

Daffodil International University (DIU)
102 Shukrabad, Mirpur Road, Dhanmondi, Dhaka-1207

Application Form for Teaching Positions



Documents to be submitted with the form:

1. Two copies of passport size recent photographs.
2. Attested copies of all academic certificates and transcripts.
3. Attested copies of other relevant certificates (if any).
4. Experience certificate (if any).
5. List of publications.

Position applied for : Adjunct Faculty/ Part time faculty

Department : **Public Health.**

Major (if any) : **Statistics.**

Current position (if applicable): Professor of Applied Statistics, University of Dhaka

1. Personal Information:

SL.	Particulars	Detailed Information
1.	Name	Md. Amir Hossain
2.	Father's name	Md. Sakayet Hossain
3.	Mother's name	Ms Setara Begum
4.	Date of birth	November 15, 1966
5.	Age	60 Years
6.	Gender	Male
7.	Mailing address	Professor Institute of Statistical research and Training (ISRT) University of Dhaka, Dhaka 1000. Bangladesh
8.	Contact number (s)	01731267718
9.	E-mail address	amir@isrt.ac.bd
10.	Permanent address	Vill: North Lakshmipur, Post: Dalal Bazar Upazilla+District: Lakshmipur
11.	Nationality	Bangladeshi
12.	National ID number	
13.	Religion	Islam
14.	Marital status	Married
15.	Present salary	Basic salary 76, 490.00 (Last step of grade 2)
16.	Expected salary	
17.	Bank Draft/ Pay Order No.	

2. Educational Qualifications:

Certificate/ Degree	Board/University	Group/ Subject	Division/Class/ CGPA	Passing year
Ph. D.	Jadavpur University	Science	Awarded	2008
M. Sc	University of Dhaka	Statistics	1 st class	1987
B. Sc. (Hons)	University of Dhaka	Statistics	1 st class	1986
H. S. C.	Dhaka Board	Science	1 st Division	1983
S. S> C.	Comilla Board	Science	1 st Division	1981

3. Academic Achievements (if any):

SL.	Description	Year
1	Dhaka University post graduate scholarship based on M. Sc. Result (First class 2 nd position)	1987
2	Dhaka University under graduate scholarship based on B. Sc. Result (First class 4 th position)	1986
3	Dhaka Board Scholarship based on HHC result.	1983

4. Professional Experiences (if any):

SL.	Designation	Institution/Organization	From (Date) To (Date)
1	Professor	ISRT, University of Dhaka	2008 – till date
2.	Director of ISRT	It is an administrative rotatory post for three years on seniority basis	2009 - 2012
3	Visiting research fellow	ISI, India (for two months)	Jan – Feb 2014
4	Asso. Professor	ISRT, University of Dhaka	2003- 2008
5	Asstt. Professor	ISRT, University of Dhaka	1996- 2003
6	Lecturer	ISRT, University of Dhaka	1991 - 1996

5. Professional Training/Conference/Workshop/Seminar (if any):

SL.	Title/Topic	Name of the Institute	From (Date) --- To (Date)
1.	M. Amir Hossain (2016): Efficiency of arsenic removal plants installed in West Bengal India: Internatioanl conference on Advances in Interdisciplinary Sytatics and Conbinatorics (AISC 2016). Held at the University of North Carolina-Greensboro during September 30 - October 2, 2016. USA		
2.	M. Amir Hossain (2013): <i>Workshop on Statistical ational Statistical Conference</i> . Heald in the 20-21 th December, 2013. Organized by Statistics Department, Shahjalal University of Science and Technology.		
3.	M. Amir Hossain (2013): Arsenic contamination problem in Bangladesh. <i>Workshop on Statistical ational Statistical Conference</i> . Heald in the 20-21 th December, 2013. Organized by Statistics Department, Shahjalal University of Science and Technology.		
4.	M. Amir Hossain (2012): Indexing and Modeling of Groundwater Arsenic Data in Bangladesh: A Statistical Approach. <i>International Statistical Conference</i> . Held in the 27-29 th December, 2012. Organized by Bangladesh Statistical Association,		
5.	M. Amir Hossain (2004). "Ineffectiveness and Poor Reliability of Arsenic Removal Plants Installed in Arsenic Affected Areas of India", <i>International Conference on Arsenic contamination and its mitigation strategies</i> . Held in 26-27 December, 2004. Organized by DCH-SOES in Dhaka, Bangladesh.		
6.	M. Amir Hossain (2002): "Non-Parametric Selected Rank Set Sampling in the Presence of Errors in Ranking". <i>International Conference on Resent Trend in Probability and Statistics</i> . Held in December31, 2002 to January 2, 2003. Guwahati University, Guwahati, India.		
7.	M. Amir Hossain and Pk. Md. Motiur Rahman (1993): Availability of Energy (Caloie) and Requirements in Bangladesh, 1991-2000. <i>Fourth National Statistical Conference</i> . Heald on the 18-19 th December, 1992. Bangladesh Statistical Association, ISRT, D.U.		

