



SYMBIOSIS
STATISTICAL INSTITUTE



PLACEMENT BROCHURE

BATCH
2023-2025

SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

Established under section 3 of the UGC Act, 1956
Re-accredited by NAAC with "A++" | Awarded Category 1 - by UGC



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ABOUT SIU

Symbiosis is a distinguished family of academic institutions with a rich legacy spanning five decades, committed to delivering exceptional education. Our campuses have the privilege of hosting a diverse community of over 40,000 Indian and international students, embodying our core vision of fostering global understanding through excellence in education. With representation from more than 85 countries, our campuses serve as vibrant hubs where students from around the world engage with Indian culture and hospitality.

Symbiosis International (Deemed University) has recently received re-accreditation from NAAC, achieving a Grade 'A++' rating with a commendable CGPA of 3.58 on a four-point scale. This recognition underscores our unwavering commitment to maintaining the highest standards of academic excellence.

Founded by Prof. Dr. S.B. Mujumdar, Symbiosis is deeply rooted in the timeless wisdom of Vedic philosophy, encapsulated in the principle of "Vasudhaiva Kutumbakam" or "The World is one Family". This ethos is reflected in our vibrant community, comprising students and faculty from diverse backgrounds. Additionally, we have established meaningful partnerships with renowned universities worldwide through MOUs, fostering collaboration and facilitating exchange programs for both students and faculty members.

SIU RANKINGS



Reaccredited by NAAC with
'A++' Grade



UGC
University Grants Commission

UGC Graded Awarded
Category-I



ARIIA

Atal Ranking of Institutions on
Innovation Achievement
Ranked 10th



National Institutional Rankings
Framework 2023
32nd among Universities



Ranking 10th in India in Social
Sciences and Management

ABOUT SSI

At Symbiosis Statistical Institute (SSI), our foremost objective is to deliver exceptional education and equip our students with the necessary statistical expertise to tackle real-world challenges across interdisciplinary fields.

SSI offers a comprehensive Bachelor of Science (Hon/Hon with Research) program spanning four years, with Applied Statistics and Data Science as the major focus and Business Studies as a minor. Additionally, we provide a specialized M.Sc. program in Applied Statistics, offering concentrations in

- Data Science
- Industrial Statistics and Operations Research
- Bio-Statistics and Data Analysis
- Actuarial Statistics. Furthermore

We also offer a Ph.D. program in Statistics.

Our M.Sc. (Applied Statistics) curriculum is meticulously crafted to impart knowledge of application-oriented modules, covering advanced statistical methodologies and practices. Graduates of our programs are adeptly prepared for careers in various sectors such as Finance, Information Technology, Supply Chain Management, Retail, Pharma, and others, where skills in Predictive Analysis, Forecasting, Natural Language Processing, and Market Research are highly sought-after. Moreover, our programs open doors to opportunities in academia, research, consulting firms, non-governmental organizations, start-ups and further doctoral studies, offering a broad spectrum of career pathways for our graduates.

Visit Us At



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Tel: 020 25925163 / 020 25669310

Mobile: 7439753266

FROM THE DIRECTOR'S DESK

At Symbiosis Statistical Institute, we don't just educate; we inspire, innovate, and ignite a passion for excellence, empathy, and trust. Step into a world where knowledge meets curiosity, ethics blend with adaptability, and education transcends boundaries. Welcome to Symbiosis Statistical Institute, where we shape the leaders of tomorrow.

As the Director of Symbiosis Statistical Institute, I take immense pride in our mission to empower students with the skills and mindset to thrive in today's dynamic world of the information age. Our holistic approach to education fosters intellectual agility, critical thinking, and ethical responsibility, ensuring our graduates emerge as confident decision-makers and responsible citizens.

SSI offers a diverse range of courses meticulously designed to meet the evolving demands of the professional landscape, from advanced statistical methodologies to cutting-edge data analytics. Our programs equip students with the tools they need to succeed in their careers, promoting empathy alongside technical proficiency.



