INDIAN STATISTICAL INSTITUTE BANGALORE

STATISTICAL INDIAN INSTITUTE

मिन्नेष्वैक्यस्य दर्शनम्

UNITY IN DIVERSITY

PLACEMENT BROCHURE 2025-26

Contents

About ISI

The Indian Statistical Institute (ISI), **founded in 1931 by Professor Prasanta Chandra Mahalanobis**, is a premier institution of national importance devoted to research, teaching, and application of **statistics, mathematics, computer science, quality control**, and related disciplines. With a legacy spanning over 90 years, ISI has played a pivotal role in shaping India's data and decision-making landscape—most notably through its contributions to the Second Five-Year Plan, development of sample survey methodology, and pioneering work in Statistical Quality Control (SQC) and Operations Research (OR).

ISI's multidisciplinary approach bridges the gap between theory and real-world application. It is renowned globally for its rigorous academic environment, outstanding faculty, and path-breaking contributions to statistical science and analytics. ISI continues to shape the future of analytics and decision sciences through academic excellence and impactful research.

Headquartered in **Kolkata**, ISI has centres in **Bengaluru**, **Chennai**, **Delhi**, **Hyderabad** and **Tezpur**. It continues to be a key driver in India's analytical evolution, equipping professionals with the skills to lead in a data-driven future.

About ISI, Bangalore Centre

The Bangalore Centre of the Indian Statistical Institute is one of the key academic and research units under ISI, with a strong focus on **Statistical Quality Control, Operations Research, Data Science, and Computer Science**. While its origins trace back to the Statistical Quality Control (SQC) Unit established in 1956, the centre was formally declared as an ISI campus in 1996.

The **Statistical Quality Control** (SQC) Unit was established in 1956, followed by the **Documentation Research and Training Centre** (DRTC) in 1962. The **Statistics and Mathematics Unit** (SMU) came into existence in 1978. Other active divisions at the centre include the **Economic Analysis Unit** (EAU) and the **Systems Science and Informatics Unit** (SSIU), contributing to the centre's diverse academic and applied research ecosystem.

Over the decades, the Bangalore Centre has evolved into a vibrant hub for teaching, research, training, and consultancy. It has played a pivotal role in advancing quality and analytics in Indian industry through its applied research and collaborations.

Strategically located in the heart of India's technology capital, ISI Bangalore provides an ideal ecosystem for innovation, learning, and impactful industry engagement.

Message from the Convenor, Placement Cell

Dear Recruiters,

We cordially invite you to the placement season at the Indian Statistical Institute, Bangalore.

ISI Bangalore has been a center of scholastic excellence for a long time, providing UG, PG and PhD courses that harmoniously combine solid theoretical foundations with practical applications. Our students are from various academic disciplines like engineering, mathematics, statistics, computer science, and information science. Several of them also possess professional experience, adding practical insights to the classroom.

The **MS QMS** program creates **Data Science, Applied Statistics, Machine Learning, Operations Research**, and **Quality Management** professionals equipped with rigorous training and project exposure. Students are prepared to tackle intricate analytical and business problems.

The **MS LIS** program educates students in **Information Retrieval, Knowledge Management, Digital Libraries, and Data Analytics**, preparing them for careers in information systems, research, and digital transformation.

We invite you to consider internship and placement with our distinguished student body. We are confident their analytical rigor, flexibility, and problem-solving skills will bring tremendous value to your organization.

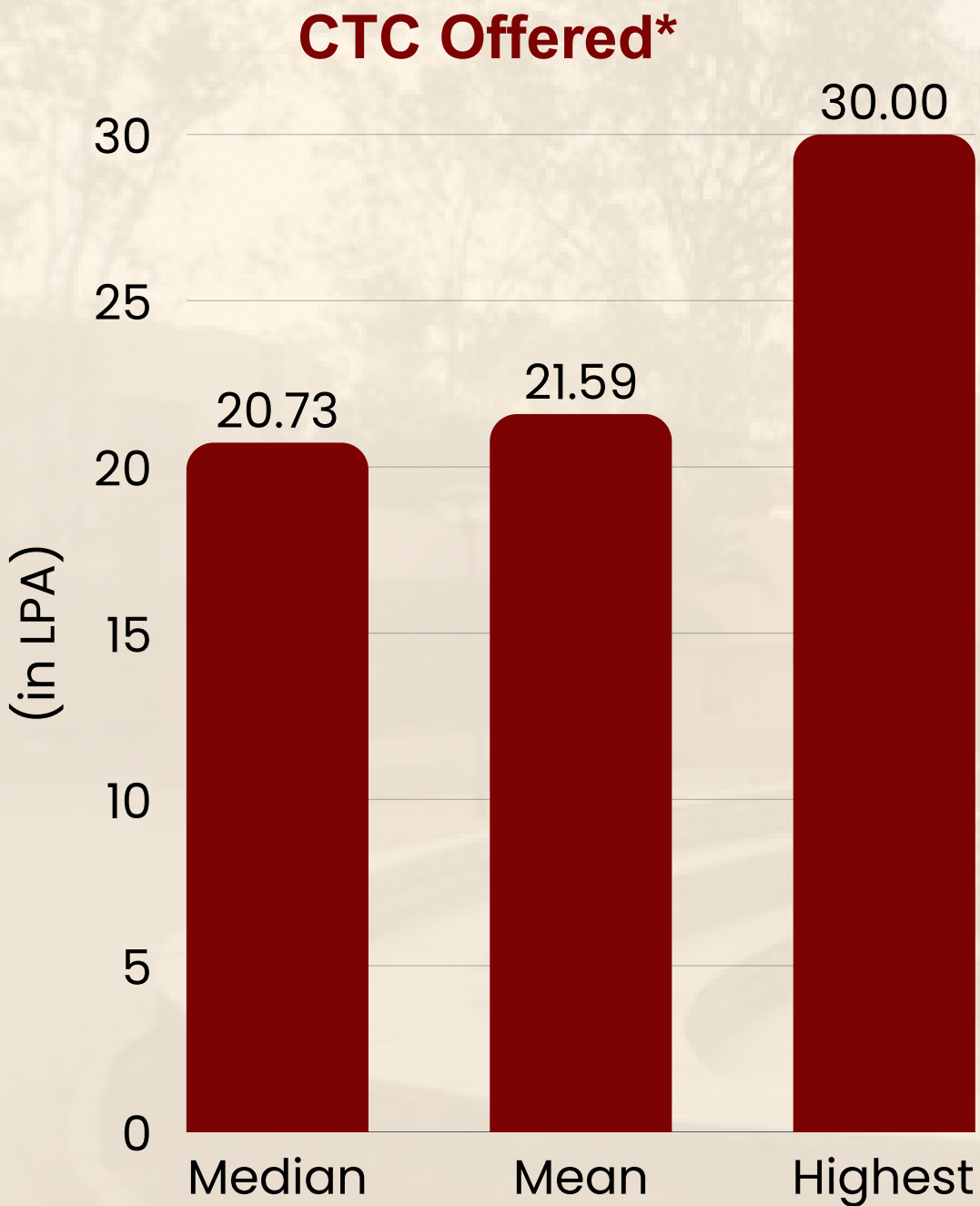We hope for a lasting and fruitful affiliation.

