# CURRICULUM VITAE

1. **Family name:**      **Rahman**
2. **First name:**        **Hakikur**
3. **Date of birth:**     06-11-1957
4. **Nationality:**       Bangladeshi
5. **Civil status:**      Married
6. **Education:**

| Institution<br>[ Date from - Date to ] | Degree(s) or Diploma(s) obtained: |
|---|---|
| Bangladesh University of Engineering & Technology, 1977-1981 | BSc. Engg. In Electrical and Electronics, First Division |
| American University of Beirut, 1983-1986 | M.E. in Electrical Engineering, A |
| Ansted University, 1999-2001 | Ph.D. in Computer Engineering, 3.77/4 |
| Empresarial University of Costa Rica, 2009-2011 | Ph.D. in Information Communication Technology, 3.75/4 |

7. **Language skills:**  Indicate competence on a scale of 1 to 5 (5 - excellent; 1 - basic)

| Language | Reading | Speaking | Writing | Understanding |
|---|---|---|---|---|
| English | 5 | 5 | 5 | 5 |
| Bangla | 5 | 5 | 5 | 5 |
| Hindi, Urdu, Arabic (Colloquial) | 2 | 3 | 2 | 3 |
| French, Portuguese | 2 | 2 | 1 | 2 |

8. **Membership of professional bodies:** Member – Institute of Engineers Bangladesh; Bangladesh Computer Society; Informing Science Institute, USA; Association for Information Systems, USA, Life Member, Madison Who is Who, USA.
9. **Other skills:**        Academic and management careers over 30 years
10. **Previous position:**   Post Doctoral Researcher, University of Minho, Portugal, since November 2008
11. **Years within the organization:**  60 months (as of November, 2013)
12. **Key qualifications:** Academic, Research, Management, Infrastructure development, capacity development, Editing (edited over 10 books for IGI Global), Authoring (authored over 5 books for ICMS, Bangladesh Open University and VDM Publishers).

13. **Experience in some regions**

| Country | Date from - Date to |
|---|---|
| Bangladesh | 1981- till November 2008 (Several service categories, including academic, management and consultancy at ADB, BSMRAU, BUET, ICMS, IUBAT, UNDP, World Bank, and others) |
| Lebanon | 1983-1986 (Studying as a ME student at AUB) |
| UK | 1999-2001 (a few occasions for research and study at AU) |
| India, Nepal, France, UK | 2001-2008 (several occasions as the Bangladesh Chapter- Secretary and Coordinator of the South Asia Foundation |
| Over 20 countries (including Canada, USA, Australia, Egypt, Singapore, Japan, France, Italy, China, Germany) | Participated in conferences/ workshops/ trainings/ projects |
| Portugal | November 2008- November 2013 (Research and academic job) |
| USA | January 2014 – April 2014 (IT Project management) |
| Bangladesh | September 2015 – June 2016 (Academic) |

14. **Thesis completed**
    - BSc.Engg. thesis on "Design and Implementation of Walkie-Talkie Set (Transceiver) under guidance of Prof. Dr. Mahfuzur Rahman Khan (Head of Computer Engg. & Science Dept. BUET).
    - M.E. thesis on "Design and Implementation of a Token Ring Local Area Network Interface" under guidance of Dr. Nassir H. Sabah (Dean of Engg., AUB).
    - Ph.D. thesis on "Large-Scale Information Dissemination in Congested Bandwidth over Dynamically Distributed Wide Area Networks exposed to Web Database Systems" under guidance of Prof. Dr. Larry V. Wilson (Dean, Dept. of Computer Engg., AU).

(http://www.amazon.com/Large-Scale-Information-Dissemination-utilizing-Distributed/dp/3639276175/ref=sr_1_13?s=books&ie=UTF8&qid=1313312039&sr=1-13)

- Ph.D. thesis on "e-Governance Framework at the Local Government Level: Empowerment of Community People and Improvement of e-Governance at the Grass Roots" (http://www.amazon.com/-Governance-Framework-Local-Government-Level/dp/3639336097/ref=sr_1_12?s=books&ie=UTF8&qid=1313310230&sr=1-12 )

## 15. Major courses in ME (AUB)
- Digital Systems I & II
- Engineering Management and Operations Research
- Electronics Circuits II
- Data Structures
- Computer Projects
- Advanced Topics on Computer Science
- Engineering Analysis
- Advanced Communication Circuits
- Telecommunication Traffic Engineering
- Applied Mathematics
- Special Topics: Thesis

## 16. Major courses in PhD (AU)
- Advanced Computer Architecture
- Computer System Analysis
- Advanced Digital and Data Communications
- Information Theory and Coding
- Data Communication Networks
- Local Area Networks
- Final Project: Thesis

## 17. Specific experience in academic and research disciplines
- Lead ICMS College as the Founder-Principal from October 1989 to November 2008
- Director/Head of Computer Division, Bangladesh Open University from February 1998 to December 1999
- Doctoral Research Fellow at the Bangladesh University of Engineering and Technology (BUET) from February 1986 to September 1986
- Post Doctoral Researcher at the University of Minho from November 2008 to November 2013.

## 18. Teaching experience
- Offered special courses on microprocessor design and applications; evolution of microprocessors and personal computers; computer hardware maintenance and troubleshooting; assembly of computers and classification in their usage; network and security (1989-2008 at ICMS);
- Offered courses and practical sessions on operating systems like, DOS, Unix and Windows including applications software like, MS Word, MS Excel, MS Access and MS Powerpoint (1989-2008 at ICMS);
- Offered courses on programming languages for computers; including assembly language, C+, dbase, Foxbase, Foxpro, BASIC, PASCAL and FORTRAN with availability of computer lab facilities and project design (1989-2008 at ICMS);
- Offered short courses in Computer Science department and supervised MS students during research fellowship at the Bangladesh University of Engineering and Technology (BUET) (February 1986- September 1986);
- Offered course on ICT for Agricultural development and Information networking to the final year students of the Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) as an adjunct faculty (February 2008- August 2008); and
- Offered courses on application of ICTs for human development, e-government and e-learning (1989-2008 at ICMS, and as guest lecturer in different universities and institutions in Bangladesh).
- Offered a 3-credit course on Quantitative Research Design for Information and Systems Technologies for the first year PhD students at the University of Minho, Portugal (November 12, 2008 – November 2013). All courses are being taught in English.
- Offered a 3-credit course on Open Innovation utilizing ICT for fourth year Masters students at the University of Minho. All courses are being taught in English.
- Offered a 3-credit course on Numerical methods for the CSE department of BRAC University at undergraduate level.
- Offered a 3-credit course on Introduction to Computer Science for the CSE department of BRAC University at undergraduate level.
- Offered a 2-credit course on Importance of IT for Social Development for the CSE department of BRAC University at the Masters level.

