

SHIV NADAR UNIVERSITY

Department of Economics

School of Humanities and Social Sciences

PROSPECTUS

Ph.D. ECONOMICS

Overview:

The Department of Economics at Shiv Nadar University, established in 2012, has quickly established its reputation as one of the leading centres of learning and research in the country. The department has an active research environment, and the faculty members are committed to guiding and supporting doctoral candidates throughout their doctoral thesis. The expectation is that upon successfully completing the doctoral program, the candidates will be at the frontiers of their respective research fields and will contribute actively towards advancing the body of knowledge.

The first step in the process of admission to the doctoral programme involves shortlisting potential candidates based on a screening test. The next steps will comprise an on-site exam/interview. Shortlisted applicants will be judged on the basis of their knowledge of economics at the post-graduate (Master's) level. Candidates who are selected, and subsequently join the programme, will be required to satisfactorily complete one year of compulsory coursework, with the option of taking elective courses that are on offer thereafter. The areas of expertise of faculty members in the economics department include Development Economics, Economic Growth, Environmental Economics, Game Theory and Information Economics, Industrial Organization, Labor Economics, Macroeconomics, Political Economy, and Public Economics. The candidates admitted into the program are provided very generous assistantships for five years.

Details regarding eligibility to the doctoral programme, admission process, programme structure, placement of graduated doctoral students and faculty expertise are outlined below.

Eligibility Conditions and Admission Process:

Prospective candidates must have obtained at least 55% in aggregate in a post-graduate degree in any discipline. Candidates will be selected based on their performance in the admission process (subject to the minimum eligibility condition being met). Interested candidates are requested to follow the online application link on the economics department webpage. The application fee may be paid online.

Applicants who are shortlisted following the first stage of the screening process are given an on-site exam/interview. Relevant details of the examination process and timeline are periodically updated on the department's website.

The objective of the admission process will be to assess applicants on their knowledge of economics at the post-graduate level. The syllabus for the written test is provided in this document.

Structure of the Doctoral Programme:

Admitted doctoral candidates are expected to complete their doctoral dissertation within five years. The first year of the programme is devoted to compulsory coursework, which will provide a foundation for undertaking research work, which starts from the second year. The table below contains the list of courses that must be successfully completed in the first year:

Semester I (Monsoon Semester)	Semester II (Spring Semester)
Microeconomics I	Microeconomics II
Macroeconomics I	Macroeconomics II
Mathematical Methods	Computational Economics
Statistics	Econometrics I
Programming Language (optional)	Research Methodology

It is expected that by the end of the first year, the doctoral candidates will be able to identify a research area of interest and choose a faculty member as their dissertation advisor. After successful completion of the first-year foundational courses, the candidates would also have the option of taking elective courses that are offered by the department.

The following is the list of *elective courses* offered by the department in the recent years:

Industrial Organization	International Finance
Public Economics	Time Series Analysis
International Trade	Social Choice Theory
Environmental Economics	Labor Economics
Growth and Inequality	Game Theory
Individual and Collective Choices	Behavioral Economics
Contract Theory	Financial Economics
Health Economics	Development Economics
Matching and Fair Division	Macro Economics Workshop
Computational Economics	Political Economy Workshop
Open Economy Macroeconomics and International	Politics and Institutions
Trade	Economics of Discrimination
Independent Research Project	

Placements:

In the past, our Ph.D. graduates have found various research and academic placements. Examples include Assistant Professor position at Indira Gandhi Institute of Development Research (IGIDR, Mumbai); Evaluation Specialist at International Initiative for Impact Evaluation (3ie); Visiting Assistant Professor position at Indian Statistical Institute (ISI, Delhi); Assistant Professor at IIT, Hyderabad, and Senior Auditor at American Express.

Syllabus for the Screening and On-site Exam/ Interview:

Microeconomics: Preference Relations, Choice Rules, Weak Axiom of Revealed Preference, Utility Representation of Preferences, Utility maximisation, Expenditure minimisation, Aggregation of individual demand, Production Sets, Profit maximisation, Cost minimisation, Choice under uncertainty, Game theory and strategic interaction and applications (equilibrium concepts for normal form games, extensive form games, games of incomplete information)

Macroeconomics: Neoclassical growth model – Solow model, Dynamic optimisation, Micro-foundations of dynamic macroeconomic model – consumption as consumer’s optimisation problem, investment as firm’s optimisation problem, fiscal policy and Ricardian equivalence, monetary policy (classical dichotomy and money non-neutrality)

Statistics and Econometrics: Probability theory, Statistical Inference, Linear Regression Models and Least Squares, Heteroskedasticity, Multicollinearity, Misspecified models, Endogeneity and Instrumental Variables, Maximum Likelihood Estimation, Binary Choice Models: Probit and Logit.

