

SYMBIOSIS SCHOOL OF ECONOMICS

B.SC (ECONOMICS) HONOURS 2020-2023



SYMBIOSIS SCHOOL OF ECONOMICS

[Department of Symbiosis International (Deemed University)] Re-Accredited by NAAC with 'A' Grade 3rd Floor, SCHC Building, Senapati Bapat Road, Pune – 411004 Maharashtra, India

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1.1. Symbiosis International (Deemed University)

Symbiosis International (Deemed University) was established under Section 3 of UGC Act, 1956,

in the year 2002. Prof. Dr. S.B. Mujumdar established Symbiosis on the principles of Vedic thought of "World as One Family" and is resplendent of the activities and students of several countries. Symbiosis International (Deemed University) also has MOU's of collaboration with several renowned universities of the world and encourages students & faculty to participate in its programmes.

Symbiosis International was given "Deemed to be University" status by the Ministry of Human Resource



Prof. (Dr.) S.B.Mujumdar being conferred the 'Padma Bhusan' by the then Hon'ble President of India Smt.Pratibha Devisingh Patil during 2012.

Development in 2002. The University is re-accredited by NAAC with Grade 'A' and CGPA of 3.58 on a four-point scale. Symbiosis International (Deemed University) is nestled on a beautiful 300 acre campus, the Symbiosis Knowledge Village, on the outskirts of the city of Pune in Maharashtra, India. With changes sweeping across India's higher education environment, it has established need based institutes across the 7 faculties of Law, Management, Computer Studies, Health & Biological Sciences, Media, Communication & Design, Humanities & Social Sciences and Engineering. Symbiosis International (Deemed University) continues to grow.... Evolving by benchmarking itself against the best in the world.

A student centric philosophy leads to innovations in teaching and learning, student affairs, academic programs and health care. Cutting edge technologies, smart classrooms and modern infrastructure positively impact the delivery of world class education. Diversity in the classroom and faculty rooms, service learning projects, internships and value added activities lead to a more holistic development of students.

Symbiosis International (Deemed University) bears in mind its objective that its ultimate aim is to participate in the task of inculcating knowledge and hone skills, which are vital to the young graduates and postgraduates who passes out from the University.

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 instill sensitivity amongst the youth towards the community and environment to produce thought provoking leaders for the society.





1.2. Symbiosis School of Economics (SSE)

Established in 2008, SSE is a bright, young, vigorous and growing institution, with a demonstrable record of success. This very 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.

1.2.1. About the Director of the SSE



Prof. Jyoti Chandiramani

Director, Symbiosis School of Economics Dean, Faculty of Humanities and Social Sciences – SIU director@sse.ac.in

Prof Jyoti Chandiramani has over 30 years of experience in Teaching, Institution Building, Administration, and Research. Presently, she teaches –Urban Economic Development and Urban Mobility at the Masters level. She has conducted more than 50

Management Development Programs for corporates, such as WIPRO, AZTEC, HP, Intel, Godrej, Zensar Technologies, WNS, Cognizant, EXL, Deloitte, Deutsche Bank, Continum Solutions, Dr. Reddy's etc.

Prof Jyoti has been a founder core member of the Symbiosis Centre for Liberal Arts. In 2007, she 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 for the Tenth South Asian Economic Students Meet (SAESM) at Lahore University of Management Sciences, and in 2015, she was conferred with the iCongo instituted Gold Karmaveer Chakra and Rex Karmaveer Global Fellowship in Delhi, for her contributions to the field of education. In 2016, she was invited to the 5th ASEM Rectors' Conference and as a Mentor for the Students' Forum (ARC5, organized by Charles University in Prague and the Asia-Europe Foundation (ASEF) at Prague and in 2017, was invited by Niti Aayog as a member of the Working Group on "City Governance and Smart Cities". Recently in 2018, Prof Jyoti was invited to Macquarie University, Sydney.

