



BANGLADESH INSTITUTE OF
GOVERNANCE AND MANAGEMENT

Research Catalogue

2023

Contents

Broad Category	Title & Authors	Journal/Others	Status
Growth, Investment and Human Capital	Endogenous Growth Model of a Labour-abundant and Land-scarce Economy-Tahmina Sultana, Mohammad Moniruzzaman, Mrittika Shamsuddin, and Mohammad Tareque	Journal of Social and Economic Development, Vol. 21, Issue 2, 2019 (Springer)	Published
	Aggregate Consumption Expenditure and Economic Growth: Evidence from Bangladesh-Sima Rani Dey and Mohammad Tareque	Global Journal of Management and Business Research: B Economics and Commerce, Vol. 18, Issue 5, 2018 (Global Journals Incorporated)	Published
	Impact of Public and Private Investment on GDP Growth in Bangladesh: Crowding-in or Out? -Md. Monirul Islam, Asif Hossain and Mohammad Tareque	Global Journal of Human-Social Science: E Economics, Vol.8, Issue 6, 2018 (Global Journals Incorporated)	Published
	External Debt and Growth: Role of Stable Macroeconomic Policies-Sima Rani Dey and Mohammad Tareque	Journal of Economics, Finance and Administrative Science, Vol. 25 No. 50, pp. 185-204, 2019. (Emerald)	Published
	The Relationship between Income, Consumption and GDP of Asian Countries: A Panel Analysis-Sima Rani Dey	Managing Global Transitions, Vol. 17, No. 2, pages 113-127, 2019. (University of Primorska, Slovenia)	Published
	Investigating the Roles of Physical Infrastructure, Financial Development and Human Capital on Economic Growth in Bangladesh – Faroque Ahmed, Md. Jamal Hossain and Mohammad Tareque	Journal of Infrastructure Development, Volume 12, Issue 2, (2020) (Sage Publication)	Published
	Twin Deficits Hypothesis in Bangladesh: An Empirical Investigation - Sima Rani Dey and Mohammad Tareque	International Journal of Emerging Markets, Vol. 17, Issue 9, pp. 2350-2379, 2021. (Emerald)	Published
	Exploring Linkage between Human Capital and Economic Growth: A Look into 141 panels of Developing and Developed countries - Tanzila Sultana, Sima Rani Dey and Mohammad Tareque	Exploring Linkage between Human Capital and Economic Growth: A Look into 141 Panels of Developing and Developed Countries". Economic Systems. Vol. 46, Issue 3, 2022. (Elsevier)	Published
	Public sector innovation outcome-driven sustainable development in Bangladesh: Applying the DARDL simulations and KRLS machine learning algorithm approach - Md. Monirul Islam, Mohammad Tareque	Journal of Public Policy, Volume 43 Issue 2, pp. 326 - 357 12 December 2022	Published
Does infrastructural development allure foreign direct investment? The role of	The International Journal of Emerging	Published	

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	Belt and Road Initiatives - Faheem Ur Rehman, Md. Monirul Islam and Kazi Sohag	Markets 30 August 2022	
	FDI Determinants: Comparison Between Bangladesh and Vietnam - Jamal Hossain and Md. Monirul Islam	Research in Economics (Elsevier)	Under Review
	Nexus between investment and economic growth within the endogenous growth framework in Bangladesh: Crowding-in or out? - Md. Monirul Islam and Dr. Mohammad Tareque	South Asian Journal of Macroeconomics and Public Finance (Sage Publication)	Under Review
	Foreign direct investment and domestic investment in Bangladesh: A dynamic ARDL simulations model approach – Md. Monirul Islam, Dr. Mohammad Tareque, Prof. Dr. Abu Wahid and Dr. Md. Mahmudul Alam	The Singapore Economic Review	Under Review
	The Effects of Political Risk, Economic Growth, and Labor productivity on Foreign Direct Investment: A Second-generation Panel Evidence from South Asian Countries - Md. Idris Ali, Professor Bazlur Rahman and Md. Monirul Islam	Journal of South Asian Development (Sage publication)	Under Review
	Impact of Fiscal Policy on Economic Growth in the Presence of a Country Risk Indicator: An Analysis within a Barro-Lucas Growth Framework - Mowshumi Sharmin and Mohammad Tareque	Journal of Developing Economies	Under Review
	Relative Impact of Fiscal and Monetary Policies of Bangladesh: A Comprehensive Approach - Dr. Mohammad Tareque and Asif Hossain		Accepted
	Impact of foreign direct investment on energy consumption: Evidence from Bangladesh - Sima Rani Dey and Md. Monirul Islam	Managing Global Transitions (University of Primorska, Slovenia)	Accepted
	Determinants of foreign direct investment in South Asia: A second generational panel analysis - Md. Monirul Islam	Journal of Chinese and Other Economics	Submitted
	Is Export-led Growth Hypothesis Stable in BCIM Countries? An ARDL Approach - Md. Monirul Islam and Md. Moniruzzaman		Completed
	Democracy and Growth: South Asian Perspective - Md. Monirul Islam and Jamal Hossain		Ongoing
	Inclusive Growth and Social Safety Net in Bangladesh - Jamal Hossain, Md. Monirul Islam and Faroque Ahmed		Ongoing
	Financial Development and Growth nexus of Bangladesh: A Threshold Analysis – Sima Rani Dey		Ongoing

