Book of Abstract Conference Proceeding

11TH RESBUS

11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science

Conference theme:
"Interdisciplinary Horizons: Shaping Sustainable, Digital, and Inclusive Futures"

Virtual Conference:
February 24, 2026

https://resbusconference.com

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11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science (11th RESBUS)

Theme: "Interdisciplinary Horizons: Shaping Sustainable, Digital, and Inclusive Futures"

Virtual International Conference
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Organized by:

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11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science (11th RESBUS)

Theme: "Interdisciplinary Horizons: Shaping Sustainable, Digital, and Inclusive Futures"

Editorial Board:

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FOREWORD

Research Synergy Foundation is a digital social enterprise platform that focuses on developing the Global Research Ecosystem towards outstanding global scholars. We build collaborative networks among researchers, lecturers, scholars, and practitioners globally for the realization of knowledge acceleration and to contribute more to society and humanity. Over 2017–2025, Research Synergy Foundation has achieved measurable outputs and extensive global reach, including: 45.000 members from 87 countries, 244 international conferences organized, 2.240 scientific reviewers globally, 2.200 published articles, publishes 22 reputable indexed international journals, 2.474 research interests, networks spanning 7.190 universities/institutions/affiliations, and broad multidisciplinary engagement.

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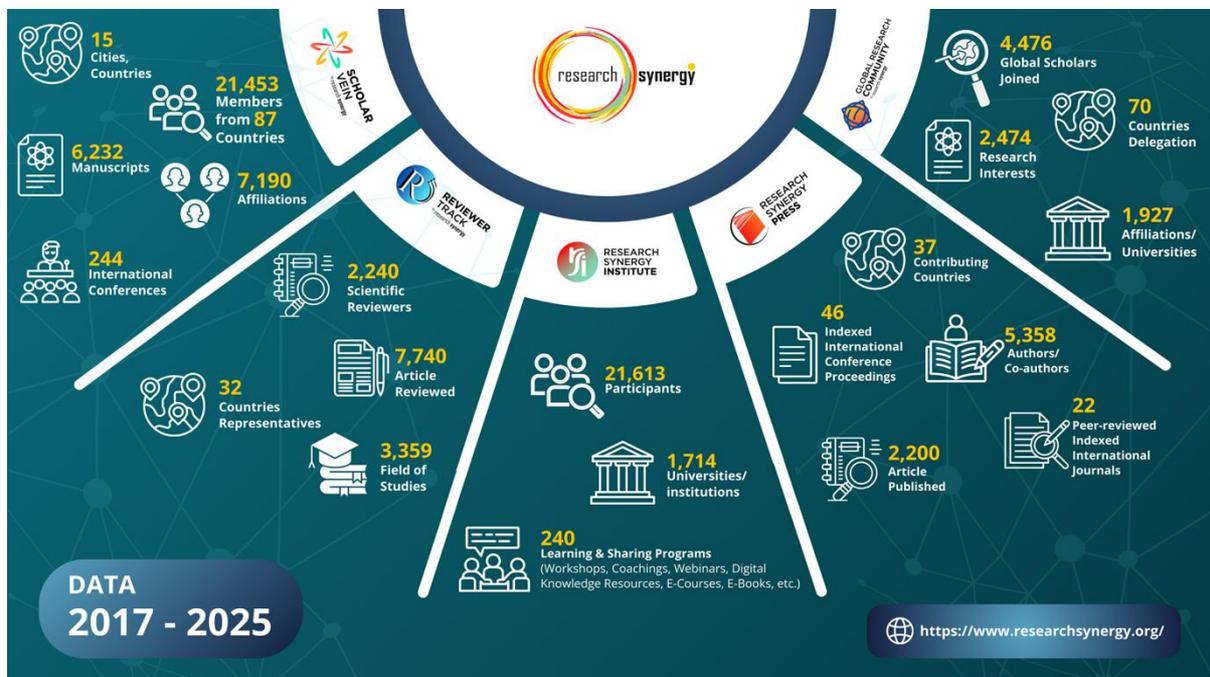
Research Synergy Foundation Global Research Ecosystem from 2017-2025

TABLE OF CONTENTS

ORGANIZING COMMITTEE

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Assoc. Prof. Dr. Hendrati Dwi Mulyaningsih
Founder & CEO of Research Synergy Foundation

Organizing Committee

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CONFERENCE CHAIR MESSAGE

Distinguished Participants and Guest,
Excellencies, Ladies, and Gentlemen

Good morning and a warm welcome to all esteemed speakers, respected presenters, honored guests, and dedicated members of our global academic community. It is with profound appreciation and great enthusiasm that I welcome you to the **11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science (11th RESBUS).**

This year's conference carries the transformative theme: "**Interdisciplinary Horizons: Shaping Sustainable, Digital, and Inclusive Futures**". This theme reflects our shared aspiration to navigate the complexities of our respective fields, foster resilient learning, and strengthen research-driven innovation and global collaboration through our Global Research Ecosystem.

We are deeply honored to feature insights from our distinguished speakers and session chairs, whose leadership will inspire our collective journey today:

- **Mohamed Yusuf Faridian Wirayat, M.S.M**. (Managing Director of Research Synergy Institute) leading the Mini Workshop on "How to be globally accepted in writing research paper: Criteria of Recommendation in Scopus/peer review international Journal".
- **Dr. Lim Seong Pek** (INTI International University, Malaysia) - Serving as our esteemed Session Chair for the Main Room.
- **Dr. Anna Bocar** (Gulf College, Sultanate of Oman) - Serving as our esteemed Session Chair for the Breakout Room.

The 11th RESBUS is proudly organized by the Research Synergy Foundation. To enhance accessibility and foster inclusive participation, this virtual conference is supported by **Scholarvein, Reviewer Track, Research Synergy Institute, Research Synergy Press, Global Research Community, and F1000Research.**

Your presence here as speakers, presenters, or global attendees embodies the spirit of scholarly collaboration. Over the course of today's schedule, we hope this virtual conference becomes a vibrant space for intellectual exchange, meaningful dialogue, and impactful partnerships that will continue long after the event concludes.