Mathematical Economics: Linear Algebra, Real Analysis, Concave-convex functions, Optimisation at a level that is appropriate for post-graduate economics

Tuitions and financial aid:

All full-time Ph.D. students admitted into the program shall receive a **doctoral award (teaching and research assistantship) consisting of tuition-fee waiver (as per the department's discretion) and a monthly stipend of ₹40,000 for the first two years, and ₹45,000 for the next three years**, subject to benchmarked performance. The continuation of the award is subject to satisfactory performance in the program evaluated continuously and compliance with all University regulations. **Support will be available for deserving Ph.D. students to disseminate their work through conferences and publications.**

Please note that students with CSIR, UGC, INSPIRE, ICMR fellowships shall receive 100% tuition fee waiver.

Note:

1. Continuation in the programme and financial assistance is subject to satisfactory performance evaluated continuously, and compliance with all University regulations. The student is required to maintain a minimum CGPA of 7.00.

Detailed information about the fee structure and the nature of assistantships is available on the [website](#).

Hostel Facilities

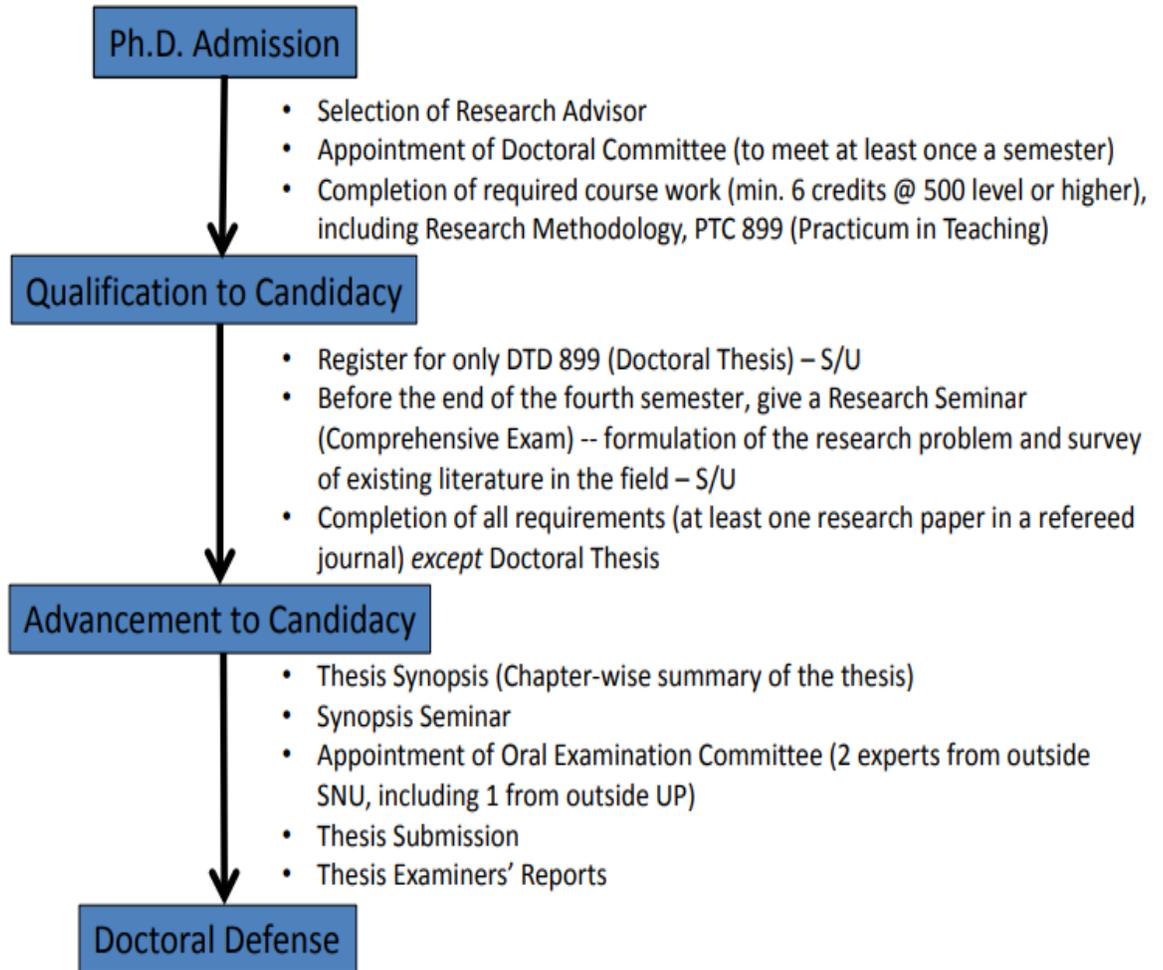
All academic programs at the university are fully residential. Students must abide by all university rules to stay in the hostel.

