

Full Name:	Dr. Hiranmoy Roy	
Teaching Experience:	21 Years	Research Experience: 24 Years
Research Interest and Fields of Specialization <ol style="list-style-type: none"> 1. Development Economics 2. Energy Economics 3. Econometric Modelling 		
Honours & Awards <ol style="list-style-type: none"> 1. UGC - Fellowship for Ph.D. (2001-2004). 2. Appreciation from IIM Kashipur for designing Green Economics Course (World Bank Green Program). 3. Best Research Paper Award from Institute of Global Business Research (IGBR), USA. 		
Member of Academic Institutions <ol style="list-style-type: none"> 1. The Indian Econometric Society (TIES). 2. Institute of Global Business Research (IGBR), USA 3. Indian Academic Researchers Association (IARA). 		
Research Supervision (No. of Ph.D. Degree Awarded/Submitted/Registered) <ol style="list-style-type: none"> 1. Seven Awarded 2. Three Registered 		
Research Projects/ MoU Undertaken <ol style="list-style-type: none"> 1. Title - Trend and Pattern of Human Development in Assam; Funding Agency - UGC; Completed - 2008 2. Title - Clean Coal Technology and Its Implication for the overall Energy Scenario of India and Japan; Funding Agency - NITI Aayog; Completed - 2017 3. Title - Impact of High Penetration of Renewables on Grids of India and Japan; Funding Agency - NITI Aayog; Completed - 2017 4. Title - Economic Survey: Government of Uttarakhand; Funding Agency - Directorate of Economics and Statistics, GoUK; Completed - 2019 5. MoU with Gokhale Institutes of Politics and Economics, Pune 6. MoU with Vilnius Tech University (Public University), Lithuania 7. MoU with NITI Aayog 8. MoU with Oracle IAS Coaching Academy 		
Administrative Experience <ol style="list-style-type: none"> 1. HoD (2007-08) - Department of Economics, Karimganj College, Assam 2. HoD (2017-2022) - Department of Economics and International Business, UPES, Dehradun 3. Head (2016-17) - Centre for Energy Economics Research, UPES, Dehradun 4. IQAC Exe. Member (2020-22), UPES, Dehradun 5. Academic Council Sub-Committee Member (2020-22), UPES, Dehradun 6. Dean (2023-24) - School of Liberal Arts and Management (SoLAM), DIT University, Dehradun 7. Board of Studies Member in UPES, 2020-2022 8. Examination Committee Member in the School of Business, UPES, 2021-22 9. Examination Committee Member in the School of Business, UPES during 2021-22 		

Scientific Visits Abroad/ International Collaboration

1. Visited Asian Institute of Technology, Bangkok
2. Collaboration with Institute of Global Business Research (IGBR), USA

Conference/Symposium/Workshop Attended during last five years (2019-2024)**International**

- 1) Received Best Paper Award for my paper. “Dynamic causality among environmental quality, income, energy use, trade openness and structural change in India” in the International Conference conducted by Institute for Global Business Research on April 6-8, 2022, New Orleans, USA.
- 2) Invited as Resource Person session in Faculty Development Programme on “Research Methodology – Contemporary Issues” conducted by jointly organized by Indian Academic Researchers’ Association and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education on 08 -22 December, 2021.
- 3) Presented a paper, “Analysing the scenario of Human Development Index convergence across global level: a bootstrapped simultaneous quantile regression approach” in the International Seminar conducted by UGC-SAP DRS-II, Department of Economics, Tripura University in Collaboration with Research Information System (RIS), New Delhi on March 22 – 24, 2022.
- 4) Acted as Resource Person and delivered an invited lecture in the 7th Faculty Induction Programme during 4th July – 31st July, 2023 MZU/UGC-HRDC.
- 5) Presented a paper “Energy Efficiency in Sustainable Food Industry” International Conference on Management of Information System (ICMIS) – 2023 in September 23-24, 2023 in Bangkok.
- 6) Presented a paper “Challenges and Solution for Renewable Energy (RE) Development in Uttarakhand” in the International Conference on Knowledge and Policy for Sustainable Development conducted by Guru Govind Singh Indraprastha University, New Delhi on 25th – 27th September, 2019

National

- (1) Presented a paper “International Linkages of Rubber Futures Market in India” in 6th Agro Horticulture Supply Chain Conference 2019 conducted by Department of Transportation and Department of General Management at School of Business, UPES, and Dehradun on 4th and 5th October, 2019.