On behalf of the organizing committee, I extend my deepest gratitude to all partners, session chairs, presenters, and participants for your invaluable contribution to the success of the **11th RESBUS.**

May this conference be enriching, inspiring, and transformative for each of you. I wish you great success in your online presentations, discussions, and collaborations.

Best regards,

Assoc. Prof. Dr. Hendrati Dwi Mulyaningsih, S.E., M.M.
Conference Chair of 11th RESBUS

CONFERENCE CHAIR

Assoc. Prof. Dr. Hendrati Dwi Mulyaningsih, S.E., M.M.
Founder & CEO of Research Synergy Foundation

Associate Professor. Dr. Hendrati Dwi Mulyaningsih is the chairperson and founder of Research Synergy Foundation that has shown great commitment on creating Global Network and Research Ecosystem. This GNR ecosystem has been developing since 2017 up to the present and having increasing numbers of the member up to more than 35.000 from all around the globe. Her passion in how to create impact and co creation value among all the stake holder of RSF has made her focus on upholding integrity in the scientific process through enhancement of RSF's support- support system as like Reviewer track, Scholarvein, Research Synergy Institute and Research Synergy Press. Thus, her work in this area has made her as the Nominee of Impactful Leadership Awards from Tallberg Foundation Sweden 2019 and 2024

As lecturer, she has been working in the University since 2008 – at present in Indonesia as Associate Professor and she hold her Doctoral Science of Management graduated from School of Business and Management Institute of Technology Bandung (SBM-ITB) and she has strong interest to her research project as well as her research field in Social Entrepreneurship, Social Innovation and Knowledge Management.

As researcher, her work studies and research on this research field made her be invited as reviewer in many reputable Scopus and WOS indexed journals and as keynote speaker in many International Conferences in Philippines, Thailand, Malaysia, Indonesia, Australia, Japan, and US. She also has shown her great passion on writing her research study into some books chapter, papers and contemporary scientific articles that has already been published in Springer, Emerald, Taylor and Francis and in many reputable international publishers. The terrific association between her professional experiences as researcher, lecturer, the certified Trainer & Coach combined with her wider horizon on networking in the research area made her establish the strong commitment on having global learning platform to accelerate knowledge through many workshops and research coaching in Research Synergy Institute as one of RSF's support system.

SPEAKER

Mohamed Yusuf Faridian Wirayat, M.S.M.

Managing Director of Research Synergy Institute
Research Synergy Foundation

Mohamed Yusuf Faridian Wirayat is a researcher specializing in business strategy, marketing, and sustainable transportation. Holds a Master of Science in Management (Business Strategy and Marketing) from the School of Business and Management, Institut Teknologi Bandung (SBM ITB). Research focuses on electric vehicle (EV) adoption, urban air mobility, autonomous vehicles, and consumer behavior in transportation mode choice. Experienced as a Research Assistant in collaborative projects with institutions such as Grab Indonesia, Bank of Indonesia, and leading research initiatives at ITB. Applies stated choice experiments and advanced analytical tools, including NGENE and Python Biogeme, to examine behavioral preferences and policy implications in mobility and sustainability contexts, with publications in reputable international journals such as Sustainability, Sustainable Futures, and Research in Transportation Business & Management.

CLOSING SPEECH

Santi Rahmawati, S.T., M.S.M.

Founder & Chief of Operating Officer
Research Synergy Foundation

Santi is a Founder and Chief of Operating Officer (COO) of the Research Synergy Foundation (RSF). She actively engaged with scholars around the world for strengthening the Global Research Ecosystem. As the Director of Scholarvein, she creates, maintains, and develops the integrated system for managing international scientific conference and forum since 2017 up to 2025 and already give benefit to more than 21.453 participants coming from >87 countries. With the combination of engineering and management science educational background, she has built the optimum workflow for scholars to contribute more to the society and humanities. Santi holds her bachelor's degree of industrial engineering from Universitas Indonesia (UI). Furthermore, she had received her Master of Science Management (focusing on Entrepreneurship and Technology Management) from Institut Teknologi Bandung (ITB) in 2015. Santi has appointed as a Gateway Advisor in F1000Research (Scopus Q1). She has already been an editor of three published books (both published by Routledge, Taylor & Francis), a reviewer in many reputable international journals, an author and co-authored multiple international research articles and book chapters.

SESSION CHAIRS

Dr. Lim Seong Pek
INTI International University, Malaysia

Lim Seong Pek is a Senior Lecturer at the Faculty of Education and Liberal Arts, INTI International University. He holds a Bachelor of Education (Hons.) Teaching English as a Second Language (TESL) from Universiti Industri Selangor, a Master of Education (TESL) from Universiti Malaya, and a Doctor of Education (Ed.D) fully sponsored by Universiti Selangor. Besides lecturing, he is also an active researcher. He is actively involved in numerous research grants ranging from university, community, industry, and at the national level. He sits on various editorial boards of journals in Indonesia and the Philippines. His area of academic expertise is Edu-Media Literacy, English Language Teaching, and Children's Literacy Studies. He has published numerous articles indexed in Scopus and Web of Sciences on Gamification in Education, Interactive Learning, and Children's Educational Well-being.

Dr. Anna Bocar
Gulf College, Sultanate of Oman

Dr. Anna Bocar is a lecturer with over 20 years of experience in higher education. She is a Doctorate in Business Administration from the University of San Jose-Recoletos, Cebu City. She completed her Master's in Business Administration at Immaculate Conception College, La Salle, and Bachelor's in Laws from Misamis University in the Philippines. She has published several papers in journals and conferences, and is an active contributor to research networks. She is also a recipient of several awards, including the "Best Paper" award at the 2021 Vivekananda Institute of Professional Studies and the University of Buraimi international conference.

Dr. Anna Bocar is an ardent researcher and has several paper publications and presentations at both national and international levels. She was recognised and awarded as one of the "Outstanding Researchers of the Philippines" in 2013 by the Asian Conference on Multidisciplinary Research in Higher Education (ACMRHE 2013). She is a Senior Member of the International Economics Development Research Centre (IEDRC) and a peer reviewer at the Ministry of Higher Education, Research & Innovation of Oman (MoHERI).

