



भारतीय प्रौद्योगिकी संस्थान कानपुर
Indian Institute of Technology Kanpur

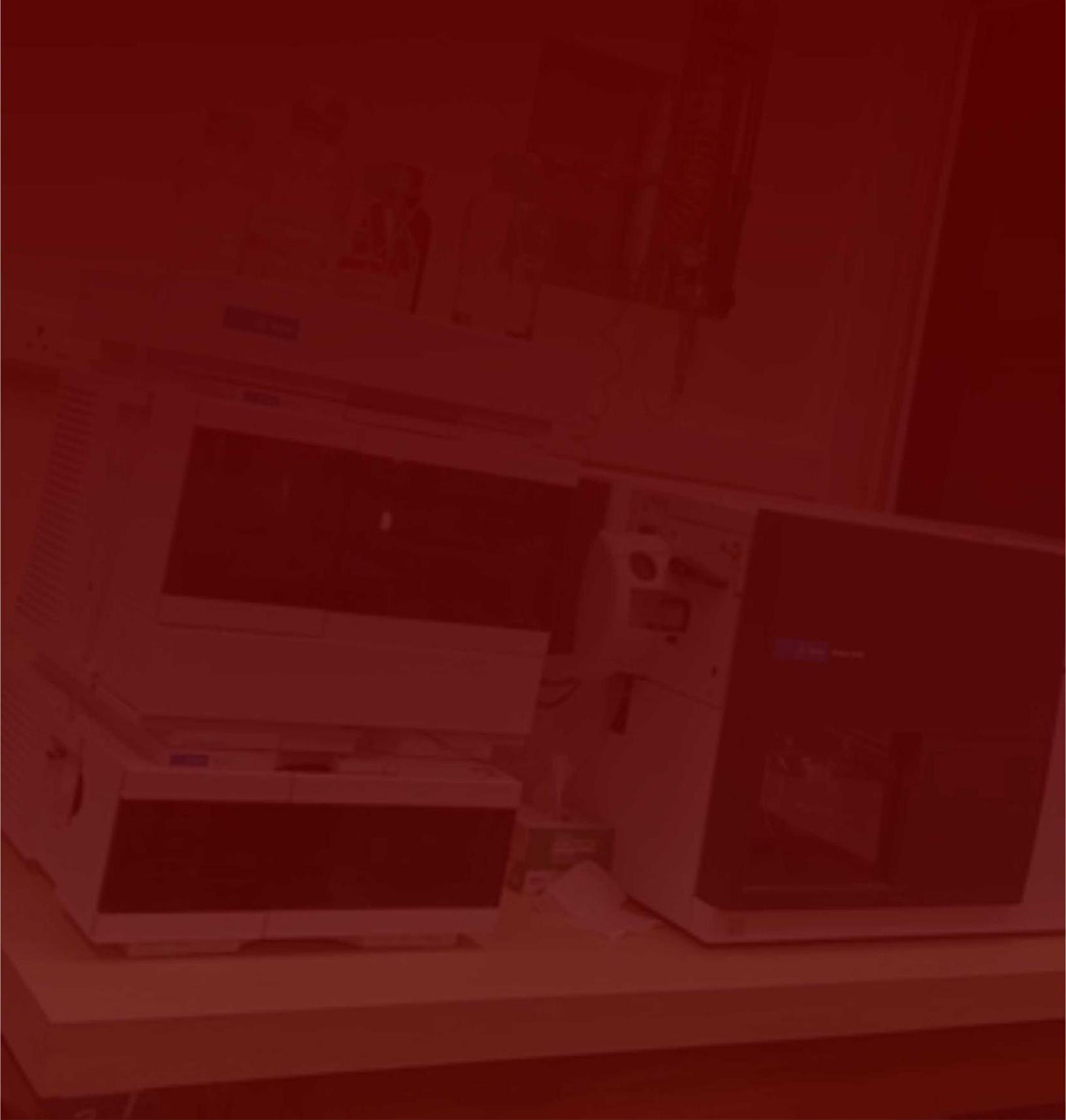
ECONOMIC SCIENCES

POST GRADUATE PROGRAM

Website: www.iitk.ac.in/eco/

ECONOMIC SCIENCES

With an ever-increasing emphasis on a technology-driven economy, interdisciplinary economic research has become the key to global economic prosperity. IIT Kanpur's Department of Economic Sciences – the first among all IITs – is a pioneer in economic research, teaching and outreach activities. With its rigorously trained and proficient faculty, the department is fast emerging as a prominent center for economic research in India.