Application Instructions

All interested applicants shall apply online by clicking “Apply Now” button. Please follow the instructions carefully.

- Fill all the mandatory fields
- **Online upload** of following documents is required
 - Passport size recent color photograph
 - Current CV
 - All mark sheets and degree certificates (10th Standard onwards)
 - Standardized examination certificate- CSIR, UGC, GATE etc. (If applicable)

Ph.D. Regulations



Department Faculty

- **Shraman Banerjee** (Assistant Professor)
Ph.D. (Southern Methodist University)
Specialization: Micro Economic Theory; Mechanism Design
- **Trishita Ray Barman** (Associate Professor)
Ph.D. (Indian Statistical Institute)
Specialization: Growth Theory, Public Economics
- **Shampa Bhattacharjee** (Assistant Professor)
Ph.D. (University of British Columbia)
Specialization: Development Economics, Health Economics, Political Economy
- **Partha Chatterjee** (Professor & Head of the Department)
Ph.D. (University of Minnesota)
Specialization: Macroeconomics, International Economics
- **Arka Roy Chaudhuri** (Assistant Professor)
Ph.D. (University of British Columbia)
Specialization: Economics of Education, Development Economics
- **Ashokankur Datta** (Associate Professor)
Ph.D. (Indian Statistical Institute)
Specialization: Environmental Economics, Development Economics
- **Kurt Horner** (Assistant Professor)
Ph.D. (University of California, Irvine)
Specialization: Macroeconomics, Industrial Organization
- **Rajat Kathuria** (Dean, School of Humanities and Social Sciences; Professor)
Ph.D. (University of Maryland)
Specialization: Regulation and Competition Policy
- **Abhimanyu Khan** (Associate Professor)
Ph.D. (Maastricht University)
Specialization: Applied Microeconomic Theory

- **Nirvana Mitra** (Assistant Professor)
Ph.D. Stony Brook University
Specialization: International Macroeconomics
- **Anup Pramanik** (Assistant Professor) Ph.D.
(Indian Statistical Institute)
Specialization: Game Theory, Mechanism Design
- **Ram Ranjan** (Associate Professor) Ph.D. (Penn State University)
Specialization: Environmental Economics; Development Economics
- **Jaideep Roy** (Visiting Professor)
Ph.D. (Universidad Carlos III de Madrid)
Specialization: Microeconomics; Game Theory
- **Gitanjali Sen** (Associate Professor)
Ph.D. (University of Missouri-Columbia)
Specialization: Applied Microeconomics; Development Economics
- **Suchishmita Tarafdar** (Associate Professor) Ph.D.
(Arizona State University)
Specialization: Macroeconomics, Theory of Optimization
- **Shabana Mitra** (Assistant Professor)
Ph.D. (Vanderbilt University)
Specialization: Development Economics, Political Economy, Applied Econometrics
- **Mandar Oak** (Professor)
Ph.D. (Cornell University)
Specialization: Public economics, Political Economy, Development Economics, Microeconomic Theory
- **Punarjit Roychowdhury** (Assistant Professor)
Ph.D. (Southern Methodist University)
Specialization: Applied Microeconometrics, Development Economics, Labor Economics, Economics of Gender
- **Sandro Brusco** (Visiting Professor)
Ph.D., Stanford University
Specialization: Mechanism Design; Auctions and Trading Mechanisms; Corporate Finance; Political Economy

For any queries: e-mail Ms Shubra Chetan (Program Manager) at shubra.chetan@snu.edu.in

Important Dates

Last date for the receipt of completed application form & application fee	June 26, 2022
Screening Test	July 03, 2022
On-Site Exam/Interview	July 17-18, 2022
Declaration of Results	July 22, 2022
Fee payment deadline	July 26, 2022

Applications will be considered as and when received and shortlisted candidates will be notified by email well in advance so that they can plan their travel. Hence, candidates are urged to apply as early as possible.

[APPLY NOW](#)