Prof. Dr. Sharvari Shukla
Director and Professor
Symbiosis Statistical Institute
Symbiosis International
(Deemed University)

PLACEMENT COMMITTEE

Student Placement Coordinators



Ankita Prakash



Swarnava Majumder



Dipti Vaidya



Eeshan Deodas



Tanusree Roy



Arpan Dey



Ankita Purohit

Connect with us



placement@ssi.edu.in



Tel: 020 25925163/ 020 25669310
Mobile: 7083563570



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COURSE STRUCTURE

SPECIALIZATIONS

- Data Science
- Industrial Statistics and Operations Research
- Bio-Statistics and Data Analysis
- Actuarial Statistics

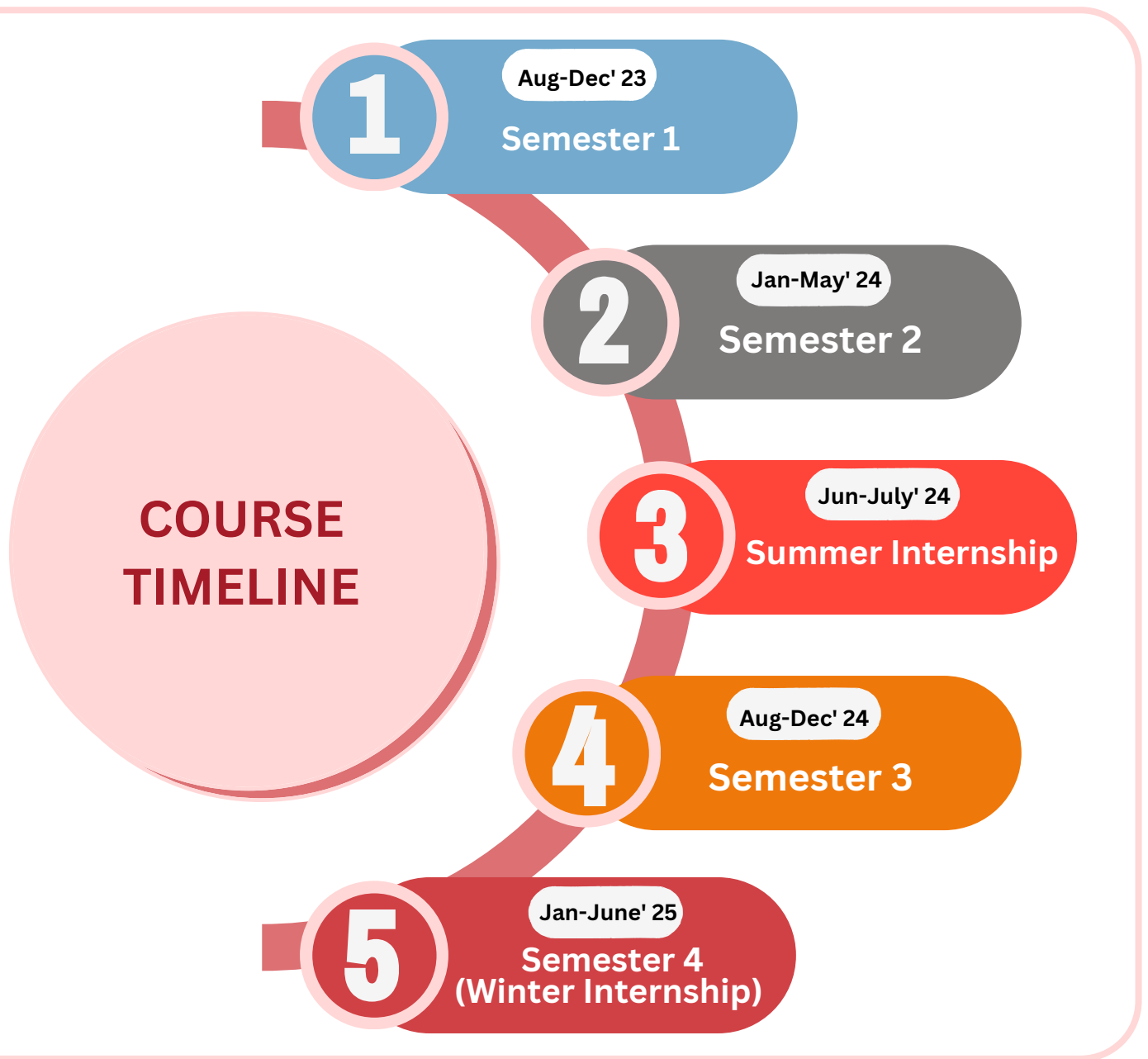
APPLIED CORE COURSES

- Statistical Computing
- Multivariate Statistics-1
- Probability Distributions
- Sampling Theory
- Probability Theory and Applications
- Stochastic Process
- Design of Experiment
- Statistical Inference
- Multivariate Statistics-2
- Time Series Analysis
- Linear Models
- Statistical Machine Learning
- Computer Intensive Statistical Methods
- Statistical Learning and Data Mining

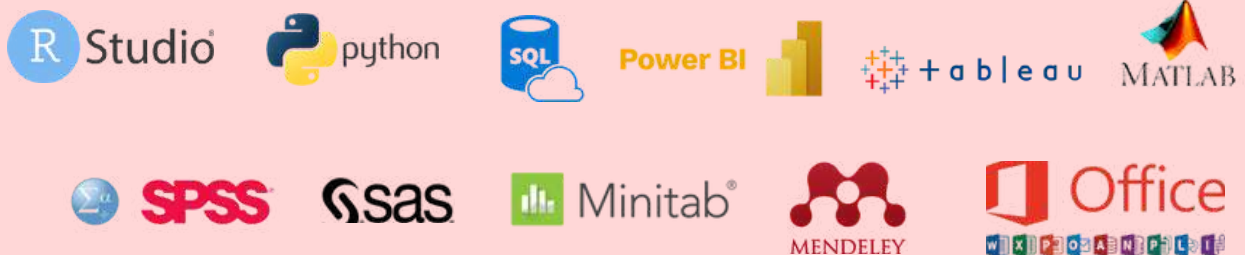
ADVANCED COURSES

- Big Data Analytics
- Base SAS Programming
- Statistical Methods for Bio-computing
- Stochastic Models in Finance
- Statistical Methods for Reliability
- Demography and Vital Statistics
- Optimization Techniques
- Statistical Methods in Microarray Data Analysis
- Analysis of Clinical Trial Data
- Statistical Methods for Quality Control
- Bayesian Inference
- Fundamentals of statistical Learning,
- Foundations of Machine Learning,
- Natural Language Processing and Generative AI,
- Deep Learning for Artificial Intelligence
- Geo-Spatial Machine Learning
- Geo-Spatial Analysis
- Statistical Simulation for Geo-Spatial data
- Healthcare Analytics
- Data sharing, Privacy and Security issues
- Data storytelling

COURSE STRUCTURE



ANALYTICAL SKILLS AND TOOLS



WHY HIRE US?

Market-driven and Industry-oriented curriculum

Our applied statistics master's program features a dynamic, industry-collaborated curriculum with practical applications and real-world case studies, regularly updated to meet evolving industry needs.

Industry Exposure

Mandatory summer internships (8-10 weeks) and winter industry projects (4-6 months) provide hands-on industry experience, preparing students for job readiness and addressing academic, research, and industry challenges.

Experimental learning

Our program emphasizes experiential learning with case studies, practical assignments, and industry collaborations, enhancing students' ability to solve real-world statistical problems.

Expertise in multiple analytical tools.