**19. Experience in software development**
- Developed application software using dBase, Foxbase and Foxpro compiled version in executable format for customized industrial applications; Production control for garments manufacturing industries; LC management for garments industries; Production and human resource management for Spinning mills; Production control, VAT management, and human resources management for Ceramic industries in Bangladesh (1987-1999 in various industries in Dhaka, Mymensingh and Chittagong in Bangladesh)

**20. Current teaching loads**
- Offering an annual 3 credit course to first year PhD students on "Research Design on Information Systems Technologies" for 2009 Batch (February – July 2009); 2010 Batch (February – July 2010); and 2011 Batch (short lectures) at the University of Minho, Portugal
- Offering an annual 3 credit course to fourth year Masters students on "Open Innovation utilizing ICT" for 2013 Batch (February – July 2013) at the University of Minho, Portugal
- Supervising and assisting Masters and PhD students at the University of Minho

**21. Experience in IT Infrastructure development and Network deployment**
- Designed, assisted in the procurement processes and guided the establishment of the largest fiber based wide area network at that time in the Bangladesh Open University during 1998-1999 (http://www.bou.edu.bd/)
- Designed, lead the procurement processes and supervised the establishment of the largest Wi-Fi mesh in the country during 1999-2006 (http://www.sdnbd.org/)
- Assisted in the establishment of the Internet Exchange in August 2004 (www.bdix.net)
- Assisted in hosting of F-Root server at BDIX in 2005
- Designed and developed over a dozens of LAN and WAN in Bangladesh for various clients as their consultant

**22. Projects completed**
- Pilot-1: Establishment of Millennium Development Goal portal in local language (www.mdgbangla.org) (2002-2004)- Team leader of a group of 20+ techies and researchers
- Pilot-2: Establishment of Multi-purpose Village Information Center (MVIC) with six nodes connected by satellite (MCPC/SCPC) and ten sub-nodes connected by radio (IEEE 802.11) carrying out regular tele-medicine and non-formal learning sessions from all stations (www.sdnbd.org) (1999-2006, still running as a full phase program)- Team leader of a group of 50+ techies, academics, researchers and NGO participants
- Pilot-3: Establishment of Bangladesh Internet Exchange (2003-2004, still running as a full phase program) and it is still running as a sustainable organization (www.bdix.net)- Team leader of a group of 100+ techies, academics, ISP entrepreneurs, government staffs and foreign experts. Total fund of all projects was over 2million USD
- e-HL BD- A project on improving telemedicine facilities in Bangladesh under funding from the European Commission (2004-2006).
- Development Gateway- A project on managing digital content on ICT4D under funding from the World Bank (2002-2005).

**23. Current Research areas**
- Open Innovation for SMEs development (www.knowl.org/hakik)- Lead researcher of a group of five and coordinated by Prof. Isabel Ramos, Department of Information System, University of Minho (2008-2013);
- Research design for IST (Information Systems Technology)- Designed and developed the quantitative portion of the course, Quantitative Research Design for IST, under the Dean of the Engineering School, University of Minho and taking the course including providing guidance to PhD research students (2008-2013);
- Knowledge management and HRD- Continuous research with several participants from various countries (1999-current time);
- Data mining applications- Continuous research with several participants from various countries (2000-current time);
- Electronic governance- Continuous research with several participants from various countries (2000-current time);
- Interactive learning- Continuous research with several participants from various countries (1998-current time).

24. **Professional experience:**

| Date from - Date to | Location | Company | Position | Description |
|---|---|---|---|---|
| July 2016- to date | Bangladesh | Institute of Computer Management & Science | Director | Supervise and manage all types of academic, administrative and financial affairs of the institute to assist the Principal. |
| September 2015- June 2016 | Bangladesh | BRAC University | Associate Professor | Conduct graduate and undergraduate courses and carry out research activities, Acting Chair of CSE Department |
| May 2014 – August 2015 | Bangladesh | Institute of Computer Management & Science | Director | Supervise and manage all types of academic, administrative and financial affairs of the institute to assist the Principal. |
| January 2014- April 2014 | USA | Mavrick Software & Telecom Services Inc. | Analyst | Project management functional and business analysis for IT projects |
| November 2008- November 2013 | Portugal | University of Minho | Post-Doctoral Researcher (Assistant Professor) | Post-Doctoral research in the field of Knowledge management (Open Innovation: Reaching out to the Grass Roots through SMEs - Exploring issues of opportunities and challenges to reach economic sustainability); Organizational learning and Open Innovation for SMEs Development; Offered a 3-credit course on Quantitative Research Design for Information Systems and Technologies for the first year PhD students; offered 3-credit course on Open Innovation utilizing ICT for final year Masters students. Language of teaching is English. |
| October 1989- November 2008 | Dhaka, Bangladesh | Institute of Computer Management & Science | Principal | Preparation of all course materials and manuals other than TEB; Preparation of syllabus; Conduct specialized courses, specially from personnel of different govt. and non-govt. organizations; Conduct LAN (Local Area Network), Hardware Troubleshooting, Professional Programmers courses; Maintain liaise with GOB and TEB for student's registration, affiliation fee, budget, syllabus and other affairs; Overall management of the institute |
| February 2008- August 2008 | Gazipur, Bangladesh | Bangabandhu Sheikh Mujibur Rahman Agricultural University (BSMRAU) | Adjunct Faculty | Taken courses on Information networking and ICT for Agricultural development for the final year undergraduate students. |
| January 2007- November 2008 | Dhaka, Bangladesh | SchoolNet Foundation | Chairman | A non-profit entity working for Education For All continuing a component of SDNP (School Programme) in Bangladesh, and currently has the approval to open a K12 education institute at Dhaka to offer education in Science and Commerce under the Bangladesh Education Board. |
| January 2007- December 2007 | Dhaka, Bangladesh | Sustainable Development Networking Foundation (UNDP sponsored) | Executive Director/ Chief Executive Officer | Run the transformed programme of SDNP into a foundation sponsored by the UNDP Bangladesh, drawing upon the experience and the drafted marketing plan as the Chief Executive Officer. |

| Date from - Date to | Location | Company | Position | Description |
|---|---|---|---|---|
| December 1999-December 2006 | Bangladesh | Sustainable Development Networking Programme (UNDP funded project) | National Project Coordinator | With good understanding of the issues related to and being one of the main players involved in promoting sustainable development in Bangladesh and with demonstrated understanding of the use of information technology for computer mediated communications, and managerial skills, writing skills, interpersonal and communication skills along with initiative and drive; was responsible for helping to develop, adapt and implement the program of work and a detailed budget based on the approved project document. Was responsible for managing the ongoing tasks of research and analysis, for making recommendations regarding priorities and the expenditure of funds, and for doing this in consultation with members of the SDNP Steering Committee and other national and international members. Was also responsible for developing marketing and business plan and/or other plans for the ongoing operation of the SDNP with the objective of placing the operation of a self-sustaining basis. As an entrepreneur for the SDNP, had to work closely with the SDNP Steering Committee, the UNDP Resident Representative and his/her staff and consult with the Technical Advisor SDNP in New York; Furthermore, in consultation with the SDNP Steering Committee and partners in SEMP programme, as appropriate, assisted in developing the main programme areas for the SDNP to focus on. This included identifying local and other sources of information and expertise on issues related to sustainable development in Bangladesh, and developing a variety of information products and services to disseminate and communicate this information. A key component was marketing information products and services which do not impinge on its mission to provide access to important sustainable development information. Finally, as the national SDNP Coordinator, developed and implemented a marketing plan and eventually, the business plan for the SDNP. Among many, the Bangladesh Internet Exchange (www.bdix.org); a node at the Bangladesh Agricultural University, Mymensingh; a node at the Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur; one node at the Chittagong University, Chittagong; and one node at the Bangladesh Public Administrators´ Training Centre, Savar are still running successfully and sustainably. |
| **Date from - Date to** | **Location** | **Company** | **Position** | **Description** |
| February 1998-December 1999 | Gazipur, Bangladesh | Bangladesh Open University (ADB funded project) | Director, Computer Division | Provided supervision in the design, establishment, maintenance & necessary technical up-gradation of Computerized network supporting point-to-point communication inside BOU Campus and among 12 regional centers across the country; Offered technical guidance/assistance to the implementing vendor and team of Computer Division for design, procurement, installation, and maintenance of the fiber optics based Local Area Network/Wide Area Network (the then largest fiber based Campus WAN in the country) for proper implementation & operation; Offered necessary logistics & technical support to Computer Division and Software development team for proper implementation of ORACLE based Computerized Student Information Management System (SIMS) and maintain liaison with all Directorates, Schools and Divisions for proper analysis, development, up-gradation, testing & debugging, pre-inspection & final inspection including operation of the entire software under LAN/WAN communicating to all RRCs through network; Provided guidance in the maintenance & up-gradation of e-mail network and NT based servers communicating inside & outside BOU main Campus; Maintained liaison with the Vice-Chancellor, Pro-vice Chancellor, Treasure, Deans, Registrar and other Divisions for necessary decision making processes, procurement phases & implementation phases; Guide in maintaining internal inventory, receive-issue processing of PC & peripherals; Guide the maintenance team of hardware & software from Computer Division in smooth operation of existing PCs, Printers, UPS, AVR, entire network including all sorts of peripheral; Offered technical guidance/assistance to other Computer related activities inside BOU Campus to achieve a successfully operated Computerized Management Systems including providing proposal, guidance, and assistance in development of any advanced technology based system for the improvement of BOU´s computerized activities. |
| May 1996-January 1998 | Tangail, Bangladesh | Jamuna Multipurpose Bridge Authority (A World Bank project) | MIS Expert | Coordinated all MIS activities related to fisheries and environmental concern; Main goal of the project was to counteract environmental effects caused by the impact of Jamuna bridge construction and project components including,<br><br>establishment of baseline fisheries data; preparation of survey and monitoring manual; enumeration of socio-economics of affected fisher-folks; survey of open and closed water bodies; limnological and hydrological studies; proposal for aqua-culture development; alternative employment generation;<br><br>and monitoring of aquatic habitat in closed and open water; changes in ecology, limnology and hydrology; progress in aqua-culture development; employment generation activities; mitigation benefits and socio-economics of Project Affected Persons (PAPs). |

