



Indian Institute of Technology Kanpur

# **DEPARTMENT OF ECONOMIC SCIENCES**



**Placement Brochure (2023-24)**

**Students' Placement Office**

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# ABOUT US

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 an emphasis on quantitative aspects of Economics, Business and Finance, the curriculum presents an optimal fusion of sciences with modern day technology.

The 4-year B.S. program admits students who have cleared the Joint Entrance Examination (JEE) conducted by IITs, with Economic Sciences being in the 5 most sought after branches according to closing ranks. Other programs offered by the department include B.S.-M.S. Dual Degree, M.Sc. (2 year) and Ph.D.

The Department of Economic Sciences is guided by 25 permanent highly qualified and experienced professors – who are doctoral fellows of the world-renowned institutions – with research and teaching interests that cover a broad range of fields. Apart from having strength in traditional areas like microeconomics, macroeconomics, and econometrics; the department has expertise in agricultural economics, bayesian econometrics, behavioural economics, development economics, efficiency, and productivity analysis, environmental economics, financial economics, health economics, industrial economics, international trade, labour economics, law and economics, optimization theory, political economy, family economics, and public policy. They also provide practical challenges to students in the form of term papers, undergraduate research projects, et cetera.



# MAJOR DEGREE PROGRAMS

The department primarily offers four degrees in economics: 4 year B.S., 5 year B.S.-M.S. Dual Degree, 2 year M.Sc., and Ph.D. in Economics.



## **4-year B.S. & 5-year B.S.-M.S. Dual Degree**

The 4-year B.S. program is structured to primarily train the students in economics with strong emphasis on econometric and mathematical techniques which are essential for economic analysis and modelling. The economics students also learn about sciences, technology and engineering through the common courses designed for all IITK students, irrespective of their department. The program also provides opportunities to write term papers and do research projects, thus enabling them to apply and implement their knowledge to solve real economic problems.

The 5-year B.S.-M.S. Dual Degree program is an extension of the 4-year B.S. program for interested and academically excellent students including a rigorous masters thesis.



## **2-year M.Sc.**

Since 2023-24, the department also offers a two-year Master of Science (M.Sc.) program in Economics. The curriculum for the program has been designed to not only equip students to acquire core competencies as professional economists but also to leverage the unique combination of expertise at the frontiers of economics and technology at IIT-K to impart cutting-edge skills in emerging interdisciplinary areas.



## **Ph.D.**

The Ph.D. program is primarily designed for students interested in pursuing a career in teaching and research within academia. It is also useful for students interested in certain positions within governments, research organisations, or private businesses.



# CURRICULUM AND SKILLS

In the 4-year B.S. and 5-year B.S.-M.S. Dual Degree programs, the economics students learn about sciences, technology and engineering through the common courses designed for all IITK students (4-year B.Tech. program included), irrespective of their department.

## Institute Core

Real Analysis and Calculus	Linear Algebra and ODE	Fundamentals of Computing
Engineering Drawing	Manufacturing Processes	Introduction to Electronics
Electromagnetism	Classical Mechanics	General Chemistry
Introduction to Biology	Physics Laboratory	Chemistry Laboratory

## Department Core

Microeconomics	Macroeconomics	Mathematical Methods
Probability and Statistics	Econometrics	Development Economics
Industrial Economics	International Economics	Indian Economic Problems

## Department Elective

Applied Game Theory	Economic Growth Theory	Bayesian Econometrics
Money and Banking	Financial Econometrics	Financial Economics
Monetary Economics	Market Design	Contract Theory
Time Series Analysis	Asset Pricing Theory	Labour Economics
Managerial Economics and Business Analysis	Machine Learning for Economists	Public Economics and Public Policy
Production Economics and Efficiency Analysis	Behavioural and Experimental Economics	Economic Growth and Geopolitics

