

INSTITUTE OF STATISTICAL RESEARCH AND TRAINING (ISRT)

1. Type of Organisation : Autonomous
2. Mailing Address : Institute of Statistical Research and Training (ISRT)
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4. Head of the Organisation (Name and Designation) : Dr. Md. Sekander Hayat Khan
Professor and Director
5. Objectives :
 - 1) To promote and provide facilities for advanced studies and research in Statistics, including the establishment of research units for developing statistical concepts and methodology appropriate to diverse applied fields,
 - 2) to provide training to various statistical workers on technical and professional aspects of applied statistics,
 - 3) to cooperate with other department and agencies in planning and development in survey and research schemes , and
 - 4) to undertake research projects sponsored by public, private, national or international organisations.
6. Recent Research Publication Of the Organisation (1996-99) : Journal of Statistical Research (JSR)
Rural Demography.
7. On-going Research Projects : Collaborative Research Project with ICDDR'B on "Factors Associated with Female Mortality".
8. Future Plan of Research : Main topics of research interest includes: Mathematical Statistics, Biostatistics, Poverty related issues, Socio-demographic and Health & Education Statistics.
9. Chief Researchers : **Dr. Md. Sekander Hayat Khan**, Professor and Director. Ph.D. in Mathematical Statistics (Probability Theory) from University of Otago, New Zealand (1979).

Publications:

- 1) "On some aspects of two-stream dam model" (1998). Dhaka University, J.Sci. 46(1): 43-50.
- 2) "Maximum likelihood estimation of a generalised gamma distribution and some other aspects of the distribution" (1997). Dhaka University, J.Sci, 45(2): 245-248.
- 3) "A class of distributions in the busy period of a single server queue involving batches of random arrivals" (1996), Dhaka Unive. J.Sci, 44(1), 105-110.
- 4) Estimation of intercept and slope of several straight lines: The parallelism problem" (1995), JSR, vol. 29, No. 2, 79-88.
- 5) "On a bivariate exponential family" – (1996). Accepted for publication in the Bangladesh J.Sci.Res.
- 6) "On the non-emptiness of a dam" (1994). Bangladesh J.of Scientific Research, 12(2), 145-149.
- 7) "On the mean of first emptiness of the dam" (1994). Bangladesh J. of Scientific Research, 12(2), 233-236.
- 8) "Generating a class of busy period distributions in a steady state single server queue" (1994). Accepted for publication in Bangladesh J. of Scientific Research.
- 9) "A dam model of birth and death type" (1993). Bangladesh J.Sci.Res. 11(1), 77-81.
- 10) "Vandermonde type convolution and Hagen type identities associated with the generalised gamma distribution" (1993). Journal of Statistical Studies, Vol. 13, 100-103.
- 11) "A note on the capacity of a dam" (1992). Pak. J. Statistics, Vol. 8(3)B, 25-33.
- 12) "On probabilistic approach for determining the capacity of a dam" (1988). Proceeding, ICCS-1, 1440-247 Pakistan.

- 13) "A generalised exponential distribution" (1987), *Biom. J.*, 29(1), 121-127.
- 14) "Some approximations of the Borel-Tanner or the generalised Poisson distribution" (1985). *Biom. J.*, 27(2), 217-223.
- 15) "A generalised gamma distribution and some of its properties" (1982-83), *Libyan J. of Sciences*, Vol. 12, 53-60.
- 16) "On designing the capacity of a reservoir" (1980). *Biom. J.* 22(4), 359-369.
- 17) "On an exponential family" (1979). *Math. Operationsforsch, Statist. Ser. Statistics*. Vol. 10(1). 153-168.
- 18) "A class of distribution in the first emptiness of a semi infinite reservoir" (1978). *Biom.J.* 20(3), 243-252.
- 19) "Parimity and Parisankhan" (1992). A book for Diploma in Agriculture, Bangladesh Technical Education Board.
- 20) "Parisankhan" (1995). A book for diploma in Agriculture, Bangladesh Technical Education Board.
- 21) "On Probabilistic Approach for Determining the Capacity of a Dam" (1988). *Proceeding, ICCS-1*, 1440-, Pakistan.
- 22) "Factors associated with female mortality in Matlab, Bangladesh" (1999). A collaborative research with ICDDR'B.
- 23) "Evaluation of RDRS Bangladesh: Customers' Satisfaction (1998), ACPR, Dhaka.
- 24) "Evaluation of RDRS Bangladesh: View of Staff and Beneficiaries (1998), ACPR, Dhaka.
- 25) "Withdrawal of door-step delivery of FP Services: Impact on Contraceptive use in four RSDP, NGO areas of Bangladesh (1998): ACPR, Dhaka.