Prof. Jyoti's research interest lies in the urban economic development and international economic cooperation. She has steered and focused the activities at the Symbiosis School

of Economics in this direction. To this effect, a course on Urban Economic Development has been introduced in the Masters Programme since 2014 (Specialisation: Development Studies). 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 in urban include Urban Infrastructure, Urban Transport, Urban Poverty and is presently working on Pune centric cases. Besides this she keenly studies and follows trends in International Development Cooperation – South-South Cooperation and Sustainable Development Goals. She has written a number of research papers and has been invited to a number of conferences and seminar as a speaker. In addition to this, she worked on various research projects also.



Prof. Jyoti at various prestigious International Forums

1.2.2. Academics

- B.Sc. Economics (Honours)
- M.Sc. Economics
 - Specialization:
 - International Trade
 - Development Studies
 - Urban Development
 - Finance

1.2.2.1. Program Highlights

- Continuous assessment through internal and external assessments providing opportunity for classroom participation, innovative assessments besides semester end examinations and class tests
- Co-curricular and extra-curricular activities through active clubs.

- Suitable infrastructure and facilities: ICT enabled lecture rooms, Library, Wi-Fi enabled campus, a well-equipped Gymnasium, Canteen, Health Care Centre, Auditorium, Hostel Accommodation and ICT Centre.
- Unique International Collaborations: SSE through the Symbiosis Centre for International Education (SCIE) has collaborations for student exchange with Universities abroad
- The *Centre for Academic Writing* supports students in writing essays, papers and reports of various types. It also publishes an annual journal Oeconomica Scriptis- that is a compilation of outstanding academic writing.
- The *Centre for Quantitative Learning and Applications* facilitates advanced level data analysis and statistical software training (SAS, STATA, MATLAB, R, EVIEWS and other statistical and econometric software) for the students.
- Faculty and students have access to Online Databases and academic repositories like JStor, Indiastat, CMIE Prowess, Economic and Political Weekly and so on.
- Faculty through membership of different committees contribute to the growth of the institute.

1.2.2.2. Research at SSE

Faculty at SSE are involved in research in various fields. Students are encouraged to assist on research projects to enhance their learning and research experience.

- Urban Development Faculty at SSE have been actively and consciously engaging with researchers, practitioners and academicians over the last few years and developed an informal shared network on various issues, pertaining to the urban agenda. SSE looks forward to starting an Urban Development Centre with the objective to have a focused approach to urban issues, which provides the necessary leverage to implement strategic interventions, test its efficacy and re-orient future responses through outcome measurement/evaluation. The identified focal themes include Governance, Transport, Poverty, Basic Services for Urban Poor (Slums & Housing in Slums) and Urban Finance.
- **Sustainable Development** Faculty researching in this area are exploring how innovation and technology could play a pivotal role in sustainable development. They are also investigating the implications of linkages between FDI, international trade, innovation and the behavioural pattern of skillful human development.

- Emerging Economies The changing dynamics of the world economy in favour of emerging economies and the increasing knowledge pool and information on these economies are going to be instrumental in radically transforming the global economy and sociopolitical dynamics, by giving rise to new solutions through research insights for a better understanding of how markets, institutions and technologies will interact in the near future. SSE has a research thrust area for Emerging Economies in order to establish research and consulting linkages between the Government, corporate, researchers and think tanks.
- Behavioural and Experimental Economics SSE faculty have been working closely
 with corporate organizations to approach challenges in the HR and Marketing spaces,
 using Behavioural economics. Faculty research in experimental economics is aimed
 towards examining how various aspects of identity and institutions influence decision
 making by conducting experiments and applying relevant econometric analysis.

1.2.2.3. Guest Lectures at SSE

1.2.2.3.1. The Late Prof. Suresh Tendulkar Memorial Lecture



1.2.2.4. Other Workshops/ Seminars at SSE





1.2.2.5. About B.Sc (Economics) Honours

The B.Sc.(Economics) Honours programme is interdisciplinary. The programme seeks to develop intellectual discipline, critical and analytical thinking with a view to groom passionate individuals capable of taking up responsibility. We have a highly rigorous and relevant curriculum, catering to the dynamic nature of global markets. We, at SSE, strive hard to create an enabling framework to facilitate the smooth translation of skills to jobs.