Dr. Moutushi Chatterjee
Placement Convenor & Students-in-Charge (MS QMS)
SQC & OR Unit

Placement Statistics of '24-'25

Infographics – Batch of '26

CTC Offered*

(in LPA)

- Median: 20.73
- Mean: 21.59
- Highest: 30.00

Courses participated in Placements '24-'25:
MS QMS, MS LIS, M. Math, PhD

*Based on data till Jun '25.

Academic Background

MS in QMS
- Data Science 1
- Engineering 5
- Science 4
- Math & Stat 3

MS in LIS
- Commerce 1
- LIS 1
- Science & CS 4
- Agriculture 1

Work Experience

MS in QMS
- >3 years: 3
- 0-3 years: 4
- Freshers: 6

MS in LIS
- >3 years: 0
- 0-3 years: 1
- Freshers: 6
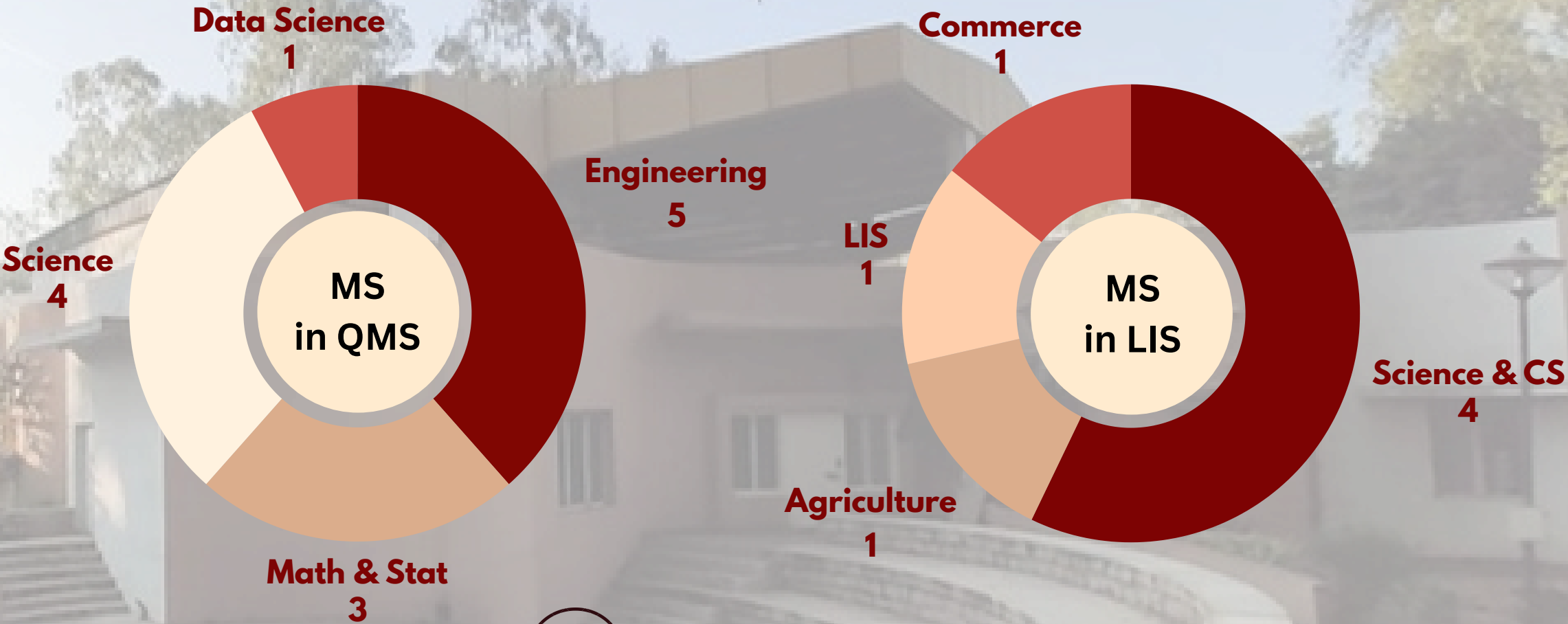
SQC & OR Unit – MS in QMS