- 26) Withdrawal of door-step delivery of FP services: Impact on contraceptive use in two HP, NGO areas of Bangladesh (1998). ACPR, Dhaka.
 - 27) An evaluation of the Effectiveness of FP Orientation Program Conducted under the Auspices of IEM Unit for different Occupational Groups (1998). ACPR, NIPORT and IEM Unit, Dhaka.
 - 28) A small Scale KAP Survey in JOICFP Area (1997), ACPR, Dhaka.
 - 29) "Evaluation of Continuous Pupils Assessment (CPA) in Primary Schools" (1996), BAFED, Dhaka.
 - 30) MCH-FP Services in Rajshahi Division: A Situation Analysis (1996). NIPORT, ACPR, UNFPA, Dhaka.
 - 31) Bangladesh National Nutrition Survey, 1994-96.
1. **Dr. Q.M. Rahman**, Professor. Ph.D. (Texas A&M). Spec: Econometrics.

Publications:

- 1) An Optional Investment and Financial Control Model : Theoretical Solution and an Application, Ph.D. Dissertation abstract published in American Economic Review. Vol. 60, 1970).
- 2) Programme and Activities of Different Computer Centres in Bangladesh. Final Report of the UNESCO Regional Meeting of Computer Centre, Directors in South and Central Asia, Kathmandu, Nepal 1979, Pp.40-46.
- 3) The Energy Problem in Asia and the Pacific: State of the Art (Bangladesh). Proceedings of the Project Development Meeting on Energy, ADIPA, Bangkok, Thailand, 1980, Pp. 1-4.
- 4) Studies of Rural Energy Demand and Supply in Bangladesh. Proceedings of the project

Development Meeting on Energy, ADIPA, Bangkok, Thailand, 1980, Pp. 5-7.

- 5) Informatics Activities in Bangladesh and Project RINSCA (Co-author): A.M. Patwari and A.F.M. Nurul Alam, Proceedings of Regional Seminar on Application of Informatics in South and Central Asia, New Delhi, India, 1983, Pp. 61—82.
- 6) Effect of Outliers in Regression Analysis : A Case Study Using Tobin's Data (Co-author: A.U. Ahmed), Journal of Statistical Research, Vol. 17, 1983, Pp. 63—74.
- 7) Test of Hypothesis and Test of Significance (Co-author: Mr. Kabir), Basic Methods of Evaluative and Action Research, NIPORT, Dhaka, 1984, Pp. 118—130.
- 8) Some Aspects of Rural Income Distribution in Bangladesh (Co-author: Abdul Ghani) Changing Pattern of Employment and Income Distribution, Edited by I.Z. Bhatti, ADIPA, Kuala Lumpur 1985, Pp. 29—38.
- 9) Population and Poverty in Rural Bangladesh (Co-author: Pk. Md. Motiur Rahman), Proceedings of the Second National Conference of Bangladesh Population Association, 1985, Pp. 164—171.
- 10) Household size and consumption pattern in Rural Bangladesh (Co-author: A.U. Ahmed, S. Khan and M.N. Islam), Proceedings of the Second National Conference of Bangladesh Population Association, 1985, Pp. 142—153.
- 11) Project Leader of the Research Project: Attitude of University—Students and Their Parents towards Civil Services undertaken by D.U. Institute of Statistical Research and Training and sponsored by the Pay and Services Commissions, Government of Bangladesh, 1976. (Report published by the Cabinet Division, Government of Bangladesh and also as an ISRT Monograph VI + 67 pages).