POST-GRADUATE PROGRAMMES OFFERED

Ph. D. Programme Course Structure

- ❖ Five-years programme, with a set of courses and high quality research opportunities.
- ❖ Two-semester coursework, followed by a comprehensive examination

COURSES

The two-semester Ph. D. coursework will consist of compulsory courses in the following fields:

- ❖ Advanced Microeconomics
- ❖ Advanced Macroeconomics
- ❖ Econometrics
- ❖ Quantitative Methods

Moreover, the students will be asked to choose a set of elective courses. In recent years, the following elective courses have been offered::

- ❖ Applied Econometrics
- ❖ Bayesian Data Analysis
- ❖ Bayesian Econometrics
- ❖ Contract Theory
- ❖ Development Economics
- ❖ Efficiency and Productivity Analysis
- ❖ Financial Econometrics
- ❖ Foundation of Finance
- ❖ Game Theory
- ❖ Industrial Organization and Policy
- ❖ Labour Economics
- ❖ Law and Economics
- ❖ Mathematical Analysis for Economics
- ❖ Monetary Economics
- ❖ Program Evaluation: Methods and Applications
- ❖ Quantitative Analysis of International Trade
- ❖ Topics in Economic Growth

LABS/FACILITIES

- ❖ Dedicated Economics Lab, equipped with desktops, for the use of PhD students

FACULTY LIST

Vimal Kumar; (Ph. D., University of California, Irvine, U. S.A.)

Professor and Head of the Department, Research Interests: Economics of Conflict, Microeconomic Theory, Political Economics, Economic Growth and Technological Development, and Game Theory.

Joydeep Dutta; (Ph. D., I. I. T. Kharagpur, India)

Professor, Research Interests: Optimization Theory.

Praveen Kulshreshtha; (Ph. D., Cornell University, U. S.A.)

Professor, Research Interests: Microeconomics, Industrial Economics, Economics of Corruption and Business Ethics.

Somesh K. Mathur; (Ph. D., Jawaharlal Nehru University, India)

Professor, Research Interests: Efficiency and Productivity Analysis, New Trade and Growth Theories, and WTO Issues such as TRIPS and IT policy.

P. Murali Prasad; (Ph. D., University of Hyderabad, India)

Professor, Research Interests: Microeconomics, Law and Economics, and Environmental Economics.

Sarani Saha; (Ph. D., University of California, Santa Barbara, U. S.A.)

Professor, Research Interests: Applied Microeconomics, Environmental Economics and Public Economics.

Sohini Sahu; (Ph. D., State University of New York at Albany, U. S.A.)

Associate Professor, Research Interests: Macroeconomics.

Mohammad Arshad Rahman; (Ph. D., University of California, Irvine, U. S.A.)

Associate Professor, Research Interests: Bayesian Econometrics, Econometrics and Applied Econometrics.

Deep Mukherjee; (Ph. D., University of Connecticut, U. S.A.)

Associate Professor, Research Interests: Agricultural Economics, Environmental Economics, Efficiency and Productivity Analysis, and Public Policy.

Debayan Pakrashi; (Ph. D., University of Queensland, Australia)

Associate Professor, Research Interests: Behavioural Economics, Health Economics, Labour Economics and Economic Development.

Wasim Ahmad; (Ph. D., University of Delhi, India)

Associate Professor, Research Interests: Macroeconomics, Financial Economics and Applied Econometrics.