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	Estimation of Shadow economy – Sima Rani Dey and Mohammad Tareque		Ongoing
	FDI, economic factors and ICT-induced sustainable development in Bangladesh: Is political rights issue inconsequential? - Md. Monirul Islam, Faroque Ahmad, Dr. Md. Mahmudul Islam and Dr. Md. Asadul Islam		Ongoing
	The influence of microcredit borrower's business attitude, satisfaction and entrepreneurial qualities on microbusiness sustainability – Sheikh Ashiqurrahman Prince, Sayed Azharul Islam and Tasfia Tasneem Ahmed		Ongoing
	Exploring the Impact of Microfinance on Business Sustainability: A Qualitative Approach- Sayed Azharul Islam, Sheikh Ashiqurrahman Prince, Nasim Ahmed		Ongoing
Energy	Electricity Consumption and GDP Nexus in Bangladesh: a Time Series Investigation - Sima Rani Dey and Mohammad Tareque	Journal of Asian Business and Economic Studies, Vol. 27, Issue 1, pp. 35-48, 2019 (Emerald)	Published
	Electricity Consumption and Income Nexus: Evidence from Bangladesh - Sima Rani Dey	International Journal of Energy Sector Management. Vol. 13, Issue 4, pp. 1020-1037, 2019 (Emerald)	Published
	Renewable and non-renewable energy consumption in Bangladesh: The relative influencing profiles of economic factors, urbanization, physical infrastructure and institutional quality - Md. Monirul Islam, Muhammad Irfan, Muhammad Shahbaz, Xuan Vinh Vo	Renewable Energy, vol. 184(1), pages 1130-1149 December 2021(Elsevier)	Published
	Minerals import demands and clean energy transitions: A disaggregated analysis - Md. Monirul Islam, Kazi Sohag, Shawkat Hammoudeh, Oleg Mariev and Nahla Samargandi	Energy Economics Volume 113(C), September 2022, (Elsevier)	Published
	Assessment of Nexus between energy consumption and sustainable development in Russian Federation: A disaggregate analysis -Md. Monirul Islam, Kazi Sohag, Muhammad Shahbaz	World Development Sustainability Volume 1, 2022,(Elsevier)	Published
	Mineral import demand and clean energy transitions in the top mineral-importing countries - Md. Monirul Islam, Kazi Sohag and Md. Mahmudul Alam	Resources Policy Volume 78, September 2022, (Elsevier)	Published
	Factor proportion model for Russian mineral supply-driven global energy transition: Does externality matter? - Md.	Energy Economics, 2024, vol. 129, issue C (ELSEVIER)	Published

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	Monirul Islam, Kazi Sohag, Andrey Berezin and Bruno S. Sergi		
	Mineral import demand-driven solar energy generation in China: A threshold estimation using the counterfactual shock approach - Md. Monirul Islam, Kazi Sohag and Oleg Mariev	Renewable Energy, 2024, vol. 221 (11):119764 (ELSEVIER)	Published
	Export diversification and disaggregate energy consumption in BRICS economies: Does environmental degradation matter?- Faheem Ur Rehman, Abul Ala Noman, Md. Monirul Islam, Yuan Wu and Ahmad Sayed Mohammad Metwally	Energy & Environment, 2023 Sage	Published
	Impacts of nuclear energy, greener energy, and economic progress on the load capacity factor: What we learn from the leading nuclear power economies?- Wei Teng, Md. Monirul Islam, László Vasa, Shujaat Abbas and Umer Shahzad	Elsevier(Geoscience Frontiers(Scopus)), 2023	Published
	Mineral import demand-driven solar energy generation in China: A threshold estimation using the counterfactual shock approach - Md. Monirul Islam as First author	Renewable Energy, Elsevier Ltd.	Under Review
	Is green investment a boon or a bane for renewable energy and environmental sustainability? Evidence from the top 10 energy transition countries - Md. Monirul Islam	Renewable Energy, Elsevier Ltd.	Under Review
	Navigating the Complexities of Energy Transitions: An Analysis of Clean Energy Adaptation in the Face of Mineral and Oil Price Shocks and Volatilities - Md. Monirul Islam	Global Environmental Change, Elsevier Ltd. (A*)	Under Review
	Impacts of nuclear and greener energy on the load capacity factors: What we learn from the Leading Nuclear Power Economies - Md. Monirul Islam	Geoscience Frontiers, Elsevier Ltd.	Submitted
	Factor Proportions Model for Russian Mineral Supply-driven Global Energy Transition: Do Externalities Matter? - Md. Monirul Islam	Energy Economics, Elsevier Ltd. (A*)	Submitted
	The interdependence of the rare earth prices with clean energy, and technology companies' markets - Md. Monirul Islam	Geoscience Frontiers, Elsevier Ltd.	Submitted
	Revisiting the energy-growth nexus in Canada within the purview of internal and external dynamics - Md. Monirul Islam	Renewable Energy, Elsevier Ltd.	Submitted
	Dimensions of energy poverty, growth, and environmental vulnerability in Asian		Completed

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	lower-middle-income economies - Mowshumi Sharmin		
	Energy Consumption, Economic Growth and Institutional Quality-driven Environmental Degradation in Bangladesh: Applying Updated DARDL Simulations Approach - Md. Monirul Islam and Samuel Asumadu-Sarkodie		Completed
	Powering the Clean Energy Revolution in Europe: A Study on the Role of Chinese Rare Earth Imports and the Implications of Geopolitical Risk Factors - Md. Monirul Islam	Energy Policy, Elsevier Ltd.	Completed
	Mineral Production Amidst the Economy of Uncertainty: Response of Metallic and Non-Metallic Minerals to Geopolitical Turmoil in Saudi Arabia - Md. Monirul Islam		Completed
	Mineral import demand and wind energy generation: Evidence from the top mineral importing countries - Md. Monirul Islam as First author		Completed
Environment	Econometric Analysis of the Effect of Economic Globalization, Energy Intensity, Urbanization, Industrialization and Growth on CO ₂ Emissions of Bangladesh - Mowshumi Sharmin and Mohammad Tareque	Managing Global Transitions, Vol. 16, No.4, 2018 (University of Primorska, Slovenia)	Published
	Relationship of Renewable and Non-Renewable Energy Utilization with CO ₂ Emission of Bangladesh - Mowshumi Sharmin	Energy Economics Letters (Asian Economic and Social Society-AESS), VOL. 8 NO. 1, 49-59, (2021)	Published
	Sustainable Growth-Environment Nexus in the Context of Four Developing Asian Economies: A Panel Analysis - Mowshumi Sharmin and Mohammad Tareque	Managing Global Transitions, 18(3):237–256, (2022)	Published
	Economic growth and environmental pollution nexus in Bangladesh: revisiting the environmental Kuznets curve hypothesis –Md. Monirul Islam, Md. Mahmudul Alam, Faroque Ahmed & Abul Quasem Al-Amin	International Journal of Environmental Studies, VOL. 80, NO. 1, 68–92, 2023	Published
	Energy consumption–economic growth nexus within the purview of exogenous and endogenous dynamics: evidence from Bangladesh - Md. Monirul Islam and Md. Saiful Islam	OPEC Energy Review (Wiley)	Published
	Nexus between CO ₂ Emission, Energy Use and Sectoral Output: A Panel Cointegration Analysis of South Asia - Mowshumi Sharmin	Journal of Energy Sector Management	Published

