

Statement of Purpose

I'll concentrate on the advantages of having a Ph.D. Economics with the IISER Bhopal in this letter of intent. I believe IISER Bhopal will best equip me to achieve my future professional goals, thus I picked it.

Because it needs a lot of analytical abilities, financial economics is the field I have decided to work in. Additionally, it necessitates a strong mathematical foundation and results in profitable employment. I have excellent academic qualifications that will help me succeed in my area of study.

I graduated from the Indian Institute of Technology, Jodhpur, with a Master of Science in Digital Humanities with Honors and a minor in Computational Economics and Analytics. I also have extensive research experience in the field of economics, which has improved my understanding of data manipulation and abstract modeling. Currently, I am enrolled as a full-time Ph.D. research scholar in Financial Economics at the Indian Institute of Technology, Madras.

An IISER Bhopal Ph.D. Economics will make me an outstanding economist. During my master's at IIT Jodhpur, I had the privilege of taking International Finance, Financial Analytics, and Machine Learning for Economics (taught by a Google award recipient for research in econometrics). Additionally, the lectures he delivered inspired me to consider the financial markets critically and to come up with novel ways to improve them so that investors may better understand them and benefit from them.

I want to discuss a paper I'm doing for my Ph.D. program at IITM called "Real Estate Risk Exposure to Private and Public Sector Banks using DCC GARCH: Study from India." We are attempting to investigate the spillover effect of real estate return on NIFTY Bank index return in this piece of research, which I performed under the supervision of Professor M Thenmozhi.

My postgraduate thesis has been presented at the "Doctoral consortium at Woxsen" university." We are also getting it ready for publication.

Currently, I am undertaking empirical research on financial economics and Quantitative Finance.

Even though I love financial economics, I also want to get a wide range of practical economics experience, thus I'll be looking for real-world projects in both financial and quantitative economics. I am applying now because I have a lot of passion for the discipline, and I want to further my econometric skills. I am an innovative and persistent student, and I am prepared for the big leap in my career as an economist. I have always desired to work with the best researchers and policymakers in the world. This is why I have chosen to apply to IISER Bhopal.

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