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ABSTRACT PROCEEDING BOOK

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Innovations in Economics, Sustainable
Development, and Business
Technologies (IDT)**

Bangkok Thailand

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- Social Sciences, Business Management, Economics & Humanities
- Engineering, Information Technology & Applied Sciences
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CONFERENCE CHAIR MESSAGE

Welcome to the "*Global Academic Research Institute*," a vital platform dedicated to supporting the global scholarly community in exploring the role of multidisciplinary innovations for the advancement of human societies. Our institute fosters collaboration among academicians, practitioners, scientists, and scholars from diverse fields, encouraging the exchange of ideas aimed at innovative interdisciplinary approaches to address societal challenges.

The research presented in this conference reflects exceptional promise and effectiveness, spanning various sub-domains such as Business, Economics, Social Sciences, Humanities, Engineering, Technology, Computer Sciences, Basic Sciences, Applied Sciences, and Medical Sciences.

I extend heartfelt gratitude to our esteemed scientific and review committees for their invaluable time dedicated to the meticulous review process of the conference papers. I also express profound appreciation to all participants for their contributions towards fostering knowledge sharing and learning.

As scholars, we hold a pivotal role in the educated class, entrusted with the responsibility of enriching society with our collective knowledge. Let us transcend all forms of discrimination and embrace a broader perspective. Together, let us strive for the betterment of humanity, fostering harmony and flourishing in all aspects of life.

Wishing you all continued blessings.

Thank you.

Dr. Sennay Ghebream
Conference Secretariat



TRACK A
MULTIDISCIPLINARY STUDIES



THE COMPARISON BETWEEN THE DEVELOPMENT AND REGULATION IN THE MOTORCYCLE INDUSTRY IN TAIWAN AND INDIA

Diwakarchand Gautam* (郭迪瓦)

MBA in SCM from National Kaohsiung University of Science and Technology,
Kaohsiung, Taiwan

Corresponding Email: Gautam.diwakarchand@gmail.com

The evolution and legal frameworks governing the motorbike industries in Taiwan and India are compared in this thesis. This research employs a qualitative, longitudinal design to investigate the ways in which past shifts in market demand and technological capabilities have shaped the development and expansion of the two-wheeler industry in these nations. The thorough gathering, evaluation, and compilation of secondary data from various sources, including academic journals, industry reports, news items, corporate materials, and policy papers, are all part of the research technique. Prominent research firms such as Mintel, MarketLine, Nielsen, the Economist, ANCMA, EICMA, McKinsey, and Frost & Sullivan, together with official figures from the transportation ministries of Taiwan and India, are important sources of data. The study explores historical data to follow the growth of the motorcycle sectors, looking at laws and regulations and industrial developments that have shaped the sector over time. Through an examination of these facets, the study seeks to pinpoint the unique and common elements that have molded the two-wheeler marketplaces in Taiwan and India. This comparative research provides greater insights into the consequences of market dynamics and technological breakthroughs on industry growth, in addition to highlighting the distinctive developmental routes and regulatory regimes of each nation's motorcycle sector. The research adds to our understanding of the ways in which technical advancement and regulatory policies interact to shape industrial development, and it offers industry stakeholders and policymakers in emerging markets alike important takeaways.

Keywords: Motorcycle industry, Market regulation, Technological advancements, India Taiwan comparison, Electric motorcycles



PUBLIC INTEREST AND MARKET BEHAVIOR: INVESTIGATING THE IMPACT OF GOOGLE TRENDS ON STOCK PRICE MOVEMENTS IN THE AUTOMOTIVE SECTOR

Ayben Koy^{1*}, Ayşenur Özçivi²

Istanbul Ticaret University, Turkey
Corresponding Email: Akoy@ticaret.edu.tr

Google is the most widely used search engine globally, providing users with easy access to information. Google Trends, a tool that has gained significant popularity in recent years, offers insights into search term volumes and their variations over time, either globally or by specific countries. This platform allows users to explore trends in search activity related to various concepts, objects, countries, or individuals, with data including search frequency changes and regional distribution. In this study, we investigate the relationship between Google Trends search volumes and stock prices within the automotive sector. The analysis utilizes Wavelet Coherence, a powerful technique that allows for the examination of correlations between time series data across different frequencies. The application of this method enables us to assess how fluctuations in public interest, as indicated by Google search volumes, correlate with stock price movements in the automotive industry. Investor behavior is not always entirely rational and that emotions and psychological factors can significantly influence market movements. Google Trends data may reflect shifts in public sentiment, which in turn can drive investor decisions, leading to corresponding price fluctuations in the stock market. The analysis of search volumes can provide a proxy for measuring market sentiment or investor attention, as increases in searches often coincide with heightened public interest in a company or sector. The results of this study provide valuable insights into the potential predictive power of Google Trends data for understanding market behavior and sentiment, offering implications for both investors and researchers in financial markets.

Keywords: Google trends, Wavelet coherence, Stock prices, Automotive sector, Financial market analysis, Sentiment analysis.



PSYCHOLOGICAL CAPITAL AND ACTIVE AGING: A MODERATED MEDIATION MODEL OF WELL-BEING AND SOCIAL SUPPORT

Yueh-Chih, Hsiao*

Department of Technology Application and Human Resource Development, National Taiwan Normal University, Taiwan, R.O.C.

Corresponding Email: zaxscd306789@gmail.com

The rapid global population aging highlights the urgent need to promote active aging. However, previous research has frequently overlooked the role of positive psychological resources and the integration of comprehensive theoretical frameworks. Grounded in Conservation of Resources theory, this study examines how psychological capital fosters active aging through well-being and evaluates the moderating mediation effect of social support. This study employed a quantitative research design, utilizing structured questionnaires to survey 212 middle-aged and older adults in Taiwan. The questionnaire measured psychological capital, well-being, active aging, and social support. Hierarchical regression analyses were conducted to assess the effects of psychological capital on well-being, the mediating role of well-being in fostering active aging, and the moderating effect of social support. The findings highlight the pivotal role of psychological capital in fostering active aging through well-being, providing the first empirical evidence of the moderating mediation effect of social support. Higher levels of social support significantly amplify the positive relationship between psychological capital and well-being, subsequently enhancing active aging. These results underscore the critical interaction between internal and external resources. This study offers valuable insights for aging societies, emphasizing the significance of enhancing psychological capital, well-being, and social support networks to promote active aging. The findings provide actionable guidance for health promotion, policy design, social services, and psychological interventions, supporting middle-aged and older adults in achieving active and fulfilling lives. This study introduces a novel perspective on the dynamic interaction and enhancement of resources, demonstrating how psychological capital drives well-being and, through the reinforcement of social support, fosters active aging. This virtuous cycle of resource gain addresses critical theoretical gaps and offers new insights and practical implications for active aging research.

Keywords: *Psychological capital, Well-being, Social support, Active aging, Conservation of resources theory.*



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