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	An Analysis of Energy, Environment and Economic Growth (EEE) Nexus: A 2SLS Approach -Mowshumi Sharmin, Sima Rani Dey, Faroque Ahmed and Mohammad Tareque	OPEC Energy Review, Vol. 46, Issue 02, pp. 228-249, 2022. (Wiley)	Published
	Modelling the Asymmetric Relationship Between Urbanization, Energy Consumption and CO2 Emissions: A Study of Income Classified Economies - Sima Rani Dey, Tanzila Sultana and Mowshumi Sharmin	Environment and Urbanization ASIA. Vol. 13, Issue 2, pp. 333–355, 2022. (Sage)	Published
	Measuring Economic, Social and Environmental Wellbeing of Asian Economies - Mowshumi Sharmin, Sima Rani Dey and Dr. Tariqul Islam	Environmental Science and Pollution Research, Vol. 29, Issue 13, pp. 18591-18604, 2022. (Springer)	Published
	Impact of Globalization, Foreign Direct Investment and Energy Consumption on CO2 Emissions in Bangladesh: Does Institutional Quality Matter? - Md. Monirul Islam, Dr. Mohammad Kamran Khan, Dr. Mohammad Tareque, Noor Jehan and Vishal Dagar	Environmental Science and Pollution Research (Springer)	Published
	Renewable and Non-Renewable Energy Consumption Driven Sustainable Development in ASEAN Countries: Do Financial Development and Institutional Quality Matter? -Md. Monirul Islam, Md. Idris Ali, Brian Ceh, Sanjeet Singh, Muhammad Kamran Khan and Vishal Dagar	Environmental Science and Pollution Research (Springer) 16 th January, 2022	Published
	Promoting Sustainable Development through Realizing the Demographic Dividend Opportunity in the Digital Economy: A Case Study of Nepal - Tapan Sarker, Shristi Tandukar and Sima Rani Dey	Asian Development Bank Institute (ADB) (ADBI) March, 2021	Published
	Globalization and Politico-administrative factor-driven energy-growth nexus: A Case of South Asian Economies - Md. Monirul Islam and Dr. Md. Saiful Islam	Journal of Public Affairs (Wiley and Sons)	Published
	Roles of Public Financing to Address Urban Faecal Sludge Management (FSM) Services in Bangladesh: a Study of Dhaka And Faridpur Cities	The Journal of Solid Waste Technology and Management	Published
	Green finance in the crossfire: Assessing the impact of Russian and Ukrainian geopolitical risks on global green finance under quantile dependency analysis - Md. Monirul Islam	Environmental Economics and Policy Studies, Springer Nature	Under Review
	Spillover across the crude oil and major global pairs of currencies using the	Environment, Development and Sustainability, Springer Nature	Under Review

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	dynamic quantile frequency analysis - Md. Monirul Islam		
	Micro Proposal on Environmental Well-being - Mowshumi Sharmin, Sima Rani Dey and Faroque Ahmed		Ongoing
	The Role of Biocapacity, Natural Resources, Energy, Human Capital and Institutional Quality on Emission and Ecological Footprint: A Selected Regional Comparison Mowshumi Sharmin and Shirin Sharmin		Ongoing
	Role of Institutions on Environmental Degradation: Evidence from Asian Economies - Mowshumi Sharmin; Shirin Sharmin; Tasneem Islam Dyuti		Ongoing
	The Dose-Response of Environmental Indicators to the Policy Stringency - Md. Monirul Islam		Ongoing
Health and Governance	Do the issues of religious minority and coastal climate crisis increase the burden of chronic illness in Bangladesh? - Altaf Hossain, Md. Jahangir Alam, Janardhan Mydam and Mohammad Tareque	BMC Public Health 10 February, 2022(Springer)	Published
	Bangladesh National Adolescent Health Strategy, A Step to Achieve Sustainable Development Goals by 2030: A Policy Analysis and Legal Basis - Tahmina Sultana and Mohammad Tareque	International Journal of Legal Studies, Vol. 5, Issue 1, 2019	Published
	An Assessment of Anemia Status of Child-Mother Pairs in Bangladesh - Jahidur Rahman Khan, Md. Mazharul Islam, Raaj Kishore Biswas and Amena Sultana	Children and Youth Services Review 112:104851, 2020 (Elsevier)	Published
	Healthcare Capacity, Health Expenditure and Civil Society as Predictors of COVID-19 Case Fatalities: A Global Analysis –J ahidur Rahman Khan, Nabil Awan, Md. Mazharul Islam and Olav Muurlink	Frontiers in Public Health 8:347, 2020 (Frontiers Media S.A.)	Published
	Policy Options of Increasing utilization of Community Clinics: A Study in Rural Bangladesh – Tahmina Sultana	International Journal of New Economics and Social Science (IJONESS)	Published
	Associations of Socio-Demographic and Environmental Factors with the Early Development of Young Children in Bangladesh -school Aged Children in Bangladesh - Md. Mazharul Islam, Jahidur Rahman Khan, Antara Kabir, Mohammad Zillur Rahman Khan and Md. Monirul Islam	International Journal of Early Childhood	Published

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	An Inquiry into the Achievements in Health Outcomes of Bangladesh: Role of Health Expenditure, Income, Governance and Female Education - Tahmina Sultana, Faroque Ahmed and Mohammad Tareque	International Journal of Human Rights in Healthcare (Emerald)	Published
	Impacts of COVID-19 Pandemic on National Security Issues: Indonesia as a Case Study - Md. Mahmudul Alam, Agung Masyad Fawzi, Md. Monirul Islam and Jamaliah Said	Environment Development and Sustainability (Springer)	Published
	Creative Social Media Use for COVID-19 Prevention: A Structural Equation Modeling Approach - Md. Monirul Islam, Md. Mazharul Islam and Faroque Ahmed and Afrin Sadia Romana	Social Network Analysis and Mining, 11(1), 1-14. 10 April, 2021	Published
	Preventing Transmission of Diarrheal Diseases: Assessing the Factors of Effective Handwashing Facility (EHF) in Bangladesh - Sorif Hossain, Md. Mazharul Islam, Md. Asraful Islam Khokon and Md. Monirul Islam	The Journal of Population and Social Studies Nov 8, 2021	Published
	How the Covid-19 lockdown affects social relationships in Bangladesh: A social media-based cross-sectional study - Sima Rani Dey	International Social Science Journal, Vol. 72, Issue 245, pp. 887-903, 2022. (Wiley)	Published
	A negative association between prevalence of diabetes and urban residential area greenness detected in nationwide assessment of urban Bangladesh - Jahidur Rahman Khan, Amena Sultana, Md. Mazharul Islam and Raaj Kishore Biswas	Scientific Reports (Nature Publishing Group)	Published
	Strengthening the Trialability for the Intention to Use of mHealth Apps Amidst Pandemic: A Cross-sectional Study - Munshi Muhammad Abdul Kader Jilani, Md. Moniruzzaman, Mouri Dey, Edris Alam and Md. Aftab Uddin	International Journal of Environmental Research and Public Health, MDPI, Switzerland.	Published
	Relationship between blood pressure and body mass index in young adult population: A national-level assessment in Bangladesh -Jahidur Rahman Khan, Raaj Kishore Biswas and Md. Mazharul Islam	British journal of nutrition 29 December 2021	Published
	Partnerships in the introduction of new routine vaccines in Bangladesh: evidence from a prospective process evaluation - Sharmin Khan Luies, Tahmina Sultana, Ashwin Budden, Mohammad Asaduzzaman, Md. Billal Hossain, Matthew Kelly, Darren Gray, Md. Jasim Uddin and Haribondhu Sarma	BMJ Open Volume 12, Issue 9 September 2022	Published
	Quantification of Urbanization Using Night-Time Light Intensity in Relation to	Journal of Urban Health	Published