7. Language Proficiency:

SL.	Language	Reading	Writing	Speaking	Listening
1	Bangla	√	√	√	√
2	English	√	√	√	√
3	Arabic	√			

8. Computer and Other Skills (if any):

SL.	Detailed Information
	Expert level computational skill in statistical data analysis.

9. Publications in National/International Journals (if any):

SL.	Title with Author(s)	Journal, with Vol. Number, PP, Year of Publication and Country
1.	Arsenicosis and stigmatisation, Rasel Kabir, Rasel Kabir, Olav Titus Muurlink & M. Amir Hossain (2015): <i>Global Public Health: An International Journal for Research, Policy and Practice</i> , DOI: 10.1080/17441692.2015.1015435	
2.	Regression Analysis for Data Containing Outliers and High Leverage Points. Asim K. Dey, Md Amir Hossain , and Kumer P. Das. (2015):, <i>Alabama Journal of Mathematics</i> , 39, ISSN 2373-0404	
3.	Water consumption patterns and factors contributing to water consumption in arsenic affected population of rural West Bengal, India. M. Amir Hossain , Mohammad Mahmudur Rahman, Matthew Murrill, Bhaskar Das, Bimol Roy, Shankar Dey, Debasish Maity, and Dipankar Chakraborti., <i>Sci Total Environ</i> (2012), doi: 10.1016/j.scitotenv.2012.06.057	
4.	Time series analysis model for particulate matter of air pollution data in dhaka city. Md. Arafat Rahman and M. Amir Hossain . <i>Asian Journal of Water, Environment and pollution</i> ,. Vol. 9, No. 4 (2012), pp. 63-69.	
5.	Regional Variation of Social Development in Bangladesh. Md. Arafat Rahman and Md. Amir Hossain . <i>International Journal of Social Science and Management (IJSSM)</i> : Volume: 02, Number: 06, October-2012. pp 56-64.	
6.	Indexing and Modling of Groundwater Arsenic data in Bangladesh: AStatistical Approach. M. Amir Hossain , Biml K. Roy, and Sharmodeep Bhattachariya, <i>Physiol.</i>	

Ecol. & Environ. Sci. 2(1 & 2): 31-49, 2011.