Dr. Anna is currently a lecturer at Gulf College in Oman. She teaches Financial Services, Managing Organisations, and Introduction to Tourism. She is also the Editor-in-Chief of the International Review of Social Sciences Research. She is an expert in the field of business administration, and her research interests include regional challenges to multidisciplinary innovation, women's empowerment, and the impact of information and communication technology on education.

CONFERENCE PROGRAM
Tuesday | February 24, 2026

https://resbusconference.com		Organized by : research synergy
CONFERENCE PROGRAM 11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science (11th RESBUS) VIRTUAL CONFERENCE: February 24, 2026	
Tuesday, 24 February 2026	

Time (UTC+7)	Dur'	Activity
Main Room: **Please note that ALL conference TIME is in Jakarta Time/ WIB/ UTC+7. Please check your time zone.*		**Join Zoom Meeting** https://us06web.zoom.us/j/81226700109?pwd=A7gFl6cDAyna8k28dxZX1kOoUybux0.1 OR https://bit.ly/11thRESBUS Meeting ID: 812 2670 0109 Passcode: 11thresbus
8:50 - 9:00	0:10	**Participant Login and Join Virtual Conference by ZOOM**
9:00 - 9:15	0:15	**Welcome Address** and Conference Publication Announcement by MC
9:15 - 9:30	0:15	**Global Research Ecosystem Introduction** **Assoc. Prof. Dr. Hendrati Dwi Mulyaningsih** Conference Chair of 11th RESBUS Founder & Chairperson of Research Synergy Foundation
9:30 - 9:35	0:05	**E-Group Photo**
9:35 - 10:20	0:45	**Mini Workshop from Research Synergy Institute:** **Mohamed Yusuf Faridian Wirayat, M.S.M.** Managing Director of Research Synergy Institute, Research Synergy Foundation **"*How to be globally accepted in writing research paper:* *Criteria of Recommendation in Scopus/peer review international Journal*"**
10:20 - 10:30	0:10	**Announcement and preparation of Academic Online Parallel Presentation Session**
Academic Online Presentation Session: Main Room, Breakout Room	
10:30 - 10:35	0:05	**Session Chair Introduction of Online Presentation :** **Main Room:** *Dr. Lim Seong Pek - INTI International University, Malaysia* **Breakout Room:** *Dr. Anna Bocar - Gulf College, Sultanate of Oman*
10:35 - 12:35	2:00	**Online Presentation Day - maximal 8 presenters** **15 minutes/presenter**
12:35 - 12:50	0:15	Awarding Certificate of Presentation, Testimonial, and Post-conference information announcement
12:50 - 13:10	0:20	Short Break, and Best Presenters score recapitulation for 11th RESBUS
13:10 - 13:25	0:15	**Awarding Ceremony** **Best Presentation** **Best Paper** **Session Chairs Recognition**
13:25 - 13:30	0:05	**Closing Speech of 10th RESBUS** **Santi Rahmawati, MSM** Founder & Chief Operating Officer of Research Synergy Foundation

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Tuesday, February 24, 2026
11th RESBUS - Main Room
Join Zoom Meeting
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OR
https://bit.ly/11thRESBUS
Meeting ID: 812 2670 0109
Passcode: 11thresbus
Time: 10:30 - 12:30 (UTC+7) *Please note that ALL conference TIME is in Jakarta time UTC+7. Please check your time zone.
Session Chair: Dr. Lim Seong Pek - INTI International University, Malaysia

Track Technology in Education

Paper ID	Presenter	Paper Title
RES26101	Yulizar Widiatama	Improving User Experience of the PPIC Laboratory Website Through Human-Centered Design and Usability Testing

Track Education policy

Paper ID	Presenter	Paper Title
RES26104	Motia Mannan	Exploring the Impact of Translanguaging Practices on Language Learning and Classroom Engagement Among Preparatory-Level Students
RES26112	Crystal Jane Balan	Exploring the Lived Experiences of Social Science Teachers in the Implementation of Inclusive Education Act in Public Schools

Track Education Management

Paper ID	Presenter	Paper Title
RES26110	Nikken Nur Fanydia Ningsih	The Influence of Social Media Information Quality on Young People's Participation Intention in Volunteer Tourism: Integrating the Stimulus Organism Response Framework and Self Determination Theory
RES26107	Eldie Bermudo Jr.	Digital Readiness: The Shift Toward Paperless Administration at City College of Calamba
RES26108	Gerra Mae Batalla	Productivity Levels of Key Offices Through Support Staff Performance at City College of Calamba

Track Secondary Education

Paper ID	Presenter	Paper Title
RES26109	Irene Fabay	Exploring the Influence of Digital Literacy and Social and Cultural Capital on the Social Studies Course Engagement of Grade 7 Students

Tuesday, February 24, 2026
11th RESBUS - Breakout Room 1
Join Zoom Meeting
https://us06web.zoom.us/j/81226700109?pwd=A7gFl6cDAyna8k28dxZX1kOoUybux0.1
OR
https://bit.ly/11thRESBUS
Meeting ID: 812 2670 0109
Passcode: 11thresbus
Time: 10:30 - 12:30 (UTC+7) *Please note that ALL conference TIME is in Jakarta time UTC+7. Please check your time zone.
Session Chair: Dr. Anna Bocar - Gulf College, Sultanate of Oman

Track International Business Management

Paper ID	Presenter	Paper Title
RES26102	Muhammad Ahsan Iqbal	Driving the Sustainable Competitive Advantage: The Role of Green Entrepreneurial Orientation and Green Supply Chain Management in Pakistan's Textile Firms
RES26113	Alaine Tess Cabije	Patterns of Housing Investment Behavior Among Built Environment Professionals: A Multivariate Categorical Approach

Track Engineering and Technology

Paper ID	Presenter	Paper Title
RES26103	Sisca Ramadhani	An Integrated Voice Controlled Electric Robot with Roller Picker and Scissor Lift: Design and Prototype Development for Oil Palm Loose Fruit Collection

Track Humanities

Paper ID	Presenter	Paper Title
160868	Sarinrat Eiamworawuttikul	Bilingual Education through Cultures

Track Law

Paper ID	Presenter	Paper Title
RES26111	Sariat Arifia	Digital Feudalism and the Impotence of Competition Law under the Rule of Algorithm