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	Women's Overnutrition in Bangladesh – Jahidur Rahman Khan, Mazharul Islam, Abu Saleh Mosa Faisal, Humayera Islam and K Shuvo Bakar	8th May, 2023	
	Correlations among the maternal healthcare services in Bangladesh: An application of joint modelling technique - Kakoli Rani Bhowmik, Sumonkanti Das, Unnati Rani Saha, Ruhul Amin and Md Atiqul Islam	Heliyon (Scopus Indexed)	Published
	Does higher tax rate affect tobacco usage? Unravelling the nexus between tobacco regulatory control and public health concern - Md Mominur Rahman, Bishawjit Chandra Deb and Md Jahid Hasan	Global Health Journal	Published
	Assessing the knowledge, attitude, and practice (KAP) of parents and service providers' perceptions on invalid vaccine doses: A study in urban slums of Bangladesh - Tahmina Sultana, Md. Moniruzzaaman and Sima Rani Dey	Qeios 5July, 2023	Submitted
	The Survey Dataset of the Influence of Diffusion Innovation Theory on Behavioral Intention to adopt mHealth apps - Munshi Muhammad Abdul Kader Jilani	Data in Brief	Under Review
	Modeling Risk of Infectious Disease: A Case of Covid-19 Outbreak in Four Countries - Md. Mazharul Islam, Md. Monirul Islam, Md. Mahmudul Alam, Jamal Hossain and Faroque Ahmed	Travel Medicine and Infectious Disease (Elsevier)	Under Review
	Battling the COVID-19 Pandemic: Is Bangladesh Prepared? - Md Hasinur Rahman Khan, Tamanna Hawlader and Md. Mazharul Islam	Disaster Medicine and Public Health Preparedness	Under Review
	Governance Paradigm of Bangladesh: A Review - Dr. Mohammad Tareque and Mowshumi Sharmin		Completed
	Governance failure or policy failure in the state? A discourse - Dr. Mohammad Tareque and Md. Monirul Islam		Completed
	Indirect Estimation of Fertility Trends using Data on Children Ever Born in Bangladesh - Tahmina Sultana and Choe Chunggum		Completed
	Analyzing Parents-Adolescent Relation for Smoking Cessation using Theory of Planned Behavior: Evidence from Bangladesh Global School-based Student Health Survey - Tahmina Sultana		Completed
	Assessment of the Utilization of Gavi-funded Birthing Room Facility at	(Primary Research)	Completed

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	Community Clinics and the Service Recipients' Perception on Safe Delivery: A Cross-Sectional Study - Tahmina Sultana		
	Quitting of Tobacco Use at University Level: A Cross-Sectional Study - Tahmina Sultana and Md. Mazharul Islam		Ongoing
	Does policy implementation problem induce policy failure in Bangladesh? A moderated-mediation analysis using SEM - Md. Monirul Islam		Ongoing
	A Double-Blind Cluster Randomized Controlled Trial (RCT) to Evaluate the Cigarette Quitting Strategies in Bangladesh: A Study Protocol - Tahmina Sultana		Ongoing
	Challenges in Implementation of Gavi, the Vaccine Alliance Grants for Health System Strengthening in Bangladesh: A Process Evaluation - Tahmina Sultana, Haribondhu Sarma, Sharmin Khan Luies, Ashwin Budden, Stephen Lim, Md. Shamsuzzaman, Jessica Shearer, Laura Craw and Md. Jasim Uddin		Ongoing
Public Health	Analysis of a data driven vector-borne dengue transmission model for a tropical environment in Bangladesh Mahadee Al Mobin, Md. Kamrujjaman, Md. Mamun Molla and Shi Chen	Modeling Earth Systems and Environment	Submitted
	Individual and community-level determinants of quality antenatal care in six South Asian countries - Md Injamul Haq Methun; Bright Opoku Ahinkorah, Md Mehedi hassan, Joshua Okyere, Md Jakaria Habib, Abdul-Aziz Seidu and Md. Kamrul Hasan	Scientific Reports(Scopus Indexed)	Under Review
	Socioeconomic Inequality in Quality Antenatal Care Utilization in Bangladesh, India, Indonesia, and Cambodia: A Decomposition analysis - Md Injamul Haq Methun, Md Jakaria Habib and Md. Kamrul Hasan	BMC Public Health(Scopus Indexed)	Under Review
	Decomposition of Inequality in Child and Maternal Health Services in Bangladesh: An Evidence from the Demographic and Health Survey of 2014 and 2018 - Nafis Sadik		Completed
	Quantile dependence of global EPU and GPR on financial stress index: Evidence from 5 most open economies among G-20 - Md. Monirul Islam		Completed