Conference/Symposium/Workshop Organized during last five years (2019-2024)

- 1) Organized 1st Doctoral Colloquium in Management, Economics and Information Technology jointly by College of Management and Economic Studies (CoMES) and School of Computer Science and Engineering (SoCSE), UPES in Collaboration with Gokhale Institute of Politics and Economics (GIPE), Pune on 18th November, 2017 as Co-Chair.
- 2) Organized one FDP on Times Series Econometrics on 21st and 22nd April 2017 in College of Management and Economic Studies, UPES. Total number of 35 faculties attended this FDP (12 from outside UPES). The resource persons in the FDP were Dr. M. Ramachandran, Professor of Economics and Registrar, Pondicherry University and Dr. Sunil Paul, Madras School of Economics
- 3) Conducted Fifth International Conference on Management of Infrastructure (ICMI) - 2016 on 9-10th February 2017 as Co-Convener.
- 4) Conducted the Fourth International Conference on Management of Infrastructure (ICMI) - 2016 on 4-6 February 2016 as Co-Convener.
- 5) Conducted an International Conference as Team Member 1st International Conference on Applied Economics and Time Series Econometrics (ICAETE –I) conducted in IBS Hyderabad and participants from 12 foreign Universities participated in the conference on 17th -18th April 2009.

Publications during last five years (2019 - 2024)

- 1) Roy, Hiranmoy and Bhat, Mohammad Yonus (2021). “Challenges and Solution for Renewable Energy (RE) Development in Uttarakhand” in Int. J. of Economic Policy in Emerging Economies – Scopus / ABDC – C, <https://www.inderscienceonline.com/doi/pdf/10.1504/IJEPEE.2021.118990>, Vol. 14, No – 5-6, 9 Nov 2021, pp 487-50, ISSN: 1752-0460.
- 2) Roy, Hiranmoy, Rej, Saumen and Rajaiah Jayaraj (2023). "Investigating the asymmetric impact of renewable energy consumption and trade openness for carbon emission abatement using N-ARDL approach: a case of India", *Management of Environmental Quality*, Vol. ahead-of-print No. ahead-of-print. <https://doi.org/10.1108/MEQ-01-2023-0012> (Q1 Journal, Impact Factor- 5.80)
- 3) Goswami, Anju, Roy Hiranmoy and Giri, Prashant (2021). “Does HDIs level sustainable during 1999/2018 across cross-nations? An application of bootstrap quantile regression approach” *Sustainable Operations and Computers* 2 127–138, Elsevier. DoI: <https://doi.org/10.1016/j.susoc.2021.06.001>, ISSN: 2666-4127
- 4) Goswami, Anju, Roy Hiranmoy (2023). “Analyzing the Scenario of HDI Convergence across Countries A BSQR Approach” *Economic and Political Weekly (EPW)*, April 15, 2023, Vol. LVIII, No.15. <https://www.epw.in/journal/2023/15/commentary/analysing-scenario-hdi-convergence-across.html>, PP- 20-24
- 5) Malinga, Francis and Roy, Hiranmoy (2023). “Market Access and Air Connectivity: The East African Region's Major Air Transport Connectivity Factors” , *Empirical Economics Letters*, 22 (Special Issue 3), ISSN 1681 8997, <https://doi.org/10.5281/zenodo.7930506>, (April 2023), Impact Factor 0.9.
- 6) Malinga, Francis, Jain, Arvind and Roy, Hiranmoy (2023). “Bilateral Air Service Agreements on Air Service Markets in Africa”, *Empirical Economics Letters*, 22 (Special Issue 1): (October 2023) ISSN 1681 8997 <https://doi.org/10.5281/zenodo.10204685>
- (7) Dalei, Narendra and Roy, Hiranmoy, (2020). “The empirical relationship between carbon emission and energy use of BRICS nations”, *Journal of Public Affairs (Impact Factor – 0.860)*,