Track Political science

Paper ID	Presenter	Paper Title
RES26106	Christine Tolentino	Towards Reflexive Governance and Policy Development in Street Vending: A Comparative Study of Street Vendors in PAMAMAZON

Track Creative Business

Paper ID	Presenter	Paper Title
RES26114	Monalie Dela Cruz	The Mediating Role of Customer Trust in the Relationship Between Service Quality and Customer Loyalty

Track: Technology in Education

Improving User Experience of the PPIC Laboratory Website Through Human-Centered Design and Usability Testing

| Yulizar Widiatama[1], Muhamad As'adi[2], Ainun Halivia[3], Hamonangan Kinantan Prabu[4]

[1,2,3,4]Universitas Pembangunan Nasional Veteran Jakarta

Abstract

Background – The PPIC Practicum Website at UPN "Veteran" Jakarta plays an important role in supporting engineering laboratory activities, yet users frequently experience usability and legibility issues such as unclear typography, inefficient navigation, and visual discomfort. Existing evaluations have not combined Human-Centered Design, usability testing, and eye-tracking, leaving a research gap in understanding both perceptual and cognitive aspects of user interaction.

Purpose – This study aims to evaluate and improve the usability and legibility of the PPIC Practicum Website by analyzing user behavior, reading performance, and visual patterns. The goal is to determine the most effective interface design among several prototypes and provide evidence-based recommendations for enhancing the user experience in educational digital platforms.

Design/methodology/approach – A mixed-methods approach was used with 75 participants selected through purposive sampling, representing laboratory staff, assistants, and practicum students. The Human-Centered Design framework guided prototype development. Usability was measured through QUIS questionnaires, task performance, and reading time, while eye-tracking blink-rate analysis captured visual strain. Statistical comparisons across six prototypes identified the most effective design.

Findings – The evaluation showed significant differences in readability, visual comfort, and task efficiency. The best-performing prototype achieved faster reading time, lower blink rate, higher QUIS satisfaction scores, and a 70% task efficiency rate. Improved typography, color contrast, and layout structure strongly contributed to enhanced navigation and reduced cognitive load.

Research limitations – This study focused only on interface design elements, excluding factors such as diverse device types, environmental lighting, long-term usage, and backend functionality. The participant pool was limited to one academic program, which may reduce generalizability beyond the PPIC context.

Originality/value – This research uniquely integrates Human-Centered Design, QUIS-based usability testing, and eye-tracking physiological measures to evaluate an academic practicum website. The combined approach generates deeper insights into user behavior and visual comfort, offering data-driven guidance for improving educational technology interfaces.

Keywords: Human-Centered Design,Usability Evaluation,QUIS,User Experience, Educational Technology

Track:
Education Policy

Exploring the Lived Experiences of Social Science Teachers in the Implementation of Inclusive Education Act in Public Schools

| Crystal Jane Balan
DepEd

Abstract

Background – Inclusive education aims to provide equitable learning opportunities for all students, supported by Philippine laws and DepEd policies. Implementation challenges, such as resource limitations, standardized testing pressures, and curriculum narrowing, disproportionately affect Social Science teachers. These educators face unique workloads and stress as policies prioritize math and literacy, highlighting the need to study their experiences to inform supportive practices and policy improvements.

Purpose – This phenomenological study examined the firsthand experiences of Social Science teachers in public schools as they navigated and implemented the Inclusive Education Act.

Design/methodology/approach – This qualitative phenomenological study explored 17 Social Science teachers' experiences implementing the Inclusive Education Act in Bayugan City. Using purposive sampling, data were collected through focus group discussion and in-depth interview.

Findings – Social Science teachers faced systemic challenges under the Inclusive Education Act, including accountability pressures, standardized testing, and reduced focus on holistic learning. Coping strategies—peer collaboration, technology use, parental engagement, and professional support—highlight resilience. Findings emphasize the need for systemic support, policy flexibility, and participatory reforms to sustain teacher well-being and instructional quality.

Research limitations – The study's geographic scope is limited to a select number of schools within Bayugan City, focusing on Social Science teachers directly involved in implementing the policy.

Originality/value – It illustrates the challenges teachers navigate and the methods they employ in carrying out the inclusive education policy.

Keywords: Education, sociology, lived experiences, inclusive education act

Track:
Education
Management

Productivity Levels of Key Offices Through Support Staff Performance at City College of Calamba

| Gerra Mae Batalla[1], Roselle A. Fernando[2], Ma. Patricia Erika Arcillas[3], John Leomar Cerdeña[4], Gerleen A. Batalla[5], Arianne C. Tolentino[6], Francis Eduard Malitig[7], Lielanie O. Barrion[7], Maryann H. Lanuza[8]

[1,2,3,4,5,6,7,8]City College of Calamba

Abstract

Background – Support staff play a vital yet often underexamined role in ensuring the effective functioning of higher education institutions. While prior studies have explored employee performance in organizational settings, there is limited empirical evidence on how support staff specifically contribute to office productivity and service quality in educational management.

Purpose – This study examined the role of support staff in enhancing the productivity of key offices at City College of Calamba (CCC). Specifically, it assessed support staff performance in terms of Work Content, Work Behavior, Job Specification, Work Discipline, and Job Knowledge and Competency, and determined its relationship with office productivity as reflected in client satisfaction measured through Responsiveness, Reliability, Access and Facilities, Assurance, and Outcome.

Design/methodology/approach – A quantitative, descriptive-correlational research design was utilized for this study. Data were gathered from the heads of key offices and their respective clients through structured questionnaires, evaluating a total of 40 support staff across 14 offices. Descriptive statistics (means) were employed to present the levels of staff performance and office productivity, while Pearson's correlation coefficient was used to determine the relationship between support staff performance and the productivity of key offices.

Findings – The findings revealed a significant and strong positive relationship between support staff performance and office productivity ($r = 0.6333$). This indicates that higher levels of support staff performance are associated with higher levels of client satisfaction and overall productivity in key offices, underscoring the critical contribution of support staff to institutional effectiveness.