We select the best students from the applicant pool and provide them with a platform where their skills are put to test. To safeguard the efficacy of the program, SSE has a highly comprehensive screening process. This induction criterion serves as a filter to enroll the best candidates across different disciplines with proven excellence not just in academia but also in extracurricular activities. We have an eclectic mix of student backgrounds ranging from science, commerce, humanities, arts & others. This diversified student base brings to the table a broad set of ideas, innovations and a broad framework of dynamic iterations. This talented student community, together with the knowledge ethic imbibed at SSE ensures that students are prepared to take on roles as managers, economists, statisticians, analysts and entrepreneurs.

SSE adopts innovative and proactive methods of pedagogy with emphasis on holistic developments of individuals. The coursework has been designed to acclimatize students to the rigors of a highly competitive workplace. Inherent with the coursework is a system of Continuous Evaluation (CE) that provides critical evaluation of a candidate's performance from time to time. As part of the course, all students are required to complete a two-month Industry Internship and NGO internship at the end of first & second year respectively. The objective of the internship is to give students the opportunity to experience real world applications of theories they have studied. They also conduct Primary & secondary research as part of the curriculum. At the end of the three years, students are well prepared to face the challenges of academia, research, business and industry requirements.

1.2.2.6. Some frequently asked questions about the B.Sc. (Economics) Honours Programme at SSE

1. Why a Bachelor's Degree in economics?

A bachelor's degree must allow a student to explore the various facets of the subject matter. The programme is academically rigorous, relevant and contemporary to meet the unique and ever-changing needs of students and employers. B.Sc (Economics) Honours programme interdisciplinary and helps to create independent and creative professionals.

2. What is the course content like?

The basic focus of the SSE course content is to train students who apply economic concepts in real life and other inter-disciplinary specializations. The curriculum is designed keeping the employability of the candidate in sectors such as public and private enterprises, banking and financial services, government, consulting, academia and NGOs in India and abroad.

3. What kind of options can the student take up?

The students can choose optional courses from Semester III. If one wishes to do quantitative approach can choose courses like Mathematical economics, econometrics, operations research. The students who wish to do more non quantitative courses can take Political economy of India, agricultural economics, behavioral economics etc. For more details, please refer to the programme structure on our website www.sse.ac.in

4. What kind of students are we looking for?

The candidates must exhibit capability for providing multiple perspectives, critical thinking and analytical abilities. They should be keen learners and have a passion for the subject.

5. What are the instruction styles?

Other than the standard discourse method, case study and colloquium oriented methods will also be employed as pedagogical methodology. Apart from this, various workshops, conferences and guest lectures will be organized on a regular basis to enhance the student's understanding and sharpening of the required academic and industrial skillsets. The students at this level are expected to read related matter and come to class so that each session becomes more interactive. The aim is to create a dynamic learning environment and enhancing the analytical and application capability of the students.

1.2.2.7. Faculty

Faculty members are sensitive to the needs of each individual and students will be encouraged to contribute to the learning process in order to boost their own confidence as well as to develop a rapport with the other members of their group. In support to this faculty will utilize an exciting blend of group discussion, case studies, presentations, analytical sessions, seminars & formal lectures. This brings the world of management into the classroom and allows students to test scenarios and experiment with theoretical concepts in a realistic, challenging and supportive environment. This participative learning permits a free flow of ideas between students and

faculty and provides an excellent platform for development of teamwork, leadership & management skills.