- 12) Project Leader of the Research Project: Socio-Economic Survey for Rural Electrification Feasibility Study undertaken by D.U. Institute of Statistical Research and Training and sponsored by CAI-NRECA, USA and US Agency for International Development (USAID), 1977. (Report published by CAI) NRECA, USA, 53 pages.
- 13) Co-author of Research Monograph Report on Bench Mark Survey on Socio-economic conditions in Serajgonj research undertaken by D.U. Bureau of Economic Research and sponsored by UNICEF, 1978. (Report published as a BER Monograph and also as a Monograph of UNICEF. XIV + 206 pages).
- 14) Project Leader of the Research Project. A Study on Professional and Other Services undertaken by D.U., Institute of Statistical Research and Training and sponsored by the Planning Commission, Government of Bangladesh, 1979, (Report published as an ISRT Monograph VIII + 53 pages).
- 15) Consultant, South Asia Region of the World Bank for the Research Project "Labour Migration from Bangladesh to the Middle East, 1980. (Report published as World Bank Staff Working Paper: 454 and also as an ISRT Monograph—Chapter IV: Cost of Training of Bangladesh Migrants to the Middle Eastern Countries. Pp. 139—158.
- 16) Project Leader of the Research Project Rural Electrification Baseline Survey undertaken by D.U. Institute of Statistical Research and Training and sponsored by US Agency for International Development (USAID), 1980. (Report published as ISRT Monograph in two volumes-1, XX + 292 pages, Vol.2, XXXVI + 834 pages).
- 17) Project Leader of the Research Study 'Second Phase of Baseline Data Collection for the Universal Primary Education (IDA) Project, and sponsored by the United Nations Educational, Scientific and Cultural Organisation (UNESCO), 1985. (Report published as an ISRT Monograph, IX + 66 pages).

- 18) Project Leader of the Research Study: Evaluation of the Integrated School Development (ISD) Program 1985-86 undertaken by MAS Consultants and Associates and sponsored by the United Nations Educational, Scientific and Cultural Organisation (UNESCO), 1985. (Report published as a MAS Monograph XII + 133 pages).
 - 19) Team Leader of the Research Study Market Survey of the Project—Use of Rural Mother's Centres for Population Activities undertaken by the Organisation for Population and Development (OPD) and sponsored by the Department of Social Services, Government of Bangladesh, June 28, 1988—January 1, 1989. (Report published as an OPD Monograph, IX + 159 pages).
 - 20) Financial Analyst for Second Rubber Development Project, Bangladesh. Phase-I undertaken by Hassall and Associates Pvt. Ltd. (Australia) in association with Bangladesh Consultants Ltd. and sponsored by Asian Development Bank (ADB) October 10-31, 1988. (Report Published as a Hassall and Associates and BCL Monograph)
 - 21) Co-Principal Investigator of the Research Study 'A Study on Improving the Effectiveness of the National Radio-Campaign in support of the Population Program' undertaken by organisation for Population and Development (OPD) and sponsored by University Research Corporation (URC) USA October 23, 1988-October 15, 1989. (Report published as an OPD Monograph, XXII + 178 pages).
2. **Dr. Md. Humayun Kabir**, Professor. M.Sc. (Dhaka, M.S. (Ball State), M.S. (Harvard), Ph.D. (Brown), Migration and Mathematical Demography.

Publications:

- 1) Community Perception of the Problems of the Aged Population in Bangladesh. Some Problems and Issues of Older Persons in Asia

and the Pacific. Asian Population Studies Series No. 144. United Nations. New York, 1997, 1-21.

- 2) An Old-Age Social Security for Bangladesh (joint with John A. Beekman). Insurance: Mathematics and Economics, 1997. The Netherlands.
- 3) Family Structure and Composition and Care of the Elderly in Bangladesh. Asian Population Studies Series No. 145, United Nations. New York, 1996.
- 4) Role of Local Level Planners and Organisations, Population Ageing and Development. Asian Population Studies Series no. 140. United Nations. New York, 1996. 54-59.
- 5) Local Level Policy Development to Deal with the Consequences of Population Ageing in Bangladesh. Asian Population Studies Series No. 131-A. United Nations. New York, 1994.
- 6) Demography and Socio-Economic Aspects of Ageing in Bangladesh published in the Ageing of Asian Populations. Proceedings of the United Nations Round Table on the Ageing of Asian Populations, Bangkok, 4-6 May, 1992.
- 7) Ageing in Bangladesh: The Demographic Picture published in – Productive Ageing in Asia and the Pacific, Asian Population Studies Series No. 129. United Nations. New York, 1993.
- 8) Wrote Chapter II – Demographic Data and Trends for the book ‘Country Monograph on the Profile of Youth of Bangladesh’ by Economic and Social Commission for Asia and the Pacific (ESCAP), United Nations, Bangkok, Thailand, 1985, pages 19—50.
- 9) Socio-economic Determinants of Mobility of Middle Age Men in the United States. Abstract of Ph.D. thesis. Population Index, Vol. 48, No.3, pages 592-93, USA, 1982.