Research limitations – The study was limited to key offices within a single institution and relied on self-reported data collected at a single point in time, which may introduce subjectivity and limit the generalizability of the findings. Future research could address these limitations by including multiple institutions and employing longitudinal or mixed-methods approaches to capture changes in staff performance and office productivity over time.

Originality/value – The study provides empirical evidence on how support staff performance affects office productivity in a local higher education institution and baseline for for administrators to identify areas for improvement and implement targeted training and strategic interventions, thereby enhancing staff effectiveness and promoting a more comprehensive approach to evaluating and improving administrative productivity.

Keywords: Client Satisfaction, Office Productivity, Support Staff Performance, Institutional Administration

Digital Readiness: The Shift Toward Paperless Administration at City College of Calamba

| Gerra Mae Batalla[1], Eldie Bermudo Jr.[2], Roselle A. Fernando[3], Archie Niño C. Aguilar[4], Jhanel Rose Ann Silva[5], Christian Lloyd Garcia[6], Jaciel Javier[7], Ruth Bernardino[8], Regina G. Almonte[9]

[1,2,3,4,5,6,7,8,9]City College of Calamba,

Abstract

Background – In the pursuit of efficiency and sustainability, higher education institutions are increasingly adopting digitization as a key strategy for modernizing administrative processes. The shift toward paperless administration has become a critical concern for institutions aiming to improve operational effectiveness and long-term sustainability. However, empirical evidence on digital readiness in local/state colleges in developing contexts remains limited. This study addresses this gap by examining how digital preparedness affects operational processes at a local higher education institution.

Purpose – This study aimed to assess the level of digital readiness of the City College of Calamba (CCC) and examined its impact on operational processes as the institution transitions toward a paperless administrative system.

Design/methodology/approach – A quantitative research design was employed. Data were gathered from 105 teaching and administrative personnel using adapted and self-developed questionnaires, which were validated through expert review. Digital readiness was measured in terms of Materials and Infrastructure, Human Resources, and Organizational Support, while operational processes were assessed through indicators of Efficiency, Productivity, Workload, and Job Satisfaction. Descriptive and Pearson's correlation coefficient were utilized in the analysis.

Findings – Results revealed that CCC's digital readiness is generally perceived as inadequate, particularly in areas such as stable network access, regular digital skills training, leadership support, and budget allocation. Operational processes reflected this gap: productivity received relatively positive ratings, whereas efficiency and workload management were perceived negatively, and work-related stress was a notable concern. The analysis further revealed a very strong positive correlation (r = 0.8853) between digital readiness and operational outcomes, indicating that improvements in digital preparedness are associated with better administrative performance.

Research limitations – The study focused on a single institution and relied on self-reported perceptions of respondents, which may introduce subjectivity. The findings may therefore not be fully generalizable to other institutions with different organizational contexts, resources, or administrative structures.

Originality/value – The study provides context-specific evidence on digital readiness in a local higher education institution, filling an empirical and contextual gap in the literature. Findings offer actionable insights for institutional leaders to implement targeted strategies for digital transformation, improving efficiency, employee well-being, and administrative effectiveness.

Keywords: Digital Readiness, Digitization, Operational Outcomes, Paperless Administration

Track:
Secondary Education

Exploring the Influence of Digital Literacy and Social and Cultural Capital on the Social Studies Course Engagement of Grade 7 Students

| Irene Fabay
DepEd

Abstract

Background – This study explored the influence of digital literacy and social and cultural capital on the Social Studies course engagement of Grade 7 students. A quantitative descriptive-correlational design was utilized, employing validated and pilot-tested questionnaires to assess learners' levels of digital literacy, social and cultural capital, and engagement in Social Studies. Participants were selected through simple random sampling from public secondary schools in Agusan del Sur.

Purpose – The study would provide valuable insights to explore and determine the influence of digital literacy and social and cultural capital to student engagement in Social Studies subjects.

Design/methodology/approach – Quantitative research method.

Findings – Findings revealed that students generally demonstrated high engagement in Social Studies, characterized by active participation, self-directed learning, and meaningful interaction with peers and teachers. Their digital literacy was also found to be well-developed, reflecting their ability to navigate and use digital tools responsibly.

Research limitations – Participants were selected through simple random sampling from public secondary schools in Agusan del Sur.

Originality/value – It would be useful to Social Studies teachers in understanding the different motivations for why students engage in various learning activities through digital technology and their student status.

Keywords: digital literacy ,social ,cultural capital ,Social Studies,influence

Track: International Business Management

Patterns of Housing Investment Behavior among Built Environment Professionals: A Multivariate Categorical Approach

| Alaine Tess Cabije[1], Nurvin Zary E. Bustillo[2]

[1,2]University of San Carlos

Abstract

Background – Despite extensive research on housing investment and affordability, limited empirical attention has been given to the housing expenditure and ownership behavior of built environment professionals, particularly in relation to their socio-economic and professional characteristics.

Purpose – This study aims to investigate housing expenditure and ownership patterns among built environment professionals and to examine how their socio-economic and professional characteristics shape distinct housing investment behaviors.

Design/methodology/approach – The study adopts a quantitative research design, using questionnaire-based survey data collected from built environment professionals, and applies Multiple Correspondence Analysis (MCA) and Agglomerative Hierarchical Clustering (AHC) to analyze categorical responses from 187 valid cases.

Findings – The analysis reveals distinct clusters of housing investment behavior, reflecting variations in affordability levels, ownership status, and expenditure patterns that are systematically associated with income sources, professional roles, and social and marital contexts.

Research limitations – The study is limited by its cross-sectional design and reliance on self-reported survey data from a single professional group, which may restrict the generalizability of the findings across regions and professional contexts.

Originality/value – The study offers original empirical insights into the housing investment behavior of built environment professionals by integrating socio-economic characteristics with multivariate categorical analysis, highlighting their dual role as both designers and consumers of housing infrastructure.