7. Status of groundwater arsenic contamination in the state of West Bengal, India: A 20-year study report. Dipankar Chakraborti, Bhaskar Das, Mohammad Mahmudur Rahman, Uttam Kumar Chowdhury, Bhajan Biswas, A. B. Goswami, Bishwajit Nayak, Arup Pal, Mrinal Kumar Sengupta, Sad Ahamed, **M. Amir Hossain**, Goutam Basu, Tarit Roychowdhury and Dipankar Das. *Mol. Nutr. Food Res.* 2009, 53, 542 – 551.
8. Groundwater arsenic contamination in Manipur, one of the seven North-Eastern Hill States of India: a future danger. Dipankar Chakraborti, E. Jayantakumar Singh, Bhaskar Das, Babar Ali Shah, **M. Amir Hossain**, Bishwajit Nayak, Sad Ahamed, N. Rajmuhon Singh. *Environmental Geology*. 2008. DOI 10.1007/s00254-007-1176-x, pp.
9. Million Dollar Arsenic Removal Plants in West Bengal, India: Useful Or Not? **M. Amir Hossain**, Amitava Mukherjee, Mrinal Kumar Sengupta, Sad Ahamed, Bhaskar Das, Bishwajit Nayak, Mohammad Mahmudur Rahman, and Dipankar Chakraborti. *Water Quality Research Journal of Canada*, 2006, 41 (2), pp. 216-225.
10. Ineffectiveness and Poor Reliability of Arsenic Removal Plants in West Bengal, India. **M. Amir Hossain**, Mrinal Kumar Sengupta, Sad Ahamed, Mohammad Mahmudur Rahman, Debapriya Mondal, Dilip Lodh, Bhaskar Das, Bishwajit Nayak, Bimal K. Roy, Amitava Mukherjee, and Dipankar Chakraborti. *Environmental Science & Technology*, 2005, 39, pp.4300-4306.
11. Groundwater arsenic contamination and its health effects in Ganga-Meghna Brahmaputra (GMB) plain and its surroundings: a nineteen years study, S. Ahamed, **M. Amir Hossain**, A. Mukherjee, M. K. Sengupta, B Das, B. Nayak, A. Pal, , D Chakraborti, *Chinese Journal of Endemiology*, 2007, 26(1), pp. 43-47.
12. Arsenic Burden of Cooked Rice: Traditional and modern methods” Mrinal Kumar Sengupta, **M. Amir Hossain**, A. Mukherjee, S. Ahamed, B. Das, B. Nayak, A Pal, and D. Chakraborti. *Food and Chemical Toxicology*, 2006, 44, pp 1823-1829.
13. Groundwater arsenic contamination in middle Ganga plain, Uttar Pradesh-India: A future Danger? S. Ahamed, M. K. Sengupta, A. Mukherjee, **M. Amir Hossain**, B. Das, B. Nayak, A. Pal, S. C. Mukherjee, S. Pati, R. N. Dutta, Adreesh Mukherjee, R Srivastava and D. Chakraborti, *Science of the Total Environment*, 2006, 370, pp 310 -322.
14. An eight-year study report on groundwater arsenic contamination and health effect in Eruani village, Bangladesh and an approach for its mitigation. S. Ahamed, Mrinal Kumar Sengupta, S. C. Mukherjee, S. Pati, A. Mukherjee, **M. Amir Hossain**, B Das, B. Nayak, A. Zafar, S. Kabir, S. T. Islam, Q. Quamruzzaman, M. M. Rahman, and D. Chakraborti, *Journal of Health, Population and Nutrition*, 2006, 24 (2), pp.129-141.
15. Groundwater Arsenic Contamination: a global perspective with special emphasis to Asian countries, A. Mukherjee, M. K. Sengupta, S. Ahamed, **M. Amir Hossain**, B. Das, B. Nayak, M. M. Rahman and D. Chakraborti, *Journal of Health, Population and Nutrition*, 2006, 24(2), pp. 142-163.
16. Adsorption studies with arsenic onto ferric oxide gel in reducing environment: effect of

- matrix and speciation, B. Nayak, **M. Amir Hossain**, M. K. Sengupta, S. Ahamed, B. Das, A Pal, and A. Mukherjee, *Water Quality Research Journal of Canada*, 2006, 41(3), pp.333-340.
17. Comment on Limited temporal variability of arsenic concentrations in 20 wells monitored for 3 years in Araihasar, Bangladesh. Mrinal Kumar Sengupta, Amitava Mukherjee, Sad Ahamed, **Md. Amir Hossain**, Bhaskar Das, Bishwajit Nayak, A. B. Goswami and Dipankar Chakraborti. *Environmental Science & Technology*, 2006, 40(5), pp. 1714-1715.
 18. A detailed study of the arsenic contamination of groundwater and its impact on residents in Rajapur village of the Domkal block, district Murshidabad, West Bengal, India. Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Sad Ahamed, Uttam Kumar Chowdhury, Bhaskar Das, **M. Amir Hossain**, Dilip Lodh, Kshitish Chandra Saha, Shyamal Kanti Palit, Dipankar Chakraborti. *Bulletin of the World Health Organization*, 2005, 83(1), pp.49-57.
 19. Are some animals more equal than others? Amitava Mukherjee, Mrinal Kumar Sengupta, **M. Amir Hossain**, Sad Ahamed, Dilip Lodh, Bhaskar Das, Bishwajit Nayak, Kshitish Chandra Saha, Subhash Chandra Mukherjee, Shymapada Pati, Rabindra Nath Dutta, Garga Chatterjee, Dipankar Chakraborti. *Toxicology*. 2005, 208(1), pp.165-169.
 20. The magnitude of arsenic contamination in groundwater and its health effects to the inhabitants of the Jalangi one of the 85 arsenic affected blocks in West Bengal, India. Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Sad Ahamed, Uttam Kumar Chowdhury, **M. Amir Hossain**, Bhaskar Das, Dilip Lodh, Kshitish Chandra Saha, Shymapada Pati, Imrul Kaies, Ajoy Kishore Barua, Quazi Quamruzzaman and Dipankar Chakraborti. *Science of the Total Environment*, 2005, 338 (3), pp. 189-200.
 21. Status of groundwater arsenic contamination and human suffering in a Gram Panchayet (cluster of villages) in Murshidabad, one of the nine arsenic affected districts in West Bengal-India: A semi-microlevel study. Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Sad Ahamed, Uttam Kumar Chowdhury, Dilip Lodh, **M. Amir Hossain**, Bhaskar Das, Kshitish Chandra Saha, Imrul Kaies, Ajoy Kishore Barua, Quazi Quamruzzaman and Dipankar Chakraborti. *Journal of Water and Health*, 2005, 3 (3), pp.283-296.
 22. Murshidabad - one of the nine groundwater arsenic affected districts of West Bengal, India. Part I: Magnitude of contamination and population at risk. Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Subhash Chandra Mukherjee, Shymapada Pati, Sad Ahamed, Dilip Lodh, Bhaskar Das, **M. Amir Hossain**, Bishwajit Nayak, Kshitish Chandra Saha, Shyamal Kanti Palit, Imrul Kaies, Ajoy Kishore Barua, Khondaker Abdul Asad, Amitava Mukherjee and Dipankar Chakraborti, *Journal of Toxicology - Clinical Toxicology*, 2005, 43, pp.823-834.
 23. Murshidabad - one of the nine groundwater arsenic affected districts of West Bengal, India. Part II: dermatological, neurological and obstetric findings. Subhash Chandra Mukherjee, Kshitish Chandra Saha, Shymapada Pati, Rathindra

