

AMULYA GURTU

Professor & Department Head | Maritime Business Administration

Texas A&M University (College Station), Galveston, TX

ResearcherID: [G-3478-2012](#) | ORCID: [0000-0003-3149-8668](#) | [linkedin.com/in/amulyagurtu/](#)

Education

- **Ph.D., Industrial Engineering (Supply Chain Management)**
Toronto Metropolitan University, Canada
Dissertation Title: [A framework for reducing greenhouse gas \(GHG\) emissions through carbon pricing for offshore outsourcing](#)
- **Master of Business Administration (M.B.A.)**
Ivey Business School, University of Western Ontario, Canada
- **Master of Technology (M.S. Engineering), Applied Mechanics**
National Institute of Technology, Bhopal, India

ACADEMIC EXPERIENCE

Texas A&M University – Department Head & Professor, Maritime Business Administration

College of Marine Sciences & Maritime Studies | Galveston & McAllen, TX | 2024–present

University of Kansas – Department Head (Director) & Professor, Project Management

Lawrence (Overland Park), KS | 2023–2024

University of Wisconsin, Green Bay – Founding Chair & Professor, Business Administration

Cofrin School of Business | Green Bay, WI | 2015–2023 (Chair: 2019–2022)

Toronto Metropolitan University, Canada – Graduate Research Assistant & Part-Time Faculty | 2011–2014

Humber College, Toronto, Canada – Part-Time Faculty | 2009–2015

RESEARCH SUMMARY

Citations: 2,083 (Google Scholar, July 2026) | **h-index: 17** | i10-index: 23

Publications: 45 total – 35 journal articles, 6 book chapters, 3 edited books, 1 Ivey case study

Impact Areas: Sustainable supply chains • Carbon pricing and GHG emissions • Circular economy and Industry 4.0 • Logistics risk and resilience • Transportation policy • Digital supply chains

EDITORIAL AND DISCIPLINE LEADERSHIP

- Associate Editor – Operations and Supply Chain Management: An International Journal (2021–present)
 - Associate Editor – International Journal of Sustainable Economies Management, IGI Global (2021–present)
 - Associate Editor – International Journal of Systems Science: Operations & Logistics, Taylor & Francis (2019–2023)
 - Editor-in-Chief – International Journal of Sustainable Entrepreneurship & Corporate Social Responsibility (2017–2020)
 - Member, Advisory Board – Prestige Institute of Management and Research, India (2021–present)
 - Member, Project Management Institute (PMI)
-

- Member, Decision Sciences Institute (DSI)
- Member, Production and Operations Management Society (POMS)
- Vice-President (Student Relations), ASCM Fox Valley Forum (2019–2022)
- Reviewer – Multiple FT50/A*/A-ranked journals and major international conferences

INTERNATIONAL ACADEMIC ENGAGEMENT

- Visiting Faculty – Indian Institute of Management (IIM), Tiruchirappalli, India (2019–present)
- Visiting Faculty – Indian Institute of Management (IIM), Nagpur, India (2020–present)
- Ph.D. Supervisor – IILM University, India (2019–2024)
- Ph.D. Examiner – IIT Roorkee, IIT BHU, and other leading Indian institutions
- Policy representation for maritime business education at Washington D.C., April 2025

SELECTED PEER-REVIEWED PUBLICATIONS

- Afshari, H., **Gurtu, A.**, & Jaber, M. Y. (2024). Unlocking the potential of solid waste management with circular economy and Industry 4.0. *Computers & Industrial Engineering*, 195, 110457. <https://doi.org/10.1016/j.cie.2024.110457>
- **Gurtu, A.**, & Johny, J. (2019). Potential of blockchain technology in supply chain management: a literature review. *International Journal of Physical Distribution & Logistics Management*, 49(9), 881-900. <https://doi.org/10.1108/ijpdlm-11-2018-0371>
- **Gurtu, A.**, & Johny, J. (2021). Supply Chain Risk Management: Literature Review. *Risks*, 9(1), 16. <https://doi.org/10.3390/risks9010016>
- Aljazzar, S. M., **Gurtu, A.**, & Jaber, M. Y. (2018). Delay-in-payments - A strategy to reduce carbon emissions from supply chains. *Journal of Cleaner Production*, 170, 636-644. <https://doi.org/10.1016/j.jclepro.2017.08.177>
- **Gurtu, A.**, Jaber, M. Y., & Searcy, C. (2015). Impact of fuel price and emissions on inventory policies. *Applied Mathematical Modelling*, 39(3-4), 1202-1216. <https://doi.org/10.1016/j.apm.2014.08.001>
- **Gurtu, A.**, Searcy, C., & Jaber, M. Y. (2015). An analysis of keywords used in the literature on green supply chain management. *Management Research Review*, 38(2), 166-194. <https://doi.org/10.1108/mrr-06-2013-0157>
- **Gurtu, A.**, Searcy, C., & Jaber, M. Y. (2016). A Framework for Reducing Global Manufacturing Emissions. *The Journal of Environment & Development*, 25(2), 159-190. <https://doi.org/10.1177/1070496515623821>
- **Gurtu, A.**, Searcy, C., & Jaber, M. Y. (2017a). Emissions from international transport in global supply chains. *Management Research Review*, 40(1), 53-74. <https://doi.org/10.1108/mrr-09-2015-0208>