Keywords: Housing investment behavior and Built environment professionals, Real estate decision-making,Multiple correspondence analysis (MCA),Agglomerative hierarchical clustering (AHC),Housing affordability

Driving the Sustainable Competitive Advantage: The Role of Green Entrepreneurial Orientation and Green Supply Chain Management in Pakistan's Textile Firms

| Dr Muhammad Ahsan Iqbal[1], Asifa Muhammad Sabir[2], Ms. Jaweria Tariq[3], Dr. Hina Fayyaz[4]

[1,3,4]Rawalpindi Women University, [2]Sir Syed CASE Institute of Technology,

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Abstract

Background – The global textile industry is a major contributor to environmental degradation, accounting for 8-10% of worldwide carbon emissions and around 20% of industrial wastewater pollution. In Pakistan, the sector drives over 60% of national exports and approximately 8.5% of GDP, yet it faces intense pressure from international regulations, including the EU's Carbon Border Adjustment Mechanism (CBAM) set to expand to textiles by 2026-2030 and stringent ESG requirements linked to GSP+ trade preferences. Emerging economies like Pakistan are particularly vulnerable, as non-compliance risks loss of market access to key buyers in the EU and US, compounded by domestic challenges such as high energy costs, weak enforcement of environmental standards, and climate impacts like recurring floods.

Purpose – This study investigates how dimensions of Green Entrepreneurial Orientation (GEO) specifically market orientation and environmental orientation affect Green Supply Chain Management (GSCM) practices (green purchasing and customer cooperation), and in turn, influence Sustainable Competitive Advantage (SCA). Grounded in the Natural Resource-Based View (NRBV), it examines direct effects and the mediating role of GSCM, addressing gaps in understanding context-specific mechanisms for sustainability-driven competitiveness in emerging markets.

Design/methodology/approach – Data were gathered via surveys from 185 managers in Pakistani textile firms located in key hubs such as Karachi, Sialkot, Lahore, and Multan. Descriptive statistics were processed using SPSS, while hypotheses were tested through Partial Least Squares Structural Equation Modeling (PLS-SEM) with SmartPLS 4 software.

Findings – Results show positive direct impacts of GEO dimensions and GSCM practices on SCA. Notably, GSCM practices significantly mediate the relationship between GEO and SCA, revealing differentiated pathways where market and environmental orientations channel through specific supply chain activities to build enduring competitive edges.

Research limitations – The study relies on cross-sectional data from one sector in a single emerging economy, limiting generalizability. Future research could incorporate longitudinal designs or comparative analyses across industries and countries.

Originality/value – This research advances NRBV by disaggregating GEO and GSCM dimensions in a mediated model, providing rare empirical insights from Pakistan's export-dependent textile industry. It offers actionable strategies for firms to integrate green entrepreneurship with supply chain practices, enhancing resource efficiency, regulatory compliance, and long-term competitiveness amid global sustainability demands.

Keywords: Green Entrepreneurial Orientation, Green Supply Chain Management, Sustainable Competitive Advantage, Textile Industry

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Track: Engineering and Technology

An Integrated Voice Controlled Electric Robot with Roller Picker and Scissor Lift: Design and Prototype Development for Oil Palm Loose Fruit Collection

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Abstract

Background – Oil palm loose-fruit (brondolan) contained the highest oil fraction, so its recovery become critical for maximazing yield. However, brondolan collection in plantations was still predominantly manual, which was time consuming, labor intensive, and inconsistent across varying field conditions. Mechanized collection supported by an integrated system that combined picking, weighing, and material transfer was therefore increasingly needed to reduce losses and improve operational efficiency.

Purpose – This study aimed to design and prototype a voice control electric robot integarting a roller picker with battery power, an automatic weighing unit, and a scissor lift transfer mechanism for oil palm loose fruit collection.

Design/methodology/approach – This design based research followed sequential stages: problem identification, concept generation, design analysis, engineering drawings, and manufacturing. Key subsystems included a roller picker, an automatic weighing unit, a scissor lift that transferred collected brondolan into a bin or dump truck, and a voice-command control system on a battery-powered platform. Development stages covered mechanical electrical design, component selection via design analysis, prototype assembly, and performance test planning (picking capacity, collection efficiency, and operational usability). Component performance was documented using descriptive statistics (mean and standard deviation) and graphical presentation to evaluate functional consistency across trials.

Findings – The study produced a manufacturable, integrated prototype in which the roller picker, weighing unit, scissor lift transfer, and voice command concept were assembled within a single platform architecture. The main outcome demonstrated system-level integration readiness and provided a practical baseline for subsequent functional and field performance evaluation.

Research limitations – The study prioritized design integration and prototype manufacturing.

Originality/value – The proposed system integrated based roller loose fruit collection, automatic weighing, scissor lift transfer, and voice command interaction within a single battery powered electric robotic platform tailored to oil palm plantation workflows.

Keywords: Electric robot, loose fruit (brondolan), oil palm, scissor lift, voice command

Precision Fertilization Using a Fertilizer Spreader in Oil Palm Plantations: Effects of Operational Configurations

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Abstract

Background – Fertilization was a key driver of oil palm productivity, yet manual application frequently produced uneven nutrient distribution, inefficient input use, and higher operating costs. Mechanized fertilization using a spinner type fertilizer spreader improved dose consistency, but its performance depended strongly on operating settings.

Purpose – This study evaluated the lateral distribution pattern and application uniformity of a fertilizer spreader under different power take off (PTO) speeds, flow control settings, and transmission modes, using the coefficient of variation (CV) as the main uniformity indicator.

Design/methodology/approach – Field tests were conducted using a Kubota L4018 tractor equipped with a spinner spreader at PTO speeds of 540 and 750 rpm, flow control settings P1 and P2, and transmission modes Low-1, Low-3, High-1, and High-3. The procedure comprised equipment preparation, microclimate observation, tractor speed and dose calibration, lateral distribution testing, and CV analysis.

Findings – The 750 rpm PTO setting produced more uniform spreading than 540 rpm, and the lowest CV (23.76%) was obtained under Low-3 with the P1–750 configuration. The best overall operating combination was PTO 750 rpm with flow control P2 and Low-3 mode, which achieved an accurate application dose of 2.5 kg plant⁻¹ (2,497 g plant⁻¹).

Research limitations – Precise application reduced the risk of nutrient losses through runoff and leaching, thereby supporting more sustainable soil and water management in plantation systems.

Originality/value – It was recommended that plantations adopted CV based calibration to select stable operating settings and standardized field operation to improve both agronomic efficiency and environmental performance.