- Nath Dutta, Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Sad Ahamed, Dilip Lodh, Bhaskar Das, **M. Amir Hossain**, Bishwajit Nayak, Shyamal Kanti Palit, Imrul Kaies, Ajoy Kishore Barua, Khondaker Abdul Asad, Amitava Mukherjee and Dipankar Chakraborti *Journal of Toxicology - Clinical Toxicology*, 2005, 43, pp.835-848.
24. Comment on Reliability of a Commercial Kit to Test Groundwater for Arsenic in Bangladesh. Amitava Mukherjee, Mrinal Kumar Sengupta, Sad Ahamed, **M. Amir Hossain**, Bhaskar Das, Bishwajit Nayak, and Dipankar Chakraborti. *Environmental Science & Technology*, 2005, 39, 5501-5502.
 25. Groundwater arsenic contamination and its health effects in the Ganga-Meghna-Brahmaputra plain. Dipankar Chakraborti, Mrinal Kumar Sengupta, Mohammad Mahmudur Rahman, Sad Ahamed, Uttam Kumar Chowdhury, **M. Amir Hossain**, Subhash Chandra Mukherjee, Shyamapada Pati, Kshitish Chandra Saha, R.N. Dutta, Quazi Quamruzzaman. *Journal of Environment Monitoring*, 2004, 6, 75N-83N.
 26. Expenditure pattern of the middle income group people in Dhaka city: A CPI perspective. Tasrif Jafar Siddique and **M. Amir Hossain**. *Journal of Business Studies*, 2004. Vol. XXV, No. 1. pp 181 – 196.
 27. Class performance o the secondary school teachers in Bangladesh: An evaluation. Md. Abdul Maleque, Ms. Mariam Begum, and **M. Amir Hossain**. *Teacher's World, Journal of Education and Research*, 2004, Vol.21-23, pp 17 - 36.
 28. Groundwater Arsenic Contamination in Ganga–Padma–Meghna–Old Brahmaputra Plain. Mrinal Kumar Sengupta, Amitava Mukherjee, **M. Amir Hossain**, Sad Ahamed, Mohammad M. Rahman, Dilip Lodh, Uttam K. Chowdhury, Bhajan K. Biswas, Biswajit Nayak, Bhaskar Das, Kshitish C. Saha, Dipankar Chakraborti, Subhash C. Mukherjee, Garga Chatterjee, Shyamapada Pati, Rabindra N. Dutta, Quazi Quamruzzaman. *Archives of Environmental Health*, 2003, 58 (11), pp.701-702.
 29. “Relationship between Class Characteristics of Parents and Participation Levels of Students: A Contemporary Phenomenon of Dhaka City”. A. Maleque, B. Nath and **M. Amir Hossain**. *Teacher's World, Journal of Education and Research*. 2002, Vol.24-25, pp 199-210.
 30. “Identification of Causes and Incidence of Low Attendance and Dropout from School: A Multivariate Analysis”. **M. Amir Hossain** and Pk. Md. Motiur Rahman. *Teacher's World, Journal of Education and Research*, 2002, Vol.21-23, pp 23-30.
 31. “Estimation of the Scale Matrix of the Class of Elliptical Distributions”. **M. Amir Hossain** and Anwarul H. Joarder. *Dhaka University Journal of Science*, 1999, Vol.47, No.2, pp.221-228.
 32. “Estimation of the Eigen Values of the Scale Matrix of the Class of Elliptical Distributions”. Anwarul H. Joarder and **M. Amir Hossain**. *Statistica*, 1996, Bologna, Italy.

