

# **SYMBIOSIS SCHOOL OF ECONOMICS**

Senapati Bapat Road, Pune - 411004 Tel .: (020) 25672520, 25675406, 25925249



# SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY) (Established under Section 3 of the UGC Act, 1956) | Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

# M.Sc.

LACEMEN



2023 2024

**Developing Future Thought Leaders** 



# SYMBIOSIS SCHOOL OF ECONOMICS

VISION

Promoting International understanding through quality education

# MISSION

- To inculcate spirit of 'Vasudhaiva Kutumbakam' (the world is one family)
- To contribute towards knowledge generation and dissemination
- To promote ethical and value-based learning
- To foster the spirit of national development
- To inculcate cross cultural sensitization
- To develop global competencies amongst students
- To nurture creativity and encourage entrepreneurship
- To enhance employability and contribute to human resource development
- To promote health and wellness amongst students, staff and community
- To instil sensitivity amongst the youth towards the community and environment
- To produce thought provoking leaders for the society

# **ABOUT SSE**



Symbiosis School of Economics (SSE) established in 2008, is an integral part of the Symbiosis International University, which has been recently re-accredited by NAAC with Grade 'A' and CGPA of 3.58 on a four-point scale. With more than four decades of contribution in the field of education, research, and development, Symbiosis has established itself as an undisputed brand imparting quality resources in the society. Symbiosis School of Economics seeks to develop intellectual discipline, critical thinking and analytical assessment ultimately resulting in rational thinking with knowledge of the current climate. It strives for an educational environment committed to excellence and academic freedom.

Symbiosis School of Economics offers graduate and postgraduate programs in economics. The course content is rigorous with a descriptive and investigative approach to connect students with all aspects of economic areas, focusing on micro, macro and global paradigms. Our endeavor is to develop intellectual and professional competencies among students who will be equipped with skills to include innovation and pragmatism into problem solving. The curricula prepare students for Research Methodology. With the evolving scope for creativity, originality and student initiatives, Symbiosis School of Economics provides a fulfilling journey of academic pursuits to its students.



# From the Director's Desk



Dear Recruiters,

It gives me immense pleasure to introduce to you the graduating M.Sc. Economics batch of 2024!

We began our journey with the Master's programme in 2011 with two specializations. Today we have four specializations and an alumni strength of more than 500. I am happy to share that we are introducing Data Analytics as a specialization next year.

We at SSE are confident that we leave the Symbiosis stamp of quality education on all our students. This is an outcome of the efforts of our young, talented and dynamic faculty members who are the backbone of our institute. The ever evolving and well-structured curriculum which is explained with the help of innovative pedagogy, provides the students with an education that empowers them with knowledge, familiarizes them with analytical skills and encourages them to be creative, adaptable and result oriented. The course is demanding and requires students to be disciplined while providing plenty of scope for creativity, originality and student initiatives.

The students are also sensitized to different cultures as they are drawn from not only various parts of India but also the world. We believe that our graduates will be pragmatic professionals, critical analysts, competent decision scientists and policymakers while also being sensitive human beings. They will most certainly be capable of providing an integrated framework to various economic, business and financial challenges facing the 21st century.

It is my privilege to invite you to participate in SSE's Campus Recruitment. We look forward to a mutually beneficial, and long-term collaborative relationship.

Warm Regards,

### Prof. Jyoti Chandiramani

Director, Symbiosis School of Economics

# **PROGRAM HIGHLIGHTS**



At Symbiosis School of Economics, the integration of research, academics, relevant opportunities, extracurricular activities, skill development programs, as well as internationalization and enhanced engagement into the course creates a unique program that provides the students with the right skills. The well-designed course structure has an ever-evolving curriculum which includes continuous assessments in the form of term papers and reports. Specifically, the Research Methodology course teaches students the applications of various qualitative and quantitative research methods. Pedagogy of the program is diverse and also includes classroom discussions, field visits, guest lectures, seminars, workshops, assignments, as well as internships.