Keywords: Application uniformity, coefficient of variation, fertilizer spreader, oil palm, precision fertilization

Track: Humanities

Bilingual Education Through Cultures

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Abstract

Background – Bilingual education has long been central to language policy and pedagogy in multilingual societies. However, recent scholarship increasingly highlights the inseparable role of culture—beyond language competence alone—in shaping successful educational outcomes.

Purpose – This article explores bilingual education through cultural lenses, examining how bilingual programs mediate cultural identity, intercultural competence, and social inclusion within diverse learning environments. Emerging research on translanguaging pedagogies and intercultural bilingual education underscores the importance of culturally responsive instruction that integrates learners' linguistic repertoires with meaningful cultural practices.

Design/methodology/approach – Through a review of contemporary models and evidence from indigenous and mainstream education contexts, this article proposes a cultural integration framework for bilingual education that prioritizes equity, identity affirmation, and community engagement.

Findings – Implications for policy, teacher development, and curriculum innovation are discussed, along with recommendations for future research in the dynamic interface of language and culture.

Research limitations – However, this is a documentary research for the systematic review. Thus, it should be conducted with human in the EFL classroom.

Originality/value – Therefore, this research has been persued for its research integrity among Bilingual Education concerns.

Keywords: Bilingual Education; Culture; Translanguaging; Intercultural Competence; Culturally Responsive Pedagogy; Multilingual Education; Educational Equity

Track:
Law

Digital Feudalism and the Impotence of Competition Law under the Rule of Algorithm

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Abstract

Background – The rapid digitalization of the global economy triggered a critical silent revolution, fundamentally shifting the legal paradigm from the normative Rule of Law to the deterministic Rule of Algorithm. This transition has allowed digital platforms to evolve into Tech Leviathans that govern markets through code rather than state sanctioned law, creating a new form of sovereignty that effectively bypasses national jurisdiction.

Purpose – This study addresses the urgent failure of traditional Indonesian competition law, specifically Law Number 5 of 1999, in mitigating digital market monopolies. It aims to investigate the mechanism of Techno Feudalism where platforms act as digital landlords and to demonstrate why existing ex post enforcement mechanisms are rendered impotent against real-time algorithmic governance.

Design/methodology/approach – By employing a critical socio-legal approach and comparative analysis of recent global regulations, such as the EU Digital Markets Act, this research investigates the ontological conflict between flexible legal norms and rigid algorithmic codes. The study utilizes the Silent Revolution theoretical framework to diagnose structural failures in antitrust laws, moving beyond normative analysis to a broader societal critique of digital power relations.

Findings – The findings reveal that the current legal framework fails to address algorithmic tacit collusion because such practices are concealed within the black box of deep learning algorithms. Furthermore, these algorithms operate without transparency, creating a significant liability gap where mens rea or malicious intent cannot be proven. Consequently, MSMEs are reduced to a dependent precariat class, serving as mere data extraction points rather than independent competitors within the digital ecosystem.

Research limitations – This study is primarily a theoretical and qualitative socio legal critique limited to the context of Indonesian competition law. It does not provide quantitative economic modeling of specific algorithmic pricing instances.

Originality/value – Uniquely, this study contributes to the legal literature by diagnosing the failure of competition law not merely as a regulatory gap but as a fundamental ontological conflict. The research concludes that safeguarding an inclusive future requires a paradigm shift from obsolete ex-post sanctions to ex-ante Algorithmic Accountability, mandating human oversight to restore the Rule of Law in the digital market.

Keywords: Rule of Algorithm, Techno Feudalism, Competition Law, Algorithmic Collusion, Digital Sovereignty.

Track:
Political Science

Towards Reflexive Governance and Policy Development in Street Vending: A Comparative Study of Street Vendors in Pamamazon

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Abstract

Background – Street vending remains a vital yet contested component of the urban informal economy in rapidly urbanizing cities of the Global South. In Metro Manila, street vendors contribute significantly to livelihoods and affordable urban provisioning but operate amid legal ambiguity, insecure access to public space, and predominantly control-oriented regulatory regimes. Existing policies often emphasize clearance and order, with limited attention to participation, inclusivity, or policy learning. Despite growing scholarship on informal economies and urban governance, empirical studies that integrate vendors' lived experiences with policy implementers' perspectives through a reflexive governance lens remain limited, particularly in highly urbanized city clusters such as PAMAMAZON (Pasay, Makati, Manila, and Quezon City).

Purpose – This study aims to (1) compare street vending governance practices across PAMAMAZON cities, (2) evaluate the degree of policy reflexivity embedded in local regulatory approaches, and (3) generate evidence-based insights to inform a more reflexive and inclusive policy framework for street vending governance.

Design/methodology/approach – The study employed a comparative mixed-methods design. Quantitative data were gathered from 320 street vendors using structured surveys and analyzed through descriptive statistics and cross-city comparative analysis. Qualitative data were collected through semi-structured interviews with 24 policy implementers and analyzed using thematic analysis to examine policy interpretation, enforcement practices, and institutional constraints.

Findings – The findings reveal a marked asymmetry in reflexivity between actors. Street vendors demonstrate high levels of learning, adaptability, and responsiveness to regulatory conditions, while institutional mechanisms for participation, deliberation, and feedback remain weak. Comparative analysis indicates that Quezon City exhibits relatively higher policy reflexivity, reflected in more consultative and adaptive practices, whereas Manila and Pasay maintain more enforcement-driven approaches, resulting in recurrent conflict and fragmented governance outcomes.

Research limitations – The study has several limitations that should be considered in interpreting the findings. First, the reliance on self-reported survey data from street vendors may introduce response bias, particularly in relation to income levels, enforcement experiences, and perceptions of fairness. While triangulation with qualitative interviews mitigates this limitation, the findings reflect perceived rather than independently verified enforcement intensity and livelihood impacts

Originality/value – Sustainable street vending governance requires shifting from exclusionary regulation toward reflexive, evidence-based policy development that institutionalizes learning, stakeholder engagement, and adaptive urban management.

