (PGDAS). ISI alumni include eminent academicians and researchers. In recent years, a high percentage of ISI alumni have contributed to the fields of analytics, software, and the banking and finance industry.

ISI North-East Centre

About ISI North-East Centre

The North-East Centre of the institute at Tezpur was inaugurated on July 23, 2011 by Shri Pranab Mukherjee, the Union Finance Minister and Chairman of the ISI council. This is the fourth centre of ISI, joining the existing centres in Delhi, Bangalore, and Chennai. The North-East Centre offers a one-year Post-Graduate Diploma in Statistical Methods and Analytics. The North-East Centre is actively involved in training & research. The major research units of the centre are Applied and Official Statistics Unit, Socioeconomic Research Unit and Theoretical and Applied Sciences Unit. The faculty at this centre holds interest in diverse fields of research including Remote Sensing, Environmental Sciences, Applied Economics, Theory of Singularities, Macro econometrics, Social Epidemiology, Auction Theory, Survival Analysis, Credit Risk using Copulas, Machine Learning, and Data Science. It is envisaged that the North-East States will be able to improve their Official Statistical System with help from this centre. The centre aims to create a pool of scientific personnel with strong Statistical background, that will be helpful in many areas like Planning, Forecasting, and Model Building, Data Analysis.

Campus layout

Post Graduate Diploma in Statistical Methods and Analytics

The course is intended to provide students with a comprehensive and rigorous training in basic theory and applications of Statistical Methods and Analytics, in addition to some exposure to Mathematics and Computational Techniques. The students are exposed to data handling using R and Python packages. The programme is so designed that on successful completion, the students will be able to take up jobs in industries and government departments where applications of statistics and data analytics are required.

The one-year programme consists of a total of 10 courses. There are five courses in the first semester and four courses plus a one-course project on data analytics supervised by a faculty in the second semester. This helps the students have some hands-on experience with real world data-driven projects. The course is run at the ISI NEC campus at Tezpur and ISI Chennai campus, where the selection is through a national level exam followed by an interview.

Semester One

- Probability Theory
- Statistical Methods I
- Statistical Inference
- Vectors, Matrices and Regression Methods
- Programming : R and Python

Semester Two

- Statistical Methods II
- Statistical Machine Learning
- Statistical Modelling
- Time Series and Statistical Finance
- Project

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Campus Activity

Training Programme on Officials Statistics for the officials from the Directorate of Economics and Statistics, Govt. of Assam.

Winter School on Mathematics for NE region college students, held every year.

Celebration of the birth anniversary of the founder of Indian Statistical Institutes.

Convocation ceremony of PGDSMA batch 2021-22 at ISI Kolkata.

ISI North-East Centre

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Community

A small and focused community of students, teachers and staffs take part in every major celebration on the campus, ensuring healthy atmosphere that's conducive to learning.

ISI North-East Centre

Demographics

Our PGDSMA batch of 2022-23 is a diverse community of students representing ten states across India, with a healthy gender ratio. Students come from different educational backgrounds such as Bachelor's (Maths/Statistics/Physics), Master's (Maths/Stats), B.Tech, etc, all having exposure to pre-requisites of data science (attested by the entrance exam and interview for admission).
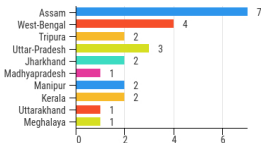
Gender

- Male
- Female

Educational Background

- Mathematics
- Statistics
- Engineering
- Vocational (Data)
- Physics

Degree

- Bachelor's
- Master's

State	Count
Assam	7
West-Bengal	4
Tripura	2
Uttar-Pradesh	3
Jharkhand	2
Madhyapradesh	1
Manipur	2
Kerala	2
Uttarakhand	1
Meghalaya	1

Where are our past students?

A strong alumni network is a testimonial to the bond that is shared by students across the batches, helping the student community find personal and professional support wherever they go. Past students from the PGDSMA course at ISI NEC have successfully made their mark in data-driven jobs. Students interested in higher education have also joined masters and doctoral level courses in reputed universities/institutes across the world.

Median package of batch 2021-22 : 9 lpa

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Navigating Tezpur

Air connectivity

Tezpur has its own domestic airport named as Salonibari Airport, Tezpur. It is well connected to flights from Kolkata, Guwahati, Lakhimpur and Pasighat by Alliance Air. The nearest International Airport from Tezpur is Lokpriya Gopinath Bordoloi International Airport, Guwahati, roughly 165 Kms from Tezpur.

Railways

Operational railway station in Tezpur is Dekar Gaon, that provides connectivity to major railway stations like Guwahati. Rangapara is another railway station 25 Kms from Tezpur.

Buses

Tezpur is 63 Kms from Nagaon, 75 Kms from Udalguri, 162 Kms from Guwahati, 163 Kms from Itanagar, 206 Kms from East Kameng and 263 Kms from Sagali via Assam State Road Transport Corporation (ASRTC) and some private travel services.

Hotels

Palazzo Prime
KRC Annexe
Hotel Welkin

Online bookings can be done.

Explore

Town area
Agnigarh
Bamuni Hills
Chitralekha Udyan

Nameri Forest Reserve close by.

City travel

E-rickshaws
Autos

Cabs not available.

Placement cell members

Anisha

Anjani

Atanu

Prithwish

Sasthimoni

Shashwat

Faculty coordinators
Dr. Mridu Prabal Goswami
Dr. Kushal Banik Chowdhury

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