Sukumar Vellakkal; (Ph. D., ISEC Bangalore, India)

Assistant Professor, Research Interests: Public policy and the impact evaluation techniques; Large data analysis and the applied econometrics; Macroeconomics and health.

FACULTY LIST

Thirumulanathan D; (Ph. D., Indian Institute of Science, Bangalore, India)

Assistant Professor, Research Interests: Game Theory, Optimization, and Wireless Communications.

Sounak Thakur; (Ph. D., Washington University, St. Louis, U.S.A.)

Assistant Professor, Research Interests: Family and Labour Economics.

Bikramaditya Datta; (Ph. D., Columbia University, U. S. A.)

Assistant Professor, Research Interests: Finance.

Hargungeet Singh; (Ph. D., New York University, U.S.A.)

Assistant Professor, Research Interests: Microeconomic Theory and Corporate Finance

Vasudha Jain; (Ph. D., University of Texas at Austin, Texas, U. S. A.)

Assistant Professor, Research Interests: Economics of Information, Game Theory, Microeconomic Theory

Anand Chopra; (Ph. D., British Columbia University, Canada)

Assistant Professor, Research Interests: Household Finance and International Macroeconomics.

Aditya Vikram; (Ph. D., Indian Statistical Institute - Delhi)

Assistant Professor, Research Interests: Mechanism design, Auction theory.

Mahamitra Das; (Ph. D., Indian Statistical Institute - Kolkata)

Assistant Professor, Research Interests: Applied Time Series Econometrics, Real Estate Economics.

Raghvi Garg; (Ph. D., Ashoka University)

Assistant Professor, Research Interests: Choice Theory, Decision Theory, Behavioral Economics, Experimental Economics.

Neelanjan Datta; (Ph. D., Cornell University)

Assistant Professor, Research Interests: Public Finance, Political Economy, Macro-Development.

Srinivas Arigapudi; (Ph. D., University of Wisconsin - Madison)

Assistant Professor, Research Interests: Evolutionary Game Theory, Agent-Based Simulations.

Anna Thottappilly; (Ph. D., Cornell University)

Assistant Professor, Research Interests: Agricultural economics, climate change, nutrition.

Sujaya Sircar; (Ph. D., Indian Statistical Institute - Delhi)

Assistant Professor, Research Interests: Environmental Economics, Labour Economics and Development Economics.

Sanjiv Kumar; (Ph. D., IIT Hyderabad)

Assistant Professor, Research Interests: Open economy, Macroeconomics, Macroprudential policy.

BROAD RESEARCH AREAS

- Economics of Conflict, Microeconomic Theory, Political Economics, Economic Growth and Technological Development, and Game Theory.
- Money – Macro and Industrial Economics.
- Optimization Theory.
- Microeconomics, Industrial Economics, Economics of Corruption and Business Ethics.
- Efficiency and Productivity Analysis, New Trade and Growth Theories, and WTO Issues such as TRIPS and IT policy.
- Microeconomics, Law and Economics, and Environmental Economics.
- Applied Microeconomics, Environmental Economics and Public Economics.
- Macroeconomics.
- Bayesian Econometrics, Econometrics and Applied Econometrics.
- Agricultural Economics, Environmental Economics, Efficiency and Productivity Analysis, and Public Policy.
- Behavioural Economics, Health Economics, Labour Economics and Economic Development.
- Macroeconomics, Financial Economics and Applied Econometrics.
- Public policy and the impact evaluation techniques; Large data analysis and the applied econometrics; Macroeconomics and health.
- Game Theory, Optimization, and Wireless Communications.
- Family and Labour Economics.
- Finance.
- Microeconomic Theory and Corporate Finance
- Economics of Information, Game Theory, Microeconomic Theory
- Household Finance and International Macroeconomics.



भारतीय प्रौद्योगिकी संस्थान कानपुर
Indian Institute of Technology Kanpur

CONTACT

Prof. Vimal Kumar

Head, Department of Economic Sciences
IIT KANPUR

Email: head_ecos@iitk.ac.in

Office Phone: 0512-259-2293

Webpage: <https://www.iitk.ac.in/eco/>



