Dr. Md. Rakibul Hoque
Associate Professor
Department of Management Information Systems
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Email: rakibul@du.ac.bd
Google Scholar: https://scholar.google.com/citations?hl=en&user=3AwQ-8kAAAAJ
Research Gate: https://www.researchgate.net/profile/Md_Hoque9
LinkedIn: https://www.linkedin.com/in/md-hoque-1423ba30/

Professional Experience

- Director, MBA (Evening) Program, Department of Management Information Systems (MIS), Faculty of Business Studies, University of Dhaka, Dhaka-1000, Bangladesh, July, 2020 to …
- Associate Professor, Department of Management Information Systems (MIS), Faculty of Business Studies, University of Dhaka, Dhaka-1000, Bangladesh. July, 2020 to …
- Visiting Scholar, School of Business, Emporia State University, Emporia KS 66801, USA. December, 2019 to July, 2020.
- Associate Professor, Department of Management Information Systems (MIS), Faculty of Business Studies, University of Dhaka, Dhaka-1000, Bangladesh. March, 2018 to December, 2019.
- Assistant Professor, Department of Management Information Systems (MIS), Faculty of Business Studies, University of Dhaka, Dhaka-1000, Bangladesh. April, 2012 to March, 2018.
- Lecturer, Department of Management Information Systems (MIS), Faculty of Business Studies, University of Dhaka, Dhaka-1000, Bangladesh. October, 2008 to April, 2012.
- Lecturer in Management Information Systems (MIS), Department of Business Administration, ASA University Bangladesh, Dhaka, Bangladesh. March, 2008 to October, 2008.
- Lecturer in Management Information Systems (MIS), Department of Business Administration, Northern University Bangladesh, Dhaka, Bangladesh. June, 2007 to March, 2008.

Educational Qualifications

PhD (Management Science and Engineering)
School of Management
Huazhong University of Science and Technology, Wuhan, China.
Marks: Awarded

MSc (Major in Management and Information Systems: Change and Development) (Distance)
Institute for Development Policy and Management (IDPM)
School of Environment and Development (SED), The University of Manchester, UK
Marks-**70.75%** (*Distinction*)

MBA (Major in Management Information Systems)
Department of Management Information Systems
Faculty of Business Studies, University of Dhaka.
Dhaka, Bangladesh.
CGPA-**3.92** (*First Position*)

BBA (Major in Management Studies)
Department of Management Studies
Faculty of Business Studies, University of Dhaka.
Dhaka, Bangladesh.
CGPA-**3.91** (*First Position*)

H.S.C.
Commerce Group, Dhaka Board.
Sherpur Govt. College
Sherpur, Bangladesh.
Division: **First**.

S.S.C.
Science Group, Dhaka Board.
Surzudi A. Ahmed High School
Sherpur, Bangladesh.
Division: **First**.

Research Grants and Consultancy Services

- Principal Investigator, "Mobile Based In-Home Patient Monitoring System for the Management of Chronic Disease of Indigenous Communities", Special Fund, ICT Division, Ministry of Posts, Telecommunications and Information Technology (Grant No. 56,00,0000, 028, 20, 001, 21-49).
- Co-investigator, "Use of IoT and Mobile Technologies for Healthcare Resource and Health Risk Management during Hajj", Deanship of Scientific Research (DSR), Ministry of Education and King Abdulaziz University, Jeddah, the Kingdom of Saudi Arabia, (IFPHI-060-156-2020).
- Research Collaborator, "Mapping and Predicting Job Skills in Demand: A Big Data Approach", UNDP Accelerator Lab in Bangladesh.
- Partner Investigator, "An investigation of the influence of big data analytics (BDA) on marketing teams' performance to gain competitive advantages using Structural Equation Modelling", Australian Institute of Business, Australia (Grant No: AIB2020/L1/01).
- Principal Investigator, "Assessing Needs of Persons with Disabilities in relation to ICT with pedagogy for ensuring access to education and vocational training", BANBEIS, Ministry of Education, Bangladesh (Grant No. 37.20.0000.004.033.020.2016.673).
- Co-investigator, "An Automatic System Design to Protect Intravenous Infusion Therapy Administration for Liquid of Blood Flow in Human Body", Innovation Fund, ICT Division, Ministry of Posts, Telecommunications and Information Technology (Grant No. 56,00,0000, 028, 33, 030, 19.298).
- Co-investigator, "Online Adaptive Learning for High School Students to Achieve SDG 4", BANBEIS, Ministry of Education, Bangladesh (Grant No. 37.20.0000.004.033.020.2016.2233).
- Principal Investigator, "World IT Project, Bangladesh", The University of North Carolina at Greensboro, USA.
- Country Investigator, "mHealth for Belt and Road (mHBR) Initiative", University of Michigan-Shanghai Jiao Tong University Joint Institute, Shanghai Jiao Tong University (SJTU), China.
- Project Director, "Impact Assessment of Union Digital Center: Citizen Empowerment Perspective", University of Dhaka Research Grants, Government of Bangladesh (Grant No. 85568).