1.2.2.8. Proposed Course Structure*

Catalogue Course Code	Course Title	Credits	Internal Marks	External Marks	Total Marks
Semester I				I	
T2484	Core Environmental Studies	4	100	-	100
T2534	Foundation of Mathematics	4	40	60	100
T2203	Statistics for Economics I	4	40	60	100
T6651	Macroeconomics I	4	40	60	100
T6654	Microeconomics I	4	40	60	100
T6663	Indian Economy I	4	40	60	100
		24	300	300	600
Semester II					
T2204	Statistics for Economics II	4	40	60	100
T6129	Indian Economy II	4	40	60	100
T6346	6 Mathematical Economics I		40	60	100
T6652	Macroeconomics II	4	40	60	100
T6655	Microeconomics II	4	40	60	100
	Generic Elective Co	ourses Gi	oup	L	1
T2204	Business Accounting	4	40	60	100
T6129	Business Accounting & Financial Analysis	4	40	60	100
	Total	24	240	360	600
Semester II	I			1	1
T1135	Law and Economics Theory	4	40	60	100
T6134	Theory and Application of Public Finance	4	40	60	100
T6135	Introductory Econometrics	4	40	60	100
T6141	Development Economics	4	40	60	100
T6902 Internship with NGO		2	50		50

• (To be approved by Symbiosis International University)

Catalogue Course Code	Course Title	Credits	Internal Marks	External Marks	Total Marks
Elective Cou	irses (Choose any one)				
T6347	Mathematical Economics II	4	40	60	100
T6277	Theory of Political Economy in India	4	40	60	100
Elective Cou	irse (Choose any one)		·	·	
T6149	Money Banking and Finance	4	40	60	100
T6276	Public Administration and Policy	4	40	60	100
	Total		290	360	650
Semester IV	7	1			1
T6133	International Economics	4	40	60	100
T2208	8 Research Methodology		100		100
Elective Cou	irse (Choose any one)	I	I	1	
T2112	Indian Banking & financial system	4	40	60	100
T2104	International Financial Management	4 40 60		60	100
Floating Cro	edits Programme				
	INTER INSTITUTE COURSES				
T6394	Introductory French	3	75	-	75
T6395	Introductory German				
T6396	Introductory Spanish				
	Liberal Arts Course	3	75	-	75
	Primary Research	3	75	-	75
	Project -Secondary Research	3	75	-	75
	Total	24	480	120	600

Catalogue Course Code	Course Title	Credits	Internal Marks	External Marks	Total Marks
T4005	*Integrated Disaster Management	-	-	-	Letter Grade
Semester V			I	I	1
T6364	Microeconomics III	2	50		50
T6365	Macroeconomics III	2	50		50
Elective Cou	irse (Choose any one)		I	I	
T2456	Financial Management	4	40	60	100
T2966	Introduction to Corporate Finance	4	40	60	100
Core Course	es		I	I	-
T3245	IT Applications in Economics		50	-	50
T6902	Internship with Business Unit	2	50		50
T6146	Economic Journalism	3	75	-	75
T6701	Dissertation I	2	50	-	50
Elective Cou	irse (Choose any one)		1	1	
T6142	Intermediary Econometrics	4	40	60	100
T6143	Agricultural Economics of India	4	40	60	100
	Total	21	405	120	525
Semester V	[<u> </u>
T2108	Portfolio Management	4	40	60	100
T6144	Environmental Economics	4	40	60	100
T6278	International Relations	4	40	60	100
Choose any	one elective		<u> </u>	<u> </u>	1
T2104	International Financial Management	4	40	60	100

Catalogue Course Code	Course Title	Credits	Internal Marks	External Marks	Total Marks
T2967	Taxation	4	40	60	100
T6139	Economic Thought	4	40	60	100
T6701	Dissertation II	2	50	-	50
Elective Cou	irse (Choose any one)	I	I		
T6737	Operations Research	3	75	-	75
T6735	Industrial Organisation	3	75	-	75
T2968	Introduction to Behaviorial Finance	3	75	-	75
	Total	25			625

1.3 Internationalization

One of the main goals of internationalization of higher education is to provide the most relevant education to the students, who will be the citizens & entrepreneurs of tomorrow. At SSE, we have the following semester exchange programs with Universities abroad. Moreover, the students after completing their degree at SSE seek admissions to various foreign universities.



1.4 Placements Overview

The Placement Cell, guided by a set of rules and principles strives to maintain warm relation with firms. Preparing the recruitment schedule for the year, inviting firms for pre-placement talks on campus followed by final placements, and overseeing the process to its end are responsibilities that the Placement Cell endeavors to carry out successfully.