Centre for Academic Writing and Centre for Quantitative Learning and Applications support the faculty and student research at Symbiosis School of Economics. An annual journal: Oeconomica Scriptis, which is a compilation of outstanding academic writing, is published. Centre for Quantitative Learning and Applications facilitates advanced level data analysis and statistical software training for the students. Softwares such as SPSS, STATA, R and other statistical and econometric softwares are part of our curriculum. Faculty research delves into various fields. Students are encouraged to assist the faculty for their own learning and research experience. Focal areas of research include:



#### 1. Urban Studies:

SSE looks forward to starting an Urban Development center with a focused approach towards urban issues, which provides the necessary leverage to implement strategic intervention, test its efficacy and re-orient its future responses through outcome evaluation.

#### 2. International Studies & Trade:

At SSE, the theory and practice of International Trade and of trade related policies are learnt that focuses on analyzing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalizing foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies.

### 3. Behavioural & Experimental Economics:

At SSE we have been working closely with corporate organizations to approach challenges in the HR and Marketing spaces using behavioral economics. This research in experimental economics is aimed towards examining how various aspects of identity and institution influence decision making by conducting experiments and applying econometric analysis.

### 4. Development Studies:

Development studies is a multidisciplinary course that focuses on the evolution of nations from political, cultural, geographical, and socio- economic perspectives. At SSE, the focus is about understanding the current political landscape by examining their origins, which then enables academics, politicians, and world charity organizations to make better plans for the future.

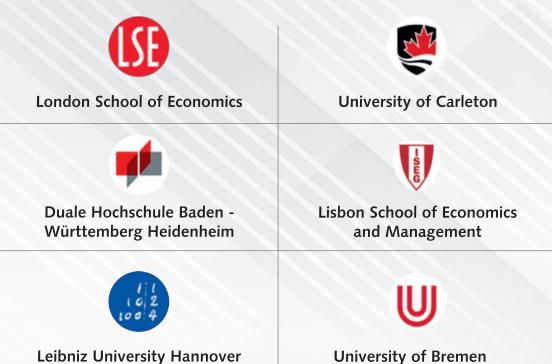
#### 5. Financial Economics:

At SSE, students are trained with profound, comprehensive and industry relevant knowledge of financial economics with quantitative and qualitative methods. Students are equipped with understanding investment decisions, identifying risks and valuing securities and assets.

# **INTERNATIONALIZATION & ENHANCED ENGAGEMENT**



The courses at Symbiosis School of Economics are benchmarked with the leading international universities. Students here receive immense exposure while participating in the semester exchange programmes with the most premium universities. This dimension of the courses prepares students for further studies at leading Indian and foreign universities and makes them globally employable.





#### Berlin School of Economics and Law





Symbiosis School of Economics is actively engaged in building strong relationships with regional, national and international academic institutions as well as research organizations. We have collaborated with RIS, New Delhi; NABARD Mumbai, Bengaluru; Avantha foundation, Pune to name a few.

### **GOVERNMENT RESEARCH PROJECTS SINCE 2018**

Rural Development infrastructure Index: including Physical, Social and Institutional Dimension

Funded by National Bank for Agriculture and Rural Development (NABARD)

> Impact study of Tribal Development at Junnar District

Funded by National Bank for Agriculture and Rural Development (NABARD) Sustainable Development Goals for Rural Maharashtra 2030 : Achievements & Constraints

Funded by National Bank for Agriculture and Rural Development (NABARD)

> Impact Evaluation Study on Long-term Refinance flowing to Self Help Groups (SHGs)

Funded by National Bank for Agriculture and Rural Development (NABARD) Primary Health Care Services in Urban India: Assessment of the Governance, Institutional and Financing Challenges

Funded by UNICEF - National Institute of Urban Affairs (NIUA)

Impact Evaluation of Credit Utilisation and Outcome of Micro, Small and Medium Enterprises (MSMEs): A Study of Select States of India

Funded by National Bank for Agriculture and Rural Development (NABARD)

### **NON-GOVERNMENT RESEARCH PROJECTS SINCE 2018**

Research Assistance in

support to the Research

Project between

Macquarie and Symbiosis

School of Economics

Macquarie University

Funded by

Urban Mobility Transformation Services Pvt. Ltd.