- Research Collaborator, "Experimental Study of Mobility and Social Value by Utilizing Community Big Data", Toyota Motor Corporation, Aichi, Japan, Kyushu University, Fukuoka, Japan, Grameen Communications, Dhaka, Bangladesh (2018-2020).
- Research Advisor, Grameen Communications, Grameen Bank Bhaban, Dhaka, Bangladesh (2018).
- Consultant, "5-Year Strategy for Business Promotion Council (BPC)", Business Promotion Council (BPC), Ministry of Commerce, Bangladesh (Grant No. PI/C/PRG/2017/7).
- Project Director, "Reviewing a2i Study Findings", Access to Information (a2i) (Funded by UNDP and USAID), Prime Minister's Office of Bangladesh (Grant No. 2016-670).
- Co-investigator, "Understanding factors influencing the adoption of mHealth by the elderly", Seed Research Grant, Southern Cross School of Business (SCSB), Southern Cross University, Australia, (Grant No. 31496).
- Research Investigator, "The adoption of e-Health in developing countries: A patient's perspective" Project of Humanities and Social Science, Ministry of Education, China, (Project No. 13YJA630002).
- Research Investigator, "The determinants of Chinese adult children's intention to use online health information for their aged parents", Center for Modern Information Management Research Grants, School of Management, Huazhong University of Science and Technology (Project No. 2014AA043).
- Co-investigator, "Factors affecting the adoption of information and communication technology in small and medium enterprises: a perspective from rural Saudi Arabia", Deanship of Scientific Research (DSR), Ministry of Education and King Abdulaziz University, Jeddah, the Kingdom of Saudi Arabia, (Grant No. 611 – 830 - D1435).
- Co-investigator, "Cloud ERP Adoption in Saudi Arabia", Deanship of Scientific Research (DSR), Ministry of Education and King Abdulaziz University, Jeddah, the Kingdom of Saudi Arabia, (Grant No. 611 – 978 - D1435).
- Project Director, "Role of ICT in SMEs Development", University Grants Commission (UGC) Research Grants, Government of Bangladesh, (Grants No. 11-446).
- Project Director, "Adoption of ICT Based Healthcare Services in Rural Areas of Bangladesh", Rural Development Academy (RDA), Bangladesh, (Grant No. 278-4-2015).

Patent

- Automatic Saline Flow Stoppage Device (Submitted the application)

Course Taught

- Postgraduate Level (Enterprise Resource Planning, Database Management Systems, Big Data in Marketing, System Analysis & Design, Electronic Commerce, Information Technology Strategy, Spreadsheet Analysis & Modeling, Human Resource Information Systems)
- Undergraduate Level (Business Analytics, Fundamentals of Management Information Systems, Advanced Information Systems, Operations Management, Business Statistics, Project Management)

Book

- Hoque, M. R. & Bashaw E. (2020). *Cross-Border E-Commerce Marketing and Management,* ISBN: 9781799858232, IGI Global.

Refereed Book Chapters

- Sorwar, G. & Hoque, M. R. (2021). Challenges and Opportunities in the Adoption of IoT for the Elderly's Health and Wellbeing: A Systematic Review. *Digital Tools and Methods to Support Healthy Ageing,* The Institution of Engineering and Technology.
- Sorwar, G., Hoque, R., & Islam, S (2021). Assessing Cross-Border E-Commerce Success: A Cross-Country Analysis, *E-Business in the 21st Century*, ISBN 978-981-123-183-4, World Scientific Publishing Co. Pte. Ltd.
- Hoque, M. R. & Bashaw E. (2020). Cross-Border E-Commerce: An Emerging Norm, *Cross-Border E-Commerce Marketing and Management,* ISBN: 9781799858232, IGI Global.
- Hoque, M. R., Huda, S. & Hasan, R. M (2020). Healthcare robots for elderly people: A review of the robotic solutions, use cases, and barriers, *Mobile Technologies for Delivering Healthcare in Remote, Rural or Developing Regions.* ISBN: 978-1-83953-047-0, The Institution of Engineering and Technology.
- Hoque, M., & Palvia, P. (2020). Information Technology Issues in Bangladesh. *The World IT Project Global Issues in Information Technology*, ISBN: 978-981-120-863-8, World Scientific Publishing Co. Pte. Ltd. 29-41.
- Hoque, M. R. & Islam, S. (2020). Use of mobile health application to support belt and road initiatives: a cross-sectional study in China and Bangladesh, *Mobile Technologies for Delivering Healthcare in Remote, Rural or Developing Regions.* ISBN: 978-1-83953-047-0, The Institution of Engineering and Technology.
- Hoque, M. R. & Bao, Y. (2015). Application of Big Data in Healthcare: Opportunities, Challenges and Techniques. *Managing Big Data Integration in the Public Sector,* ISBN: 9781466696495, IGI Global, 149-168.