Our master's program trains students in key analytical tools like R, Python, SQL, Power BI, MATLAB, Minitab, and advanced Excel, preparing them for diverse industry assignments in data analysis, visualization, modeling, and programming

Advanced Analytics

Our program integrates advanced analytics like image processing, text mining, machine learning, simulation, and big data analysis, preparing students to drive data-driven decisions and innovation across fields.

BEST ACADEMIC INITIATIVES

INSTITUTE RESEARCH DAY

Institute Research Day features keynote speeches by prominent researchers and scholars. Students present their latest research in a preset poster format. Attendees attend the multiple tracks, interact with the presenters, ask questions and learn about the latest developments and trends in their field of interest.

STATSBUDDY

SSI collaborates with other institutes (within SIU) to help their students out with the statistical aspect of their research paper or thesis. Volunteers are briefed with the details of the ongoing thesis or research, and they provide the students with suggestions and recommendations.

SANKHYASHODH: A FORUM FOR STATISTICAL RESEARCH

SankhyaShodh is essentially a journal club where students come together to discuss and present research papers that have piqued their interest and have provided them with valuable insights for their own research work. SankhyaShodh meets are held weekly.

MAJOR EVENTS AND ACTIVITIES 2023-25

NATIONAL STATISTICS DAY

National Statistics Day at Symbiosis Statistical Institute raises awareness about the vital role of statistics by hosting esteemed speakers who share expertise on various statistical topics. The sessions inspire attendees and foster a deeper understanding of statistical concepts and applications, empowering individuals to navigate the data-driven world.

WORLD STATISTICS DAY

Symbiosis Statistical Institute hosted an event themed "Connecting the World with Data We Trust" for World Statistics Day, highlighting trust, authoritative data, innovation, and the public good in national statistical systems. Esteemed guests discussed the role of statistics in connecting the world and shared their experiences.

VIPLAV : National Science Day "Science Technology and Innovation"

Same Blood, New Veins, a two-day event featuring competitions like Quiz-O-Phile, Eureka, and Ignite, along with scientific Pictionary and Vaani open mic. Crafted by students, these events sparked curiosity, encouraged critical thinking, and explored the link between statistics and scientific inquiry, expanding participants' scientific horizons.

MAJOR EVENTS AND ACTIVITIES 2023-25

SAMYUKT : Annual Cultural Event "Unity amidst Heterogeneity"

'Samyukt' is SSI's annual cultural event during Diwali, showcasing music, dance, drama, and poetry that celebrate diverse cultures. It unifies the college community, fostering appreciation of diversity and providing a platform for students to showcase their talents and cultural identities.

INDUSTRY ON CAMPUS

Mr. Abraham Thomas, Vice President of Product Development at NielsenIQ, led a compelling session on Retail Analytics at Symbiosis Statistical Institute. He addressed the challenges of connecting production data with real-world scenarios, emphasizing the importance of AI in analysing market trends for informed decision-making, which marked a shift from traditional intuition-based approaches to data-driven strategies in retail.

INNOVATION AND IDEAS

The session began with a clear agenda: "Understanding Current News and Market Trends". The Library Committee highlighted the benefits of this approach, including gaining insights into market trends, fostering career growth, networking with industry professionals, and understanding industry challenges. With a focus on staying updated with advances in statistics, artificial intelligence, and data science, the committee aimed to provide attendees with practical knowledge for navigating their fields effectively.

PLACEMENT WORKFLOW

01

Invitation

The Placement Committee sends an email to the companies with relevant information.

02

Campus Placement Information

Companies must share information, then the placement committee schedules visits based on available slots.

03

Pre-Placement Talk

The company may organize pre-placement talks for the interested students.

04

Shortlisting

Candidates are shortlisted based on company's requirements.

05

Interview

Shortlisted candidates are interviewed by the company.

