

SRISHTI GOYAL

Athens, Greece

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EDUCATION

Ph.D. Economics, Universitat Rovira i Virgili, Spain Oct. 2021 - Feb. 2025
Visiting PhD student, University of Sussex, United Kingdom Sep. 2023 - Dec. 2023
M.Sc. Economics, TERI University, India Jul. 2014 - May 2016
B.A. (Hons.) Economics, University of Delhi, India Jul. 2011 - May 2014

RESEARCH INTERESTS

General Equilibrium Modelling, Applied Macroeconomics, Environmental Economics, Development Economics

LANGUAGES

English (fluent), Hindi (native), Spanish (basic)

SKILLS

Modelling software	MATLAB, Python, GEMPACK, GAMS
Statistical software	STATA, RStudio, EViews
Word Processing and Presentation	MS Word, Datawrapper, MS PowerPoint, Microsoft Power BI, Canva
Data collection, management	Atlas.ti, Kobo Toolbox, Google Form, MS Excel, Google spreadsheet
Soft Skills	Teamwork, Communication, Problem Solving, Leadership

ACCOMPLISHMENTS, HONOURS AND AWARDS

- Ph.D. dissertation awarded *Excellent 'Cum Laude'*, 2025.
- Marie Skłodowska-Curie Actions – MFP COFUND Fellowship (Sep. 2021 to Sep. 2024).
- Double promotion following my first-year performance review at Young Lives India, 2019.
- First-ever Research Associate at Young Lives India without a Ph.D. degree, 2018.
- Ranked amongst the top 15% in the M.Sc.; A+ Grade in master's thesis on 'Dematerialization and Income Distribution', 2016.
- Sh. Dhani Ram & Shakuntala Sud Memorial Prize for all-round performance during the B.A., 2014.
- Hindustan Pratibha Samman for excellence in academics (Grade 12), 2011.

EMPLOYMENT

Economic Modeller, E3 Modelling S.A. (Ricardo PLC), Greece October 2025 - Present

- Contribute to macroeconomic policy analysis using the GEM-E3 computable general equilibrium model within EU-funded climate and energy transition projects.
- Interpret model results, including output, employment, fiscal, and distributional effects, and translate findings into clear policy implications.
- Draft and support technical reports and analytical deliverables for European institutions.
- Collaborate with PRIMES and OPEN-PROM modelling teams on integrated assessments across energy, electricity, transport, and industrial sectors.
- Deepening expertise in the structure and mechanics of large-scale macroeconomic models.

Postdoctoral Researcher, Universitat de Barcelona, Spain June 2025 - September 2025

- Calculated biophysical footprints (materials, energy, water, land, and air emissions) for 2019 and 2022 using EXIOBASE 3.9 to extend the *A Good Life for All Within Planetary Boundaries* dataset (Doughnut dataset).
- Provided input-output modelling expertise for the MAPS (Models, Assessment, and Policies for Sustainability) project, contributing to the integration of environmental and social indicators into macroeconomic sustainability assessments.

- Conducted doctoral research culminating in the dissertation *‘Essays on Climate Change and its Distributional Impacts: CO₂ Emissions Transmission in an Integrated Global Economic System’*, using a general equilibrium perspective.
- Taught World Economy in Fall 2022 and Introduction to Macroeconomics in Spring 2024 to third and first-year bachelor’s batches, respectively.
- Teaching Assistant for the Regional Economics course of the first year Master’s batch in Spring 2023.

Research Associate, Young Lives India, India

December 2018 - March 2021

Worked alongside senior researchers in effectively pitching and delivering projects. It involved project and process management, communication, and knowledge management. Undertook both quantitative and qualitative research, supported designing research, building dashboards, conducting literature reviews, drafting, editing, and proof-reading of proposal, research reports, concept notes, etc.; prepared for and coordinated meetings, events, capacity building workshops; undertook technical interviews and recruitment assignment assessment.