Funded by Institute for Transport Development Policy (MDP)

Need assessment of the CSR initiatives needed in each school for enhancement of existing

Funded by Shyamchi Aai Foundation, Pune Agricultural markets, marketing channels and choices in Bihar and Odisha

Funded by International Food Policy Research Institute (IFPRI)

narkets, Engaging with annels Maharashtra's n Bihar Smart Cities

> Funded by Symbiosis School of Economics

An economic analysis of

post-harvest losses

of onion and tomatoes

in Maharashtra, India

AAEA (Agricultural & Applied

e AAEA Executive Board

**Economics Association)** 

Trust Committee and

A Study of Governance and Livability of the Census Towns in Pune, Maharashtra

Funded by Symbiosis International (Deemed University) Economic Corridors,
South-South and
Triangular Cooperation
and Post COVID-19
Recovery

Funded by UN Office for South-South Cooperation (UNOSSC)

> Goa Governance Index

Funded by Symbiosis School of Economics with Knowledge Partner Sulochana Thopar Foudation - Probno

Pune Police Perception Survey

Funded by Symbiosis International (Deemed University) Financial Inclusion and its Impact on Development: A District Level Study of Maharashtra

Funded by Symbiosis International (Deemed University) Minor Research Project

# **COURSE OVERVIEW**



The M.Sc. Economics program follows an interdisciplinary curriculum, which seeks to develop intellectual discipline, critical and analytical thinking among our students. A rigorous and relevant curriculum catering to the needs of the dynamic nature of the global market ensures overall growth of our students. With a batch of students from diverse academic backgrounds, the exposure to a broad set of ideas, innovations and iterations is guaranteed through their academic journey. Students are evaluated based on various assessments in the form of projects, term papers and research papers. They are also encouraged to write dissertations and aim for research publication. The course along with the knowledge ethic imbibed at Symbiosis School of Economics, prepares our students to take on the leadership roles in their preferred fields.

### Mathematical Economics

- Advanced Microeconomics I
- Advanced Macroeconomics I
- Advanced Econometrics I
- Research Methodology and Software Package I
- Public Economics

### **FIRST YEAR**

During the first year of the program the students are given an understanding about the basics of Economics, including the training in the application and quantitative based subjects like Mathematical Economics and Econometrics analysis. Our students garner a deeper level understanding of the issues related to the trade and economy overall. During the first year, a broader sense of understanding about the fundamentals of economics is introduced through subjects like Microeconomics, Macroeconomics, and Growth and Development. Along with the theoretical and quantitative packed subjects, we train them in the Research Methodologies through various courses, assignments and applications. Our rigorous framework involving the theoretical, quantitative, and practical understanding of the subjects makes our students a better fit in any field they choose to contribute towards in the future.

# SEMESTER 2

- Growth and Development
- Advanced Microeconomics II
- Advanced Macroeconomics II
- Advanced Econometrics II
- Research Methodology and Software Package II





# FINAL YEAR SPECIALIZATIONS

### M.Sc. ECONOMICS - INTERNATIONAL TRADE

This course deals with the theory and practice of International Trade and of trade-related policies. It focuses on analysing the gains from trade, the changing patterns of trade, the income distributional consequences of liberalizing foreign trade, the relationship between trade, investment, and economic growth, and the reasons for and consequences of trade policies. The course relies predominantly on a standard collection of international trade models to understand the motivations behind modern trade policies. Motives for countries or organizations to restrict or regulate international trade are analyzed and effects of such policies are studied. Although, the course emphasizes on the understanding of past and current events in the world economy, formal economic modelling is replied upon to help understand these events.

# SEMESTER 3

- Pure Theory of Trade
- International Trade Policy
- Open Macroeconomics
- International Political Economy and Trade

# EMESTER 4

- Multinational Trade: Procedures and Laws
- International Organizations and Regional Cooperation in Trade
- International Capital Market and Finance
- Trade Finance

### M.Sc. ECONOMICS - DEVELOPMENT STUDIES

Development studies is a multidisciplinary subject that focuses on the evolution of nations from political, cultural, geographical, and socio-economic perspectives. It emerged as an academic discipline during the late part of the 20th century amid growing concerns over third world economies struggling to establish themselves in the postcolonial era. Development studies is about understanding the current political landscape by examining their origins, which then enables academics, politicians, and world charity organizations to make better plans for the future. The primary focus of developmental studies is to study the improvement in people's lives. It gives insight into developmental theory, understanding of the structural issues and questions of development.