| Date from - Date to | Location | Company | Position | Description |
|---|---|---|---|---|
| November 1988-October 1989 | Dhaka, Bangladesh | Limo Electronics Ltd., Toshiba Country Service Center | Production Manager, Service Manager | Task included maintenance of production control in association with production floor, marketing department and sales department; Labor management of nearly 100 engineers, supervisors, assemblers, etc. at the production floor; Modify circuits, modules in need for production facilities of television and two-in-one stereo sets; Assist the management in L/C management; Report weekly and monthly production data in CKD, SKD and assembled form; Liaise with banks due to lien formalities; Supervise Service Centre as per direction of Toshiba, Japan. |
| April 1987-October 1988 | Dhaka, Bangladesh | Micro Electronics Ltd. | Production Manager | Managed daily, weekly and monthly production program and execute them, including improvement of the design and quality of the production under the guidance of the Technical Director; Develop Quality Control to achieve Zero defect under the guidance of the MD and the TD; Prepare Instruction Manual; Analyze the defects reported from the market and take preventive and corrective measures by modification of design and improving the manufacturing process; Maintain inventory in Store and production department. |
| **Date from - Date to** | **Location** | **Company** | **Position** | **Description** |
| July 1982-February 1983 | Dhaka, Bangladesh | Airport Development Authority (Civil Aviation) | Assistant Engineer | Responsible for the maintenance of emergency power plant, airport air-conditioning system, run-way lighting control; Installation of radar station and VIP terminal; Maintenance of Indoor-outdoor Neon sign display; Management of electrical and mechanical emergency maintenance works |
| January 1982- June 1982 | Bangladesh | Schlumberger S/A | Instrument Engineer | Instrumentation in drilling rigs in Kampta, Tongi; Biani Bazar, Sylhet and Bakhrabad, Comilla; Maintenance of instruments and logistic equipments in camp site; Liaise with USA Headquarters, GOB and other agencies |
| July 1981-December 1981 | Dhaka, Bangladesh | Dhaka Engineering College | Lecturer | Taught all electrical and electronics courses (Theory and Practical) in Electrical Engg. Dept. and Mechanical Engg. Dept. |
|  |  |  |  |  |

25. **Other relevant information** (e.g., publications, conferences attended and fellowships):

**Conference Proceedings/Journal Papers/Articles:**

1    Rahman, H. (2013). Open Innovation in Entrepreneurships: Taxonomies of Innovation in Knowledge-Based Economy, International Journal of E-Entrepreneurship and Innovation (IJEEI), 4(3), 1-15.

2    Porath, A., Ramos, I., Rahman, H. (2013). Government - Academy Different Approaches to Technology Transfer. A Proceeding of the 6th Euromed Conference of the Euromed Academy of Business (Confronting Contemporary Business Challenges through Management Innovation), 23-24 September 2013 Estoril, Lisbon, Portugal.

3    Rahman, H., Acilar, A. & Ramos, I. (2013). Adoption Of Open Innovation Strategies Among SMEs: A Comparative Study In Portugal And Turkey, A Proceedings of the 2013 Breckenridge, Colorado International Academic Conference, Hilton Hotel Breckenridge, August 5-7, 2013, Colorado, USA, pp. 249-258.

4    Rahman, H. & Ramos, I. (2013a). Implementation of E-Commerce at the Grass Roots: Issues of Challenges in Terms of Human-Computer Interactions, *International Journal of Information Communication Technologies and Human Development (IJICTHD), 5*(2), 1-19.

5    Porath, A., Rahman, H. & Ramos, I. (2013). Collaborative Research (CR): To Reduce Transaction Cost in Open Innovation, *International Journal of Information Communication Technologies and Human Development (IJICTHD), 5*(2), 47-58.

6    Rahman, H. & Ramos, I. (2013b). Challenges in Adopting Open Innovation Strategies in SMEs: An Exploratory Study in Portugal*, In Proceedings of the Issues in Informing Science and Information Technology Education Conference*, Porto, Portugal, July 4-7, 2013. In E. Cohen & E. Boyd (Eds.), *Proceedings of Proceedings of the Informing Science and Information Technology Education Conference 2013* (pp. 431-448).

7    Rahman, H. (2013). Managing Information for Real-Time Decision Support at Community Level. *International Journal of Information Communication Technologies and Human Development (IJICTHD), 5*(1), 60-76. doi:10.4018/jicthd.2013010104

8    Rahman, H. & Ramos, I. (2012). Open Innovation in Entrepreneurships: Agents of Transformation towards the Knowledge-Based Economy. In *Proceedings of the Issues in Informing Science and Information Technology Education Conference*, Montreal, Canada, June 22-27, 2012

9    Rahman, H. & Ramos, I. (2011a). Is Open Innovation imperative to Small and Medium Enterprises?: A Comparative Study, A paper in AMSIC2011, Detroit, USA, August 4-8, 2011.

10    Rahman, H. & Ramos, I. (2011b). Empowerment of SMEs through Open Innovation Strategies: Life Cycle of Technology Management. *International Journal of Information Communication Technologies and Human Development (IJICTHD)*, Volume 3(3), July-September 2011

11    Rahman, H. (2010a). E-governance at the Grass Roots: SAARC Context. In *Proceedings of the 4th international Conference on theory and Practice of Electronic Governance* (Beijing, China, October 25-28, 2010). ICEGOV2010, Jim Davies and Tomasz Janowski (Eds.). ACM, New York, NY, USA, 21-30. DOI=10.1145/1930321.1930327

12    Rahman, H. (2010b). Information Retrieval under Constricted Bandwidth Situations. In *Proceedings of the International Conference on Computer Applications and Information Technology*, September 03, 2010, Coimbatore, Tamilnadu, India, 147-154

13    Rahman, H. & Ramos, I. (2010). Open Innovation in SMEs: From closed boundaries to networked paradigm. In *Proceedings of the Issues in Informing Science and Information Technology Education Conference*, Cassino, Italy June 19-24, 2010, 471-487

14    Rahman, H. (2009a). Framework of e-Governance at the Local Government Level. In *Proceedings of the 3rd international Conference on theory and Practice of Electronic Governance* (Bogota, Columbia, November 10-13, 2009). ICEGOV '09, vol. 322. ACM, New York, NY, 372-374.

15    Rahman, H. (2009b). Collaborative Learning: An Effective Tool to Empower Communities, *International Journal of Information Communication Technologies and Human Development (IJICTHD)*, Volume 1(2), January - March 2009, pp. 1-27

16    Rahman, H. (2009c) Local E-Government Management: A Wider Window of E-Governance, *International Journal of Information Communication Technologies and Human Development (IJICTHD)*, Volume 1(2), January - March 2009, pp. 48-76

17    Rahman, H. (2007). E-government readiness: from the design table to the grass roots. In *Proceedings of the 1st international Conference on theory and Practice of Electronic Governance* (Macao, China, December 10 - 13, 2007). ICEGOV '07, vol. 232. ACM, New York, NY, 225-232.