## Languages

C, C++, R, Python, JavaScript, HTML, CSS

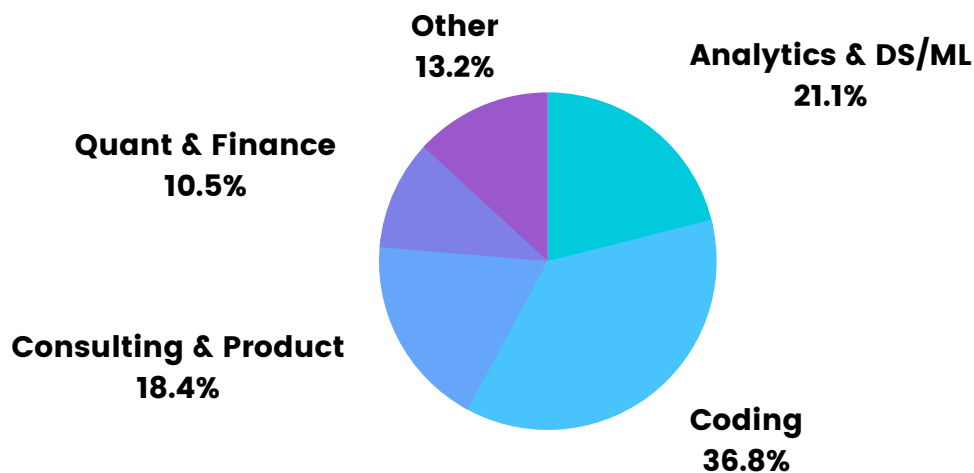
## Softwares

STATA, SAS, MATLAB, EViews, Excel Solver, GAMS, RATS

## Databases

CMIE, CEIC, WITS, NSSO

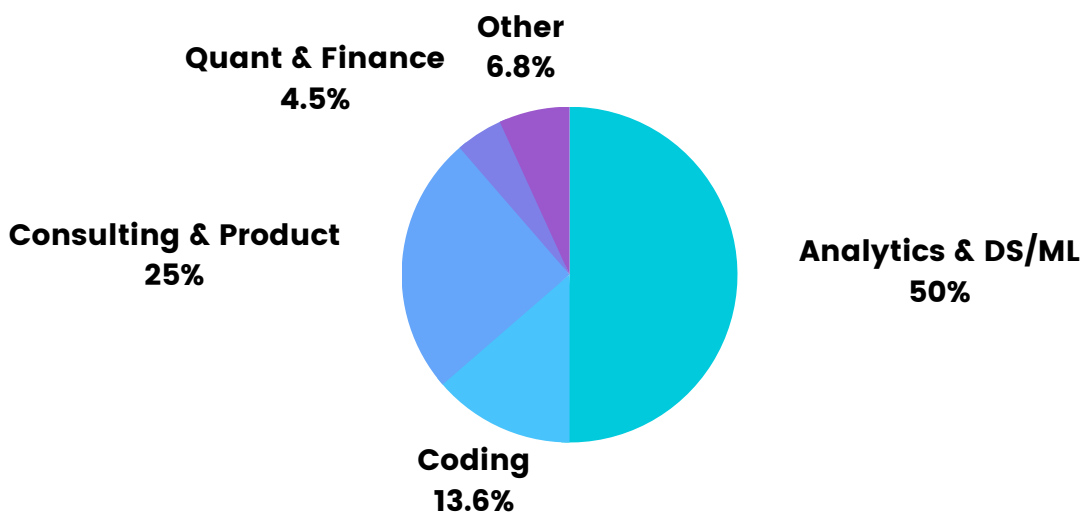
# PLACEMENT STATISTICS



2021-22

**57.9 LPA**

Highest CTC



2022-23

**37.5 LPA**

Highest CTC

**23.8 LPA**

Average CTC (2021-22)

**20.2 LPA**

Average CTC (2022-23)

# PAST RECRUITERS

McKinsey  
& Company



BCG

WORLDQUANT

JPMORGAN  
CHASE & CO.

BlackRock

Morgan  
Stanley

Goldman  
Sachs

CapitalOne



citi

WELLS  
FARGO

BARCLAYS



HSBC

NOMURA



EXL



navi



AMERICAN  
EXPRESS

indusinsights

accenture

Walmart

EY  
Building a better  
working world

KPMG

Deloitte

pwc

# DEPARTMENT FACULTY

**Vimal Kumar**

Professor & Head of the Department  
PhD (2008), University of California Irvine, USA

**Joydeep Dutta**

Professor  
PhD (1998), IIT Kharagpur, India

**Praveen Kulshreshtha**

Professor  
PhD (1997), Cornell University, USA

**Somesh K. Mathur**

Professor  
PhD (2005), Jawaharlal Nehru University, India

**P. Murali Prasad**

Professor  
PhD (1999), University of Hyderabad, India

**Sarani Saha**

Professor  
PhD (2007), University of California Santa Barbara, USA

**Sohini Sahu**

Associate Professor  
PhD (2009), State University of New York at Albany, USA

**Mohammad Arshad Rahman**

Associate Professor  
PhD (2013), University of California Irvine, USA

**Deep Mukherjee**

Associate Professor  
PhD (2012), University of Connecticut, USA

**Debayan Pakrashi**

Associate Professor  
PhD (2014), University of Queensland, Australia

**Wasim Ahmad**

Associate Professor  
PhD (2014), University of Delhi, India

**Sukumar Vellakkal**

Assistant Professor  
PhD (2009), ISEC Bangalore, India

**Thirumulanathan D.**

Assistant Professor  
PhD (2017), IISc Bangalore, India

**Bikaramaditya Datta**

Assistant Professor  
PhD (2018), Columbia University, USA

**Mahamitra Das**

Assistant Professor  
PhD (2018), ISI Kolkata, India



# DEPARTMENT FACULTY

**Sounak Thakur**

Assistant Professor

PhD (2020), Washington University in St. Louis,  
USA

**Anand Chopra**

Assistant Professor

PhD (2021), University of British Columbia,  
Canada

**Vasudha Jain**

Assistant Professor

PhD (2021), University of Texas, USA

**Hargungeet Singh**

Assistant Professor

PhD (2021), New York University, USA

**Srinivas Arigapudi**

Assistant Professor

PhD (2021), University of Wisconsin–Madison, USA

**Aditya Vikram**

Assistant Professor

PhD (2022), ISI Delhi, India

**Neelanjan Datta**

Assistant Professor

PhD (2023), Cornell University, USA

**Raghvi Garg**

Assistant Professor

PhD (2023), Ashoka University, India

**Anna Thottappilly**

Assistant Professor

PhD (2023), Cornell University, USA

**Sujaya Sircar**

Assistant Professor

PhD (2023), ISI Delhi, India



# CONTACT US



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