Compulsory Courses

- Applied Regression Analysis
- Multivariate Data Analysis
- Reliability Maintainability & Safety
- Statistics for Decision Making
- Advanced Statistical Process Control
- Nonlinear Programming

- Operations Research
- Project Management
- Total Quality Management
- Design of Experiments
- Six Sigma
- Dynamic Programming

Electives

- Data Base Management
- Game Theory
- Neural Network
- Pattern Recognition

- Markov Analysis & Modelling
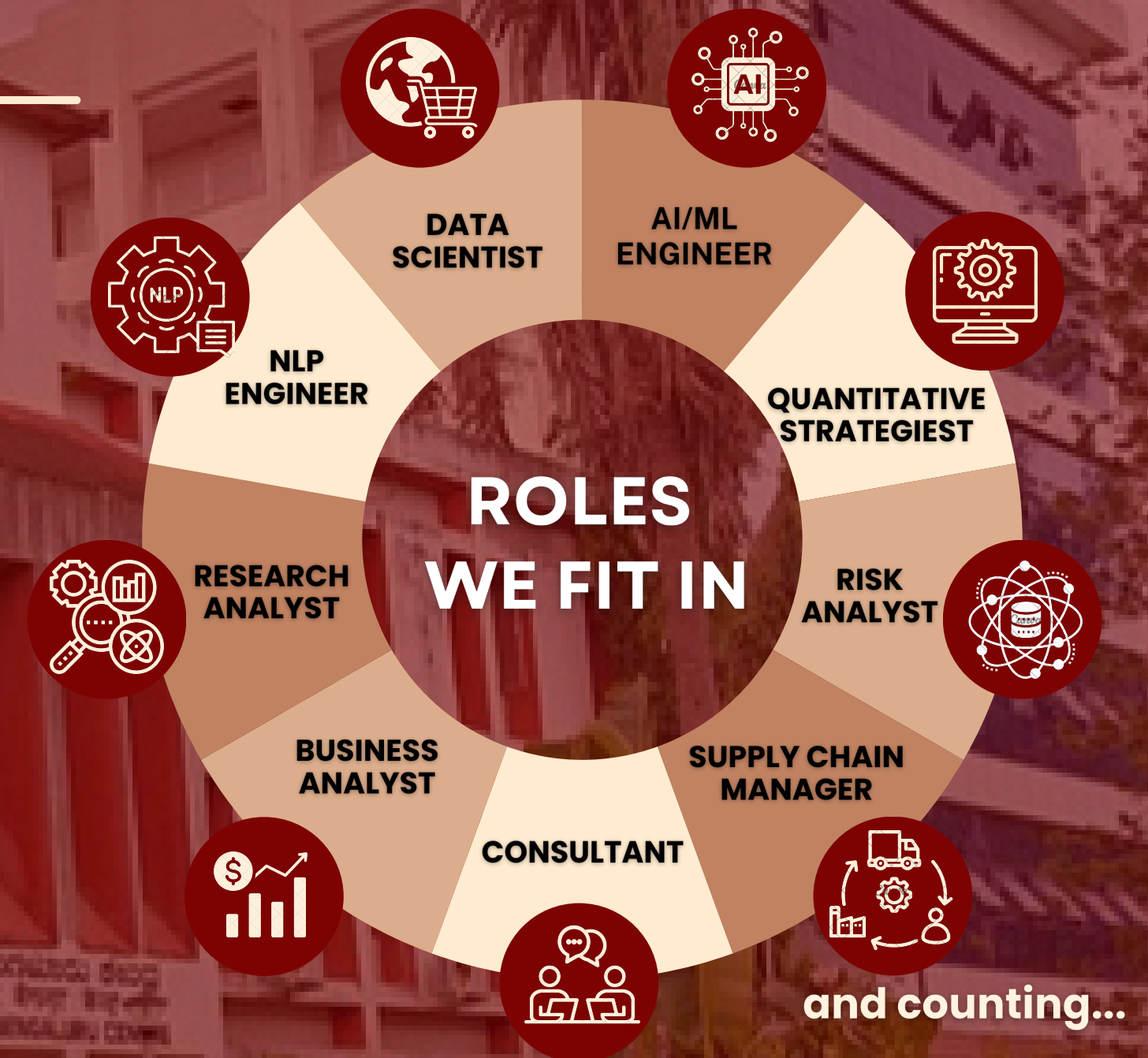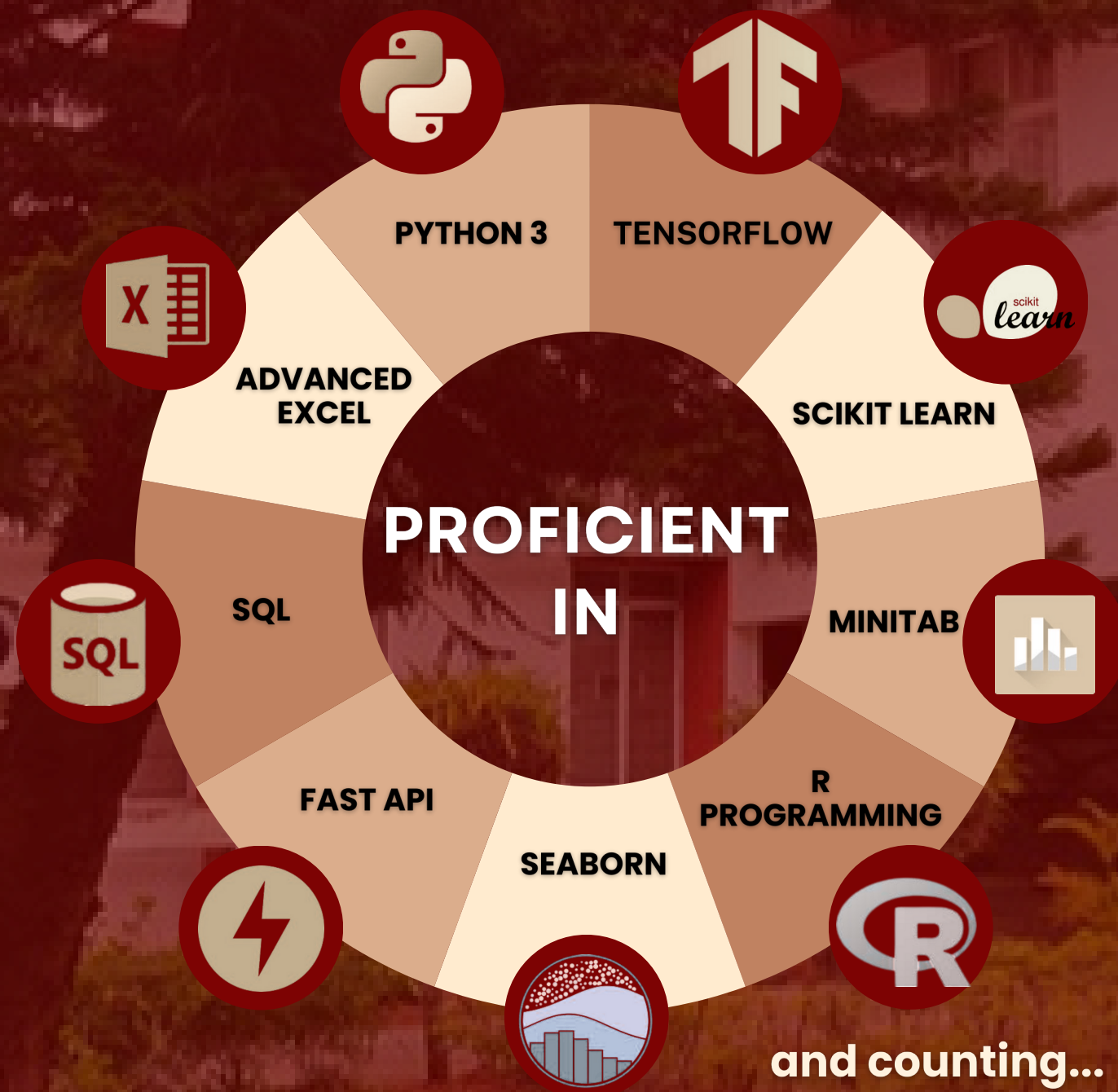- Marketing Research
- Software Reliability