33.	“Effect of Storage on the Physico-chemical Characteristics of Soybean Oil”. M. Amir Hossain . <i>Bangladesh Journal of Biochemistry</i> , 1996, Vol.2, No.2, pp 41-48.
34.	“Estimation of the Trace of the Scale Matrix of the Scale Mixture of Multivariate Normal Distributions”. Anwarul H. Joarder and M. Amir Hossain (1995): <i>Journal of Information and Optimization Sciences</i> , 1995, Vol. No. 3, pp 565-572.
35.	“Population and Poverty: Critical Policy Measures”. Pk. Md. Motiur Rahman and M. Amir Hossain . <i>The Asian Economic Review</i> , 1995, Vol. XXXVII, No.3, pp 507-518.
36.	“Comparative Ecology of the Jute in Relation to Environmental Factors, Growth of two Cultivers of Jute (D 154 and CVL 1) at Different Photoperiods”. M. Amir Hossain et.al. <i>International Journal of Ecology and Environmental Science</i> . 1995, Vol.21, pp 223-230.

10. Publication of Book(s) (if any):

SL.	Title of the Book	Publisher	Year
1.	Arsenic contamination incidents round the world. Mohammad Mahmudur Rahman, Mrinal Kumar Sengupta, Uttam Kumar Chowdhury, Dilip Lodh, Bhaskar Das, Sad Ahamed, Debapriya Mandal, Md. Amir Hossain , Subhash Chandra Mukherjee, Shymapada Pati, Kshitish Chandra Saha, Dipankar Chakraborti. <i>Book: Managing Arsenic in the Environment: From Soil to Human Health</i> , Editor : Prof Ravi Naidu, Euan Smith, Gary Owens, Prasun Bhattacharya, Peter Nadebaum, CSIRO publishing, Australia. 2006, pp 3-30.		
2.	Groundwater Arsenic Exposure in India, Dipankar Chakraborti, Mrinal Kumar Sengupta, Mohammad Mahmudur Rahman, Uttam Kumar Chowdhury, Dilip Lodh, Sad Ahamed, M. Amir Hossain , Gautam Kumar Basu, Subhash Chandra Mukherjee, Kshitish Chandra Saha, Book: <i>Arsenic Exposure and Health Effects V</i> , Edited by W.R.Chappell, C.O.Abernathy, R.L.Calderon, 2003; Publisher: Elsevier science, Amsterdam-Lausanne-New York-Oxford-Tokyo. Pp.3-24.		

12. Supervision of Theses/Projects (if any):

SL.	Academic Program	Title	Awarding Year
	I have been supervising M. S. level thesis students since 2005 and almost every year 1 or two students Apart from theses I have been supervising Honors and masters level project students for last 15 years		

13. Professional Body Membership/Fellowship/Other Noteworthy Affiliations (if any):

SL.	Description	Year
1.	Life member, Bangladesh Statistical Association. (Publication Secretary, National Organizing committee)	
2.	Life member, Dhaka University Statistics Department Alumni Association. (Member, Executive committee)	
3.	Member, National Statistical Council, Government of Bangladesh.	
4.	Member, Standing Technical Committee, Census and housing count 2011, Bangladesh	
5.	Member, Steering Committee, Household Income and Expenditure Survey 2009-2012, Bangladesh.	
6.	Member, National Advisory Committee, Multiple Indicator Cluster Survey (MICS) 2010, Bangladesh.	
7.	Member, National Advisory Committee, Sample Vital Registration System Project (SVRS), Bangladesh Bureau of Statistics, Bangladesh.	
8.	Member, Technical Committee, Demographic and Health Wing, Bangladesh Bureau of Statistics, Bangladesh	

14. Other Necessary Information (if any):

- I have been involved in part –time teaching in different Public and private Universities.
- Other than teaching I have been involved in providing consultancy services to different organizations for conducting survey research.

15. Name with affiliations, telephone numbers and email addresses of two referees who are not related to the applicant:

Prof. Bimal K. Roy PhD, Director, Indian Statistical Institute (ISI), Kolkata 700 108, India.

E-mail: bimal@isical.ac.in

Pk. Md. Matiur Rahman PhD, Professor, ISRT, University of Dhaka, Dhaka 1000.

E-mail: pkmotiur@isrt.ac.bd

M. Israt Rayhan PhD, Professor and Director, ISRT, University of Dhaka. Dhaka

E-mail: mlatif@isrt.ac.bd

A handwritten signature in black ink, appearing to read 'Amir Hossain', with a stylized initial 'A'.

Md. Amir Hossain

Dhaka, April 30, 2017