Refereed Journal Articles

- Hoque, M. R., Mumu J. R, Wanke, P. & Azad, M.A.K (2021). Application of Machine Learning Techniques in Chronic Disease Literature: From Citation Mapping to Research Front, *International Journal of Industrial and Systems Engineering*, IF: 1.30, ISSN: 1748-5037, Publisher: Inderscience Publishers.
- Al Amin, M., Arefin, M. S., Alam, R., Ahammad, T., & Hoque, M. R. (2021). Using Mobile Food Delivery Applications during COVID-19 Pandemic: An Extended Model of Planned Behavior. *Journal of Food Products Marketing*, 27(2), 105-126, IF: 2.80, ISSN: 1045-4446 Publisher: Taylor & Francis.
- Qaffas, A. A., Hoque, M. R., & Almazmomi, N. (2021). The Internet of Things and Big Data Analytics for Chronic Disease Monitoring in Saudi Arabia. *Telemedicine and e-Health*, 27(1), 74-81, IF: 1.996 (SCI), ISSN: 1530-5627, Publisher: Mary Ann Liebert, Inc.
- Hoque, M. R., Rahman, M. S., Nipa, N. J., & Hasan, M. R. (2020). Mobile health interventions in developing countries: A systematic review. *Health Informatics Journal*, 26(4), 2792-2810, IF: 2.932 (SCIE), ISSN: 1460-4582, Publisher: Sage Publications.
- Binyamin, S. S., & Hoque, M. R (2020). Understanding the Drivers of Wearable Health Monitoring Technology: An Extension of the Unified Theory of Acceptance and Use of Technology. *Sustainability*, 12(22), 9605, IF: 2.576 (SSCI), ISSN 2071-1050.
- Arefin, M. S., Hoque, M. R., & Rasul, T. (2020). Organizational learning culture and business intelligence systems of health-care organizations in an emerging economy**,** *Journal of Knowledge Management*. 25(3), 573-594**,** IF: 4.805 (SSCI), ISSN: 1367-3270, Publisher: Emerald Publishing Limited.
- Rasul, T., Hoque, M. R., & Arefin, M. S. (2020). Social Media for Web Communities of Female Entrepreneurs: A Prisma Compliant Exploration, *International Journal of Web Based Communities,* 16(4), 396–409, ISSN 1477-8394, Publisher: Inderscience.