- 10) Mathematical Demography Applied to Bangladesh Population. Actuarial Research Clearing House (ARCH), Issue 3, 1975. Society of Actuaries, Chicago, USA.
- 11) Family Structure and Care of the Elderly in Bangladesh. Paper presented at the Sixth National Conference of the Bangladesh Statistics Association.
- 12) A comprehensive report on the situation analysis of the tribal population of Bangladesh using Multiple Indicator Cluster Survey data from 1994-96 – a research work done for the UNICEF in Dhaka, Bangladesh, June 1996.
- 13) The Ageing and the Aged in Bangladesh – Paper presented at the 5th National Statistical Conference of the Bangladesh Statistical Association, 1995.
- 14) Drug Abuse Among the Students in Dhaka City – Prevalence and Related Factors (co-author) – Report of a survey sponsored by the World Health Organisation (WHO) in 1991.
- 15) Aged People in Bangladesh: Facts and Prospects. Rural Demography, Vol. XIV, Institute of Statistical Research and Training, University of Dhaka, Bangladesh, 1987.
- 16) Breastfeeding Supplements in Urban and Rural Areas of Bangladesh. Rural Demography, Vol. XIII, Numbers 1 and 2, Institute of Statistical Research and Training, University of Dhaka, Bangladesh, 1986.
- 17) Household Survey of the Socio-economic Conditions of GS-1 and GS-2 Staff of UNICEF in Bangladesh (co-author), by UNICEF-Bangladesh Country Office, January, 1984.
- 18) Breastfeeding Practice and Determinants in Urban and Rural Areas of Bangladesh. Journal of Population and Health Management and Research (CPMR), Institute of Business Administration (IBA), University of Dhaka. Bangladesh, 1983.

- 19) Determinants and Consequences of Infant Mortality. A Short Review. Published in Monograph on Infant and Child Mortality in Bangladesh. Institute of Statistical Research and Training, 1982.
 - 20) Socio-economic Determinants of Breast-feeding in Urban and Rural Areas of Bangladesh – report of a research study directed by me in 1982 and sponsored by the Ford Foundation through CPMR, IBA, University of Dhaka, Bangladesh.
 - 21) Collection of Baseline Data for Universal Primary Education – report of a research study directed by me in 1982 and sponsored by the UNESCO in Dhaka, Bangladesh.
 - 22) Wrote 17 articles on the Population problems of Bangladesh in the daily newspapers, monthly magazines and other journals in Bangladesh.
3. **Dr. Pk. Md. Motiur Rahman**, Professor, M.Sc. (Statistics), M.Phil. (Dhaka), Ph.D. (Dhaka) Statistics Ph.D.

Publications:

- 1) On Measuring Landholding Mobility in Rural Bangladesh: (Jointly with S.Huda), Indian Journal of Agricultural Economics, Vol. 32, No.2, April-June, 1997.
- 2) **Population and Poverty; Critical Policy Measures:** (Jointly with A. Hossain), Asian Economic Review, Vol. XXXVII, No.3, Hyderabad, India, December, 1995.
- 3) **Poverty Alleviation: Government and Non-Government Organisa-tional Interventions:** In Rahman Sobhan ed. Experiences with Economic Reform: A Review of Bangladesh's Develop-ment, University Press Ltd., 1995.
- 4) **Macro Aspects of Poverty in SAARC Countries:** (Jointly with Mazaffer Ahmed); Journal of Bangladesh Institute of International and Strategic Studies, Vol.14, No.3, 1993.