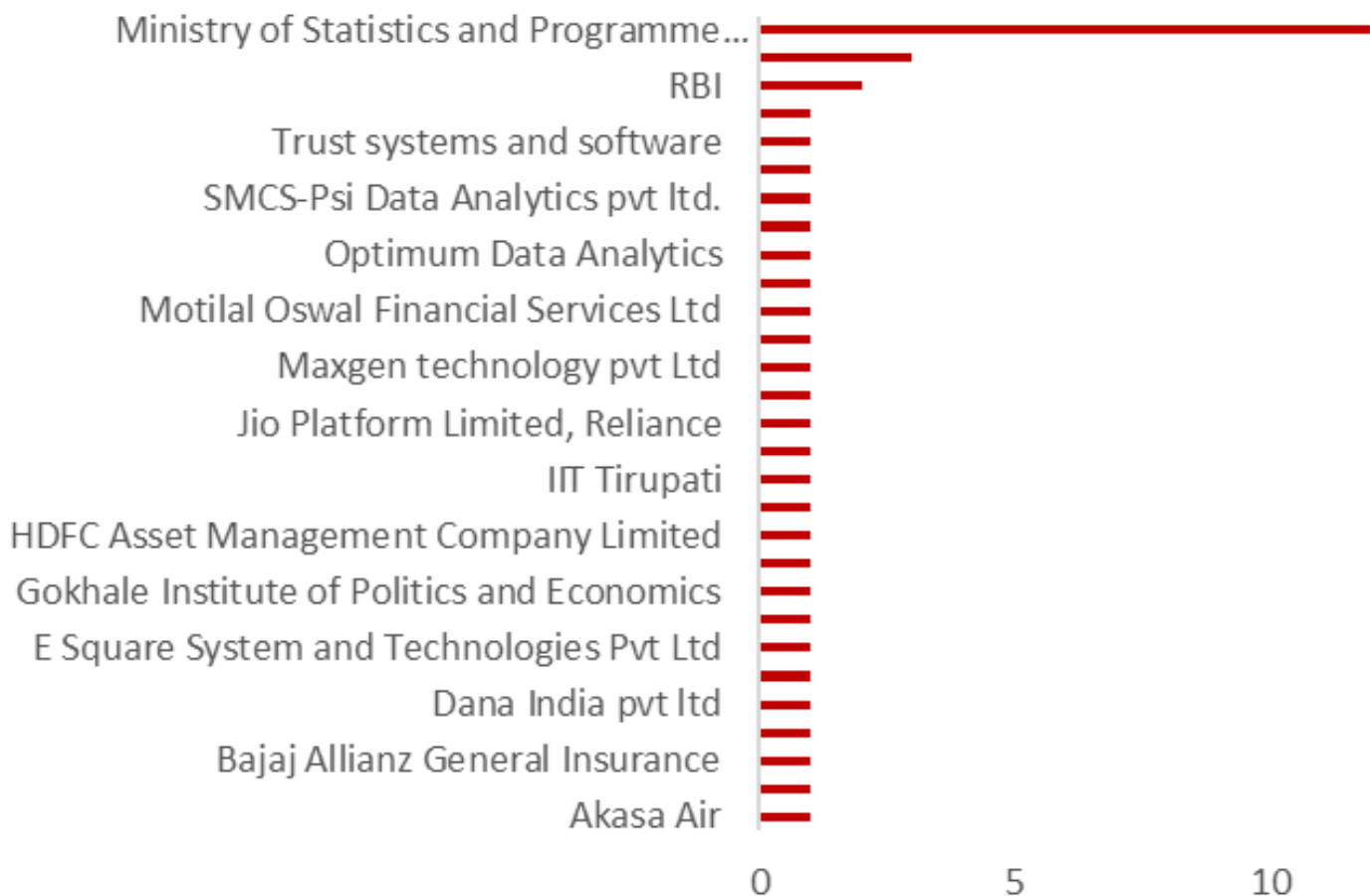
06

Final List

At the end of the procedure, the company is required to furnish the final list of selected candidates.

