



ACADEMIC PROGRAMMES

M.Sc., and Ph.D.

PROSPECTUS 2022



Indira Gandhi Institute of Development Research

(An Advanced Research Institute Established by the Reserve Bank of India)
Deemed to be University



PROSPECTUS OF ACADEMIC PROGRAMMES: 2022-23

Indira Gandhi Institute of Development Research, Mumbai

■ BACKGROUND

Indira Gandhi Institute of Development Research (IGIDR) is an advanced research Institute established in 1987 in Mumbai by the Reserve Bank of India for the study of national and global development issues. It is governed by a Board of Management comprising distinguished academicians. The Institute is recognized as a Deemed to be University under Section 3 of the UGC Act.

As an institution of national and international repute, IGIDR's mission has been to promote academic excellence with respect to research, teaching and capacity building in economics and development policy. The Institute offers M.Sc. in Economics and Ph.D. in Development Studies and admits students from diverse disciplinary backgrounds. Adopting an interdisciplinary approach with economics at its core, the course structure in each programme is designed to impart theoretical and empirical skills to analyse economic, energy and environmental issues and problems.

IGIDR faculty are drawn from reputed institutions from India and abroad and have established themselves as leading researchers in their respective areas of specialization. They have published in high quality peer-reviewed journals and have contributed to academic and development policy debates at both national and international levels.

■ ACADEMIC PROGRAMMES

M.Sc. in Economics

This programme is typically a two-year programme following a semester system. It can be extended up to a maximum of three years under a slow track system. To earn the M.Sc. degree, a student is required to earn 48 credits comprising core and elective courses.

The core courses of 24 credits include the core course sequences comprising Microeconomics I & II, Macroeconomics I & II, and Econometrics I & II as also Mathematics for Economists and Development Economics offered in the first two semesters. Each course is of 3 credits and all these together account for 24 credits.

For elective courses, students will be required to choose 24 elective course credits from a number of optional courses offered in the subsequent semesters.

On completion of M.Sc. at IGIDR, students can enrol into the Ph.D. in Development Studies as per rules in the Graduate Programme Rule Book applicable to them.

Ph.D. in Development Studies

The Ph.D. programme is of four/five years.

To earn the Ph.D. degree, a student is required to earn 42 credits comprising core and elective courses, and additionally credit the Research Methodology (RM) course and Seminar Series (SS) courses, as part of the student's degree requirements, pass their proposal evaluation comprehensive examination and then write a thesis.

The core courses of 12 credits comprise of Microeconomics I, Macroeconomics I, Econometrics I, and Energy & Environment I must be completed in Semester 1 of joining the programme. Elective courses of 30 credits are to be chosen from the list of optional courses offered in the subsequent three semesters.

Continuation from M.Sc./M.Phil. to Ph.D. programme

Students who have completed their M.Sc. or M.Phil. programmes at IGIDR can enrol into the Ph.D. programme of the Institute as per the relevant graduate programme rules applicable to them. They can be in touch with the Student Office and, if eligible, join at the beginning of the monsoon (August 1, 2022) or summer (January 2, 2023) semesters. The current online application is not for such students.

▪ **ELIGIBILITY**

- (i) The applicants for M.Sc. and Ph.D. programmes must have studied Mathematics at the higher secondary or higher level.
- (ii) The applicants to M.Sc. and Ph.D. programmes must have the qualifying percentage of marks in the qualifying degrees as indicated below:

Programme	Qualifying Degree	Qualifying Marks across category of students	
		GEN (GEN-EWS/ OBC-NCL)	SC/ST/PwD
M.Sc. in Economics	B.A./B.Sc. in Economics	55%	50%
	B.Com./B.Stat./ B.Sc.(Physics/Mathematics)/ B.Tech./B.E.	60%	55%
Ph.D. in Development Studies	M.A./M.Sc. in Economics	55%	50%
	M.Stat./M.Sc. (Physics/Mathematics/ Environmental Science/Operations Research)/ M.B.A./M.Tech./M.E./ B.Tech./B.E.	60%	55%

Note: GEN is General, GEN-EWS is General Economically Weaker Sections, OBC-NCL is Other Backward Classes-Non-Creamy Layer, PwD is People with Disability, SC is Schedule Caste, ST is Scheduled Tribe.

- (iii) All candidates appearing for their final degree examinations on or before July 15, 2022 are eligible to apply. However, if selected, their admission in the M.Sc. & Ph.D. programmes will be treated as provisional and subject to meeting the eligibility requirements as applicable. The final official mark sheets of the qualifying degree, as relevant, must be submitted to IGIDR by October 31, 2022.