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	Developing influential factors that affect the adoption of mHealth services: A Configurational Analysis – Munshi Muhammad Abdul Kader Jilani, Shafin Haque Omlan and Asir Newaz Khan		Completed
	Factors of Child Functional Difficulty Status in Bangladesh: An Analysis of 2017/18 Multiple Indicator Cluster Survey - Md. Akhtaruzzaman Limon, Muhammad Nafis Shahriar Farabi and Ruhul Amin		Ongoing
Think Tank	The Role of Think Tanks in Social Policy-Making: The Bangladesh Perspective - Md. Monirul Islam	Journal of International Business and Management Vol. 1, Issue 2, 2018	Published
	Rise and Trend of Think Tanks: A Policy Relevant Perspective - Md. Monirul Islam	Public Affairs and Governance, Vol. 6, Issue 2, 2018	Published
	From 7 th March to Independence Movement by Harun-ur-Rashid (Book Review) - Md. Monirul Islam and Md. Rafiqul Islam	Strategic Analysis (Tailor and Francis)	Submitted
Machine Learning	A Comparative Study of Credit Card Fraud Detection Using the Combination of Machine Learning Techniques with Data Imbalance Solution - (FA, RS). - Faroque Ahmed and Rittika Shamsuddin	2021 2nd International Conference on Computing and Data Science (CDS) (pp. 112-118). IEEE.	Published
	Machine learning to promote health management through lifestyle changes for hypertension patients - Md. Mazharul Islam and Rittika Shamsuddin	Array	Published
	WRD-Ensemble: A new form of ensemble feature selection method for medical dataset - Arju Manara Begum, M. Rubaiyat Hossain Mondal, Prajoy Poddar and Joarder Kamruzzaman		Accepted
	Semi-Supervised Machine Learning Method for Predicting Observed Individual Risk Preference Using Gallup Data - Faroque Ahmed, Mrittika Shamsuddin, Tanzila Sultana and Rittika Shamsuddin	Mathematical and Computational Applications, MDPI, WoS (ESCI), IF: 1.9	Accepted
	Combined Over-Sampling: An Approach for Imbalance Diabetes Diseases Prediction - Munshi Muhammad Abdul Kader Jilani, Muhammad Tanveer Islam, Muhammad Nafis Shahriar Farabi and Ahsan Habib		Ongoing
	Does political rights issue promote sustainable development in Bangladesh with the presence of macroeconomic determinants and ICT: A DARDL and		Ongoing

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	KRLS machine learning algorithm approach - Faroque Ahmed		
	Prediction of Risk taking behavior using MachineLearning: Evidence from Gallup data- Md. Mazharul Islam, Rittika Shamsuddin, Tanzila Sultana and Faroque Ahmed		Ongoing
	Artificial Neural Network Equalizer for Free-Space Optical Wireless Communication - Abdul Wadud		Ongoing
	Efficacy of Sentiment Analysis Using Hybrid Deep Learning Methods in Dynamic Social Networks - Sentiment Analysis – Al-Amin		Ongoing
	A Machine Learning Algorithms for Predicting Actual Social Distancing of COVID-19 outbreak using Theory of Planned Behavior - Munshi Muhammad Abdul Kader Jilani, Faroque Ahmed, Mominur Rahman and Md. Shafin Haque Omlan		Ongoing
Finance	Volatility in the Stock Market of Bangladesh -Faroque Ahmed, Md. Monirul Islam and Md. Mazharul Islam	European Journal of Scientific Research (EJSR), Volume 156, Issue No 3, May, 2020	Published
	Exploring the Behavior of App Developers and the Future of Digital Bangladesh - Altaf Hossain, Md Abdullah Amir Hamja, Faroque Ahmed and Kayum Mohammad Arafat	European Journal of Social Sciences (EJSS) 59 (3), 255-264, 2020	Published
	Financial infrastructure—total factor productivity (TFP) nexus within the purview of FDI outflow, trade openness, innovation, human capital and institutional quality: Evidence from BRICS economies-Faheem Ur Rehman and Md Monirul Islam	Journal of Applied Economics (Taylor and Francis) 11 Jul 2022	Published
	Do the Inward and Outward Foreign Direct Investments Spur Domestic Investment in Bangladesh? A Counterfactual Analysis - Md. Monirul Islam, Mohammad Tareque, Abu N. M. Wahid, Md. Mahmudul Alam and Kazi Sohag	Journal of Risk and Financial Management 15, no. 12: 603 13 December 2022	Published
	Unveiling the Link between Environmental Management Accounting, Energy Efficiency, and Accountability in State-Owned Enterprises: An Integrated Analysis using SEM and fsQCA - Md. Mominur Rahman, Shuvabrata Saha and Mahfuzul Hoque	Environmental Challenges, (Elsevier)	Published
	Does energy poverty moderate the relationships between financial inclusion,	Environmental Challenges(Scopus Indexed)	Published

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	FinTech lending, and economic growth?: a methodological comparison using fsQCA, NCA, and econometric models - Md. Mominur Rahman		
	The effect of audit committee expertise on audit quality: in the context of 4th industrial revolution - Md. Mominur Rahman	Journal of Risk Analysis and Crisis Response(Scopus Indexed)	Under Review
	Does Green Financing Moderate the Effect of Trade Openness on Carbon Emissions in Emerging Countries? Threshold Effect Model - Md. Mominur Rahman	Sage Open(Web of Science)	Under Review
	The Impact of Green Accounting and Green Taxes on Environmental Performance: Mediating Effects of Sustainable Production - Md. Md. Mominur Rahman, Mohammad Ekramol Islam and Mohammad Abul Kalam Azad	Innovation and Green Development	Under Review
	Unlocking environmental, social, and governance (ESG) performance through energy efficiency and green tax: evidence from Bangladesh perception through PLS-ANN approach - Md. Mominur Rahman	Energy Advances, Royal Society of Chemistry	Under Review
	Nexus of environmental management accounting on environmental, social, and governance (ESG) performance: evidence from symmetrical and asymmetrical approach - Md. Mominur Rahman and Arman Hossain	Environmental Science: Advances, Royal Society of Chemistry	Under Review
	The Impact of Financial Development on Poverty and Inequality: A Panel of 163 Countries-Sima Rani Dey and Tanzila Sultana		Ongoing
	Digital Finance and Economic Growth: The Bangladesh Experience - Sima Rani Dey		Ongoing
	Modelling the Asymmetric Relationship between Financial Development and Environmental Degradation of Bangladesh: An NARDL Approach – Sima Rani Dey		Ongoing
International Trade	Trade-related International Support Measures Withdrawn from Bangladesh: Least Developed Country Graduation Perspective – Roksana Khan	International Journal of Trade and Global Markets	Submitted
	Global Value Chains and Nascent Digital Enterprises: Evidence from Least Developed and Emerging Countries - Md. Monirul Islam as Second author	International Journal of Entrepreneurial Behaviour & Research, Emerald Insight	Accepted
	Geopolitical Risks and BRICS Trade Integration - Md. Monirul Islam	Journal of Central Banking Law and Institution	Accepted