- Sampa, M. B., Hoque, M. R., Islam, R., Nishikitani, M., Nakashima, N., Yokota, F., & Ahmed, A. (2020). Redesigning Portable Health Clinic Platform as a Remote Healthcare System to Tackle COVID-19 Pandemic Situation in Unreached Communities. *International Journal of Environmental Research and Public Health*, *17*(13), 4709, IF: 2.849 (SSCI), ISSN: 1660-4601.
- Islam, S., Hoque, M. R., & Al Jamil, M. A. (2020). Predictors of users' preferences for online health services. *Journal of Consumer Marketing*, 37(2), 215-225, IF: 1.87 (ESCI), ISSN: 0736-3761, Publisher: Emerald Publishing Limited.
- Hoque, M. R. (2020). The impact of the ICT4D project on sustainable rural development using a capability approach: Evidence from Bangladesh. *Technology in Society*, *61,* IF: 2.414 (SCIE), ISSN: 0160-791X, Publisher: Elsevier.
- Alam, M. Z., Hu, W., Kaium, A., Hoque, R., & Alam, M. M. D. (2020). Understanding the determinants of mHealth apps adoption in Bangladesh: A SEM-Neural network approach. *Technology in Society*, *61,* IF: 2.414 (SCIE), ISSN: 0160-791X, Publisher: Elsevier.
- Kaium, M. A., Bao, Y., Alam, M. Z., & Hoque, M. R. (2020). Understanding continuance usage intention of mHealth in a developing country. *International Journal of Pharmaceutical and Healthcare Marketing*, 14(2), 251-272**,** ISSN: 1750-6123, Publisher: Emerald Publishing Limited.
- Alam, M. Z., Hoque, M. R., Hu, W., & Barua, Z. (2020). Factors influencing the adoption of mHealth services in a developing country: A patient-centric study. *International Journal of Information Management*, *50*, 128-143, IF: 5.063 (SSCI), ISSN: 0268-4012, Publisher: Elsevier.
- Hasan, N., Miah, S. J., Bao, Y., & Hoque, M. R. (2019). Factors affecting post-implementation success of enterprise resource planning systems: a perspective of business process performance. *Enterprise Information Systems*, 13(9), 1217-1244. IF: 2.122 (SCIE), ISSN: 1751-7575, Publisher: Taylor and Francis.
- Alharbi, I., Alyoubi, B., Hoque, M. R., & Almazmomi, N. (2019). Big Data Based m-Health Application to Prevent Health Hazards: A Design Science Framework. *Telemedicine and e-Health*. *25*(4), 326-331, IF: 1.996 (SCI), ISSN: 1530-5627, Publisher: Mary Ann Liebert, Inc.
- Tang, S., Ghose, B., Hoque, M. R., Hao, G., & Yaya, S. (2019). Women Using Mobile Phones for Health Communication Are More Likely to Use Prenatal and Postnatal Services in Bangladesh: Cross-Sectional Study. *JMIR mHealth and uHealth*, *7*(2), e10645, IF: 4.301 (SCIE), ISSN 2291-5222, Publisher: JMIR.
- AlBar, A. M., & Hoque, M. R. (2019). Factors affecting cloud ERP adoption in Saudi Arabia: An empirical study. *Information Development,* 35(1), 150-164. IF: 1.265 (SSCI), ISSN: 0266-6669, Publisher: Sage Publications.
- AlBar, A. M., & Hoque, M. R. (2019). Patient acceptance of e-health services in Saudi Arabia: An integrative perspective. *Telemedicine and e-Health,* 25(9), 847-852. IF: 1.996 (SCI), ISSN: 1530-5627, Publisher: Mary Ann Liebert, Inc.
- Alam, M. Z., Hu, W., Hoque, M. R., & Kaium, M. A. (2019). Adoption intention and usage behavior of mHealth services in Bangladesh and China. *International Journal of Pharmaceutical and Healthcare Marketing, 14(1), 37-60,* ISSN: 1750-6123, Publisher: Emerald Publishing Limited.
- Albar A. M & Hoque, M. R. (2019). Factors affecting the adoption of information and communication technology in small and medium enterprise: A perspective from rural Saudi Arabia. *Journal of Information Technology for Development,* 25(4), 715-738. IF: 1.493 (SSCI), ISSN: 0268-1102, Publisher: Taylor and Francis.
- Prikshat, V., Biswas, K., Nankervis, A., & Hoque, M. R. (2018). Bangladesh HR professionals' competencies: Impact on firm performance and moderating effects of organisation life cycle. In *Evidence-based HRM: a Global Forum for Empirical Scholarship*, 6(2), 203-220, ISSN: 2049-3983 (ESCI), Publisher: Emerald Publishing Limited.