# EMESTER 3

- Markets and Institutional Framework of Development
- Behavioral and Experimental Economics
- Urban Economic Development
- Development Experience

# SEMESTER 4

- Theories and Models of Development and Distribution
- Rural Development
- Human Development
- Trade, Aid and Development



### M.Sc. ECONOMICS - URBAN DEVELOPMENT

Largely considered as a technical field of study involving construction and design of urban spaces, Urban Development takes into account the critical economic and socio-economic factors. The course is interdisciplinary in its approach and students are exposed to technically grounded subjects like Geographic Information System (GIS), importance of financial management and governance at Urban Local Bodies, energy, water and sanitation resources in the country and the need to curb urban poverty. Understanding the spread of land in urban areas and planning urban spaces appropriately is the key focus of the course.

# ESTER 3

- Urban Governance
- Urban Demography
- Urban Land Economics
- Urban Planning and Development
- GIS & Problem solving in
- Urban India Context
- Urban Finance

# and Sustai Urban Dev

- Urban Poverty, Migration and Sustainable Livelihoods
- Urban Development Experiences
- Urban Mobility
- Urban Energy and Environment
- Urban Solid Waste Management
- Urban Water and Sanitation

### M.Sc. ECONOMICS - FINANCE

Economics with financial knowledge provides a set of skills with an overall understanding of the market. Our students are equipped with the concepts and training that serve the financial world for the long term. With the solid foundation in core economics built in the first two semesters, this specialization provides the students with in-depth knowledge of the financial sphere. Students gain in depth knowledge of finance by learning about extensive courses in corporate finance, financial markets, risk, investments, financial modeling, and other applied courses. The specialization provides meticulous practical training that increases the adaptability of our students in the actual world.

# SEMESTER 3

- Security Analysis and Portfolio Management
- Financial Economics
- Derivatives Markets
- Financial Modelling

# MESTER 4

- International Capital Market and Finance
- Financial Risk Management
- Actuarial Economics
- Behavioral Finance
- Corporate Finance



# STUDENT'S EDUCATIONAL BACKGROUND

### M.SC. ECONOMICS - DATA ANALYTICS (AY 2024-25)

Data Science has become an indispensable part of almost all businesses and industries. The emergence of disruptive technologies like digital media, artificial intelligence and block chain have ushered in an era where Data Analytics have become central to the success of any organisation. Consequently, the demand for Data Scientists has surged sky high in the last five years all over the world. So, what the world requires today is a supply of qualified professionals who have strong foundations in Data Science and Machine Learning. Looking at the market demand and industry requirement, our curriculum for Master of Science in Data Analytics program combines core courses of Economics with real-world data-based courses. The Program will empower students to analyse big unstructured datasets, extract meaningful, relevant and actionable insights in order to solve practical problems.

### Big Data Analytics

- Python for Data Science
- Data Analysis and Visualization
- Data Mining

m

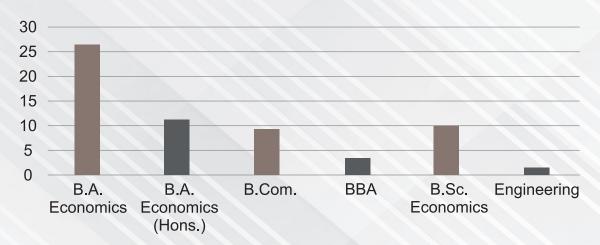
- Financial Analytics
- Exploratory Data Analysis Lab
- Maths for Data Science



# STUDENT'S EDUCATIONAL BACKGROUND



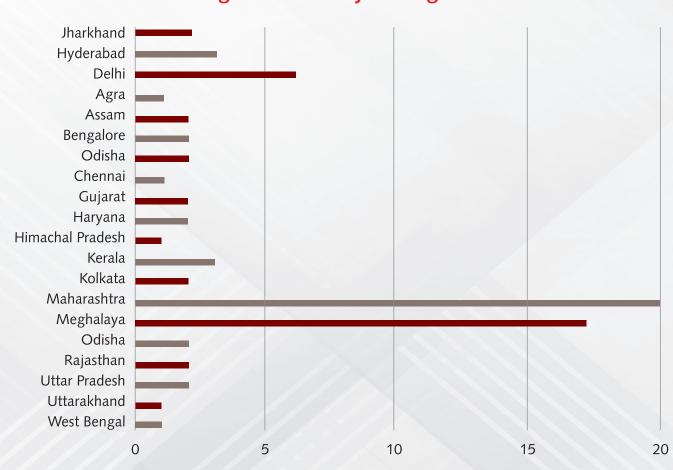
# **Educational Background**



## **Gender Ratio**



# Regional diversity among students







# **INTERNSHIP**

- IIM Indore
- Reserve Bank of India
- IIM Calicut
- SEWA
- Research Information Systems
- NABARD
- NITI Aayog
- National Stock Exchange
- CITIIS
- National Institute of Urban Affairs
- Ministry of Finance
- ONGC
- KPMG
- IGIDR
- Indian Women Scientists Association
- Council for Social Development Delhi
- Ministry of Electronics
- Consumer Utility and Trust Society (CUTS) International
- India EXIM Bank
- IDBI Bank
- Centre of Policy Research and Governance

- Institute for Social and Economic Change (ISEC)
- B&B Advisory
- Steel Authority of India Ltd. (SAIL)
- JNU
- CTIER
- Centre for Environment Efficiency
- TISS
- Finvolve
- Indian Oil Corporation
- IFFCO
- AERC Gujarat
- Indian Overseas Bank
- FIMMDA
- Gokhale Institute of Economics
- Hero Corporation
- NAARM
- ICICI Prudential Life Insurance
- QuantEco
- SBI Capital Markets
- Symbiosis School of Economics



# **PLACEMENTS**





### **Analytics**

- SG Analytics
- ACIES Consulting
- AC Nielsen
- Bristlecone
- OSG Analytics

- ZS Associate
- Zocdoc
- Vodafone
- Zipdial
- Galytix

- Grofers
- Integreon
- Glencorecs
- IAMAI



**Market Research** 

AIFI

- Cuts International
- Markets and Markets

Global Market Estimates

- Stantec Research
- CMIE

- The Economist
- CTIER
- Marketnomix
- IMRB International
- ValueNotes

- Kantar
- Expert Insight
- PlanetSpark
- Ken Research
- GME



**Banking & Finance** 

- Citi
- Kotak Mahindra
- Morgan Stanley
- Kingfish Group
- TresVista
- D.E. Shaw
- Deloitte
- EY
- Financial Technologies
- Capital Line
- SSP Ltd.
- CapitalAim



## **Development Sector**

- Public Affairs Centre
- India Migration Now
- Haqdarshak
- Hyderabad Urban Lab

- IIHS
- J-Pal
- RIS



## **Academic Institutions** & Think Tanks

- IIM A
- ISEC
- SIU

- IIT B
- NIPFP
- IRMA
- Retailer Association of India (RAI)
- Quality Council of India (QCI)

- Ministry of Finance
- IIT Madras
- RAI
- TISS
- IIHS



# ANNUAL EVENTS

### **Flagship Event EOTY**

SSE organizes its annual flagship competition named Economist of the Year. This is a platform offered to students across the country to showcase their skills in a stimulating array of events. With each passing year, the competition gets stiffer, testing students on several attributes such as analytical abilities, critical thinking, research aptitude, and general knowledge.