About the Course

The course is designed to create **Data Scientists** with exceptional skills in **Statistics, Machine Learning, OR and Quality** as major fields. Every organization wants to predict customer behaviour and provide insight to strengthen their business with the help of accurate and reliable data using the data-driven analytical approach with extensive application of statistical analysis, exploratory and predictive modelling. The program is designed in such a way that the students are given sound theoretical knowledge with live project applications needed for **Data Science, Business Analytics, Machine Learning, Statistical Modelling, Optimization and Quality Management**.

Why Recruit from ISI – MS in QMS

Selective Admissions

- < 2% acceptance rate via national-level entrance test + interviews
- Ensures high-calibre peer group & learning environment

ROLES WE FIT IN

- DATA SCIENTIST
- AI/ML ENGINEER
- QUANTITATIVE STRATEGIEST
- RISK ANALYST
- SUPPLY CHAIN MANAGER
- CONSULTANT
- BUSINESS ANALYST
- RESEARCH ANALYST
- NLP ENGINEER

and counting...

PROFICIENT IN

- PYTHON 3
- TENSORFLOW
- SCIKIT LEARN
- MINITAB
- R PROGRAMMING
- SEABORN
- FAST API
- SQL
- ADVANCED EXCEL

and counting...

Multidisciplinary Course Structure

A unique postgraduate program blending: **Statistics + Machine Learning + Operations Research + Quality Management** to build versatile, data-driven professionals.