- Evaluation of the M&E framework & Sustainability of three child protection investments for Children’s Investment Fund Foundation (CIFF): (a) Assisted end-to-end from proposal writing to the dissemination of the study; (b) Conducted evaluation using mixed-method research, this included desk review, evaluation matrix development, field visit – focus group discussions, and interviews with key stakeholders in Madhya Pradesh, Rajasthan, and Kolkata; (c) Wrote final reports and prepared dissemination material including presentations to share the findings and recommendations for the individual projects as well as for CIFF on mitigating the identified challenges.
- ‘Young Lives Disability Study’ for Foreign, Commonwealth and Development Office (FCDO), UK: analyzed and reported the Young Lives Longitudinal Study data from Round 5 (2016-17) of India to understand the life trajectories (educational and work experiences) of the persons with disabilities.
- ‘Young Lives Phone Survey Analysis’ for FCDO, UK: analyzed the Young Lives Longitudinal Study data from Round 4 (2013-14) & Phone Survey (2020-21) of India to understand the difference in life trajectories, both educational and work experiences, of the Older Cohort and the Younger Cohort, and the impact of COVID-19 on the educational trajectories of the Younger Cohort
- CIFF – Young Lives COVID-19 Well-being Survey: developed a tool to ascertain vulnerability among adolescents (15-19 years old) due to COVID-19, to be administered by CIFF’s partner organizations in Rajasthan with adolescents.
- ‘SDG Cohort Study’ (an offshoot of Young Lives longitudinal study) for UNICEF: worked on the inception stage of the study that focuses on ascertaining the impact of government’s schemes and programmes on the health and nutrition of 0-3 years old babies and their mothers – including tool development for the survey and preparing preliminary reports.
- Teachers’ Working Conditions in the State and Non-State Schools for Global Education Monitoring Report 2021 (UNESCO-GEMR 2021): (a) Preliminary literature review & Young Lives longitudinal study data management (transformed student-level dataset to teacher-level dataset) and descriptive data analysis for India, Ethiopia, and Vietnam; (b) UNESCO Institute for Statistics (UIS) & Unified District Information System for Education (UDISE) data extraction and processing.
- ‘Child Marriage Project’ for National Commission for Protection of Child Rights, India (NCPCR): (a) Undertook analysis and prepared report on ‘Age of Marriage and Long-Term Implications for Women in India’ for 21-30 years old women using the Demographic and Health Survey (DHS) for India, also known as the National Family Health Survey (NFHS); (b) Prepared country & states factsheets on ‘Child Marriage and Teenage Pregnancy’ amongst 15-19 years old girls using NFHS-4; (c) Prepared a pamphlet with all the information about the Indian laws related to child marriage; (d) Assisted in organizing the Rajasthan Child Marriage Consultation in Jaipur, as well as the workshop on child marriage laws with adolescent girls.
- ‘Secondary data analysis on Child Migration in India’ for UNICEF: (a) Assisted in report writing, and data analysis of National Sample Survey (NSS) – 64th round, and Census of India – 1991, 2001, 2011; (b) Prepared dissemination documents including presentation.

- ‘Development of Life Skills Measurement (LSM) Tool’ for UNICEF: (a) Assisted in situational analysis for the study, tool piloting in Delhi, Uttar Pradesh & Rajasthan; (b) Tested the validity and reliability of this psychometric tool using statistical methods; (c) Built capacity of the Master Trainers from Assam and Rajasthan on the usage and administration of the LSM on the UNILearn platform; (d) Developed the LSM dashboard for easy analysis of data by the trainers and state functionaries.

Research Consultant, UNESCO-MGIEP, India

April 2016 - March 2017

For the project ‘Rethinking Schooling for the 21st Century’:

- Revised & finalized the methodological framework for reviewing economics textbooks/documents.
- Undertook thematic coding to analyze the presence of SDG 4.7 concepts in the school level economics textbooks, curricula, and syllabi for six Asian countries (Bangladesh, Bhutan, Hong Kong (China), India, Singapore, Sri Lanka).
- Supported in conducting the workshop for the country-level consultants on coding & analysis.
- Wrote the background report based on the analysis that fed into the final report.