The Placement Cell at Symbiosis School of Economics works in close coordination with its faculty advisor and provides a platform for students seeking recruitment to interact with possible recruiters on the campus.

Final Placements at SSE is considered as an important dimension of educational attainment and therefore is accorded high priority. The Director and a team of highly qualified senior faculty oversee the implementation of the placement related work agenda.

Over the last three years, in particular, SSE has consciously developed, nurtured and forged longlasting collaborations and relationships with a number of research institutes, corporate firms and NGOs and development agencies. These organizations have offered internships and final placements to our students.

1.5 Other details

1.5.1 Fees Structure (2019-22)

Approved Fee Structure for the Academic year 2019-22

Programme Fees for B. Sc (Economics) Honours (Indian Students)	Amount in Rs.
Academic Fees (Per Annum) *	210,000
Institute Deposit (<i>Refundable</i>)	10,000
Programme Fees for B. Sc Economics Honours (International Students)	USD equivalent to INR
Academic fees (Per Annum) *	315,000
Administrative Fees (Non Refundable)	40,000
Institute Deposit (<i>Refundable</i>)	10,000

Hostel and Mess Fees for Indian & International Students. (Subject to change campus and accommodation type wise, e.g. Single Sharing, Twin Sharing, Triple Sharing, Four Sharing, Dormitory)	Amount In Rs. (for Indian Students)	USD equivalent to INR (For International Students)
Mess Fees (Per Annum)*	64,500	64,500
Hostel Deposit (Refundable)	15,000	15,000
Hostel Fees (Different, Subject to Sharing, per Annum)*		
Twin Sharing	111,250	111,250
Three Sharing	79,800	79,800
Fees could increase by 10% annually Fees would also be impacted	by any introduct	tion/change in

Fees could increase by 10% annually. Fees would also be impacted by any introduction/change in Government Taxes, as & when applicable.

Installments for B. Sc (Economics) Honours	1st Year (Amount in Rs.)		
(Indian Students)	1st Installment	2nd Installment	
Academic Fees (Per Annum)	105,000	105,000	
Institute Deposit (Refundable)	10,000	-	
Hostel Deposit (Refundable)	15,000	-	
Hostel Fees (Per Annum)	39,900	39,900	
Mess fees (Per Annum)	32,250	32,250	
Installments	202,150	202,150	
Installments pay by date	At the time of Admission	25-Nov- 2020	

Installments for B.Sc. Economics	1st Year (USD equivalent to INR)			
(International Students)	1st Installment	2nd Installment	3rd Installment	
Administrative Fees (Non Refundable) #	40,000	-	-	
Academic Fees (Per Annum)	55,000	82,500	177,500	
Institute Deposit (<i>Refundable</i>)	10,000	-	-	
Hostel Deposit (Refundable)	-	15,000	-	
Hostel Fees (Per Annum)	-	39,900	39,900	
Mess Fees (Per Annum)	-	32,250	32,250	
Installments	105,000	169,650	249,650	

Installment Pay by Date	At the time of acceptance of 'Offer Letter' (USD equivalent to INR)	At the time of Reporting to SCIE	25-Nov-2020
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50% Concession to be given only to the Foreign National students on Administrative Fees.

** Hostel and Mess fees for the subsequent year would be communicated before the commencement of the next academic year

*Academic fees, Hostel and Mess fees can be increased upto 10% during the period of the programme to cater to any changes, introduction of Government taxes as and when applicable.

1.5.1.1.1 Refund Rules

Please visit the link:- https://siu.edu.in/pdf/Refund-Rules-of-the-University.pdf Admission Rules

1.5.2 Admission Procedure and rules

1.5.2.1 Admission rules

- Every student of this programme shall abide by the rules of the Symbiosis International University [SIU]. Any changes made in the rules and regulations from time to time by Symbiosis International University will be applicable when made/modified during the academic year.
- Admissions are subject to eligibility clearance from the SIU.
- Admission will be confirmed only after payment of prescribed fees. For the subsequent years, students are required to register again as per the schedule declared from time to time by paying the prescribed fees for that year.