▪ **RESERVATION POLICY**

The Institute follows a Reservation Policy as per Government of India Rules.

- (i) Vertical reservation: 7.5% for Scheduled Tribe (ST), 15% for Scheduled Caste (SC), 27% for Other Backward Classes-Non-Creamy Layer (OBC-NCL), and 10% for General-Economically Weaker Sections (GEN-EWS). The remaining seats will be Unreserved (UR) or open category seats.
- (ii) Horizontal reservation: Under each category, there will be 5% reservation for People with Disability (PwD).
- (iii) The number of seats for each category is as indicated below:

Programme	ST	SC	OBC-NCL	GEN-EWS	UR	Total
M.Sc. in Economics (of which PwD)	4	8	13 (1)	5	20 (1)	50 (2)
Ph.D. in Development Studies	1	2	4	2	6	15

Note: Reserved category applicants have to produce the necessary documents as per Government of India rules.

▪ **FEES, REFUND POLICY, STIPEND AND OTHER GRANTS**

Tuition/Hostel Fees and Other Charges

M.Sc. students have to pay a tuition fee of ₹16,000/- per semester. All students will be provided with residential accommodation towards which they have to pay hostel fee of ₹200/- per month.

Ph.D. students have to pay a tuition fee of ₹16,000/- per semester and a hostel fee, which is 8% of their stipend amount per month.

All students residing in the hostel will have to pay water and electricity charges as per actuals and also make payments to the caterer against the food they consume.

The tuition and other fees may be revised from time to time.

Payments at the Time of Admission

On selection, prior to admission, a student has to pay first semester tuition fee of ₹16,000/-, student placement activity fee of ₹1,000/-, security deposit (i.e. ₹15,000/- for M.Sc. students and of ₹5,000/- for Ph.D. students), and a non-refundable premium amount as per actuals towards the Institute's group medical insurance policy (to be effective from the date the Insurance company issues the policy).

Fee Refund

If a student wishes to withdraw after enrolling then the fee refund policy will be as per UGC notification.

Financial Assistance/Stipend

M.Sc. students can avail of need-based scholarship as per Institute norms.

Ph.D. students will receive a monthly stipend of ₹31,000/- in the first two years. The students who fulfil the terms and conditions for Ph.D. registration will receive a monthly stipend of ₹43,750/- after their Ph.D. registration in the third year. Students are required to provide part-time research or teaching assistantship from their second year onwards.

Ph.D. students who enrol after successful completion of their M.Sc. or M.Phil. programmes at IGIDR will receive a stipend for three years, ₹31,000/- before and ₹43,750/- after their Ph.D. registration.

Conference grants

Ph.D students are eligible for funds to attend national and international conferences subject to conditions.

■ INTERNSHIPS AND PLACEMENTS:

IGIDR students enrolled in the M.Sc programme have, after completion of the first year of course work, interned at academic institutions, Reserve Bank of India and leading companies. Several students receive pre placement offers following successful completion of summer internship at a company.

Companies that have recruited from IGIDR in recent years are Accenture, American Express, Citicorp Services India Pvt. Ltd., CRISIL, Deloitte, Experian India, ICICI Bank, KPMG Advisory Services Pvt Ltd., Pricewaterhouse Coopers Pvt. Ltd. (PwC), and UBS Business Solutions (India) Pvt. Ltd.

A majority of IGIDR Ph.D. are placed as post-doctoral fellows or as faculty members in leading academic institutions in India and abroad, including Centre for Development Studies, Centre for Social and Economic Progress (CSEP, Formerly Brookings India), Centurion Education at Chhattisgarh, Delhi School of Economics, Indian Institute of Management at various locations, Indian Institute of Technology at various locations, IWWAGE (Initiative for What Works to Advance Women and Girls in the Economy) Hauz Khas, Madras School of Economics, NABARD (National Bank for Agriculture and Rural Development), Sarla Anil Modi School of Economics NMIMS University, Trinity College, UNESCO (United Nations Educational, Scientific and Cultural Organization) Paris and University of Manchester among others or in think tanks/research institutes like Indian Council for Research on International Economic Relations (ICRIER), National Council of Applied Economic Research (NCAER) and National Institute of Public Finance and Policy (NIPFP).

In the last ten years, students from the M.Sc./M.Phil. programme have been admitted into prestigious Ph.D. Programmes in North America and Europe, such as Carnegie Mellon University, CEMFI, Columbia University, Cornell University, New York University, University of California, University of Houston, University of Michigan at Ann Arbor, University of Toulouse and Virginia Tech among others.