Keywords: Street vending, Reflexive governance, Informal economy, Urban policy, Public space governance

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Track:
Creative Business

The Mediating Role of Customer Trust in the Relationship Between Service Quality and Customer Loyalty

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Abstract

Background – Customer loyalty is essential for sustainable business growth, particularly in water refilling stations where customers depend on consistent service quality and trustworthiness. While research has explored service quality, trust, and loyalty relationships in banking, hospitality, and e-commerce, limited evidence exists for localized service sectors like water refilling stations. Specifically, how customer trust mediates the service quality-loyalty relationship in small-scale, health-sensitive service contexts remains underexplored.

Purpose – The study examined the mediating role of customer trust in the relationship between service quality and loyalty in water refilling stations in President Manuel Roxas, Zamboanga del Norte. The study investigated whether service quality influences loyalty directly and indirectly through customer trust.

Design/methodology/approach – This quantitative correlational study employed census sampling involving 400 customers from two registered water refilling stations. Data were collected using a validated questionnaire based on the SERVQUAL model for service quality dimensions, a trust-commitment framework for customer trust, and a cognitive-affective-conative-action model for customer loyalty. The instrument demonstrated excellent content validity (CVI = 0.93) and internal consistency reliability (Cronbach's Alpha = 0.972). Path analysis was employed to simultaneously examine both direct and indirect effects, making it appropriate for testing the mediation mechanism.

Findings – Customers perceived high service quality (M = 4.11), particularly responsiveness (M = 4.16). Customer trust was positive (M = 4.13), and loyalty (M = 4.08) demonstrated strong cognitive and action dimensions. Path analysis revealed partial mediation: customer trust accounted for 45.5% of total effect (B = 0.408, p < .001), while service quality retained significant direct effect (B = 0.489, p < .001) representing 54.5%.

Research limitations – This study focused on two water refilling stations in President Manuel Roxas, limiting generalizability to other contexts. Self-reported data may contain social desirability bias. The cross-sectional design restricts causal inference. Quantitative methods exclude qualitative insights into underlying mechanisms. Other variables such as pricing and competition were not examined.

Originality/value – Unlike previous mediation studies conducted in large-scale service industries such as banking and hospitality, this research provides empirical evidence on trust's mediating role in small-scale, health-sensitive service contexts that remain underrepresented in existing literature. The study advances understanding by demonstrating that in necessity-driven services like water refilling in rural Philippine communities, cognitive evaluations and behavioral habits may be more salient than affective attachment. Findings offer actionable insights for operators and authorities.

Keywords: service quality, customer trust, customer loyalty, mediation analysis, water refilling stations

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CLOSING SPEECH

Excellencies, Presenter, Attendees
Ladies and Gentlemen,

I am truly honored and delighted to deliver the closing remarks for the **11th International Conference on Interdisciplinary Research on Education, Economic Studies, Business and Social Science (11th RESBUS)**. This remarkable virtual conference has been **organized by Research Synergy Foundation**. To enhance accessibility and academic collaboration, this event is supported by **Scholarvein, Reviewer Track, Research Synergy Institute, Research Synergy Press, Global Research Community, and F1000Research**.

The organizing committee expresses its deepest gratitude for the active engagement and enthusiastic participation of everyone today. All sessions conducted seamlessly through our virtual rooms were carried out smoothly, enriched with high-quality online presentations, thoughtful discussions, and excellent coordination from all committees, session chairs, and participants.

This year's conference has highlighted the importance of integrating interdisciplinary perspectives to navigate the complexities of education, economic studies, business, and social science. The diverse research contributions presented throughout the **11th RESBUS** demonstrate how interdisciplinary approaches can shape the future of our global ecosystem.

The knowledge-sharing and constructive dialogues we witnessed reflect our shared commitment to advancing research that supports transformation, resilience, and global connectivity. These insightful exchanges not only deepen our understanding of interdisciplinary studies but also spark new opportunities for international collaboration bridging academia, industry, and global research communities.

Beyond the academic sessions, the **11th RESBUS** has served as a vibrant platform for building professional networks and strengthening partnerships across institutions around the world. We are confident that the relationships formed and the ideas exchanged during this conference will continue to grow, fostering meaningful impact long after the event concludes.

On behalf of the organizing committee, I extend my heartfelt appreciation to our distinguished speakers, session chairs Dr. Lim Seong Pek and Dr. Anna Bocar presenters, and all participants for your invaluable contributions. I also express sincere gratitude to the entire committee team for their dedication and tireless efforts in ensuring the success of the **11th RESBUS.**

Thank you once again for your active participation and commitment. We look forward to welcoming you to our future conferences and continuing this collaborative journey together. Until then, I wish you continued success in your research, professional endeavors, and contributions to global knowledge.

Best regards,

Assoc. Prof. Dr. Hendrati Dwi Mulyaningsih, S.E, M.S.M.
Conference Chair of 11th RESBUS

Future Events

10th ESBEM

10th International Conference on Entrepreneurship Studies, Business, Economy, and Management Science
https://esbem.com/
Virtual Conference - March 10, 2026

12th BEMSS

12th International Conference on Business, Economy, Management and Social Studies Towards Sustainable Economy
https://www.bemssconference.com/
Virtual Conference - May 21, 2026

11th MASOS

11th International Conference on Management Studies and Social Science
https://www.masosconference.com/
Virtual Conference - June 23, 2026

INOBIST - 3rd ICoBAC

International Conference on Innovation in Business, Social Sciences, and Technology & The 3rd International Conference of Business Administration and Communication
https://usbypkp-conference.com/
Busan, Rep. of Korea - July 8-9, 2026

6th ICLET

6th International Conference on Language, Education, and Teaching Research
https://icletconference.com/
Virtual Conference - August 6, 2026

2nd MAFIS

2nd International Conference on Maqasid Al-Wahy and the Future of Interdisciplinary Scientific Research
https://mafisconference.com/
Virtual Conference - August 26-27, 2026

10th IBEMS

10th International Conference on Interdisciplinary Business, Economy, Management, and Social Studies
https://www.ibemsconference.com/
Male, Maldives - September 9-10, 2026

2nd ICBAS

2nd International Conference on Business and Administrative Sciences Research
https://icbasconference.com/
Virtual Conference – November 25, 2026

7th MESS

7th International Conference on Management, Education, and Social Science
https://messconference.com/
Bangkok, Thailand - November 3, 2026