EXTRACURRICULAR PROFESSIONAL ENGAGEMENTS

Board Secretary , Wavemakers United Foundation	Oct. 2025 - Present
Member , Cost Action CA24160 – Comics and Sciences (COS-MICs)	Oct. 2025 - Present
Editorial Board Member , Marie Curie Alumni Association (MCAA) Newsletter	Jul. 2024 - Present
Committee Member , AERE Graduate Student Engagement Committee	Aug. 2024 - Jun. 2025
Mentor/Mentee , Women in Economics	Oct. 2022 - Jul. 2023
Regional Focal Point, Humanitarian Affairs Working Group , UN MGCY	Mar. 2019 - Apr. 2021
Coordinator , Economics Association, JDMC, University of Delhi	Jul. 2013 - May 2014
Member of the Editorial Team , Ecogene, JDMC, University of Delhi	Jul. 2013 - May 2014

FELLOWSHIPS & INTERNSHIP

Global Policy, Diplomacy, Sustainability (GPODS) Fellow	Jun. - Aug. 2021
Anubhav Fellow (Anubhavi) , Harris School of Public Policy, University of Chicago	Jul. - Sep. 2019
P3E Fellow , Vision India Foundation	Jan. - May 2019
Policy in Action Fellow , Young Leaders for Active Citizenship (YLAC – India)	Aug. - Sep. 2018
Research Intern , Federation of Indian Chambers of Commerce and Industry (FICCI)	May - Jul. 2015

PUBLICATIONS

Peer-Reviewed Journal Article

- Goyal, S., & Llop, M. (2024). The shipping industry under the EU Green Deal: An Input-Output impact analysis. *Transportation Research Part A: Policy and Practice*, 182.

Book Chapter

- Goyal, S., & Chopra, V. (2017). TRIAD & BRIC MNEs: Will the Internationalization Strategies Converge? In R.V. Tulder, A. Verbeke, J. Carneiro, & M.A. Gonzalez-Perez (Eds.), *The Challenge of BRIC Multinationals: Volume 11* (pp.93 – 143). Emerald Group Publishing Limited.

Other Publications

- Makoundou, C., Fernández Moya, S. M., & Goyal, S. (2025). Building Careers, Communities, and a Sustainable Future: 2024 MCAA Achievements and Initiatives. *IRRADIUM – The Annual Magazine of the Marie Curie Alumni Association*, 11.
- Goyal, S. (2024). Bottom-up approach for integrating sustainability in academia. *MCAA Newsletter*, 39.

WORKING PAPERS & WORKS IN PROGRESS

- How much does Air Transport contribute to global CO₂ emissions?, with Josep-Maria Arauzo-Carod and Maria Llop.

- Goods and Bads in International Trade: A New Approach, with Maria Llop.
- Main drivers of carbon emissions: Does the level of development matter?, with Maria Llop.
- Incorporating social factors into the Trade-Climate Change debate.

SCHOLARLY REVIEWING ACTIVITIES

- Reviewer, *Climate and Development* (Taylor & Francis), 2026
- Abstract Reviewer, 10th European Conference on Corporate R&D and Innovation (CONCORDi 2025)
- Project Proposal Reviewer, EURIZON Fellowship Programme, 2024
- Abstract Reviewer, ISPOR Europe 2022
- Reviewer, *Social Indicators Research* (Springer Nature), 2020 & 2021

SCHOLARLY PRESENTATIONS AND PARTICIPATION

Presented Research at Conferences/Workshops

- ‘Goods and Bads in International Trade: A New Approach’ at (a) 16th Input-Output Workshop held at Groningen, Netherlands on 27 March 2025, and (b) PRISMA Summer School 2025: Integrated Assessment Modeling for Climate & Equity held at Utrecht, Netherlands on 7 July 2025.
- ‘Main Drivers of Carbon Emissions: Does the Level of Development Matter?’ at (a) 29th International Input-Output Association Conference held at Alghero, Italy on 27 June 2023, and (b) 20th I.S.E.O. Summer School in Economics held at Iseo, Italy on 17 June 2024.
- ‘Incorporating Social Factors into the Trade-Climate Change Debate’ at (a) 3rd ECO-SOS Workshop on Economics and Sustainability: Gender challenges held at Reus, Spain on 12 May 2023, and (b) Excluded spaces: Gender, identity, and inequalities held at Tarragona, Spain on 8 June 2023.
- ‘The Shipping Industry under the EU Green Deal: An Input-Output Impact Analysis’ at (a) EcoMod2022 International Conference on Economic Modeling and Data Science held at Ljubljana, Slovenia on 16 September 2022, (b) 9th Hispanic-American Conference on Input-Output Analysis held at Aveiro, Portugal on 22 September 2022, (c) 8th International Conference on Empirical Issues in International Trade & Finance held at Delhi, India on 15 December 2022, and (d) 11th PhD-Student Workshop on Industrial and Public Economics held at Reus, Spain on 10 February 2023.
- ‘Presence of Education for Peace, Sustainable Development and Global Citizenship in Secondary School Economics Textbooks and Curricula’ at the 11th Biennial Comparative Education Society of Asia (CESA) held at Siem Reap, Cambodia on 12 May 2018.