18    Rahman, H. (2006). ICT Mediated Learning for Socio-Economic Empowerment, *A proceedings of the 4th Pan-Commonwealth Forum on Open Learning (PCF4)*, Commonwealth Open Learning (COL), Jamaica, October 30-November 3, 2006.

19    Rahman, H. (2004a). Empowering Marginal Communities with Interactive Education Systems, *A proceedings of the 3rd Pan-Commonwealth Forum on Open Learning (PCF3)*, Commonwealth Open Learning (COL), Dunedin, New Zealand, July 4-8, 2004.

20    Rahman, H. (2004b). Role of ICT in Creating e-Government for the Disadvantaged Communities, *7th International Conference on Business Information Systems (BIS2004)*, Poznan, Poland, April 21-23, 2004.

21    Rahman, H. (2004c). Utilizing ICT for Sustainable Development in Developing Countries, *18th European Conference on Modern South Asian Studies Network (SASNET)*, Lund, Sweden, July 6-9, 2004.

22    Rahman, H. (2003). Distributed Learning Sequences for Future Generation, a paper in the Closing Gaps in theDigital Divide, Regional Conference on Digital Divide, February 26-28, 2003,Asian Institute of Technology, Bangkok, Thailand.

23    Rahman, H. (2002a). Community based Disaster Information Management System: perspective Bangladesh, a paper in the Regional Workshop on Best Practices in Disaster Mitigation: Lessons Learned from the Asian Urban Disaster Mitigation Program and other initiatives, September 24-26, 2002, Hotel Padma, Bali, Indonesia.

24    Rahman, H. (2002b). Knowledge Networking for the un reached, a paper at the IT Conference Nepal, January 26-27, 2002, BICC, Kathmandu, Nepal, Website: http://www.itconference.org.np

25    Rahman, H. (2001a). Initializing Internet Rights for the Unreached, a paper at the 1st Asia Internet Rights Conference, November 8-10, 2001, Seoul, Korea, Website: http://www.jinbo.net

26    Rahman, H. (2001b). Adhering to the innovative IT policies in a developing society: perspective Bangladesh, a paper at the 2001 Internet Political Economy Forum (IPEF2001), September 14-15, 2001, National University of Singapore, Singapore, Website: http://www.ipeg.org

27    Rahman, H. (2001c). Utilization of ICT Infrastructure for Collaborative Learning through Community Participation", a paper at the IFUP2001, 4th International Forum on Urban Poverty, October 16-19, 2001, Marrakech, Morocco, Website: http://www.ifup.org

28    Rahman, H. (2001d). Spreading Distance Education through Networked Remote Information Centres, a paper at the ICIMADE2001, International Conference on Intelligent Multimedia and Distance Education, June 1-3, 2001, Fargo, ND, USA, Website: http://www.venus.ece.ndsu.nodak.edu/ece/research/conferences/icimade01

29    Rahman, H. (2001e). Introducing Interactive Multimedia Methods in Computer Application Course of Bangladesh Open University, a paper at the IRMA2001, Information Resources Management Association International Conference, May 20-23, 2001, Toronto, Ontario, Canada, Website: http://www.irma-international.org

30    Rahman, H. (2001f). Information Networking Through Distributed Nodes Sharing Minimum Bandwidth, a paper at ICACT2001 conference, The 3rd International Conference on Advanced Communication Technology, February 6-8, 2001, Muju Resort, South Korea, Website: http://icact.nca.or.kr/2001

31    Rahman, H. (2001g). Network within Network for extension of Distance Education and Human Resource Development, a paper at CATA2001, the ISCA 16th International Conference on Computers and the Applications, March 28-30, 2001, WestCoast Grand Hotel, Seattle, Washington, USA, Website: http://www.isca-hq.org

32    Rahman, H. (2001h). Network Security in a Wide Area Network: A Trade Off Between Expenses and Reliability", a paper in the proceedings of APRICOT2001, the Association of the Computer and Multimedia Industry of Malaysia, February 26-March 2, 2001, Kuala Lumpur, Malaysia, Website: http://www.pikom.org.my

33    Rahman, H. (2001i). Internet in Bangladesh: Millennium Perspective, a paper in the proceedings of the IT Conference: CAN Info Tech 2001, Computer Association of Nepal, January 27-28, 2001, Kathmandu, Nepal, Website: http://www.caninfo.org

34    Rahman, H. (2001j). Replacing Tutors with Interactive Multimedia CD in Bangladesh Open University: A Dream or a Reality.", a paper in the 20th World Conference on Open Learning and Distance Education, April 01-05, 2001, Dusseldorf, Germany, http://www.icde.org/

35    Rahman, H. (2000a). Extending Multimedia Resources to Dhaka Regional Resource Centre of Bangladesh Open University. a paper in the ICDE-ASIAN Regional Conference 2000, November 3-5, 2000, Indira Gandhi National Open University, Delhi, India, http://www.ignou.org

36    Rahman, H. (2000b). A Computer Mediated Teaching and Learning Scheme for Bangladesh Open University, a paper in IRMA2000 (11th International Conference of the Information Resources Management Association, May 21-24, 2000, Anchorage, Alaska, USA.

37    Rahman, H. (2000c). Interactive Multimedia Technology for Distance Education in Bangladesh Open University (BOU)" a paper in ISCA 15th INTERNATIONAL CONFERENCE ON COMPUTERS AND THEIR APPLICATIONS (CATA-2000), March 29-31, 2000, New Orleans, Louisiana, USA, Website: http://www.isca-hq.org/confr.htm

38    Rahman, H. (2000d). Application of Information Technology in Rural Community based Distance Education: Bangladesh Open University Concept, a paper in 7th Annual Conference of Indian Distance Education Association (IDEA), April 27-29, 2000, New Delhi, India, Website: http://www.ignou.org/idea2000

39    Rahman, H. (2000e). Introduction of Interactive Multimedia CD-ROM in Distance Education: perspective:- Bangladesh Open University. a paper in the 1st Conference on Research in Distance & Adult Learning in Asia [CRIDALA], June 21-24, 2000, the Open University of Hong Kong, http://www.ouhk.edu.hk/cridal/cridala/

40    Rahman, H. (2000f). Sustainable Development Information Networking in Bangladesh", a paper in the Electronic Conference on Sustainable Development Information Systems, June 19-28, 2000, CEDARE-Centre for Environment and Development for the Arab Region & Europe, Cairo, Egypt, networking at http://www.cedare.org.eg/events/sdis/papers.htm

41    Rahman, H. (2000g). A Turning Point Towards the Virtuality, the Lone Distance Educator: Compromise or Gain", a paper in the Learning 2000: Reassessing the Virtual University Conference, September 27-30, 2000, Hotel Roanoke Conference Centre, Virginia Tech., USA, http://www.cddc.vt.edu/learning

42    Rahman, H. (2000h). Integration of Adaptive Technologies in Building Information Infrastructure for Rural Based Communities in Coastal Belt of Bangladesh", a paper in the First Conference of the Association of Internet Researchers, September 14-17, 2000, University of Kansas, Lawrence, KS, USA, http://www.cddc.vt.edu/aoir

43    Rahman, H. (2000i). Establishment of Virtual Information Centres at Cyclone Shelters in Bangladesh Coastal Belts", a paper in the First International Conference on Wastewater Treatment and Reuse adapted to Mediterranean Area, October 25-28, 2000, Tunis City, Tunisia, http://www.fortunecity.com/marina/seafarer/1107/program.html

44    Rahman, H. (1999a). Distance Education in Bangladesh: Prospects, Present Status and Future using IT Methods and Techniques to Reach Remote Rural Based Students, A paper at the Professional Development Online Conference, April 21 to April 23, 1999, Honululu, Hawaii, USA, Web page: http://www.hcc.hawaii.edu/~doug/