Admissions will be cancelled in case of:

- Not submitting the required documents in time.
- Submission of fake or incorrect documents.
- Admission gained through unfair and objectionable practices detected at any stage during the 3 year programme.
- Failing to fulfil required eligibility criteria of the programme.

Note: It is the responsibility of the candidates to ascertain whether they possess the requisite qualifications for admission. Having been admitted provisionally does not mean acceptance of eligibility. Symbiosis International (Deemed University) will decide final eligibility of admission.

1.5.2.2 Registration Procedure

It is mandatory to appear for the Symbiosis Entrance Test (SET) for admission to SSE.

For details about SET, kindly visit www.set-test.org

The applicant will receive a prospectus from Symbiosis International University.

The applicant is required to make a separate non-refundable payment of Rs.1000/-

If the applicant wants to pay programme payment through Demand Draft, make a DD of Rs.1000/- in the name of Symbiosis Test Secretariat.

For more details regarding Registration and Payment follow the link: https://www.set-test.org/register.html

Selection is done on the basis:

- 1) SET score
- 2) Based on the SET score, the institute will conduct a Personal Interaction (PI) and Writing Ability Test (WAT) for the shortlisted students. The short-listed candidates will get a call for the PI-WAT.

1.5.2.3 Reservation of seats

The following will be reservation rules that shall be followed while admitting Indian Students:

- Scheduled Caste 15%
- Scheduled Tribe 7.5%
- Differently disabled 3%
- Kashmiri Migrants 2 over and above programme intake

Policy of admission against vacant seats under reserved category

In case some seats remain vacant due to the non-availability of suitable candidates in the category of reservations then the information about the vacant seats will be reported to Symbiosis International University. With the permission of the Vice Chancellor, the seats will be converted to the general category seats and shortlisted students will be offered these seats.

1.5.2.4 Intake

1.5.2.3.1

	Programme B.Sc (Economics) Honours				
Full time/Part time	Duration	Intake	• XII pass from any branch with minimum 50% marks for the general category and 45% for students of SC and ST category.		
Full time	3 years	130	• Qualifying the Symbiosis Entrance Test (SET) and Personal Interaction and Writing Ability Test (PI- WAT) of the School.		

1.5.2.5 Important Dates*

Details	SIU	SSE (Undergraduate)
SET and Programme Registration Begins	January 22, 2020 Wednesday	
Last date to apply and pay for SET	April 16, 2020 Thursday	
SET Admit Card Generation	April 22, 2020 Wednesday	

Last date of Online registration and		May 11th, 2020 Monday
payment for Institute		hidy fitti, 2020 Monday
SET Entrance Test	May 02, 2020 Saturday	
SET Result	May 12, 2020 Tuesday	
Announcement of Shortlist for Personal Interaction & Written Ability Test (PI & WAT)		May 16th , 2020 Saturday , 5:00 pm
Last date to book PI-WAT slot on preferred date, time and city		May 18th , 2020 Monday
Call letters for PI-WAT being generated		May 21st , 2020 Thursday
PI-WAT at Pune		May 26th , 2020, Tuesday & May 27th , 2020, Wednesday
PI-WAT at Noida		May 29th , 2020 Friday , May 30th , 2020 Saturday, May 31st , 2020 Sunday
Announcement of First Merit list		June 5th , 2020 Friday, 5:00 pm
Programme Commencement		June 29th , 2020, Monday

* The dates mentioned above are tentative and subject to change. Any changes will be updated on www.sse.ac.in *For International Students*: Admissions of all International Students including foreign nationals, PIO & NRI are done through the International Office of Symbiosis International. Kindly refer to www.scie.ac.in

For any query related to the programme, please contact: Dr. Deepa Gupta: 020 – 25675406 – Ext 231 Mrs. Shilpi Singh (Technical Queries Only) | 020 – 25675406 – Ext 226; +91 7722037632 Email: admissions@sse.ac.in