- Quaosar, G. A. A., Hoque, M. R., & Bao, Y. (2018). Investigating Factors Affecting Elderly's Intention to Use m-Health Services: An Empirical Study. *Telemedicine and e-Health*, *24*(4), 309-314. IF: 1.996 (SCI), ISSN: 1530-5627, Publisher: Mary Ann Liebert, Inc.
- Ali, M. A., Hoque, M. R., & Alam, K. (2018). An empirical investigation of the relationship between e-government development and the digital economy: the case of Asian countries. *Journal of Knowledge Management*. 22(5), 76-100, IF: 4.805 (SSCI), ISSN: 1367-3270, Publisher: Emerald Publishing Limited.
- Otaibi, S., Aljohani, N., Hoque, M. R. & Alotaibi, F. S. (2018). The Satisfaction of Saudi Customers toward Mobile Banking in Saudi Arabia and the United Kingdom. *Journal of Global Information Management,* 26 (1), 85-103. IF: 1.222 (SSCI), ISSN: 1062-7375, Publisher: IGI Global.
- Hoque, M. R. and Boateng, R. (2017). Adoption of B2B e-Commerce in Developing Countries: Evidence from Ready Made Garment (RMG) Industry in Bangladesh, *Pacific Asia Journal of the Association for Information Systems*, 9(1), 55-74. ISSN: 1943-7536, Publisher: Association for Information Systems (AIS).
- Ashraf, M., Helena, G. Hoque, R. & Alam, K. (2017). An extended conceptual framework to understand information and communication technology enabled socio-economic development at community level in Bangladesh, *Information Technology & People,* 30(4), 736-752. IF: 1.263 (SSCI), ISSN: 0959-3845, Publisher: Emerald Group Publishing Limited.
- Hoque, M. R., & Sorwar, G. (2017). Understanding Factors Influencing mHealth Adoption by Elderly: Applying the UTAUT Model. *International journal of Medical informatics*, 101, 75-84. IF: 2.731 (SCI), ISSN: 1386-5056 Publisher: Elsevier.
- Bishwajit, G., Hoque, M. R., & Yaya, S. (2017). Disparities in the use of mobile phone for seeking childbirth services among women in the urban areas: Bangladesh Urban Health Survey. *BMC medical informatics and decision making*, 17(1), 182. IF: 2.067 (SCIE), ISSN: 1472-6947, Publisher: BioMed Central.
- Bao, Y., Hoque, M. R. & Wang, S. (2017). Investigating the Determinants of Chinese Adult Children's Intention to Use Online Health Information for their Aged Parents. *International journal of Medical informatics*, 102, 12-20. IF: 2.731 (SCI), ISSN: 1386-5056, Publisher: Elsevier.
- Hoque, M. R, Bao, Y & Sorwar, G. (2017). Investigating Factors Influencing the Adoption of e-Health in Developing Countries: A Patient's Perspective. *Informatics for Health and Social Care*, 42(1), 1-17, IF: 1.381 (SSCI), ISSN: 1753-8157, Publisher: Taylor and Francis.
- Hoque, M. R. (2016). An Empirical Study of mHealth Adoption in a Developing Country: The Moderating Effect of Gender Concern. *BMC Medical Informatics and Decision Making,* 16(1), 1-10. IF: 2.067 (SCIE), ISSN: 1472-6947, Publisher: BioMed Central.
- Hoque, M. R, Saif, A. N. M, Albar A. M, & Bao, Y. (2016). Adoption of information and communication technology for development: A case study of small and medium enterprises in Bangladesh. *Information Development Journal*, *32*(4), 986-1000, IF: 1.265 (SSCI), ISSN: 0266-6669, Publisher: Sage Publications.
- Hoque, M. R., Albar, A., & Alam, J. (2016). Factors Influencing Physicians' Acceptance of e-Health in Developing Country: An Empirical Study. *International Journal of Healthcare Information Systems and Informatics (IJHISI)*, 11(1), 58-70. ISSN: 1555-3396 (ESCI), Publisher: IGI Global.
- Hoque, M. R & Bao, Y. (2015). Cultural Influence on Adoption and Use of e-Health: Evidence in Bangladesh. *Telemedicine and e-Health*, 21(10), 845-852. ISSN: 1530-5627, IF: 1.996 (SCI), Publisher: Mary Ann Liebert, Inc.
- Hoque, M. R., & Sorwar, G. (2015). ICT Based e-Government Services for Rural Development: A Study of Union Information and Service Center (UISC) in Bangladesh. *The Electronic Journal of Information Systems in Developing Countries*, (71), 1-19. ISSN: 1681-4835, Publisher: John Wiley & Sons.

- Hoque, M. R, Ali, M. A. & Mahfuz, M. A. (2015). An Empirical Investigation on the Adoption of E-Commerce in Bangladesh. *Asia Pacific Journal of Information Systems*, 25(1), 1-24. ISSN: 2288-5404, Publisher: the Korea Society of Management Information Systems (KMIS).
- Hoque, R., Ashraf, M., Ali, M. A., & Hasan, R. (2015). Understanding the Usability of Course Management Systems (CMS) in Developing Countries: An Empirical Analysis. *International Journal of Information Communication Technologies and Human Development (IJICTHD)*, 7(3), 27-35. ISSN: 1935-5661, Publisher: IGI Global.
- Arefin M S, Hoque, M. R, & Bao, Y. (2015). The Impact of Business Intelligence on Organization's Effectiveness: An Empirical Study. *Journal of Systems and Information Technology*, 17(3), 263-285. ISSN: 1328-7265, Publisher: Emerald Group Publishing Limited.
- Hoque, M. R, Mazmum F., A, & Bao, Y. (2014). e-Health in Bangladesh: Current Status, Challenges and Future Directions. *International Technology Management Review*, 4(2), 87-96. ISSN: 2213-7149, Publisher: Atlantis Press.

