



FACULTY PROFILE

Name: Dr. Biswabhusan Bhuyan (Ph.D-IIT Kharagpur)



Qualification: P.G and above:

M. A., in Applied Economics from Pondicherry Central University, Puducherry.

M.Phil. in Development Economics from Central University Punjab, India.

Ph.D. Department of Humanities and Social Sciences, Indian Institute of Technology (IIT) Kharagpur, West Bengal, India

Designation:

Assistant Professor of Economics (OES-I)

Department of Economics

Bhadrak Autonomous College, Bhadrak

Email ID:

biswabhusan.bhuyan@odisha.gov.in

Area of Interest:

Applied Microeconomics, Applied Macroeconomics, Banking and Finance, and Development economics

Areas of Research:

Food security, Climate sustainability, Poverty, Productivity and Efficiency, Markets efficiency

Teaching Area:

- UG (Microeconomics, Mathematical Economics, Econometrics, Development Economics, Research methodology)
- PG (Microeconomics, Macroeconomics, Econometrics, Development Economics)

Total No. of Teaching Experience (Yrs):

- Vellore Institute of Technology, Chennai **(03 years)**,
- M.P.C. Autonomous College, Takatpur **(03 years)**
- UG: Six Years
- PG: Six Years

Computer/Econometric Skills:

- Cross-section, time series, and panel data analysis using STATA, Eviews, DEAP, Origin, and R-Software.
- Machine Learning using Python

Database Skill:

- National Sample Survey (NSSO) data
- Indian Human Development Survey (IHDS) data

- National Family Health Survey (NFHS) data
- CMIE Prowess and Consumer Pyramid Survey
- Bloomberg

Research Supervision: _

Ongoing (M.Phil/Ph.D):_

Name of the Student	Degree	University	Title of the Thesis	Date of Registration
Tulasi Mishra	Ph.D	MSCB University	Essays on Solar Energy, Foreign Direct Investment, and Economic Growth	05/04/2024

Publication Profile: Citations-266, H-Index-8, i10 index:-8

Google Scholar: <https://scholar.google.co.in/citations?hl=en&user=j64GoDYAAAAJ>

Personal Website: <https://sites.google.com/site/biswabhusanbhuyan89/home>

Research Articles Published-11

1. **Bhuyan, B.,** Mohanty, R. K., and Patra, S. (2025). Impact of climate change on food security in India: an evidence from autoregressive distributed lag model, *Environment, Development and Sustainability*. Vol. 27, pp. 6349–6369 <https://link.springer.com/article/10.1007/s10668-023-04139-3> (Published by: **Springer**; **ABDC Rank: NA**; **Science Citation Index Expanded: Index; Q1**, **Scopus**, **UGC Listed**, Electronic ISSN 1573-2975, Print ISSN 1387-585X, **I.F.-4.7**)
2. Bhuyan, B., Sahoo, B. K., & Suar, D. (2024). Calorie decomposition by gender, caste, and religion in India: an entitlement approach. *Empirical Economics*, Vol. 67, pp. 1829–1887 (Published by: **Springer nature**, **ABDC Rank: A**, **ABS-2**, **Social Sciences Citation Index, Index- Scopus, Q1**, **UGC Listed**, ISSN: 0377-7332, **I.F.-1.9**) <https://doi.org/10.1007/s00181-024-02598-9>
3. **Bhuyan, B.,** Patra, S. and Bhuian, R.K. (2022), "Measurement and determinants of total factor productivity: evidence from Indian banking industry", *International Journal of Productivity and Performance Management*, Vol. 71 No. 7, pp. 2970-2990. <https://doi.org/10.1108/IJPPM-06-2019-0256> (Published by: **Emerald**, **ABDC Rank: B**, **ABS: 1**, **ESCI - Emerging Sources Citation Index, Index- Scopus, Q1**, **UGC Listed**, ISSN: 1741-0401, **I.F.-3.385**)
4. **Bhuyan, B.,** Patra, S. & Bhuian, R.K. (2021). Do LBMA gold price follow random-walk?. *Gold Bulletin* 54, 151–159. <https://doi.org/10.1007/s13404-021-00300-w> (Published by: **Springer**; **ABDC Rank: NA**; **SCIE - Science Citation Index Expanded, Q3**, **Scopus**, **UGC Listed**, Electronic ISSN 2190-7579, Print ISSN 2364-821X, **I.F.-2.2**)
5. **Bhuyan, B.,** Sahoo, B. K., & Suar, D. (2020). Quantile Regression Analysis of Predictors of Calorie Demand in India: An Implication for Sustainable Development Goals. *Journal of Quantitative Economics*. 18(4),825–859. <https://doi.org/10.1007/s40953-020-00200-4> (Published by: **Springer nature**; **Index: Scopus, Q3**, **ABDC Rank: B**, **ESCI - Emerging Sources Citation Index, UGC Listed**, Electronic ISSN 2364-1045 Print ISSN 0971-1554, **I.F.-0.7**)
6. **Bhuyan, B.,** Sahoo, B. K., & Suar, D. (2020). Nutritional status, poverty, and relative deprivation among socio-economic and gender groups in India: Is the growth inclusive? *World Development Perspectives*, 18, 1–15. <https://doi.org/10.1016/j.wdp.2020.100180> (Published by: **Elsevier**,