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	Assessing the Impact of Russian-Ukrainian Geopolitical Risks on Global Green Finance: A Quantile Dependency Analysis - Faroque Ahmed, Md. Monirul Islam and Md. Sujaat Abbas	Environmental Economics and Policy (Springer)(Web of Science)	Accepted
External Sector and Remittance	International Remittances and Household Expenditure Patterns in Bangladesh - Sima Rani Dey and Faroque Ahmed	The Indian Economic Journal (Sage)	Accepted
	Relationship between External Sector and Economic Growth in the Presence of Human Rights Violation: A Case of Bangladesh - Md. Monirul Islam and Jamal Hossain		Completed
	Impact of Remittances on Wellbeing of Returnee Migrants: A Household Level Study - Sima Rani Dey, Faroque Ahmed, Mohammed Tareque and Md. Moniruzzaman	European Journal of Development Research (Springer)	Submitted
	Remittance paper focusing on economic impact of Wellbeing - Faroque Ahmed and Sima Rani Dey		Submitted
	Efficacy of Monetary Incentives on Remittance Inflows Using Intervention Analysis: Case of Bangladesh - Muhammad Nafis Shahriar Farabi, Mahadee Al Mobin and Asir Newaz Khan		Submitted
	Recycling through Technology Diffusions for Circular Economy in Europe: A Decomposed Assessment – Md. Monirul Islam	Technological Forecasting and Social Change, Elsevier Ltd.	Submitted
Economics	Moderating effects of energy poverty on financial inclusion, FinTech lending, and economic growth: Evidence from fsQCA, NCA, and econometric models - Md Mominur Rahman	Environmental Challenges, 2024, Volume 15, 100867, Elsevier.	Published
	The Impact of the Fiscal Stimulus on the Economy during COVID-19 in Bangladesh: A Mixed Method Approach - Ruhul Amin, Nahian Rahman, Samira Tasnim, Sima Rani Dey, Mohammad Tareque	Economies	Submitted
	B2B marketing-industrial value added-sustainable development nexus: Do geopolitical risks and economic policy uncertainty matter?- Md. Monirul Islam	Industrial Marketing Management, Elsevier Ltd. (A*)	Submitted
	Electrification-social development nexus in Bangladesh: Do the governmental policies matter?- Md. Monirul Islam	Utilities Policies, Elsevier Ltd.	Submitted

Broad Category	Title & Authors	Journal/Others	Status
	Spillover Effect of Geopolitical Risks on Equity Markets: A Global VAR Approach Arabia - Md. Monirul Islam		Submitted
	Maximizing Productive Efficiency: The Role of Foreign and Domestic Investments in Total Factor Productivity in Pakistan - Md. Monirul Islam	Economic Modelling, Elsevier Ltd.	Under Review
	Impact of Returnee Migrants' Remittances on Reducing Inequality and Poverty among Households in Bangladesh: A Micro level Study - Faroque Ahmed, Md. Monirul Islam and Md. Moniruzzaman	International Journal of Migration, Health and Social Care(Web of Science)	Under Review
	Global, Local, or Glocal? Unravelling the Interplay of Geopolitical Risks and Financial Stress - Faroque Ahmed, Constantin Gurdgiev, Kazi Sohag, Md. Monirul Islam and Veton Zeqiraj	Journal of Multinational Financial Management	Under Review
	Do anti-corruption commission improve governance quality? Developing countries' perspective - Md. Monirul Islam	Economic Restructure	Under Review
	Investment-growth nexus in Bangladesh: Crowding-in or crowding-out? - Md. Monirul Islam		Ongoing
	Nexus of AI-driven Fintech Companies' Output, Mineral Prices, and Inflated Sovereign Bonds: Unraveling the Impact of Russia-Ukraine Geopolitical Risk - Md. Monirul Islam		Ongoing
	Inequalities in Early Childhood Development: A Decomposition Analysis - Tasfia Tasneem Ahmed		Ongoing
Tourism and Destination Management	Discovering Tourist Preference for discovering destination spots: A Pattern Mining based Approach - Md. Rafiqul Islam, Munshi Muhammad Abdul Kader Jilani, Shah Jahan Miah, Sanjita Akter, Anwar Ulhaq	Asia Pacific Journal of Tourism Research (Taylor and Francis)	Published
Human Resource and Organizational Development	Corporate Environmental Strategy and Voluntary Environmental Behavior-Mediating Effect of Psychological Green Climate-Anupam Kumar Das, Shetu Ranjan Biswas, Munshi Muhammad Abdul Kader Jilani and Md. Aftab Uddin	Sustainability, Vol: 11, Nos:11, 2019 (MDPI)	Published
	Linking Transformational Leadership with Employees' Engagement in the Creative Process- Mohammad Tahlil Azim, Luo Fan, Md Aftab Uddin, Munshi Muhammad Abdul Kader Jilani and Sumayya Begum	Management Research Review, Vol: 42, No:7, 2019 (Emerald)	Published
	The Influence of Knowledge Sharing on Sustainable Performance: A Moderated	Sustainability, Vol: 12, No:3, 2020	Published