SUMMER INTERNSHIP REPORT

BATCH 2023-25



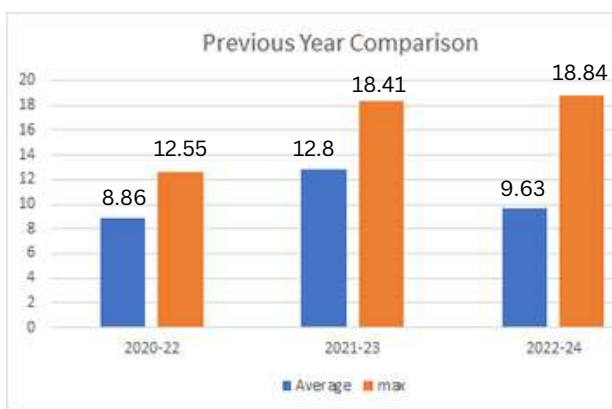
- Most of our batch's students are doing summer internships in the industrial sectors, automotive sector, bank sectors, NGOs, government sectors as well as in IITs.
- During Summer Internships, Students acquired hands-on experience in Big Data Analysis, Quantitative Analysis, Business Analysis, Credit Risk Analysis, research, Machine Learning, and many more.
- Twelve students from the batch are doing their Summer Internship at The Ministry of Statistics and Programme Implementation (MOSPI).
- Few of our students are doing their internship from Deloitte, Bosch India, Baja Alliance General Insurance, RBI, State Bank of India, Dana India Pvt Ltd, IIT Tirupati, IIT Kanpur, and so on.
- Few students are also working for NGOs such as the Swades Foundation and The Sparks Foundation.

WINTER INTERNSHIP REPORT BATCH 2022-24

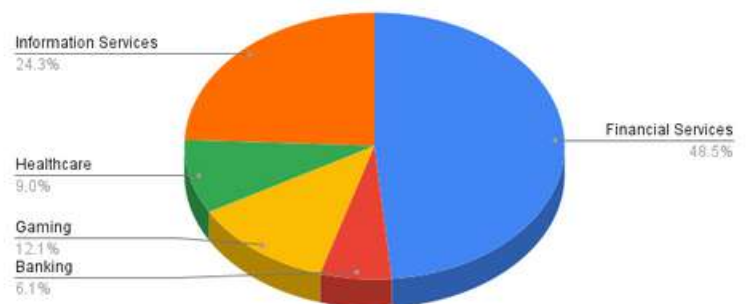
Summary

The M.Sc. (Applied Statistics) Batch of 2022-2024 continues to uphold our institute's impeccable placement record, achieving an impressive average salary of 9.63 LPA.

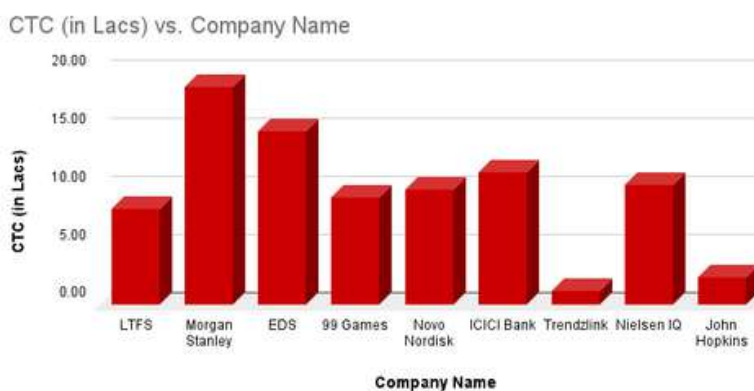
Compensation Insight (in LPA)