▪ **CAMPUS INFRASTRUCTURE**

The Institute is located on a 14-acre site on a hillside amidst lush green nature. The campus includes state-of-the-art office buildings for faculty and staff, classrooms, conference venues, 500 seat auditorium, library, computer centre, cafeteria, gymnasium, recreational centre, and guest house.

Library

The library has over 1,05,773 printed and 33,252 electronic documents, subscriptions to over 411 national and international journals, and major statistical data sources and packages.

Computing facilities

IGIDR is a Wi-Fi campus with high speed internet connectivity and houses a state-of-the-art technology Computer Centre and Computer Labs for students.

Hostel Accommodation

Institute provides separate on-campus hostel accommodation for women and men.

Recreational Facilities

Tennis court, swimming pool, table tennis, badminton, indoor games and a gymnasium.

▪ **DISCIPLINE**

Admitted students are required to strictly adhere to the rules and regulations of IGIDR. The Institute follows a zero tolerance policy on ragging and those found to have indulged in ragging will be expelled forthwith. Sexual harassment on campus is condemned and any student found guilty of the same will be suitably punished as laid down in the Institute Rules.

▪ **ADMISSIONS TO ACADEMIC PROGRAMMES**

Candidates applying to the M.Sc. and Ph.D. programmes of the Institute will be admitted on the basis of their performance in an online test and an interview. The online tests for M.Sc. and Ph.D. applicants will be held separately but at the same time. A candidate, even if eligible, can apply and appear in the test for only one of the programmes.

Online Test

The online test for M.Sc. will emphasize on Comprehension and English (5 questions/5 marks/30 minutes) and Basic Mathematics (Limit, Continuity, Differentiation, Integration, Probability, Combinatorics, Statistics; 15 questions/15 marks/30 minutes). In addition, M.Sc. students will have to answer a section either on Economics or Mathematics (15 questions/15 marks/30 minutes) at the undergraduate level.

The online test for Ph.D. will emphasize on Comprehension and English (5 questions/5 marks/45 minutes) and Basic Mathematics (Limit, Continuity, Differentiation, Integration, Probability, Combinatorics, Statistics; 40 questions/40 marks/45 minutes).

Test Centres

The online test will be held on June 26, 2022 from 11.00 a.m. to 12.30 p.m. at various centres across the country, namely, Ahmedabad/Gandhi Nagar, Aizawl, Bangalore, Benares, Bhopal, Bhubaneswar, Chandigarh-Mohali, Chennai, Dehradun, Ernakulam/Cochin, Guwahati, Hyderabad/Rangareddy, Indore, Jaipur, Jammu, Kolkata/Greater Kolkata, Lucknow, Mumbai/Greater Mumbai/Thane/Navi Mumbai, Delhi, Panjim, Patna, Pune, Raipur, Ranchi, Shillong, Thiruvananthapuram, & Visakhapatnam.

Interviews

The interviews will be held online.

▪ **ONLINE APPLICATION FORM (For M.Sc. and Ph.D. Programmes)**

How to Apply

Candidates can fill the application at <https://igidr22.onlineapplicationform.org/IGIDR/index.jsp>. For details, see <http://www.igidr.ac.in/admission-2022/>. Last date for receipt of form is June 10, 2022.

Application Fee

₹500/- (rupees five hundred only) for General Category.

₹100/- (rupees one hundred only) for Scheduled Caste (SC)/Scheduled Tribe (ST)/People with Disability (PwD)/Other Backward Classes Non-Creamy Layer (OBC-NCL)/General Economically Weaker Sections (GEN-EWS).

▪ **FACULTY AND THEIR AREAS OF INTEREST**

S. Mahendra Dev, (Director and Vice Chancellor), Ph.D. (Economics), Delhi School of Economics
Post-doctoral research at Yale University.

Development economics, Indian economy, macro policies, inclusive growth, agricultural policies, poverty and inequality, rural development, rural non-farm sector, food security, employment, social protection, nutrition and social security.

P.G. Babu (on Leave), Professor, Ph.D. (Economics), Indian Institute of Science, Bangalore.

Economics of information, non-cooperative game theory, environmental economics, law and economics.

S. Chandrasekhar, Professor, Ph.D. (Economics), The Pennsylvania State University, USA.

Income dynamics in rural & urban India; structural transformation; urbanization; mobility & labour market outcomes.

A. Ganesh-Kumar, Professor, Ph.D. (Economics), Indian Statistical Institute, Bangalore.

Agriculture, economic development, applied general equilibrium modelling, econometrics.

Taniya Ghosh, Assistant Professor, Ph.D. (Economics), Department of Economics, University of Kansas, USA.

Macroeconomics, international trade, international finance, development economics.