Scopus, Q1, ESCI - Emerging Sources Citation Index, UGC Listed, ISSN: 2452-2929, I.F.-2.2)

7. **Bhuyan, B.,** Sahoo, B.K., & Suar, D. (2020). Food Insecurity Dynamics in India: A Synthetic Panel Approach, *Humanities and Social Sciences Open*, 2(1),1-14.
<https://doi.org/10.1016/j.ssaho.2020.100029> (Published by: Elsevier, Scopus Electronic ISSN 2590-2911, IF-4.2)
 8. **Bhuyan, B.,** Patra, S., Bhuian, R. (2020). Market Adaptability and Evolving Predictability of Stock Returns: An Evidence from India, *Asia-Pacific Financial Markets*, 27(4), 605–619.
<https://doi.org/10.1007/s10690-020-09308-2> (Published by: Springer; Index: Scopus, Q2, ABDC Rank: C, ESCI - Emerging Sources Citation Index, UGC Listed, Electronic ISSN 1573-6946, Print ISSN 1387-2834, I.F.-2.5)
 9. Mohanty, R. K., Panda, S., & **Bhuyan, B.** (2020). Does Defence Spending and its Composition Affect Economic Growth in India?. *Margin: The Journal of Applied Economic Research*, 14(1), 62-85. <https://doi.org/10.1177/0973801019886486>. (Published by: Sage; ABDC Rank: C, Index: SCOPUS, Q2, ESCI - Emerging Sources Citation Index, UGC Listed, Electronic ISSN 0973-8029, Print ISSN 0973-8010, I.F.- 0.7)
 10. Samantaraya, A., Sahoo, A. K., Mallick, A., & **Bhuyana, B.** (2014). Has Odisha become less poor in the last decade?. *Economic and Political Weekly*, 49(46), 62-67. (ABDC Rank: B; Index: SCOPUS, Q2, UGC Listed, Electronic ISSN 2349-8846, Print ISSN 0012-9976)
 11. Singh, K., & **Bhuyan, B.** (2016). Estimating Taylor Type Rule for India's Monetary Policy using ARDL Approach to Co-integration. *Indian Journal of Economics and Development*, 12(3), 515-520. (Index: Web of Science, Q4, ESCI - Emerging Sources Citation Index, UGC Listed, Electronic ISSN 2322-0430, Print ISSN 2277-5412, I.F.- 0.389)
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Book Chapter Published: 01

1. Patra, S., Pandey, T.N., **Bhuyan, B.** (2024). Stock Market Prediction Using Machine Learning: Evidence from India. In: Maglaras, L.A., Das, S., Tripathy, N., Patnaik, S. (eds) *Machine Learning Approaches in Financial Analytics*. Intelligent Systems Reference Library, vol 254. Springer, Cham. https://doi.org/10.1007/978-3-031-61037-0_17. (Published by: Springer)

Book Published (Authored): 01

1. **Bhuyan,B.** & Patra,S. (2025). Basic Economics I, *Kalyani Publisher*, New Delhi, ISBN-978-93-6440-549-2