45    Rahman, H. (1999b). Adoption of IT Methods in Distance Education: Perspective- Bangladesh Open University , A paper at the 19th World Conference on Open Learning and Distance Education, Vienna, June 20-24, 1999, ICDE-International Council for Open and Distance Education, Web page: http://www.icde.org/

46    Rahman, H. & Rahman, S.M. (1999). Interactive Multimedia Technology for Distance Education in Bangladesh Open University , A paper at the ISIMADE'99 International Symposium on Intelligent Multimedia and Distance Education in conjunction with the 11th International Conference on Systems Research, Informatics and Cybernetics, August 2-7, 1999 in Baden-Baden, Germany, Webpage: http://venus.ece.nsdu.nodak.edu/ece/research/conference/isimade/

## Contributed Book Chapters:

1. Rahman, H. (2016a). Research Dimensions of Open Innovation in Small and Medium Enterprises, In Rahman, H. (2016) (Ed.) *Human Development and Interaction in the Age of Ubiquitous Technology*, IGI Global, USA, ISBN 9781522505563, pp. 199-227
2. Rahman, H. (2016b). Open Innovation in Small and Medium Enterprises: Perspectives of Developing and Transitional Economies, In Rahman, H. (2016) (Ed.) *Human Development and Interaction in the Age of Ubiquitous Technology*, IGI Global, USA, ISBN 9781522505563, pp. 251-273
3. Rahman, H. (2016c). Open Innovation: Reaching out to the Grass Roots through SMEs – Exploring Issues of Opportunities and Challenges to Reach Economic Sustainability, In Rahman, H. (2016) (Ed.) *Human Development and Interaction in the Age of Ubiquitous Technology*, IGI Global, USA, ISBN 9781522505563, pp. 274-208
4. Rahman, H. (2013a). Data Mining techniques to Improve Early Warning Systems across the Bay of Bengal: A Bangladesh Perspective, In Rahman, H. & Ramos, I. (2013) (Eds.), Ethical Data Mining Applications for Socio-Economic Development, IGI-Global, pp. 53-87.
5. Rahman, H. (2013b). Data Mining Algorithms for Measuring performance Impact of Social Development Processes: Ethical Implications, In Rahman, H. & Ramos, I. (2013) (Eds.), Ethical Data Mining Applications for Socio-Economic Development, IGI-Global, pp. 148-162.
6. Rahman, H. (2013c). Open Innovation in SMEs: From Closed Peripheries to Networked Paradigm, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 160-174
7. Rahman, H. (2013d). Open Innovation: Opportunities and Challenges for SMEs, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 1521-1534.
8. Rahman, H. (2013e). Stages of e-Government maturity models: Emergence of e-Governance at the grass roots. In: Bwalya, K.J. (Ed.). Technology Development and Platform Enhancements for Successful Global E-Government Design, IGI Global
9. Rahman, H. (2013f). Innovation in Learning and Rise of the Internet: Grassroots Human Development. In: Al-Hakim, L. (Ed.). Quality Innovation: Knowledge, Theory and Practices, IGI Global
10. Rahman, H, and Ramos, I. (2013a). Research and Practices on Open Innovation: Perspectives on SMEs, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 175-197.
11. Rahman, H, and Ramos, I. (2013b). A Research Model for Open Innovation: Synthesizing Opportunities and Challenges Surrounding SME, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 258-280.
12. Rahman, H, and Ramos, I. (2013c).Open Innovation Strategies in SMEs: Development of a Business Model, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 281-293.
13. Rahman, H, and Ramos, I. (2013d).Open Innovation in SMEs of Developing and Transitional Economies, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 944-962.
14. Rahman, H, and Ramos, I. (2013e).Trends of Open Innovation in Developing Nations: Contexts of SMEs, In. Small and Medium Enterprises: Concepts, Methodologies, Tools, and Applications (4 Volumes), Information Resources Management Association (USA), pp. 1805-1820.
15. Rahman, H, and Ramos, I. (2013f). Open Innovation in SMEs: Prospects and Challenges. In: Devos, J., Van Landeghem, H., & Deschoolmeester, D. (Eds.). Information systems and small and medium-sized enterprises (SMEs) : state of art of IS research in SMEs. Springer-Verlag Berlin Heidelberg.
16. Rahman, H. (2012a). Community Practices to Improve E-Governance at the Grass Roots, In Rahman, H. (Ed.). Cases on Progressions and Challenges in ICT Utilization for Citizen-Centric Governance, IGI-Global, pp. 134-179.
17. Rahman, H. (2012b). Capacity Development Initiatives for Grass Roots Communities: Two Cases, In Rahman, H. (Ed.). Cases on Progressions and Challenges in ICT Utilization for Citizen-Centric Governance, IGI-Global, pp. 69-104.
18. Rahman, H. (2011a). E-governance at the grass roots: Observations at the SAARC Perspective, In: *Strategic Enterprise Resource Planning Models for E-Government: Applications and Methodologies,* Editors Susheel Chhabra and Muneesh Kumar, IGI Global, 2011, p. 125-142.
19. Rahman, H. (2011b). Capacity Development Initiatives for Grass Roots Communities: Two Cases. In: Cases on Adoption, Diffusion and Evaluation of Global E-Governance Systems: Impact at the Grass Roots, IGI Global, 2011, ISBN13: 9781616928148, p. 79-106
20. Rahman, H. (2011c). Community Practices to Improve E-Governance at the Grass Roots. In: Cases on Adoption, Diffusion and Evaluation of Global E-Governance Systems: Impact at the Grass Roots, IGI Global, 2011, ISBN13: 9781616928148, p. 1-34
21. Rahman, H. & Ramos, I. (2011a). Open Innovation in SMEs of developing and transitional economies. In: *Strategic and Pragmatic E-Business: Implications for Future Business Practices,* Editor Karim Mohammed Rezaul, IGI Global

22. Rahman, H. & Kumar, S. (2011b). Mobile Computing: An emerging issue in the digitized world. In: Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services, IGI Global

23. Rahman, H. & Ramos, I. (2011c). Trends of Open Innovation in Developing Nations: Contexts of SMEs. In: Cases on SMEs and Open Innovation: Applications and Investigations, IGI Global, pp. 65-80.

24. Rahman, H. & Ramos, I. (2011d). Research and Practices on Open Innovation: Perspectives SMEs. In: *SMEs and Open Innovation: Global Cases and Initiatives*, IGI Global

25. Rahman, H. & Ramos, I. (2011e). Open Innovation Strategies in SMEs: Development of a Business Model. In: *SMEs and Open Innovation: Global Cases and Initiatives*, IGI Global

26. Rahman, H. & Ramos, I. (2011f). A Research Model for Open Innovation: Synthesizing Opportunities and Challenges Surrounding SMEs. In: *SMEs and Open Innovation: Global Cases and Initiatives*, IGI Global

27. Rahman, H. (2010a). Framework of E-governance at the Local Government Level. In C.G. Reddick (Ed.). *Comparative E-Government: Integrated Series In Information Systems*, 2010, Volume 25, Part 1, pp. 23-47, DOI: 10.1007/978-1-4419-6536-3_2, Springer, 2010

28. Rahman, H. (2010b). Open Innovation: Opportunities and Challenges for SMEs. In *E-Business Issues Challenges and Opportunities for SMEs: Driving Competitiveness*, Editors Maria Manuela Cruz-Cunha & João Eduardo Varajão, IGI Global, 2010, ISBN: 978-1-61692-880-3, p. 87-100

29. Rahman, H. (2010c). Open Innovation in SMEs: From closed peripheries to networked paradigm. In *E-Business Issues Challenges and Opportunities for SMEs: Driving Competitiveness*, Editors Maria Manuela Cruz-Cunha & João Eduardo Varajão, IGI Global, 2010, ISBN: 978-1-61692-880-3, p. 373-393