Broad Category	Title & Authors	Journal/Others	Status
	Mediation Study-Munshi Muhammad Abdul Kader Jilani, Luo Fan, Mohammad Tazul Islam and Md Aftab Uddin.	(MDPI)	
	Empirical Study on Antecedents Predicting Organizational Resilience of Small and Medium Enterprises (SME) in Bangladesh. - Luo Fan, Munshi Muhammad Abdul Kader Jilani, Mansura Nusrat, and Md. Aftab Uddin.	Published by Yamaguchi University, Japan, and Wuhan University of Technology, China. Proceedings of 15 th International Conference on Innovation and Management (ICIM-2018)	Published
	Relationship between Organizational Engagement Climate and Employee Resilience: Mediating Role of Employee Engagement. - Munshi Muhammad Abdul Kader Jilani, Luo Fan, Mansura Nusrat, and Md. Aftab Uddin.	Published by Yamaguchi University, Japan, and Wuhan University of Technology, China. Proceedings of 15 th International Conference on Innovation and Management (ICIM-2018)	Published
	Testing the Relationship between Intention and Actual 'Social Distancing' Behavior to Reduce the Spread of COVID-19: The Theory of Planned Behavior Approach - Munshi Muhammad Abdul Kader Jilani, Faroque Ahmed, Mohammed Saiful Islam and Moslehuddin Chowdhury Khaled	Published by Faculty of Business Administration, University of Chittagong, Bangladesh. Proceedings of the National Conference on the Fourth Industrial Revolution: Reshaping Business for Sustainable Development in Bangladesh.	Published
	How do social media literacy, psychological capital, and work engagement influence the employees' morale in Event and Tourism Industry? - Fatema Johara, Munshi Muhammad Abdul Kader Jilani, and Md. Aftab Uddin	Technology Application in Tourism Fairs, Festivals and Events in Asia. Springer, Singapore (Book Chapter)	Published
	Does Tourism and Hospitality Workplace Fun Influence Employee Deep Acting in a Moderated Situation - Md. Aftab Uddin, Munshi Muhammad Abdul Kader Jilani, and Fatema Johara	Tourism and Hospitality in Asia: Crisis, Resilience and Recovery. (Springer, Singapore) (Book Chapter)	Published
	Relative Impact of Fiscal and Monetary Policies of Bangladesh: A Comprehensive Approach - Asif Hossain, Md. Monirul Islam and Dr. Mohammad Tareque	BIGM Journal of Policy Analysis	Published
	Does Green HRM Trigger Green Creativity? Roles of Green Psychological Capital and Green HR Support Climate - Md. Gaffar Khan and Munshi Muhammad Abdul Kader Jilani		Ongoing
	Examining Career Growth Self-efficacy and Its Relation to Employee Reputation and Workplace Mindfulness - Munshi Muhammad Abdul Kader Jilani		Ongoing
	A Study on suicide among students in Bangladesh using Stigma of Suicide Scale (SOSS) and Literacy of Suicide Scale (LOSS)- Shafin Haque Omlan and Md.		Ongoing

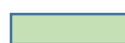
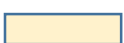




Broad Category	Title & Authors	Journal/Others	Status
	Munshi Muhammad Abdul Kaader Jilani		
	An Independent Evaluation of BBS – Dr. Krishna Gayen		Ongoing
Training and Development	Enhancing Post-Training Evaluation of Annual Performance Agreement Training: A Fusion of fsQCA and Artificial Neural Network Approach- Md. Zohurul Islam, Munshi Muhammad Abdul Kader Jilani (Corresponding author) and Mohammad Rezaul Karim	PLOS ONE	Submitted
Data Communication and Networks	Performance of Non-defragmentation based Proactive Fragmentation Management Scheme in Elastic Optical Network - Abdul Wadud., Oki, E., and Chatterjee, B. C.	Advances in Modern and Applied Sciences, 196.	Published
	Performance and challenges of Bi-directional resource allocation in multi-core space division multiplexing elastic optical networks. Optical Switching and Networking, 100685 Abdul Wadud and Basalamah, A.	Optical Switching and Networking (Elsevier Journal), 100685	Published
	QACM: QoS-Aware xApp Conflict Mitigation in Open RAN - Abdul Wadud, Fatemeh Golpayegani and Nima Afraz	IEEE Transactions on Green Communications and Networking (Scopus Indexed)	Submitted
	Conflict Management in the Near-RT-RIC of Open RAN: A Game Theoretic Approach - Abdul Wadud, Fatemeh Golpayegani, and Nima Afraz	The 16th IEEE International Conference on Cyber, Physical and Social Computing (CPSCoM 2023)	Accepted
	Assessing Network Risks: A Comparative Study of Router Security - Warda Ruheen Bristi		Ongoing
Bioinformatics	Bioinformatics and System Biological Approaches for the Identification of Genetic Risk Factors in the Progression of Cardiovascular Disease - Joy Dip Barua, Shudeb Babu Sen Omit, Humayan Kabir Rana, Nitun Kumar Podder, Utpala Nanda Chowdhury and <u>Md Habibur Rahman</u>	National Library of Medicine 9 August 2022	Published
	Consumption Value and Organic Food Purchasing Behavior of Online Consumers – Sheikh Ashiqurrahman Prince and Ishraat Saira Wahid	Humanities and Social Sciences Communications	Submitted

Broad Category	Title & Authors	Journal/Others	Status
Social Distancing and COVID-19	Integration of Theory of Planned Behaviour into Actual Social Distancing behaviour Amid Covid-19 – Munshi Muhammad Abdul Kader Jilani, Faroque Ahmed, Mohammed Ali and Moslehuddin Chowdhury Khaled	Social Science and Humanities Open (Elsevier)	Published
	Fighting Ahead: Adoption of Social Distancing in COVID-19 Outbreak through the Lens of the Theory of Planned Behavior - Anupam Kumar Das, Munshi Muhammad Abdul Kader Jilani, Mohammad Shahab Uddin, Md. Aftab Uddin and Ajoy Kumar Ghosh	Journal of Human Behavior in the Social Environment (Taylor and Francis)	Published
	Extending the Theory of Planned Behavior to Envisage Social Distancing Behavior in Containing COVID-19 Outbreak - Munshi Muhammad Abdul Kader Jilani, Aftab Uddin, Mohammad Shahab Uddin, Anupam Kumar Das and Mouri Dey	Heliyon	Published
Time Series Analysis	Downscaling Epidemiological Time Series Data for Improving Forecasting Accuracy: An Algorithmic Approach - Mahadee Al Mobin and Md. Kamrujjaman	Plos One	Published
	Predicting air quality of Dhaka and Sylhet divisions in Bangladesh: a time series modeling approach - Md Mazharul Islam, Mowshumi Sharmin and Faroque Ahmed	Air Quality Atmosphere & Health, Volume 13, Issue No: 5, pages 607–615, (2020)	Published
Accounting & Finance	The electrification-social development nexus in Bangladesh: Do governmental policies matter? - Mohammad Mijanur Rahman, Md. Monirul Islam, Sergei Nikolaevich Polbitsym and Shujaat Abbas	ELSEVIER	Published
	Unveiling the impact on corporate social responsibility through green tax and green financing: a PLS-SEM approach - Bishawjit Chandra Deb, Md Mominur Rahman and Mohammad Haseeb	Environmental Science and Pollution Research (Springer)	Published
	Efficacy of Sentiment Analysis Using Hybrid Deep Learning Methods in Dynamic Social Networks - Sentiment Analysis – Al-Amin		Ongoing
Utilities Policy	Assessing Workplace Culture Induced Incivility against Women: Evidence from Bangladesh Civil Service - Md. Monirul Islam, Md. Mazharul Islam, Fataraz Jahan and Nuzhat Bulbul	Journal of Gender Studies (Taylor and Francis)	Under Review