Paper Presented in Conferences and Seminars:

International:

1. Patra, S., Bhuyan B. (2022). From Stock Market Interdependence to Informational Efficiency: A Cross-Country Evidence from Bootstrap Panel Causality Approach, *Annual event of finance research letters: CEMLA (Center for Latin American Monetary Studies) conference on New Advances in International Finance*, Mexico. Date of presentation- Friday 22, April 2022.
2. “Household Food Security Decomposition by Caste in India” Paper Presented at *26th Annual Conference of American Society of Business and Behavioral Sciences* held at Las Vegas, NV; USA between 08-12 March 2019. <https://search.proquest.com/docview/2232462305?pq-origsite=gscholar>. Date of presentation: 9 March 2019

3. "A Quantile Regression Analysis of Socio-Economic Determinants of Household Food Security in India." Paper Presented at **18th World Congress of International Economic Association** held at Mexico, Santa Fe between 19-23 June 2017. <http://www.iea-world.org/wp-content/uploads/2017/07/Biswabhusan-Bhuyan-PPT-IEA.pdf>. Date of Presentation:-20th June 2017
4. "Monetary Policy Rule for India: Evidence from Taylor's Type Rule." **4th International conference on Applied Econometrics (ICAE-IV)** organised by IBS Hyderabad on march 20-21, 2014. Date of Presentation 20th March 2014

National:

5. "A Quantile decomposition of household food security in India by caste", **54th Annual Conference of the Indian Econometrics Society (TIES)**, School of Economics, Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu & Kashmir, 2018, During March 07-09, 2018, SMVDU-Katra, Date of presentation:-07th March 2018
6. "Socio-Economic Determinants of Food Security in India: A Quantile Regression Analysis." **53rd Annual Conference of the Indian Econometrics Society (TIES)**, 2016, During December 22-24, 2016, NISER, Bhubaneswar. Date of presentation:-23rd December 2016
7. "Effects of Economic Development on Environmental Degradation in India." **UGC Sponsored National Seminar**, Post Graduate Department of Economics, North Orissa University, Baripada, Odisha, during 28-29 March, 2014. Date of Presentation: 28th March 2014
8. "Food Security and Agricultural Growth: An Overview of Bihar Economy." **Third Development Meet Organised by Centre for Development Studies**, Central University of Bihar 01-03 March, 2013, Date of Presentation:-2nd March 2013

Any Other Professional Experience:

1. Selected for Technical Education Quality Improvement Program (TEQIP II)-Sponsored Short-Term Course on Statistical Methods in Data Analysis from Indian Institute of Technology, Kharagpur.
2. **Editor:** Associate Editor for Humanities and Social Sciences Communications (Nature/Springer Publisher, Scopus, Q1) from 02-08-2023
3. **Reviewer** in the reputed journals such as;
 - a) Environmental Science and Pollution Research (Springer, SCI-Q1),
 - b) Economics Bulletin (ABDC- C),
 - c) Journal of Financial Economic Policy (Emerald, ABDC- B),
 - d) Asia-Pacific Financial Markets (Springer, ABDC – C),
 - e) World Development Perspective (Elsevier, Scopus).
 - f) Humanities and Social Sciences Communications (Springer, Scopus, Q1)

Awards/ Achievements:

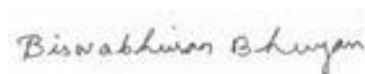
1. Received Radhanath Scholarship by Samaj Relief Committee, Cuttack, Odisha in 2006.
2. Secured 27th Rank in all India entrance examination in Pondicherry Central University for post-graduation program during 2011-2012.
3. Received merit scholarship in post-graduation program in Applied Economics in Pondicherry University.
4. Received MHRD Institute Fellowship from 2015 to 2020 at IIT Kharagpur.
5. Achieved N.C.C. A-certificate during higher secondary school in Army division.

6. Selected and Received travel grants from IIT Kharagpur twice to present research papers at best international conferences of Mexico, and USA in 2016, and 2019 respectively.

Declaration

The information furnished above is true to my knowledge.

Date: 23/09/2026



Signature: