

## **Introducing Symbiosis School of Economics**

Symbiosis is a family of 48 academic institutions, imparting quality education for over 45 years. Symbiosis International University ([www.siu.edu.in](http://www.siu.edu.in)), founded in 2002, currently hosts over 34,000 Indian and International students on campus. SSE was founded in 2008 and is an integral part of SIU. SSE is a bright, young, vigorous and growing institute, with a demonstrable record of success. This niche institute seeks to develop intellectual discipline, critical and analytical assessment, which will result in rational thinking, along with an understanding of the need for constrained optimization, and a strong urge to strive towards achieving equilibrium. We at SSE, achieve these goals in an educational environment committed to excellence and academic freedom.

### **SSE offers Graduate, Post Graduate and Diploma Programmes**

Higher education is critical to successful economic development and quality of life. SSE offers graduate and postgraduate programs in Economics, within which, students develop the intellectual and professional competencies for successful life and work. The course content is rigorous and the approach is descriptive as well as investigative; it connects the students with every aspect of economic life through various facets – the micro, the macro, and the global setups. It is our endeavor to create a class of students who will be capable of including innovations and pragmatism into problem-solving in these very spheres. With its interdisciplinary nature, the curricula prepare students for careers in banks, financial institutions, media and communication, Government, academia and so on. Despite the demanding environment, there is ample scope for creativity, originality, and social initiatives. It is a journey of academic pursuits, which will be ever evolving including different perspectives from varied stakeholders, making our courses increasingly relevant and meaningful.

## **About the Director**

Prof. Jyoti Chandiramani has more than 30 years of experience in teaching and research. She is presently the Director of Symbiosis School of Economics and the Dean Faculty of Humanities and Social Sciences at the Symbiosis International University, Pune, India. She teaches Urban Economic Development, Trade, Aid & Development, and International Organization and Regional Cooperation at the Postgraduate level. Prof Jyoti has been steering the school towards creating courses in urban development, with the objective of encouraging students towards this area of study and research. Besides writing a couple of textbooks, she has jointly edited a book with Ramanath Jha on 'Perspectives in Urban Development: Issues in Infrastructure, Planning, and Governance.' Her areas of research interest include Urban Infrastructure, Urban Transport, Urban Poverty, and she is presently working on Pune-centric cases. Besides, she keenly studies and follows the academic trends in International Development Cooperation – from the MDGs to the SDGs. In 2007, Prof Jyoti Chandiramani was awarded a short-term scholarship at the University of DePauw, Indianapolis –to study Liberal Arts Education. In 2013, she was a part of the Indian delegation to Pakistan (Lahore) for the Tenth South Asian Economic Students Meet (SAESM) and to the 5th ASEM Rectors' Conference as a Mentor for the Students' Forum (ARC5, organized by Charles University in Prague, and the Asia-Europe Foundation (ASEF).

### **Our Strengths**

1. Enabling the students to understand and conduct strong analytical and statistical modelling
2. Training of Software skills: Stata, R, E-Views STATA, etc.
3. Faculties having strong theoretical and practical knowledge of statistical techniques
4. The mode of teaching is adaptive and innovative.
5. The learning process helps the students to build good communication skills
6. Placement cell assists students with career options and guidance
7. The environment is encouraging and assists the students to take up higher studies in renowned Indian and Foreign universities
8. Flexibility to attend and audit other courses offered wherein, the students can get certificates for them after completing designated classroom interface



## **Symbiosis School of Economics**

### **Offers**

**One year  
Diploma Programme  
in  
Quantitative Economics  
(DQE)**

### **For further details please contact**

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# Symbiosis School of Economics

Offers

## Diploma in Quantitative Economics (DQE)

SSE offers the Diploma in Quantitative Economics through the Centre for Quantitative Learning and Applications (CQLA) at SSE.

The CQLA has been set up to provide a platform to the leading researchers and practitioners to interchange ideas and knowledge to support quantitative research in the discipline of social sciences and management.

The Centre supports researchers with advanced-level training within the analytical and quantitative disciplines of economics, econometrics, finance and accounting.

The Centre facilitates advanced level data analysis and statistical software training (R, STATA, SPSS) and other statistical and econometric software) for the students and researchers to enhance their analytical capability.

Needless to mention, that the Quantitative Economics course is designed to give students a good understanding of the rationale and intuition about the application of statistical methods to economic issues, such as income inequality, the economic effects of education, or the behavior of inflation.

### Aims and Objectives of DQE

- To provide a deeper insight into the world of analytics by empowering the students with the tools and techniques related to econometrics.
- The course is more application oriented, thus students opting for the DQE gets a hand on training before they apply for jobs.
- To help students become more employable – with respect to research, academia, consultancy, think-tanks.
- The analysis of economic data necessarily proceeds in an environment where there is uncertainty about the processes that generated the data.
- Mathematical and Statistical methods provide a framework for understanding and characterizing this uncertainty.

- Economists are most often concerned about relationships among variables.
- The module builds towards the study of regression analysis, which is often applied by economists in studying such relationships.

### Programme Structure

|                       |  |
|-----------------------|--|
| Duration              | : 1 Year   |
| Intake                | : 30   |
| Reservation of Seats  | : Na   |
| Eligibility           | : Any Under Graduate or Graduate with exposure to Economics/ Mathematics /Statistics |
| Selection Procedure   | : Students are selected based on merit   |
| Medium of Instruction | : English  |

### Courses offered with each semester 10 credits

- **Semester 1:** Foundations of Mathematics, Applied Statistics', Microeconomics, Macroeconomics, Mathematical Economics
- **Semester II:** Econometrics, Managerial Economics', Operation Research and Project Work

### What are the placement opportunities?

- On completion of the course students will find themselves well equipped to understand the application of econometric tools.
- They can apply for jobs with leading institutions and organizations like CRISIL, ILFS, IDFC, etc.
- They can become consultants, social entrepreneurs.
- They can pursue relevant Masters programme, having acquired deep insight into the subject matter of Quantitative Economics **Classes will be held at:** Symbiosis School of Economics, Symbiosis International University, Senapati Bapat Road, Pune 411004.

**Admission Process:** 1. Application form is available on <http://sse.ac.in/admission-process/> 2. Send the filled application form to [dqe.query@sse.ac.in](mailto:dqe.query@sse.ac.in) a) Application form b) A personal interview will be scheduled with prior notice. c) An offer letter will be sent to the successful candidates, after which, fees can be paid as follows: Payment instructions: Annual fee: Rs. 40,000/- (inclusive of institutional deposit of Rs.10,000/-) • Candidates are required to pay the semester wise fee towards the Programme at the beginning of each semester.

### Assessment Method:

All internal courses will have 100% component as internal evaluation at the institute level. All external courses will have 40% internal component and 60% component as external [University] examination. The University awards a degree to the student who has achieved a minimum CGPA of 4 out of maximum of 10 CGPA for the programme.

### Time Line:

**\*\* visit [www.sse.ac.in](http://www.sse.ac.in) for specific date**

| Activity                      | Date                      |
|-------------------------------|---------------------------|
| Registration Starts           | February 1, 2018-Thursday |
| Last Date of Registration     | June 18 2018, Monday      |
| Last date of Receiving Fees   | June 29, 2018-Friday      |
| Commencement of the Programme | July 2 -2018-Wednesday    |