### Suresh Tendulkar Memorial Lectures

This is a lecture series hosted by SSE over the years attracting distinguished economists who have elucidated on the various paradigms of poverty - a relevant theme given the late Professor Tendulkar's extensive work in that field. The prominent speaker of the session, Dr. Kaushik Basu, gave a talk on "The Indian Drama: Thirty Years of Economic Reform and What Lies Ahead". Dr. Basu is a Chief Economist with the World Bank, presently the Carl Marks Professor of International Studies and Economics at Cornell University. He served as the Chief Economic Adviser to the Government of India. He has received honorary doctorates from several institutes and universities, including IIT Bombay, Fordham University, New York, and the University of Bath, U.K. He is published widely in the areas of Development Economics, Industrial Organization, Game Theory, and Welfare Economics. In May 2008, he was awarded one of India's highest civilian awards, the Padma Bhushan.



# WHY RECRUIT US?



#### Future Leaders and Thinkers

Our students are well equipped with the knowledge and skills to take on the challenges of the work field. The curriculum focusing on research and practical learning methods prepares our students to be research-oriented. Our students are associated with many think-tanks, including the European Horizon. In-house club activities headed by the student body are heavily engaging, and the participation instills confidence in the abilities of students. A mix of students with extremely diversified sociocultural backgrounds trains them for a global career workspace and trains them to work in a cohesive environment.

### Pedagogy at SSE

With a rigorous curriculum, we believe in offering the opportunity to learn, keeping the cohesion of varied ideas and interests in mind. Students undergo rigorous training in the core quantitative subjects, especially Mathematical Economics and Econometrics, along with an emphasis on learning in conjunction with Macroeconomics and Microeconomics at the general level, which makes our students a better fit to apply their knowledge to any key decision. Our students go under rigorous assessments and evaluation components at every level, thereby ensuring trained minds perform well across all disciplines effectively and efficiently. The students are offered guidance from our well-trained, qualified, and published faculties, who are also actively involved in the process of research and publication.

### Adaptive capacity to New Normal

With the hybrid form of education and training becoming more relevant owing to the pandemic situation, our students have embraced the change in the existing paradigm enthusiastically. They are now well equipped to work in the frame of new normal and are well prepared to take on the challenges of the future. Taking advantage of various online learning platforms like Coursera and DataCamp, along with the online classes, they are constantly upgrading their skills and are adept to work remotely in various areas.





### Internships and Training program

Mandatory requirement for internships allows our students to get experienced in the working environment according to their interests. The internships are awarded from the leading companies and organizations coming from various fields, including the PSUs and coveted research-oriented institutes. This ensures that the students are industry-ready. Also, various workshops such as Python Programming workshop, NSE training webinar, CV writing and reviewing, Mock Interviews for Practice sessions, Grooming Business Etiquette sessions, Business Communication Skill development other than that Aptitude Test Solving Sessions. This all has helped students to have an all-round development for being industry ready.

### Skills Acquired

With a varied number of academic courses, we also have focused on additional skill set development of students by organizing workshops, engaging them in group activities for building their Communication skills, Data Interpretation and Analysis skills, Data Visualization, Research writing, Academic writing, Presentation skills as well as Logical and Critical thinking skills.







# Placement Team

### **Faculty In Charge**

Dr. Ashlesha Khedekar ashlesha.khedekar@sse.ac.in

**Dr. Deepa Gupta** deepa.gupta@sse.ac.in

### **Student Placement Members**

Khushi Hinduja- khushi.hinduja.2022@sse.ac.in

Aishwarya Ghosh - aishwariya.ghosh.2022@sse.ac.in

Gauri Gaur- gauri.gaur.2022@sse.ac.in

Khushi Vakharia- khushi.vakharia.2022@sse.ac.in

Reet Raj- reet.raj.2022@sse.ac.in

Elin Rose- elin.rose.2022@sse.ac.in

Ramita Gogia - ramita.gogia.2022@sse.ac.in

### Connect with us at

E-mail - placements@sse.ac.in

LinkedIn- https://www.linkedin.com/school/symbiosis-school-of-economics/



### SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY)

(Established under Section 3 of the UGC Act, 1956) | Re-accredited by NAAC with 'A++' Grade | Awarded Category - I by UGC

Senapati Bapat Road, Pune - 411004 Tel .: (020) 25672520, 25675406, 25925249

**Tel:** (020) 2567 2520, 2565 2444

Fax: (020) 2567 5406 E-mail: info@sse.ac.in Website: www.sse.ac.in