Sector Wise Placement

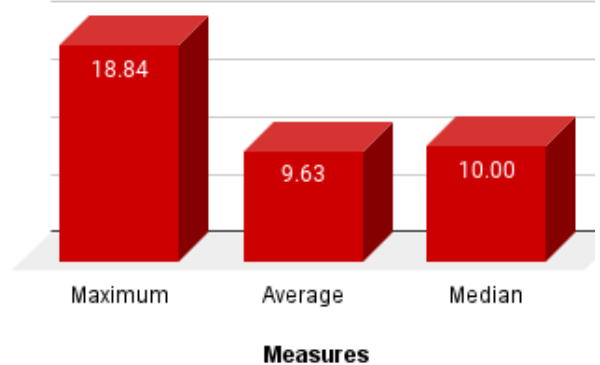


Company Wise Placement



Highlights

Summary of CTC



TESTIMONIALS



At SSI I had the privilege to meet and interact with students from diverse backgrounds, which broadened my perspective and enriched my overall learning experience. The curriculum enables students to think critically and creatively. The emphasis on practical learning through internships, research projects, and industry collaborations was instrumental in preparing me for the real world.

Aparna Biswas,
Associate Quant Analyst, Morgan Stanley

SSI has been a life-changing experience, shaping my character, broadening my knowledge, and refining my communication skills. I am grateful to learn from accomplished faculty members who have imparted invaluable expertise. Participating in extracurricular activities has further enriched my educational journey. The Director's unwavering support and organization of industry sessions have paved the way for promising career prospects. SSI's industry-aligned curriculum has equipped me with practical skills, seamlessly preparing me for the professional world.



Abhishek Saraswat,
Business Analyst Intern, Amazon



SSI has been a ray of light in enriching my overall personality with the help of professionally crafted and industry focused curriculum, eminent faculty and exposure of cocurricular activities. Forever grateful to serve as Placement Coordinator which helped in honing my time management skills and business communication abilities.

Barnali Das,
Associate Data Scientist, Nielsen IQ

TESTIMONIALS

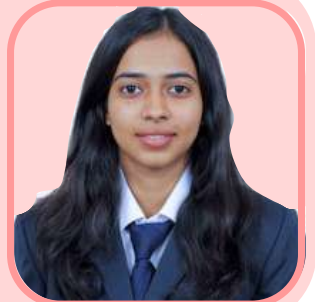


My journey at SSI was an eye-opener. Entering the institute as a young graduate with limited exposure to getting placed, the learning curve was exponential. The academic curriculum at SSI gives a perfect blend of theoretical and practical exposure to students for kick-starting their career.

Bindu Shivani J,
Data Science Intern, Tata Communications

SSI has profoundly impacted my personal and professional development. The institute's well-structured curriculum combined with hands-on training has thoroughly prepared me for my professional career. The mentorship and support received from faculty has been invaluable.

R Prashanthi,
Spring Analyst Intern, Morgan Stanley



Under the guidance of the Director of Institute, I received many opportunities to use my statistical and analytical skills in the real world scenario.

Abhishek Tiwari
Data Scientist, LSEG

TESTIMONIALS



My time at SSI has been incredibly enriching and transformative. The hands-on learning approach and the emphasis on practical skills in statistical coding and data modelling, along with the several training sessions conducted for knowledge enhancement and the interactive workshops have prepared me well for the challenges in the industry.

**Shriraksha Kalluraya,
Business Analyst Trainee, Valtitude**

SSI has been a great learning experience where the institute has helped me nurture my knowledge and develop my overall personality.

**Adori Medhi,
Business Analyst, Amazon**



I am highly obliged to Symbiosis Statistical Institute (SSI) for the experience I have gained from the extra-curricular activities here. SSI makes you ready for a work environment through internships that are embedded in its curriculum. Moreover, I have learnt to fulfil my responsibilities with aplomb.