30. Rahman, H. (2009a). Local E-Government Management: A Wider Window of E-Governance. In *Handbook of Research on E-Government Readiness for Information and Service Exchange: Utilizing Progressive Information Communication Technologies,* Publisher: Information Science Publishing, USA, July 2009, ISBN: 978-1-60566-671-6, p. 295-323

31. Rahman, H. (2009b). Collaborative Learning: An Effective Tool to Empower Communities. In *Handbook of Research on E-Government Readiness for Information and Service Exchange: Utilizing Progressive Information Communication Technologies,* Publisher: Information Science Publishing, USA, July 2009, ISBN: 978-1-60566-671-6, p. 209-237; In: Susheel Chhabra and Hakikur Rahman (Eds.) Human Development and Global Advancements through Information Communication Technologies: New Initiatives, IGI Global, 2011, p. 75-103

32. Rahman, H. (2009c). Collaborative Learning: Knowledge beyond the peripheries, In *Adult Learning in the Digital Age: Perspectives on Online Technologies and Outcomes*, edited by Terry Kidd, Idea Group Inc., USA, ISBN13: 9781605668284, 2009: 81-88

33. Rahman, H. (2009d). Electronic Payment Systems in Developing Countries for Improved Governance System. In *Social and Political Implications of Data Mining: Knowledge Management in E-Government*, Publisher: Information Science Publishing, USA, February 2009, ISBN: 978-1605662312, pp. 126-149

34. Rahman, H. (2009e). Knowledge Management Portals for Empowering Citizens and Societies. In *Social and Political Implications of Data Mining: Knowledge Management in E-Government*, Publisher: Information Science Publishing, USA, February 2009, ISBN: 978-1605662312, pp. 42-63

35. Rahman, H. (2008a). Prospects and Scopes of Data Mining Applications in Social Development Activities. In *Data Mining Applications for Empowering Knowledge Societies,* Idea Group Inc., USA, ISBN 978-1-59904-657-0, May 2008, pp. 162-188

36. Rahman, H. (2008b). Applications of Data Mining Algorithms for Measuring Performance Impact of Social Development Activities. In Data Mining Applications for Empowering Knowledge Societies, Idea Group Inc., USA, ISBN 978-1-59904-657-0, May 2008, pp. 136-160

37. Rahman, H. (2008c). Community-Based Information Networking in Developing Countries, In Global Information Technologies: Concepts, Methodologies, Tools and Applications, edited by Felix B. Tan, Idea Group Inc., USA, ISBN 978-1-59904-939-7, 2008, pp. 72-80

38. Rahman, H. (2008d). Interactive Multimedia technologies for Distance Education Systems, In Online and Distance learning: Concepts, Methodology, Tools and Applications, edited by Tomei, L., IGI Global, 2008: 1157-1164

39. Rahman, H. (2007a). An Overview on Strategic ICT Implementations Toward Developing Knowledge Societies. In Developing Successful ICT Strategies: Competitive Advantages in a Global Knowledge-Driven Society, Idea Group Inc., USA, ISBN 978-1-59904-654-9, August 2007, pp.

40. Rahman, H. (2007b). Information Dynamics in developing Countries, In Managing Information Communication Technology Investments in Successful Enterprises, edited by Lubbe, S., Idea Group Publishing, 2007, pp. 79-93

41. Rahman, H. (2006a). Role of ICTs in Socioeconomic Development and Poverty Reduction. In Information and Communication Technologies for Economic and Regional Developments, Idea Group Inc., USA, ISBN 1-59904-186-3, December 2006, pp. 180-219

42. Rahman, H. (2006b). ICT-Based Learning: A Basic Ingredient for Socio-Economic Empowerment. In Information and Communication Technologies for Economic and Regional Developments, Idea Group Inc., USA, ISBN 1-59904-186-3, December 2006, pp. 39-54

43. Rahman, H. (2006c). Role of ICT in establishing e-Government system for disadvantaged communities, In Encyclopedia of Digital Government, edited by Anttiroiko, A-V & Malkia, M., Idea Group Inc., USA, ISBN 1-59140-789-3, July 2006, pp.

44. Rahman, H. (2006d). Community-Based Information Networking in Developing Countries, In Encyclopedia of Digital Government, edited by Anttiroiko, A-V & Malkia, M., Idea Group Inc., USA, ISBN 1-59140-789-3, July 2006, pp. 201-207.

45. Rahman, H. (2006e). Empowering of Marginal Communities Through Information-Driven Learning. In Empowering Marginal Communities with Information Networking, Idea Group Inc., USA, ISBN 1-59140-699-4, 2006, pp. 16-42

46. Rahman, H. (2006f). Capacity Development Initiatives for Marginal Communities: A Few Case Studies (Co-authored with M. Aminul Islam, Elena Murelli and Frederick Noronha). In Empowering Marginal Communities with Information Networking, Idea Group Inc., USA, ISBN 1-59140-699-4, 2006, pp. 318-351

47. Rahman, H. (2005a). Social Impact of Virtual Networking, In Encyclopedia of Virtual Communities and Technologies, edited by Dr. Subhasish Dasgupta, Idea Group Inc., USA, ISBN 1-59140-7, July 2005, pp. 417-423.

48. Rahman, H. (2005b). Formation of a Knowledge-Based Society through Utilization of Information Networking, In Encyclopedia of Developing Regional Communities with Information and Communication Technology, edited by Dr. Stewart Marshall, Dr. Wal Taylor and Dr. Xinghuo Yu, Idea Group Inc., USA, ISBN 1-59140-575-0, April 2005, pp. 310-315.

49. Rahman, H. (2005c). Synthesis with Data Warehouse Applications and Utilities, In Encyclopedia of Data Warehousing and Mining, edited by Dr. John Wang, Idea Group Inc., USA, ISBN 1-59140-557-2, April 2005, pp. 1092-1097.

50. Rahman, H. (2005d). Interactive Multimedia Technologies for Distance Education in Developing Countries, In Encyclopedia of Multimedia Technology and Networking, edited by Dr. Margherita Pagani, Idea Group Inc., USA, ISBN 1-59140-561-0, April 2005, pp. 447-453.

51. Rahman, H. (2005e). Interactive Multimedia Technologies for Distance Education Systems, In Encyclopedia of Multimedia Technology and Networking, edited by Dr. Margherita Pagani, Idea Group Inc., USA, ISBN 1-59140-561-0, April 2005, pp. 454-460.

52. Rahman, H. (2005f). Virtual Networking as an essence of the Future Learners, In Encyclopedia of Distance Learning, edited by Dr. Caroline Howard, Dr. Judith Boettcher, Dr. Lorraine Justice, Dr. Karen Schenk, Dr. Gary Berg and Dr. Patricia Rogers, Idea Group Inc., USA, ISBN 1-59140-555-6, April 2005, pp. 1972-1976.

53. Rahman, H. (2005g). Distributed Learning Sequences for the Future Generation, In Encyclopedia of Distance Learning, edited by Dr. Caroline Howard, Dr. Judith Boettcher, Dr. Lorraine Justice, Dr. Karen Schenk, Dr. Gary Berg and Dr. Patricia Rogers, Idea Group Inc., USA, ISBN 1-59140-555-6, April 2005, pp. 669-673.

54. Rahman, H. (2003). Information retrieval under constricted bandwidth, In: Abramowicz, W. (Ed.) Knowledge-Based Information retrieval and Filtering from the Web, Kluwer Academic Publishers, Boston, ISBN 1-4020-7523-5, September 2003, pp.153-164.

**Edited Books:**

1    Rahman, H. (2016). *Human Development and Interaction in the Age of Ubiquitous Technology*, IGI Global, USA, ISBN 9781522505563

2    Rahman, H. & Dinis, R. (Eds.) (2014). *Information Systems and technology for Organizational Agility, Intelligence, and Resilience*, co-edited with Dr. Rui Dinis, IGI Global, USA

3    Rahman, H. & Ramos, I. (Eds.) (2013). *Ethical Data Mining Applications for Socio-Economic Development*, co-edited with Dr. Isabel Ramos, IGI Global, USA, May 2013, ISBN13: 9781466640788.