Broad Category	Title & Authors	Journal/Others	Status
Gender	Impact of Access to Land on Women's Empowerment: An Empirical Evidence from Rural Bangladesh - Tahmina Sultana, Kazi Tanvir Mahmud, Md Moniruzzaman and Mohammad Tareque	SAGE Open	Published
	Glass ceiling in the Career Development of Women in Public Sector: A Case Study on Bangladesh - Fataraz Zahan	The Indian Journal of Gender Studies	Submitted
	Impact of Remittances on Wellbeing of Returnee Migrants: A Household Level Study - Sima Rani Dey, Faroque Ahmed, Mohammed Tareque and Md. Moniruzzaman	European Journal of Development Research (Springer)	Submitted
	Impact of Covid-19 on Professional and Personal Life of Working Women in Bangladesh -Tahmina Sultana		Ongoing
	Mapping the Field of Child Marriage: a Systematic Review - Fataraz Zahan		Ongoing
Governance and Policy	Evaluating the Implementation Process of the National Skills Development Policy-2022 for Skilled Overseas Migration of Bangladesh - Nasim Ahmed		Ongoing
Consumer Behavior	Online Marketing Trends and Purchasing Intent Advances in Customer Satisfaction through PLS-SEM and ANN Approach - Khondaker Sazzadul Karim, Mohammad Ekramol Islam, Abdullah Mohammed Ibrahim, Shin-Hung Pan and Md. Mominur Rahman	Advances in Decision Sciences (ADS)	Published
	Halal-Organic Meat: A Successful Business and Humanitarian Model – Sheikh Ashiqurrahman Prince and Ishraat Saira Wahid	Humanities and Social Sciences Communications	Published
	The Perspective of Consumers regarding Jamdani Industry of Bangladesh - Tasneem Islam Dyuti		Ongoing
Marketing	Assessing the Factors of Change Management in Teaching During and Post Covid-19 Pandemic: A PLS-SEM Approach - Mohammad Ekramol Islam, Md. Mominur Rahman, Shirin Shakil and Prince Das	BIGM Journal of Policy Analysis	Submitted
Education	Dynamic Response of Financial Stress to Geopolitical Tension and Global Oil Price: A GVAR Approach - Faroque Ahmed, Kazi Sohag and Md. Monirul Islam	Journal of Financial Stability	Submitted
	Tech-Driven Learning: Unveiling the Keys to Student Engagement and Academic	Education Research International	Under Review

Broad Category	Title & Authors	Journal/Others	Status
	Success in Bangladesh - Md. Mominur Rahman		
	Assessing the Roles of Public Universities on Technology Adoption Trends for Business Graduates in Higher Education: a PLS-SEM Approach - Md. Mominur Rahman	Tertiary Education and Management, Springer	Under Review
Financial Economics	Unravelling the Spillover Effects of Uncertainty and Russian Financial Stress Index during Russia-Ukraine conflict - Faroque Ahmed	Russian Journal of Economics	Submitted
	Time-Varying effects of Global Oil cyclic Shock, Economic and Geopolitical Uncertainty on Financial Stress of G-7: A TVP-SVAR-SV Approach - Faroque Ahmed, Kazi Sohag and Md. Monirul Islam		Completed
	Impact of Economic Policy Uncertainty on Financial Stress of G-20. Do the oil price shocks consequential? - Faroque Ahmed, Md. Monirul Islam and Kazi Sohag		Completed
	Global Spillovers Effect of Geopolitical Risks and Oil Market Shocks on Equity Market: A GVAR approach - Faroque Ahmed, Kazi Sohag, Md. Monirul Islam and M. Kabir Hasan		Completed
	Impact of digital financial inclusion on economic growth: moderating effect of FinTech lending - Md. Mominur Rahman and Nafis Sadik		Ongoing

Note: Color denotation –

 Published	 Accepted	 Under Review
 Submitted	 Completed	 Ongoing

Synopsis: Total number of research papers 204 of which Published 86; Accepted 09; Under Review 27; Submitted 25; Completed 18 and Ongoing 39.

Research in BIGM

Bangladesh Institute of Governance Management (BIGM) is a premier knowledge hub focusing on academics, research, and training in public policy and management. While research activities gained momentum in August 2017, the overarching goal is to foster an environment conducive to policy research, supporting the country's evidence-based policymaking for attaining its developmental goals.

BIGM's diverse research portfolio encourages disciplinary, multidisciplinary, interdisciplinary, and transdisciplinary approaches, addressing national priorities. Researchers delve into areas such as economics, energy, environmental science, machine learning, public health, political science, public administration, good governance, data science, public policy and more. The institution has already published 86 research articles in esteemed international peer-reviewed journals, besides there are 8 accepted articles, 28 under review, 25 submitted, 18 completed, 39 ongoing and 15 in the conceptual stage, reflecting a robust and dynamic research pipeline. In 2021, BIGM established ReForm, an online research platform designed to host webinars, training courses, and workshops aimed at enhancing the skills of young researchers at home and abroad. With initiatives like 'R for Data Science' training course and webinars in diverse fields, ReForm solidifies BIGM's reputation as a specialized institution of international caliber.

Facilitating a culture of knowledge sharing, BIGM hosts weekly seminars where faculty and researchers present concepts of newly undertaken research and progress. This platform outlines new projects and engages in constructive debates for further improvement. The institute's researchers actively participate in national and international seminars, symposiums, and workshops, showcasing their expertise and disseminating research findings.

BIGM values collaborations with national/international academic institutions, research centers, universities, and think tanks for conducting research. It has successfully completed four research projects of the Cabinet Division, Ministry of Public Administration, and Finance Division of the People's Republic of Bangladesh in 2023. This collaboration highlights BIGM's acknowledged proficiency in research on public policy issues.

BIGM has conducted different training programs on different packages of Statistical Analysis & Modeling, Data Analytics, Quantitative Analysis using R, Python, Stata and Research Methodology for creating an enabling environment of doing research. Besides, two new training courses focusing on machine learning and SQL are in progress. Employing a range of strategies in different domains, BIGM aims to solidify its status as an institution of international standards.