Refereed Conferences Papers

- Rahman, M. S., Chavarria, J. A., Senn, W. D., Lakshmikanth, G. S., Flores, J., Smith, D. & Hoque, M. R. (2021). Toward Understanding the Technology Trust Calculus in Healthcare: A Generation Z and Millennial View. In *Proceedings of the 54th Hawaii International Conference on System Sciences (HICSS),* p. 3514. January 4-9, 2021.
- Hasan, M. R., Kayan, S., Kaliyadan, S. U., & Hoque, M. R. (2020). Mobile health app for university students with mental illness: a digital transformation design approach from Australia. *In Proceedings of the 28th European Conference on Information Systems (ECIS)*, an AIS Conference, June 15-17, 2020.
- Hoque, M. R., Sorwar, G., Alam, M. Z., Khan, W., & Hasan, R. (2020). Designing Social Networking Mobile App for Diabetes Management, In Proceedings of *2020 International Conference on Information Resources Management*, May 28-29, 2020.
- Hoque, M. R. & Rahman S, M. (2020). Predictive Modeling for Chronic Disease: Machine Learning Approach. In *Proceedings of the 2020 the 4th International Conference on Compute and Data Analysis (ICCDA 2020)*, March 9-12, 2020, San Jose. USA.
- Hoque, R., Sorwar, G., Ahmed, A., & Islam, R. (2019). Development of Mobile Based In-Home Patient Monitoring System for the Management of Chronic Disease of Indigenous Communities in a Developing Country. *21st International Conference on Human-Computer Interaction,* HCII 2019. July 26–31, 2019, Orlando, FL, USA.
- Sampa, M. B., Hossain, M. N., Hoque, R., Islam, R., Yokota, F., Nishikitani, M., ... & Ahmed, A. (2019). A Framework of Longitudinal Study to Understand Determinants of Actual Use of the Portable Health Clinic System. *21st International Conference on Human-Computer Interaction,* HCII 2019. July 26–31, 2019, Orlando, FL, USA.
- Rahman, M. S., & Hoque, R. (2018). Factors Affecting the Adoption of Telemedicine in Rural Areas of Bangladesh, *24th Americas Conference on Information Systems (AMCIS).* August 16-18, 2018, New Orleans, USA.
- Miah, S. J., Gammack, J., Hasan, N., & Hoque, R. (2016). Design methodologies for M-health innovations: a content analysis. In *27th Australasian Conference on Information Systems (ACIS).* December 05-07, 2016, Wollongong, Australia.
- Sorwar, G., Rahamn, M. M., Uddin, R., & Hoque, M. R. (2016). Cost and Time Effectiveness Analysis of a Telemedicine Service in Bangladesh. *Studies in health technology and informatics*, *231*, 127, ISBN 978-1-61499-711-5, the 5th International Conference on Global Telehealth, October 31 to November 3, 2016, Auckland, New Zealand.
- Islam, T. M, Hoque, M. R and Sorwar, G. (2016). Understanding customer intention to use e-commerce in Bangladesh: an application of the technology acceptance model (TAM), *19th*

International Conference on Computer and Information Technology (ICCIT), December, 18-20, 2016, Dhaka, Bangladesh.

- Hoque, M.R, Bakshi, A., Alam, S. Ray, P.K, (2015). Development of Social Business B2B Model for e- Business Organization, *The 3ʳᵈ GSBS Academia Conference*, November 3-4, 2015, Berlin, Germany.
- Hoque, M.R, & Sorwar, G. (2015). Factors Influencing mHealth Acceptance among Elderly People in Bangladesh. *The 26th Australasian Conference on Information Systems (ACIS),* ISBN: 978-0-646-95337-3, November 30-December 4, 2015, Adelaide, Australia.
- Albar A. M & Hoque, M. R. (2015). Adoption of Information and Communication Technology (ICT) in Small and Medium Enterprises (SMEs): A Case from Rural Saudi Arabia. *Thirty Sixth International Conference on Information Systems (ICIS),* December 13-16, 2015, Fort Worth, USA.
- Bao, Y. Hoque, M. R. & Wang, S. (2015). Predicting Adult Children's Decisions to Use Online Elderly Health Information for their Aged Parents. *The Hawaii International Conference on System Sciences (HICSS),* January 5-8, 2015, Hawaii, USA.
- Hoque, M. R., & Ashraf, M. M. (2015). An ICT4D Project for Promoting Health Awareness Programmes in Indigenous Community. *In Proceedings of the Seventh International Conference on Information and Communication Technologies and Development,* May 15-18, 2015, Singapore. ACM.
- AlBar, A. M., & Hoque, M. R. (2015). Determinants of Cloud ERP Adoption in Saudi Arabia: an Empirical Study. *2015 International Conference on Cloud Computing (ICCC),* April 26-29, 2015, Riyadh, Saudi Arabia. IEEE.
- Albar A. M, & Hoque, M. R. (2015). Development of Web-based e-Discipline System: A Case Study for the Kingdom of Saudi Arabia. *ICIIM 2015: 2015 3rd International Conference on Innovation and Information Management*, January 17-18, 2015, Kuala Lumpur, Malaysia.
- Hoque, M. R. & Sorwar, G. (2014). E-Governance for Rural Development: A Case Study on Union Information & Service Centre (UISC) of Bangladesh. *The 18th Pacific Asia Conference on Information Systems (PACIS 2014)*, ISBN 978-988-8353-22-4, June 24-28. 2014, Chengdu, China.
- Jahangir A., Ashraf, M. M, Hoque, M. R. & Malik, B. T. (2013). Information and Communication Technology (ICT) Enabled Project for Disable Person in Bangladesh: Preliminary Study of Impact/Outcome. *IFIP 8.6: Grand Successes and Failures in IT, IFIP WG 8.6 Conference,* June 27-29, 2013, Bangalore, India.