4    Rahman et. al., (Eds.) (2012). *Knowledge and Technologies in Innovative Information Systems: 7th Mediterranean Conference on Information Systems, MCIS 2012*, Guimaraes, Portugal, September 8-10, 2012, Proceedings, LNBIP129, Springer, co-edited with Dr. Anabela Mesquita and Dr. Isabel Ramos

5    Rahman, H. (2012). *Cases on Progressions and Challenges in ICT Utilization for Citizen-Centric Governance*, IGI Global Reference book, , IGI Global, USA, September, 2012. ISBN13: 9781466620711.

6    Kumar, A.V.S. & Rahman, H. (Eds.) (2011). *Mobile Computing Techniques in Emerging Markets: Systems, Applications and Services,* co-edited with Dr. A.V. Senthil Kumar, IGI Global, USA, November 2011**,** ISBN13: 9781466600805.

7    Chhabra, S. & Rahman, H. (Eds.). (2011). *Human Development and Global Advancements Through Information Communication Technologies: New Initiatives, co-edited with Dr.Shusheel Chhabra,* 2011, IGI Global, USA.

8    Rahman, H. & Ramos, I. (Eds.) (2011a).*Cases on SMEs and Open Innovation: Applications and Investigations, co-edited with Dr. Isabel Ramos,* IGI Global, USA, November 2011**,** ISBN13: 9781613503140.

9    Rahman, H. & Ramos, I. (Eds.) (2011b). *SMEs and Open Innovation: Global Cases and Initiatives, co-edited with Dr. Isabel Ramos,* IGI Global, USA, December 2011**,** ISBN13: 9781613505199.

10    Rahman, H. (Ed.) (2010). *Cases on Adoption, Diffusion and Evaluation of Global E-Governance Systems: Impact at the Grass Roots,* Publisher: Information Science Publishing, USA, July 2010, ISBN: 978-1-6169281, 350pp.

11    Rahman, H. (Ed.) (2009). *Handbook of Research on E-Government Readiness for Information and Service Exchange: Utilizing Progressive Information Communication Technologies,* Publisher: Information Science Publishing, USA, July 2009, ISBN: 978-1-60566-671-6, 561pp.

12    Rahman, H. (Ed.) (2009). *Social and Political Implications of Data Mining: Knowledge Management in E-Government*, Publisher: Information Science Publishing, USA, February 2009, ISBN: 978-1605662312, 378pp.

13    Rahman, H. (Ed.) (2008). *Data Mining Applications for Empowering Knowledge Societies,* Idea Group Inc., USA, ISBN 978-1-59904-657-0, May 2008, 300pp.

14    Rahman, H. (Ed.) (2008). *Selected Readings on Global Information Technology: Contemporary Applications*, Publisher: Information Science Reference, USA, August 2008, ISBN: 978-1605661162, 516pp.

15    Rahman, H. (Ed.) (2007). *Developing Successful ICT Strategies: Competitive Advantages in a Global Knowledge-Driven Society,* Idea Group Inc., USA, ISBN 978-1-59904-654-9, August 2007, 97pp.

16    Rahman, H. (Ed.) (2006). *Information and Communication Technologies for Economic and Regional Developments*, Idea Group Inc., USA, ISBN 1-59904-186-3, December 2006, 300pp.
17    Rahman, H. (Ed.) (2005). *Empowering Marginal Communities with Information Networking*, Idea Group Inc., USA, ISBN 1-59140-699-3, November 2005, 363pp.

**Authored Books:**

1    Harekrishna, M. & Rahman, H. (2013). Managing Enterprise Information Technology Acquisitions: Assessing Organizational Preparedness, co-authored with Dr. Harekrishna Misra*,* IGI Global, USA, June 2013, ISBN13: 9781466642010.
2    Rahman, H. (2011). e-Governance Framework at the Local Government Level: Empowerment of Community People and Improvement of e-Governance at the Grass Roots, VDM Publishing House Ltd., 2011
3    Rahman, H. (2010). Large-Scale Information Dissemination in Congested Bandwidth over Dynamically Distributed Wide Area Networks exposed to Web Database Systems, VDM Publishing House Ltd., 2010
4    Rahman, H. (2006). Design and Implementation of a Token Ring Local Area Network Interface, ME Thesis, American University of Beirut, 368 pp. Available at http://books.google.com/books?id=wMxFMwEACAAJ
5    Rahman, H. & Rahman, A. (1998). Pond Book, Prepared for the Jamuna Multipurpose Bridge Authority, Directorate of Fisheries, Ministry of Fisheries and Livestock, 1998. 100pp.
6    Rahman et. al., (1998). Introduction to Computer and its use, Bangladesh Open University, ISBN 984-34-5026-4, 1998. (Bangla). 156pp.
7    Rahman, H. (1993). Computer Jagat publications-6: Troubleshooting Assistant, Computer Jagat, 1993. (Bangla). 38pp.
8    Rahman, H. (1993). Introduction to Personal Computer series-2: Wordperfect, ICMS, 1993. (Bangla). 126pp.
9    Rahman, H. (1992). Introduction to Personal Computer series-1: Wordstar, ICMS, 1992.  (Bangla). 90pp.

(plus seven instructional books in English on Introduction to Personal Computer series on dBASE, dBASE Programing, foxBASE, foxBASE Programing, C++, BASIC, and FORTRAN for ICMS during 1989 to 1996)

**Conference/ Training/ Workshop participations: (sorted)**

1.   2013 - InSITE Conference (Porto, Portugal, July 04-07, 2013); paper presentation- Rahman, H. & Ramos, I. (2013b). Challenges in Adopting Open Innovation Strategies in SMEs: An Exploratory Study in Portugal.
2.   2012 - InSITE Conference (Montreal, Canada, August 5-7, 2012); paper presentation- Rahman, H. & Ramos, I. (2012). Open Innovation in Entrepreneurships: Agents of Transformation towards the Knowledge-Based Economy.
3.   2011 - WTP-SFH Declaration Ceremony (Xiamen, China, September 24-26, 2011); conference attendance and panel discussion
4.   2011 - AMCIS Conference (Detroit, USA, August 4-8, 2011); paper presentation- Rahman, H. & Ramos, I. (2011). Is Open Innovation imperative to Small and Medium Enterprises?: A Comparative Study.
5.   2010 - InSITE Conference (Cassino, Italy, June 18-24, 2010); paper presentation- Rahman, H. & Ramos, I. (2010). Open Innovation in SMEs: From closed boundaries to networked paradigm.
6.   2009 - *3rd international Conference on theory and Practice of Electronic Governance* (Bogota, Columbia, November 10-13, 2009); paper presentation- Rahman, H. (2009). Framework of e-Governance at the Local Government Level.
7.   2007 - 1st international Conference on theory and Practice of Electronic Governance (Macao, China, December 10 - 13, 2007); paper presentation- Rahman, H. (2007). E-government readiness: from the design table to the grass roots.
8.   2007 - Internet Governance Forum (IGF) Rio De Janeiro; conference attendance and panel discussion
9.   2006 - 4th Pan-Commonwealth Forum on Open Learning (PCF4), Commonwealth Open Learning (COL), Jamaica,  October 30-November 3; paper presentation- Rahman, H. (2006). ICT Mediated Learning for Socio-Economic Empowerment.
10.  2006 - Asia Pacific Advanced Network (APAN) Japan meeting- conference attendance and panel discussion
11.  2005 - Asia Pacific Advanced Network (APAN) Thailand meeting- conference attendance and panel discussion
12.  2004 - (July 02-07): Conference attendance and panel discussion- 18th meeting of Asia Pacific Advanced Network (APAN), Cairns, Australia
13.  2004 - (May 31- June 01): Conference attendance and Paper presentation- e-Health in Developing Countries, Cattolica University, Rome, Italy
14.  2004 - (January 14-16): Workshop - Application of Information and Communication Technology for Sustainable Development, organized by the United Nations, Bangalore, India;
15.  2003 - (December 17-18): Workshop and paper presentation - Networking Technologies, Communications Research Laboratory (CRL) Asia and meeting of the South Asia Networking Group, APAN, Bangkok, Thailand
16.  2003 - (December 15-16): Workshop on Asian Digital Capacity Building, AIT Conference Centre, AIT, Bangkok, Thailand
17.  2003 - (September 03-05): Award received from Ansted University Malaysia Campus
18.  2003 - (July 20-27): Workshop and meeting - Networking South Asia 2003 (NetSA 2003), Internet Systems Engineering Workshop at University of Moratawa, and meetings with South Asia Networking Group (SANOG), Colombo, Sri Lanka
19.  2003 - (April 21- May 05): Workshop on Informatization of Community, World Bank Development gateway Foundation and Korea Training Centre at Korea Information Society Development Institute (KISDI), Seoul, S. Korea
20.  2003 - (January 22-23): Training - APNIC Annual Training on APNIC Effective IP Address Management: Asia Pacific Policies and Procedures, Dhaka, Bangladesh (assist in organizing the event and participated);
21.  2003 - (January 21,24-25): Training on ccTLD, BGP, Domain Name Server, Dhaka, Bangladesh;
22.  2002 - (November 22-24): Conference attendance and Paper presentation- First South Asia Foundation (SAF)-UNESCO Regional Conference for the SAARC Countries, Youth in the Contemporary Information Society- Needs, Role and Policies;
23.  2002 - (October 27-31): Conference attendance and panel discussion- ICANN Sanghai Meeting, Sanghai, PR China