DOI: 10.1002/pa.2154, on May 2020, PP – 1-6, Vo. 21, Issue.1, <https://onlinelibrary.wiley.com/doi/abs/10.1002/pa.2154>, ABDC – B. ISSN:1479-1854

(8) Deshpande, Swarupa, Roy, Hiranmoy, Dhingra, Tarun and Gupta, Sumeet (2020). “Sustainable Procurement for improving project performance for oil and gas projects” (IJPM_10133) in International Journal of Procurement Management, Inderscience Publisher (Scopus / ABDC -C), ISSN – 17538432, (April- 2020 (Impact Factor - 0.590), Vol. 13, No. 2, PP: 143.

(9) Sharma, Anukriti, Roy, Hiranmoy and Dalei, Narendra (2019). “Estimation of Energy Intensity in Indian Iron and Steel Sector: A Panel Data Analysis, Statistics in Transition New Series (Scopus), Polish Statistical Association, June 2019 vol. 20, No. 2, pp. 107–121, Doi 10.21307/stattrans-2019-017, ISSN 1234-7655.

(10) Gupta, Sonal, Chakraborty, Deepankar and Roy, Hiranmoy (2020). “Electricity price determinants of the Indian power market”, International Journal of Business Excellence (Impact Factor 0.80), 31st March, 2020 Vol.20 No.4 , pp.549 – 560, (ABDC – C) 2019, ISSN online 1756-0055, DOI: 10.1504/IJBEX.2020.106436.

Proceedings:

- (1) Roy, Hiranmoy and Bhatt, Younus (2021). “Challenges and Solution for Renewable Energy (RE) Development in Uttarakhand, India “in the edited volume “Climate Resilience and Environmental Sustainability Approaches” edited by Anubha Kaushik, C. P. Kaushik, and S. D. Attri, DOI: <https://doi.org/10.1007/978-981-16-0902-2>, eBook ISBN 978-981-16-0902-2, Springer Nature, Malaysia.
- (2) Roy, Hiranmoy and Dalei, Narendra Published a paper “Empirical Relation between Energy Use and Human Development: Evidence from BRICS Nations“ in an edited volume Energy Environment and Globalization – Recent Trends Challenges and Opportunities in India edited by Anshuman Gupta and Narendra Dalei and Published by Springer, ISBN – 978 – 98113-9309-9, 2019 (<https://www.springerprofessional.de/en/empirical-relation-between-energy-use-and-human-development-evid/17056964>).
- (3) Roy, Hiranmoy (2019). Status of Infrastructure” Economic Survey 2019 of Government of Uttarakhand, published by Directorate of Economics’ and Statistics, Department of Planning

Books:

1. Bhat, Mohammad Yonus, Roy, Hiranmoy and Bhatt. S. (2022). Energy Economics and the Environment, Sage Publications, October, 2022
Login to "SAGE TEXTS website"
(<https://etext.sagepub.in/etexts/store?search=true&searchString=Hiranmoy%20Roy>).
2. (Ed) Bhat, Mohammad Yonus, Roy, Hiranmoy and Bhatt, M. S. (2019). Energy Economics and the Environment: Conservation, Preservation and Sustainability, (EDs) Dr. Mohamad Yonus Bhatt, Dr. Hiranmoy Roy and Dr. M.S. Bhatt, Sage Publication, 29th July, 2020, ISBN – 978-93-5388-310-2
(<https://www.amazon.in/Energy-Economics-Environment-Conservation-Sustainability-ebook/dp/B089ZYFHW2>)

Total Number of Research Publications: 80