**Ajo Jacob,
Analyst, IQVIA**

OUR COLLABORATORS

Morgan Stanley  **TATA** COMMUNICATIONS  **ICICI Bank**



BATCH DETAILS

Batch Size

91

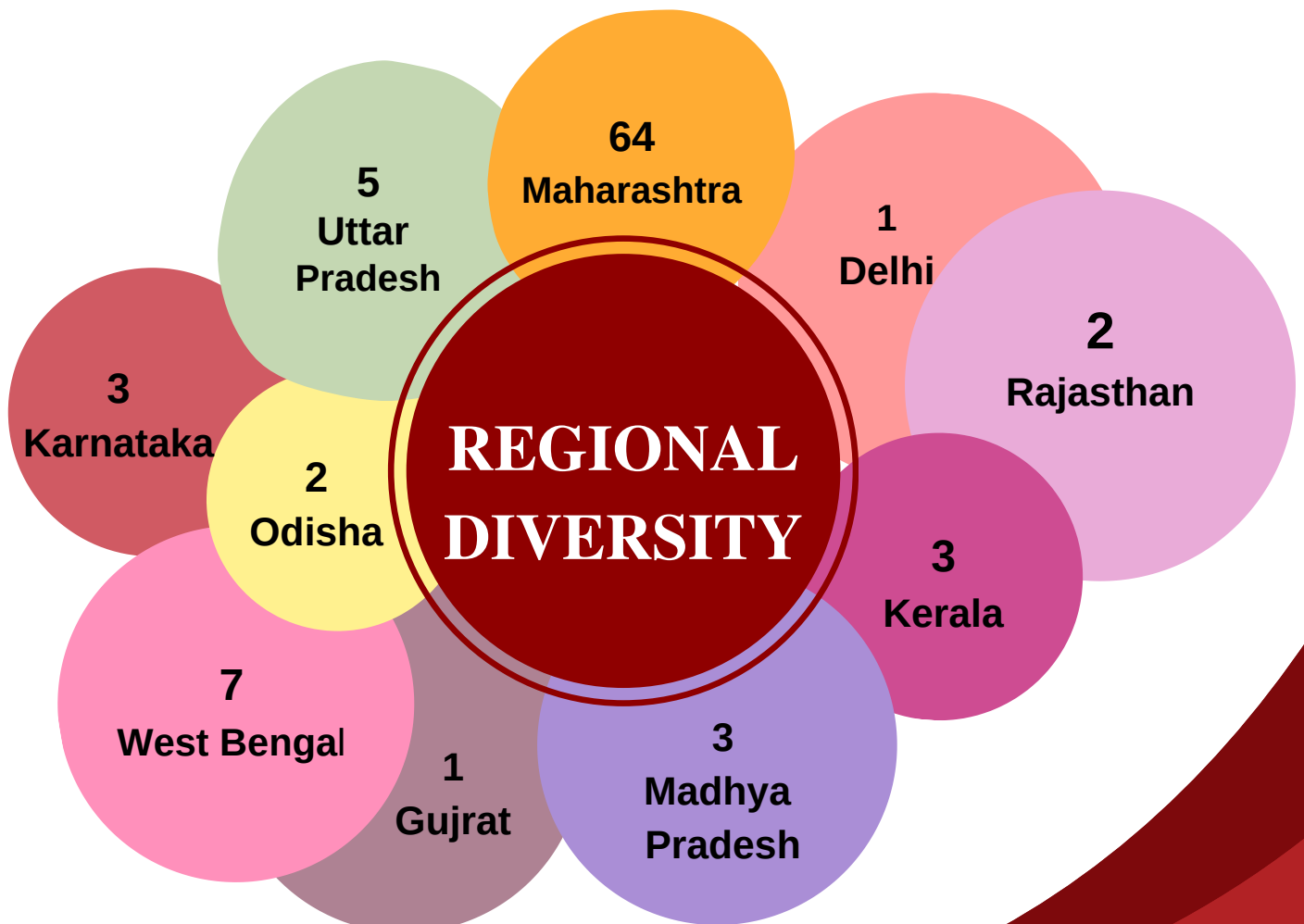
Gender Ratio



31 Males



60 Females



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