Invited Speaker Engagement

- *C6 Seminar Series*, Joint Research Centre (JRC), European Commission, 3 April 2025: ‘*The Shipping Industry under the EU Green Deal: An Input-Output Impact Analysis.*’
- *FEEM Webinar on ‘Innovative Approaches for Input/Output Analysis Applied to Economic and Environmental Problems’*, Fondazione Eni Enrico Mattei (FEEM), 2 October 2025: ‘*Goods and Bads in International Trade: A New Approach.*’

Conferences Attended

- AERE 2025 Summer Conference held at Santa Ana Pueblo, New Mexico, USA on 28-30 May 2025.
- 2025 MCAA Annual Conference and General Assembly held at Kraków, Poland on 20-22 March 2025.

ADDITIONAL PROFESSIONAL DEVELOPMENT ACTIVITIES

- ‘8th Lindau Nobel Meeting in Economic Sciences’ organised by the Council for the Lindau Nobel Laureate Meetings and the Foundation Lindau Nobel Laureate Meetings at Lindau, Germany (26-30 August 2025).

- ‘PRISMA Summer School 2025: Integrated Assessment Modeling for Climate & Equity’ organised by Utrecht University (7-11 July 2025).
 - Workshop on ‘Open Science and Reproducible Research in RStudio and Jupyter Notebook’ organised by Universität Innsbruck (28-29 November 2024).
 - ‘Researchers Connect Online Training’ organised by the British Council (11-21 November 2024).
 - ‘Foundations of DSGE Macro-Modelling & International Trade and Gravity Models’ organised by the Centre for International Macroeconomic Studies (CIMS) in the School of Economics, University of Surrey (9-18 September 2024).
 - ‘Panel Data Econometrics using STATA and Eviews’ organised by M&S Research Hub (April - July 2024).
 - ‘20th I.S.E.O. Summer School in Economics – The World Economy’s Shifting Winds. New Challenges, Threats and Opportunities’ organised by and at I.S.E.O. Institute, Iseo, Italy (15-22 June 2024).
 - ‘Advanced Computable General Equilibrium (CGE) using GAMS, GTAP, and R’ organised by M&S Research Hub (24 February - 3 March 2024).
 - ‘TERM CGE Modelling Course 2023’ organised by Centre of Policy Studies (CoPS) at Austrian Institute of Economic Research (WIFO), Vienna, Austria (19-23 June 2023).
 - ‘Demystifying Environment Data for Communication and Impact’ organised by Centre for Science and Environment (31 May - 14 June 2023).
 - Workshop on ‘Science Communication’ organised by Instituto de Ciencias de la Educación, Universitat Rovira i Virgili (1 June 2023).
 - ‘2023 Spring School on Transferable Skills’, organised by the Internationalization Committee of the Department of Pharmacy of the University of Naples Federico II in collaboration with Aurora and the University of Glasgow (24-25 May 2023).
 - ‘Energy and Environmental CGE Modeling with GAMS’, organised by EcoMod at Hotel Conrad, Dubai (6-10 March 2023).
 - ‘Macroeconomic IO modelling’, organised by School of Input–Output Analysis at University of Aveiro, Portugal (21 September 2022).
 - ‘Behavioral Macro and Complexity’, organised by Tinbergen Institute (22-26 August 2022).
 - ‘Practical General Equilibrium Modeling with GAMS’, organised by EcoMod at Czech University of Life Sciences, Prague, Czech Republic (26 June - 1 July 2022).
 - ‘Towards an Inclusive Digital Society: Shaping the Agenda for Technology Design’, organised by the Centre for IT and Public Policy (CITAPP) at IIIT-B, Bangalore, India (10-12 December 2018).
 - BLISS 2015 – Winter School on Sustainability ‘SDG 12- Ensuring Sustainable Consumption and Production Patterns’ organised by TERI University and UNEP at TERI-U, Delhi, India (2-6 November 2015).
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