Students' Brief Profiles – MS QMS Batch of 2026

Aman Prasad

Education: B.Tech in Mechanical Engineering from CET, Bhubhaneshwar

Experience: 70 months in logistics, construction and manufacturing industry

Anmol Sinha

Education: Integrated B.Tech in ECE from JNU, Delhi + M.Tech in VLSI from IIT Delhi

Experience: 7 months as Software Engineer at Oakter-ODM, Noida

Arghadeep Paul

Education: B.Sc. in Data Science from MAKAUT, West Bengal

Project: Enhancing Information Retrieval on Twitter Data Analytics : A Case Study of the US Airline Dataset

Ayush Arora

Education: B.Sc. Hons. and M.Sc. in Physics from AMU

Experience: 4 months as IIT JEE Physics faculty in Akash+BYJU's

Bhaskara Sai Ruthwik

Education: Integrated MSc. in Physics from NIT, Rourkela

Project: Study of Near Earth Extremely Long Southward Interplanetary Magnetic Field Conditions

Piyush Agnihotri

Education: B.Sc. (Hons.) in Mathematics from BHU, Varanasi

Experience: 2 months in manufacturing industry with Wilton Weavers as Data Science Intern

Pronnota Mandal

Education: B.Sc. in Physics(Hons.), Calcutta University

Project: Bengaluru House Price Prediction using regression techniques and EDA

Students' Brief Profiles – MS QMS Batch of 2026

Rohit Basu

Education: B.Sc. in Mathematics(Hons.) from St. Xavier's College, under Calcutta University

Project: Finetuning multivariate time series data using LLM

Suhaditya Chakraborty

Education: B.Tech. in Civil Engineering from NIT, Durgapur

Experience: Worked as project planning engineer in L&T Construction for 56 months

Sagar Mohanty

Education: M.Sc. in Mathematics, University of Hyderabad and B.Tech in Mechanical Engineering, VSSUT, Burla

Experience: Total 9 months of experience as Software Engineer in Accenture and Associate Professor in FIITJEE

Sukram Pal Yadav

Education: B.Sc. in Physical Science from Ramjas College, Delhi University

Experience: 120 months in BSF (Border Security Force) as SI (GD/Executive)

Sourish Sarkar

Education: B.Tech. in IT from Kalyani Govt. Engineering College

Experience: 32 months in TCS as Data Scientist

Vishal Bhura

Education: B.Sc. in Mathematics from MGS University

Experience: 2 months in Siddhast IP Innovations as Data Science Intern

DRTC Unit – MS in LIS

Compulsory Courses

- Ontology Modeling
- Taxonomy Design
- Metadata Standards & Schemas
- Semantic Web Fundamentals
- Python for Information Science
- Knowledge Engineering Pipelines
- Digital Repositories
- Search & Ranking Algorithms