Work in Progress

- ICT for Whom? Digital Future for the Bottom of the Pyramid (In collaboration with Dr. Israr Qureshi, the Australian National University, Australia; Dr. Taiane Ritta Coelho, Federal University of Paraná, Brazil; Dr. Patrick Kanyi Wamuyu, United States International University, Kenya and Dr. Abhipsa Pal, Indian Institute of Management, India).
- Uncle Sam Catching the COVID-19 (In collaboration with Dr. Bob Travica, University of Manitoba, Canada and Dr. Benjamin Yeo, Seatle University, USA).
- An Investigation of the Influence of Big Data Analytics (BDA) on Marketing Teams' Performance to Gain Competitive Advantages using Structural Equation Modelling (In collaboration with Dr. Tareq Rasul, Dr. Sumesh Nair and Dr. Samaneh Soleimani, Australian Institute of Business, Australia).
- Investigating Factors Influencing the Elderly's Adoption of mHealth in Australia (In collaboration with Dr. Golam Sorwar and Dr. Jun Xu, Southern Cross University, Australia, Dr. Justina Liu, The Hong Kong Polytechnic University, Dr. Mohammed Sajedur Rahman, Emporia State University, USA).

- The Impact of COVID-19 Pandemic on Mental Health of Elderlies and Health Professionals in Australia and Bangladesh (In collaboration with Dr. Golam Sorwar and Prof. Dr. Jonh Hurley, Southern Cross University, Australia).
- Psycho-Social Impact of COVID-19 on Healthcare Professionals: A Phenomenological Study on the Health Professionals (In collaboration with Prof. Dr. Jonh Hurley and Dr. Golam Sorwar, Southern Cross University, Australia).
- Mobile App for Students with Mental Illness: From Development to Evaluation (In collaboration with Dr. M. Rabiul Hasan, The University of Sydney, Australia).
- Predicting Risk Factor of Diabetes: Machine Learning Approach.
- Sustainable Rural Development through Union Digital Center: The Citizen Empowerment Perspective.
- Integration of Robotic Process Automation & Artificial Intelligence in HealthCare.

Training and Certificates

- October 10-13, 2020, "Training Workshop on Data Analytics for Specialists", National University of Singapore and a2i, Dhaka, Bangladesh.
- September 12 and 19, 2020, "Data Visualization with Tableau", National University of Singapore and a2i, Dhaka, Bangladesh.
- February 26-28, 2019, "Introduction to Data Analytics", National University of Singapore and a2i, Dhaka, Bangladesh.
- November 7-9, 2018, "Advanced Training on the Belt and Road Cross-border E-commerce", The United Nations Conference on Trade and Development (UNCTAD) and the China Association of Trade in Services (CATIS), Shanghai, China.
- September 1, 2016-December 31, 2016. "Oracle Database 11g: Introduction to SQL, OCP Program", Oracle University (IBCS-PRIMAX Software Bangladesh Ltd.).
- June 8-19, 2015. "Certificate course on Big Data and Business Analytics", Graduate Summer Program, conducted by Harbin Institute of Technology, China.
- December 18, 2011-Jan 18, 2012, "Certified Internet Webmaster Professional-E-Commerce Designer", New Horizons Computer Learning Center.
- June 28, 2011. "Implementing Human Resource Information Systems", Bangladesh Institute of Management (BIM).
- May 18-June 15, 2010, "e-Commerce Application by OS Commerce and Zen Cart", bdjobs Training.
- December 2-13, 2007. "Certificate course on Research Methodology with the Application of SPSS", Bangladesh Institute of Management (BIM).
- Internet of Things Foundation, Cloud Credential Council (Certificate No: IOTF1805).
- COBIT5 Foundation, PeopleCert, ISACA (Certificate No: GR692004470DH).
- ITIL Foundation Certificate in IT Service Management, PeopleCert, AXELOS (Certificate No: GR750394580DH).

Seminars/Workshop/Invited Speaker

- December 29, 2020, "Digital Transformation in Education", 3rd Global Summit on Education, GEIST International Foundation, Bangladesh in association with Nepal US Alumni Network (NUSAN), ADAMAS University Kolkata and Motherland Higher Secondary School, Nepal.
- December 16-18, 2020, "SAP Introduction to Blockchain", SAP University Alliances Americas Virtual Bootcamps.
- November 24-25, 2020, "SAP Analytics Cloud", SAP University Alliances Americas Virtual Bootcamps.