24. 2002 - (September 29 - October 05): Conference attendance - Sustainability, Education and Management of Change in the Tropics, Session IV, Maejo University, jointly organized by NORAD, W.K. Kellogg Foundation and Salzburg Seminar, Chiang Mai, Thailand
25. 2002 - (March 03-15): Training on ATG Dynamo and XML programming, London, UK
26. 2001 - (November 12-15): Conference attendance and panel discussion- ICANN Community and Board Meeting, MdR, California, USA
27. 2001 - (November 08-10): Conference attendance and Paper presentation- First Asia Internet Right conference, Seoul, S. Korea
28. 2001 - (October 16-19): Workshop and Paper presentation- Fourth meet on International Forum on Urban Poverty, Marrakech, Morocco;
29. 2001 - (September 14-15): Conference attendance and Paper presentation- Internet Policy Economic Forum, National University of Singapore, Singapore
30. 2001 - (May 14-21): Workshop - Innovative Marketing Communications (IMC-2): Promoting ans selling Training in a Competitive Global Market, by World Bank Institute and American University of Cairo, Cairo, Egypt
31. 2001 - (February 07-10): Conference attendance and panel discussion- NASSCOM, Mumbai, India
32. 2001 - (January 27-28): Conference attendance and paper presentation- Info-Tech 2001, Kathmundu, Nepal
33. 2000 - (November 13-16): ICANN Annual Meeting, MdR, California, USA.
34. 2000 - (July 13-17): Conference attendance and panel discussion- ICANN Yokohama Meeting, Yokohama, Japan
35. 2000 - (July 9-25): Workshop - Networking Training Workshop on Backbone Internet technology Track, Keiyo University, Japan, and participation in the Internet Society Seminar (INET2000) in Tokyo, Japan
36. 2000 - (April 27-29): Paper Presentation - VII Indian Distance Education Association (IDEA) Annual Conference, New Delhi
37. 1999 - (December 26- January 02): Training - GIS Hardware and Maintenance, jointly organized by CIPROCO Computers Ltd. and Bangladesh Open University, Gazipur, Bangladesh
38. 1999 - (December 22- 25): Training - Orientation training course on GIS (PC Arc/Info, Arc View and Erdas Imagine), jointly organized by CIPROCO Computers Ltd. and Bangladesh Open University, Gazipur, Bangladesh
39. 1998 - (July 03-31): Training - Interactive Distance Education Technologies, University of Waterloo, Ontario, Canada


**Other activities in academic, publication and research:**

**Chief Editor:**

- International Journal of Information Communication Technology for Human Development (IJICTHD) (http://www.igi-global.com/journal/international-journal-information-communication-technologies/1101),
- Advances in Social Networking and Online Communities (ASNOC) Book Series (http://www.igi-global.com/publish/call-for-papers/call-details/867), and
- Advances in Knowledge Communities and Social Networks (AKCSN) Book Series from 2008-2012 (http://www.igi-global.com/book-series/advances-knowledge-communities-social-networks/37168).

**Special Issue Editor:**

- Volume-5 Issue-1 of IJICTHD 2013-Special Issue on Information Communication Technologies for Open Business- Part2 (Co-guest editor, Dr. Isabel Ramos)
- Volume-3 Issue-3 of IJICTHD 2011- Special Issue on Open Innovation Strategies for SMEs Development: Utilization of ICT methods (Co-guest editor, Dr. Isabel Ramos)
- Volume-1 Issue-2 of IJICTHD 2009- Special Issue on enhancing the human capacities through collaborative learning

**Conference Organizer:**

- Organized more than twenty national and international conferences during the tenure of the SDNP-UNDP (1999-2007) as the national project coordinator. Among them, APNIC, APAN, e-Health (EU project), and development gateway (WB project) are notable.

**Others:**

- Editor, Monthly Computer Bichitra, Bangladesh since 1990;
- Head Examiner (Computer), Bangladesh Technical Education Board (1996-2008);
- Member of the International Editorial Advisory Board (EAB) of the *Advances in Electronic Government Research (AEGR)* Book Series (2005-2012);
- Member of the International Review Board Member of *International Journal of Doctoral Studies (IJDS)* (2006-2009);
- Reviewer for the Editorial Reviewer Board of the *International Journal of E-Government Research (IJEGR)*;
- Special Issue Editor for the *Journal of Electronic Commerce and Organizations ( JECO)*;
- Ad Hoc reviewer for the Editorial Review Board of the *Information Resources Management Journal* (IRMJ) (2006-2010);
- Reviewer of *Journal of Environment and Development (JED)*;
- Reviewer of EEET (2008-2009), EISTA (2005-2013), CITSA (2005-2013), InSITE (2009-2013), IADIS (2004-2013);
- Director of the Informing Science Institute (2004-2006); and
- Programme Committee member of several international conferences (18th APAN Meetings/QUESTnet 2004 in Cairns, Australia; 19th APAN Meetings in Bangkok, Thailand- 2005; International Association for Development of the Information

Society (IDAIS)- 2004-2013; Informing Science Institute (InSITE)- 2005-2013; International Conference on Computer Applications and Information Technology- 2010; International Business Information Management Association (IBIMA)- 2010) and other events.

- Member, IEB Bangladesh; Member, AMCIS USA; Member, Informing Science Institute USA; Life Member, Madison Who´s Who.

## Fellowship and awards (sorted):

USAID Scholarship holder for ME, AUB 1983-1986; UNHCR Scholarship holder for PhD, AU 1999-2001; Salzburg Seminar fellow to attend ICANN meetings in 2000, 2001 and 2002; APRICOT Fellow in 2001; SANOG Fellow in 2002; Commonwealth of Learning Fellow to attend PCF conferences in 2004 and 2006; ISOC Ambassador for IGF2007; ICEGOV Conference fellow for 2007, 2009 and 2010; Diplo Foundation fellow 2010; European Summer School on Internet Governance (Euro-SSIG) fellow 2010; Awarded Man of the Year 2013, Leading Scientists of the World 2013, Leading Educators of the World 2013, Top 100 Scientist 2013, Top 100 Educators 2013, International Educator of the year 2013 and 2000 Outstanding Intellectuals of the 21st Century-2013 by the International Biographical Centre, Cambridge, UK., The 2017 Albert Nelson Marquis Lifetime Achievement Award.