Full publication list available on [Google Scholar](#) and [ResearchGate](#).

EDITED BOOKS AND BOOK CHAPTERS (SELECTED)

- **Gurtu, A.** (Ed.) (2020). Recent Advancements in Sustainable Entrepreneurship and Corporate Social Responsibility. IGI Global. <http://doi.org/10.4018/978-1-7998-2347-6>
- Dewani, N.D., & **Gurtu, A.** (Eds.) (2020). Intellectual Property Rights and the Protection of Traditional Knowledge. IGI Global. <http://doi.org/10.4018/978-1-7998-1835-9>
- Johny, J., & **Gurtu, A.** (2024). Digital Supply Chain Technologies and Sustainability. Edward Elgar.
- **Gurtu, A.**, Afshari, H.C., & Jaber, M.Y. (2023). Managing Supply Chains and Transportation in the Arctic. Routledge.
- **Gurtu, A.** (2024). Bay Towel: How to Maintain Service Levels Without Increasing Costs. Ivey Publishing (case study).

HONORS AND AWARDS

- 2017 – Outstanding Contribution in Reviewing, Elsevier (Sustainable Production)
- 2017 – Outstanding Contribution in Reviewing, Elsevier (European Journal of Operational Research)

-
- 2016 – Outstanding Reviewer, Elsevier (Journal of Cleaner Production)
 - 2016 – Outstanding Reviewer (3×), Elsevier (Applied Mathematical Modelling)
 - 2015 – Best Reviewer Award, Elsevier (Sustainable Production and Consumption)
 - 2004 – CEO Recognition Award, Eicher Limited, for outstanding individual contribution to corporate turnaround involving manufacturing restructuring, plant closure, and organizational realignment
 - 2014 – Early Ph.D. Completion Award, Toronto Metropolitan University
 - 2013 – President’s Extra Mile Award, Humber College (excellence in teaching)
 - 2013–14 – Ontario Graduate Scholarship (OGS) for Ph.D.
 - 2011–13 – Ph.D. Scholarship, Toronto Metropolitan University
 - 1992–94 – GATE National Scholarship for M.Tech.

TEACHING EXPERIENCE

University of Kansas (2023–24):

- Capstone Graduate Course (PGMT 835); Capstone Undergraduate Course (PGMT 599)

University of Wisconsin, Green Bay (2015–23):

- Principles of SCM, Supply Chain Management, Logistics Management, Project Management, Business Statistics, Advanced Project Management, MBA (Exponential Enterprise & Abundance), Independent Research

Toronto Metropolitan University (2011–14):

- Production & Inventory Systems, Manufacturing Fundamentals, Project Management, Introduction to Management

Humber College (2009–15):

- Project Management, Resource Planning & Scheduling, Cost Management, Supply Chain Management

International Teaching:

- Global Sustainable Supply Chains Management (online, MBA) – IIM Nagpur, India (2021–22)
- Sustainability Challenges in Global Supply Chain Management (EMBA) – IIM Tiruchirappalli, India (2019–20)

CORPORATE LEADERSHIP EXPERIENCE

- Vale Inco Ltd – Director, Program Management Office | Canada | 2008–2009
- MDS Inc. – Senior Program Manager | Canada | 2004–2008
- Eicher Limited – Senior Manager | India | 1995–2004
- Alpine Industries – Project Coordinator | India | 1994–1995
- Eicher Limited – Senior Engineer, R&D | India | 1987–1992
- Hero Honda Motors Ltd – Engineering Intern, R&D | India | 1986–1987

MEDIA COVERAGE

- When the chips are down – Insights on Manufacturing (November 2022)
 - How supply chain issues affect you in Northeast Wisconsin – FOX 11 (November 2021)
 - Export upheaval – Insight on Business (June 2021)
 - Breaking the chain – Insight on Business (June 2021)
-