- Web API Development
- Data Visualization Basics
- Content Management Systems
- Advanced Semantic Web
- Linked Data Publishing
- Information Analytics
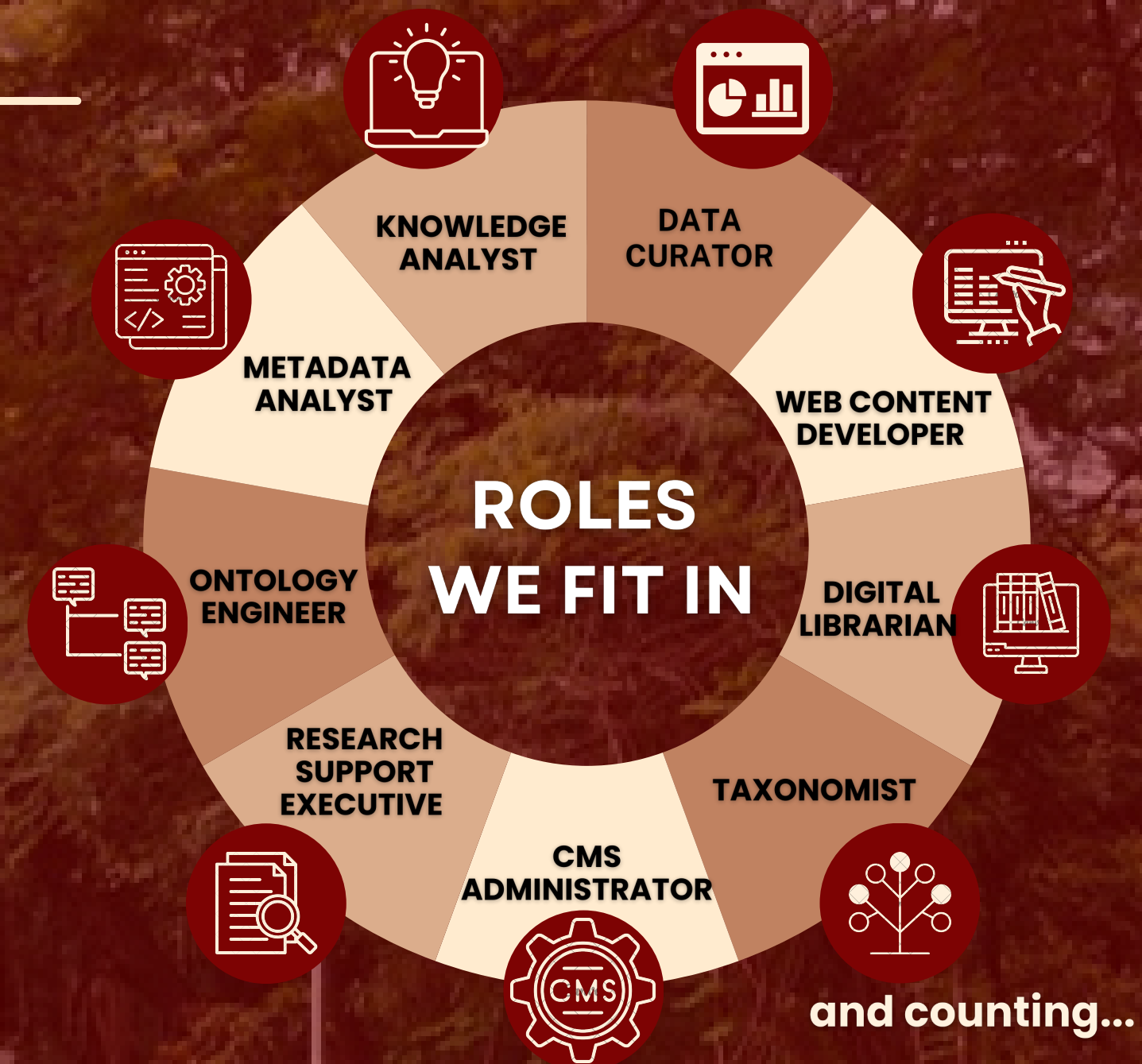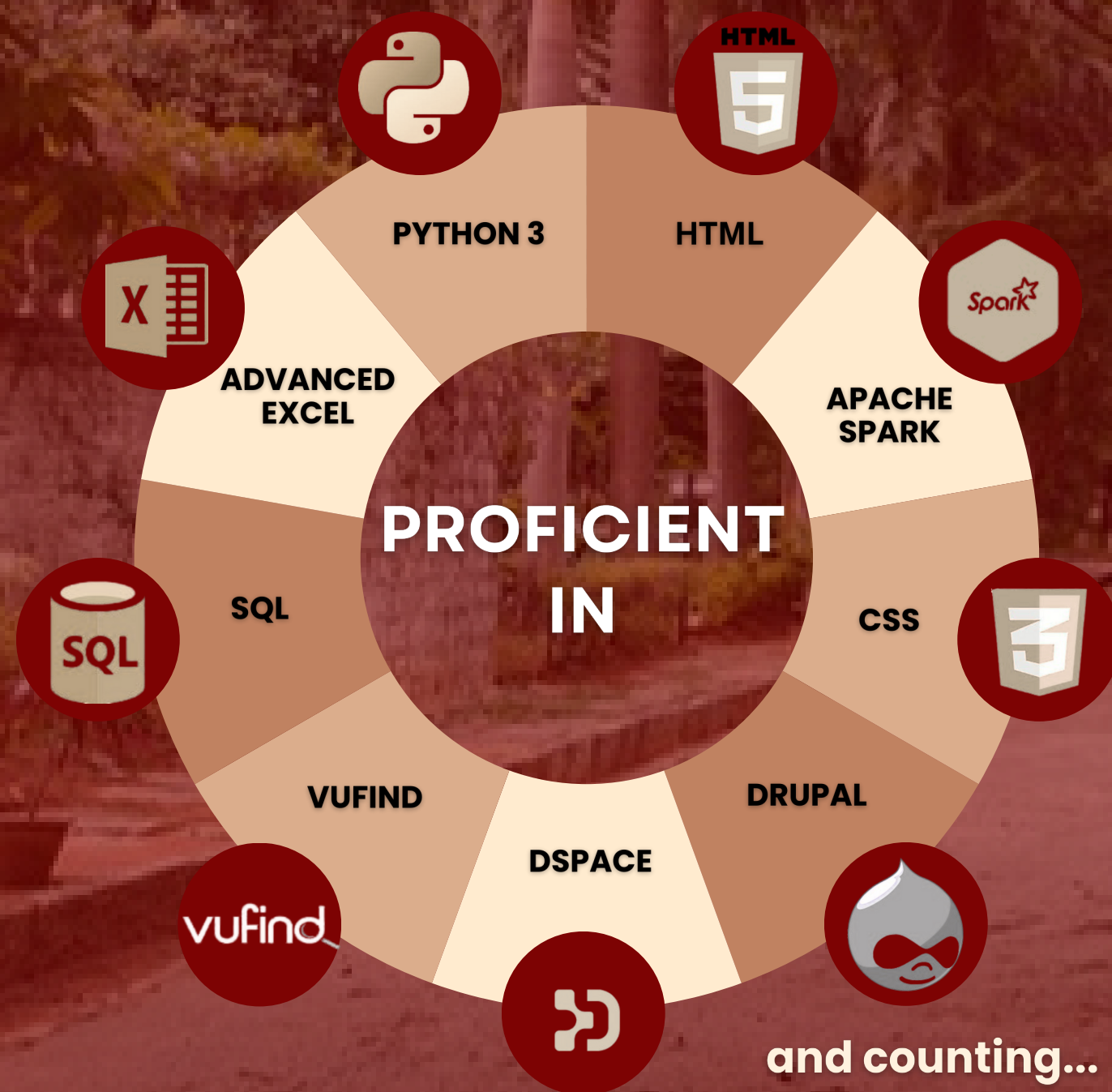- Project Management in IT

Electives

- Data Analytics
- Health Informatics
- Geographic Information Science

- Business/Corporate Information Systems
- Data and Text Mining
- Big Data- Technology and Techniques

About the Course

Masters in Library and Information Science at ISI Bangalore is a graduate degree that focuses on the study of **information** and its management within various contexts, including social, organizational, and individual needs. It equips our students with the skills to analyze, design, develop, and manage information systems and networks, and to understand the relationship between information, technology, and human behavior. It also prepares our students to be efficient Knowledge Engineers and managers. This field draws from **computer science**, **library science**, and **information management**.

Why Recruit from ISI – MS in LIS

- **Ontology & Taxonomy Engineering:** Craft formal knowledge models for enterprise data

- **Information Retrieval & Analytics**: Design search algorithms and analyze usage patterns.

ROLES WE FIT IN

- KNOWLEDGE ANALYST
- DATA CURATOR
- WEB CONTENT DEVELOPER
- DIGITAL LIBRARIAN
- TAXONOMIST
- CMS ADMINISTRATOR
- RESEARCH SUPPORT EXECUTIVE
- ONTOLOGY ENGINEER
- METADATA ANALYST

and counting...

PROFICIENT IN

- PYTHON 3
- HTML
- APACHE SPARK
- CSS
- DRUPAL
- DSPACE
- VUFIND
- SQL
- ADVANCED EXCEL

and counting...

- **Data Management & Linked Data:** Implement modern data stores and expose data as Linked Open Data

- **Research & Innovation:** Apply scientometric and informetric techniques to evaluate information systems

Students' Brief Profiles – MS LIS Batch of 2026

Abhinav Sharma

Education: B.Sc. in Zoology, Botany, Chemistry

Experience: 1 month as Library Intern in IIT Bhubaneshwar

Durganshi Singh Depawat

Education: B.Sc. (Botany, Zoology, Chemistry)

Project: DST Rajasthan KARYA Fellow -2021, developed transgenic drought resistant Millets

Ishita Majumdar

Education: B.Sc Hons. Geology, B.Lib.I.Sc, Diploma in creative writing in English

Experience: DMS intern at HHV(2 weeks) , Library Intern : IIM Bangalore (4 weeks)

Prasenjit Das

Education: M.A. in English

Experience: 12 months in content writing at KidadI

Prateek Kumar Bisen

Education: B.Lib.I.Sc from HSGV, Sagar

Experience: 1 month at ISI Bangalore, Library and P.G.Govt College

Shruti

Education: B.Com.

Experience: 9 months in Yes Bank CASA process and 3 months in PINELABS Fintech process

Samalla Srihari

Education: B.Sc. (Mathematics, Statistics, CS)

Experience: 2 months at HHV Advance Technology Company as Dspace Metadata Intern

SMU – B.Math, M.Math

About the Courses

Compulsory Courses

B.Math: Algebra I–IV, Analysis I–IV, Probability I–II, Optimization, Complex Analysis, Graph Theory, Topology, Differential Geometry, Differential Equations, Physics, Computer Science, Statistics, Writing of Mathematics (non-credit)

M.Math: Measure Theory, Linear Algebra, Algebra I, Topology I, Analysis of Several Variables, Complex Analysis, Functional Analysis, Topology II, Algebra II, Number Theory, Differential Geometry I, Probability Theory, Partial Differential Equations

Electives

B.Math: Discrete Mathematics II, Game Theory, Information Theory, Data Structures and Algorithms, Mathematics of Data Science, etc.

M.Math: Algebraic Structures, Lie Theory, Modular Forms, Elliptic Curves, Fourier/Wavelet Analysis, Complex Variables, Differential Geometry & Topology, Stochastic Processes, Large Deviations, Logic & Computation, Game Theory, Quantum/Fluid Dynamics, C*-Algebras, Special Topics.

B.Math (Hons.)

The B.Math.(Hons.) degree programme offers comprehensive instruction in basic mathematics along with rudimentary courses in probability, Statistics, Computing and Physics. It is designed to make students able to pursue higher studies in the areas of Mathematics, Statistics, Computer Science, Mathematical Physics or take up a career in applications of Mathematics. The total duration of the B.Math.(Hons.) programme is three years.

M.Math

The M. Math. Programme offers advanced level training in Mathematics. It is designed to make students able to pursue a research/academic career in Mathematics. Depending on the choice of the optional subjects, the students would also be able to work in the fields of Probability Theory and Theoretical Computer Science. The total duration of the M. Math. Programme is two years. The current M.Math 2nd year batch is in ISI Kolkata.

Placement Process

The Placement Office assigns a dedicated point of contact and sends an official invitation to your organization.

Companies fill and submit the Campus Recruitment Form and/or Internship Recruitment Form (forms' links are provided on the next page).

Dates for Pre-Placement Talks and the recruitment process are decided in mutual agreement with the Placement Cell.

After completion of the process, the company informs the Placement Cell about the selected candidates and sends their respective offer letters.

The company visits the campus or conducts the recruitment process online on the agreed date.

Interested candidates apply, and their CVs are forwarded to the company for review.
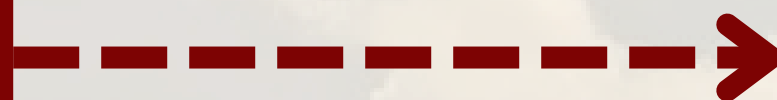
📅 Placement Timeline

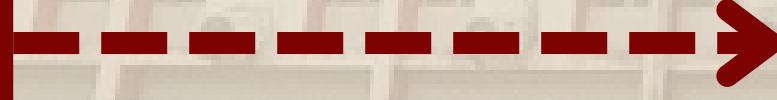## Full Time Offers

First Engagement: Jul '25 onwards ⇢ **Joining:** Jul '26 onwards

Final Semester Internship
Duration: 6 months

First Engagement: Jul '25 onwards ⇢ **Joining:** Jan '26 onwards

Summer Internship (For 1st year)
Duration: 2 months

First Engagement: Sep '25 onwards ⇢ **Joining:** May '26 onwards

Availabilty Matrix*

Recruitment Programmes/Courses	MS QMS	MS LIS
Full Time Placements (For 2nd year students)	Available	Available
Six-Month Internships (For 2nd year students)	Available	-
Summer Internship (For 1st year students)	Available	Available

Candidates from other programs such as Math, Ph.D., and Postdoctoral fellowships may also participate in the placement process, subject to their availability, interests and company's requirements.

Guidelines for Participating Organizations

Campus Recruitment Form (ISI-CRF 2025-26)

Final Semester Internship Form (ISI-IRF 2025-26) Internship Duration: 6 months

We warmly invite organizations to engage with us for campus recruitment and internship opportunities. To streamline the process and ensure clarity for both recruiters and students, we request the following:

- Companies interested in conducting campus recruitment are required to submit the duly filled Campus Recruitment Form (ISI-CRF). Form Link : **ISI-CRF 2025-26** or scan the QR Code on left.

- Companies offering internships (2 or 6 month internships) are required to submit the duly filled Student Internship Form. 6 Month Internship Form Link : **ISI-IRF 2025-26** or scan the QR Code on left.

- While we strive to schedule higher-paying opportunities earlier, it may not always be possible. Students may appear for another interview only if the new offer provides a significantly higher compensation than their existing offer, as per the Placement Committee's guidelines.

- Companies are requested to provide a ranked waiting list of candidates along with the final selections. This helps fill vacancies swiftly if a student accepts another offer, with timely communication to both the company and student.

- Detailed offer letters may be sent to the Convener, Placement Committee, for onward distribution to the selected students. The Convener will coordinate the collection and return of acceptance letters from students to the employer.

- Please note that campus recruitment through placement consultants or third-party agencies is not permitted.

Past Recruiters

CONTACT US

Placement Convenor :

Dr. Moutushi Chatterjee
✉ plcconv@isibang.ac.in
📞 +919477049150

- **MS QMS –** Batch of '26

Aman Prasad
✉ aman.placementrep
@isibang.ac.in
📞 +919178434247

- **MS LIS –** Batch of '26

Abhinav Sharma
✉ mlis2401@isibang.ac.in
📞 +916394865619

Other Placement Committee Members :

Dr. Shreedhar Inamdar
(Associate Dean)

Dr. M Krishnamurthy
Professor, DRTC

Dr. P. Chakraborty
Asst. Professor, SSIU

Placement Representatives :

Anmol Sinha
✉ anmol.placementrep
@isibang.ac.in
📞 +918789941911

Suhaditya Chakraborty
✉ suhaditya.placementrep
@isibang.ac.in
📞 +916266617702

Durganshi Singh
✉ mlis2403@isibang.ac.in
📞 +917568015323
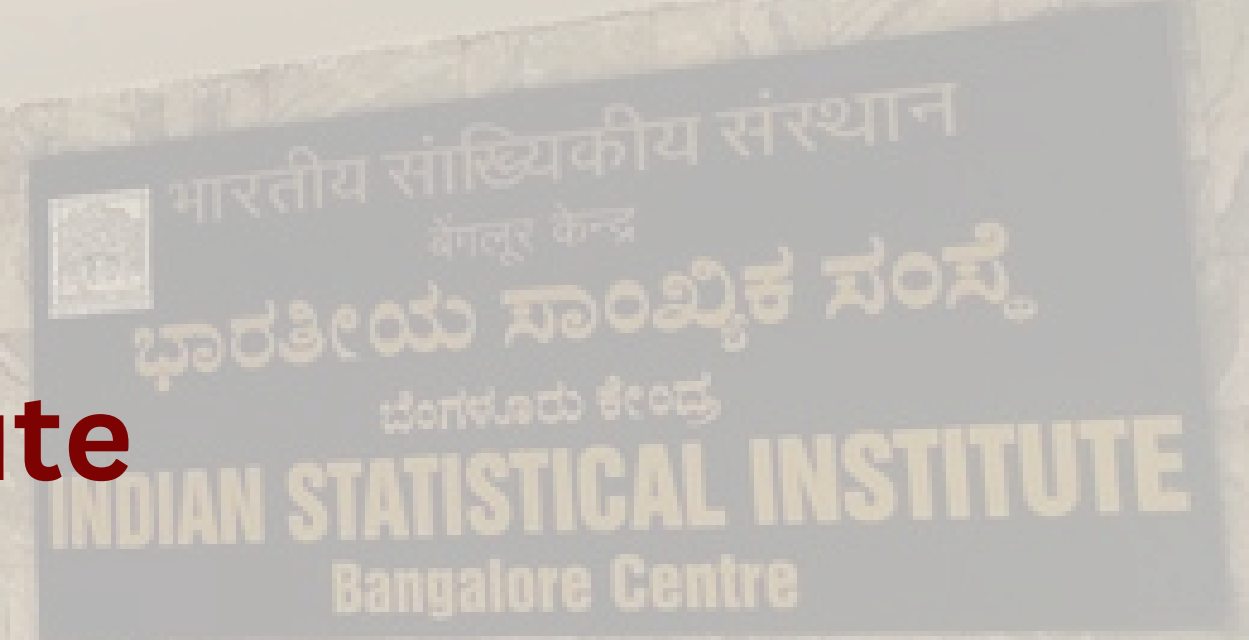
Prateek Bisen
✉ mlis2406@isibang.ac.in
📞 +916265525966

Indian Statistical Institute Bangalore

Welcomes You !