Achuthankutty Gopakumar, Assistant Professor, Ph.D. (Quantitative Economics), Indian Statistical Institute, Kolkata.

Social choice theory, game theory, and microeconomic theory.

Sargam Gupta, Assistant Professor, Ph.D. (Quantitative Economics) Indian Statistical Institute, Delhi.

Macroeconomics, monetary economics, open economy macroeconomics, empirical macroeconomics.

Manisha Jain, Assistant Professor, Ph.D. (Climate Studies), Indian Institute of Technology, Mumbai.

Climate and energy policy, energy economics, energy efficiency and demand side management.

Srijit Mishra (Dean Academic & Student Affairs), Professor, Ph.D. (Economics), Jawaharlal Nehru University, New Delhi (through CDS Thiruvanthapuram).

Applied development economics (agriculture/rural development, human development, measurement of development indicators, public health and related issues), public policy, game theory.

G. Mythili, Professor, Ph.D. (Econometrics), University of Madras, Post-doctoral research at the University of California, Berkeley.

Environmental economics, agricultural economics.

Bharti Nandwani, Assistant Professor, Ph.D. (Economics), Shiv Nadar University.

Political economy, development economics.

Sudha Narayanan, (on Leave) Associate Professor, Ph.D. (Agricultural Economics), Cornell University, USA.

Agricultural economics, development economics, new institutional economics, applied econometrics.

Digvijay Singh Negi, Assistant Professor, Ph.D. (Quantitative Economics), Indian Statistical Institute, Delhi.

Agricultural economics, international trade, risk and insurance, development economics, health, and nutrition, environmental economics.

Rupayan Pal, Professor, Ph.D. Indira Gandhi Institute of Development Research, Mumbai.

Applied theory, industrial organization, environmental economics, labour economics, public economics.

Vijay Laxmi Pandey, Professor, Ph.D. (Agricultural Economics), G. B. Pant University of Agriculture & Technology, Pant Nagar.

Agricultural economics, environmental economics, food security and nutrition.

K.V. Ramaswamy, Professor, Ph.D. (Economics), Delhi University.

Development economics and industrial economics.

Jayati Sarkar, Professor, Ph.D. (Economics), University of Southern California, USA.

Institutional economics, corporate governance, ownership and performance studies.

Shubhro Sarkar, Associate Professor, Ph.D. (Economics), The Pennsylvania State University, USA.

Game theory, industrial organization, political economy, applied theory, experimental economics.

Subrata Sarkar, (Dean of Faculties) Professor, Ph.D. (Economics), University of Southern California, USA.

Applied econometrics, corporate finance, corporate governance, risk modelling, productivity and efficiency studies.

Rajeswari Sengupta, Associate Professor, Ph.D. (Economics), University of California, Santa Cruz.

International finance, open economy macroeconomics, applied econometrics, Indian economy.

Vinod K. Sharma, Professor, Ph.D. (Environmental Engineering), Indian Institute of Technology Bombay, Post-Doctoral Research (STA) Fellow at NIES, Ministry of Environment, JAPAN; Post-Doc Research (USAEP Fellow) at the World Bank, USA.

Energy, environment and sustainable development.

Rajendra R. Vaidya, Professor, Ph.D. (Economics), University of Poona.

Industrial economics, macroeconomics and corporate finance.

C. Veeramani, Professor, Ph.D. (Economics), Jawaharlal Nehru University, New Delhi (through CDS Thiruvanthapuram).

International trade, industrial development.

Sudhakar Yedla, Professor and Former Vice-Chancellor, Dravidian University, Kuppam, Ph.D. (Environmental Engineering and Management), IIT, Kharagpur; Post-Doc at Asian Institute of Technology, Thailand; Diploma in International Environmental Law, UNITAR, Switzerland; Certification in Environmental Economics and Development Policy, World Bank Institute, USA.

Urban environmental policy; environmental economics; climate studies; sustainable cities; solid waste management; sustainable mobility; provision of urban environmental services; EIA of development initiatives; development of eco-industrial parks (EIPs); air pollution control strategies.

■ ADMINISTRATION

Jai Mohan Pandit, Registrar (Fulbright Scholar)

Ph.D. in Management and Labour Studies, Tata Institute of Social Sciences, Mumbai.

■ LIBRARY

Shamprasad M. Pujar, Chief Librarian

M.A., MLISc., Ph.D. Karnataka University, Dharwad
PGDCA, Madurai Kamaraj University, Madurai.

■ COMPUTER CENTRE

Lingaraj Panda, Systems Analyst

M.Sc. Utkal University, PGDCA, ACE, Bhubaneswar.