- March 10, 2020, Session Chair, "System Model and Calculation Method", International Conference on Compute and Data Analysis (ICCDA 2020), San Jose. USA.
- January 6-8, 2020, "Introduction to SAP S4HANA", Sam Houston State University, Huntsville, Texas, USA.
- February 25, 2019, "National Workshop on Data: Precious Resources of 21st Century", National University of Singapore and a2i, Dhaka, Bangladesh.
- February 11-12, 2019, "Big Data for Health", Ministry of Health, Government of Bangladesh, Dhaka, Bangladesh.
- November 6, 2018, "Global Cross-Border E-commerce", The United Nations Conference on Trade and Development (UNCTAD) and the China Association of Trade in Services (CATIS), Shanghai, China.
- April 12-13, 2018, "S4HANA and Machine Learning in Predictive Analytics", Symbiosis International University, Pune, India.
- April 9-11, "Introduction to SAP ERP Using Global Bike Inc. 3.10 on S4HANA", Symbiosis International University, Pune, India.
- May 16, 2016, "Open Government Data for Sustainable Development". United Nations Department of Social and Economic Affairs (UNDESA), Dhaka, Bangladesh.
- May 3, 2016, "Data Analysis Using SmartPLS", School of Management, Huazhong University of Science and Technology, Wuhan, China.
- August 23-25, 2015, "Why Open Government Data (OGD) is Important for Government, Citizens and Private Sectors?" United Nations Department of Social and Economic Affairs (UNDESA), Dhaka, Bangladesh.
- May 15-18, 2016, "National Substantive Training on Open Government Data for Sustainable Development", United Nations Department of Social and Economic Affairs (UNDESA), Dhaka, Bangladesh.
- April 5, 2016, "Workshop on Open Government Data (OGD) Visualization", Access to Information (a2i) Programme, Prime Minister's Office Bangladesh and United Nations Department of Social and Economic Affairs (UNDESA), Dhaka, Bangladesh.
- August 23-25, 2015, "Workshop on Open Government Data Sensitization, Gap Assessment and Strategic Planning", United Nations Department of Social and Economic Affairs (UNDESA), Dhaka, Bangladesh.
- June 25, 2014, "Workshop on Big Data Analytics: Introduction to Methods, Tools and Applications", The 18th Pacific Asia Conference on Information Systems (PACIS, 2014), Chengdu, China.

Editorial Service

- Associate Editor, International Journal of Business and Data Analytics, ISSN: 2515-9100, Inderscience Publishers.

Technical Skills

- MS Office, R, SPSS, SmartPLS, Python, Tableau, AMOS, NVivo.

Industry Experience

- Kichai IT Services Ltd., Bangladesh. (Kichai IT Services Ltd. is a private limited company registered in Bangladesh in the year 2015 in October. It is the members of BASIS, BACCO, and ECAB.)

- ERP2ALL.Com Ltd. UK (ERP2All aims to be-a truly innovative company integrating cutting-edge Technology, Creative Design and Internet Strategy, to deliver market-defining, high-quality products and solutions that create value and sustainable competitive advantage for clients around the world with cost effective enterprise level business solution to achieve business objectives.)
- ADDIE Soft Ltd. (ADDIE Soft Ltd. is a Professional IT company that offers Customized Software Development, Web Application Development, Web Design, Networking, Data Entry & Corporate IT Services in home and abroad.)
- Walton Group (Walton is the latest multinational electrical, electronics, automobiles and other appliances brand with one of the largest well equipped R&D facilities in the world carried out its production through different subsidiaries under the banner of Walton group headquarters in Bangladesh. The subsidiaries include Walton Motors, Walton Mobile, Walton Electronics, and Walton DigiTech Industries Limited.)

Professional Membership

- Member, Fulbright Alumni Association of Bangladesh (FAAB).
- Member, State Alumni Association, USA.
- Member, Centre for Entrepreneurship, the University of Michigan-Shanghai Jiao Tong University Joint Institute.
- Member, Asia eHealth Information Network.
- Member, UNESCO Open Educational Resources Community.
- Secretary, Association for Information Systems (AIS), Bangladesh Chapter.
- Member, Association for Information Systems (AIS), USA.
- Academic Team Member, SAP University Alliance.
- Member, IEEE.
- Member, Association for Information Science and Technology (ASIS&T).
- Member, Internet Society.
- Member, UNCTAD Virtual Institute.
- Academic Advocate, ISACA, Dhaka Chapter, USA.
- Member, Center for Project Management and Information Systems, University of Dhaka.
- Member, ACM SIGMIS.
- PS Committee Member, Association of Bangladesh-China Alumni (ABCA).

Award and Scholarship

- Fulbright Scholarship for Visiting Scholar Program.
- Honorary International Graduate Award, Huazhong University of Science and Technology.
- Chinese Government Scholarship for Doctoral Degree.
- The University of Manchester Equity and Merit Scholarship for MSc Degree.
- Included in the "Dean's Honor list" for BBA result, University of Dhaka.
- Included in the "Dean's Honor list" for MBA result, University of Dhaka.
- Included in the "Dean's Merit list" for BBA result, University of Dhaka.
- Included in the "Dean's Merit list" for MBA result, University of Dhaka.
- Included in 55 Bangladeshi Scholars (Stanford University, USA, Citation: 1467) https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.300091

Referees
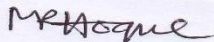
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