- 5) **On Some Measurement of Poverty:** (Jointly with S. Huda); The Indian Journal of Economics, Vol. 39, No.4, April-June, 1992.
- 6) **Decomposition of Income Inequality in rural Bangladesh:** (Jointly with S. Huda); Modern Asian Studies, Cambridge University Press, Vol. 26, Part-1, U.K., 1992.
- 7) **Land Reforms, Emerging Classes and Process of Polarisation in Rural Bangladesh:** Journal of the Asiatic Society of Bangladesh (Humanities), Dhaka, Vol.35, No.2, 1990.
- 8) **Aquarium Culture Studies on the Effects of Fertilisers on Plankton:** (Jointly with: Ameen, M. Tahmida, Z.N. and Haider, S.A.). Tropical Ecology (International Society for Tropical Ecology), Vol. 32, No.2, India, 1990.
- 9) **Employment Wages and Level of Living of Agricultural Labours in Bangladesh:** The Asian Economic Review, Vol. XXXI, No.1, Hyderabad, India, 1989.
- 10) **Urban-Rural Disparity in Consumption and Its Demand in Bangladesh:** Proceedings of a National Workshop, Bangladesh Bureau of Statistics, 1989.
- 11) **Some Aspects of Income Distribution of Rural Bangladesh:** The Applied Economics; Chapman and Hall Ltd., Vol. 20, University of London, U.K.
- 12) **Discriminate Analysis Between Non-Poor and Poor Households in Rural Bangladesh:** (Jointly with Hossain, F.), First Islamic Countries Conference on Statistical Sciences, Proceedings, Vol. III, Pakistan, 1988.
- 13) **Effects of Supplemental Feed on the Growth of Oreochromia Niloticus Trewaves Fingerlings:** (Jointly with: Begum, G. and Shireen, K.F.), Journal of the Asiatic Society of Bangladesh (Science), Vol.XIV, No.1, Dhaka, 1988.

- 14) **Effects of Additives on the Toxicity of Different Derris Root Formula-tions on Cat Fish:** (Jointly with: Ameen, M., Shireen, K.F. and Ahmed , M.U.), Dhaka University Studies (Part-E), Vol.2, No.2, 1987.
- 15) **Persistence of Piscicidal Effects of Ethanol Extract of Rotenoids from Derris Roots Stored in Commonly Available Containers:** (Jointly with: Ameen, M., Ahmed, M., Shireen, K.F., Mustafa, A., and Roy, T.K.), Bangladesh Journal of Fisheries, Vol.10, No.2, 1987.
- 16) **Effect of Fertilisers on Plankton, the Natural Food for Fish in Ponds:** (Jointly with: Ameen, A., Z.N.T. Begum and S.A. Haider); Journal of Zoology, Vol. 11, 1987.
- 17) **Identification of Criteria Variables in Fish Production in Semi-intensively Managed Fish Ponds in Noakhali:** (Jointly with: Ameen, M. and others); Indian Journal of Fisheries, Vol.33, No.2, 1986.
- 18) **A Multivariate Analysis of Intensive Jute Cultivation in Bangladesh:** The Asian Economic Review, Vol. XXVIII, No.2, Hiderabad, India, 1985.
- 19) **Poverty and Inequality in Landholding Distribution in Rural Bangladesh:** Indian Journal of Agricultural Economics, Vol. XL, No.4, Bombay, India, 1985.
- 20) **Population and Poverty in Rural Bangladesh:** (Jointly with Q.M. Rahman), Proceedings of the Second National Seminar 1984, Bangladesh Population Association, Dhaka, Bangladesh, 1985.
- 21) **Global Issues of Poverty in Third World Countries with Special Reference to Rural Bangladesh:** The Asian Economic Review, Vol. XXVII, April & August, No.1&2, Hyderabad, India, 1985.
- 22) **Distribution of Landholding and its Inequality in Bangladesh:**(Jointly with Mr. Mir Mustaq Ali). The Indian Journal of Agricultural Economics, January-March, 1984. Bombay, India.

- 23) **Urban-Rural Household Expenditures Pattern in Bangladesh:** (An application of discriminate analysis). Asian Economic Review. Vol. XXV, April and August, No. 1&2, 1993, Hyderabad, India.
- 24) **Consumption Pattern of Sugar in Bangladesh:** The Dhaka University Studies; Vol. XXXI, No.2, July, 1983.
- 25) **An Analysis of Household Expenditure Pattern in Urban-Rural Bangladesh:** The Dhaka University Studies, Part B. Vol. XXX, No.2, July, 1982.
- 26) **The Impact of Family Composition on Consumption of Sugar:** The Dhaka University Studies, Part B, Vol. XXX, No.2, July, 1982.
- 27) **Emigration of Medical Personnel and its Impact in Bangladesh:** (Jointly with Mr. Mir Mustaq Ali). The Asian Economic Review, Hyderabad, India, Vol. XXIII, 1981.
- 28) **Consumption Pattern of Wheat in Bangladesh:** (Jointly with: Mr. Bhattacharjee A.K. and Sobhan M.A.); Journal of Statistical Studies, Department of Statistics, Jahangirnagar University, Savar, Dhaka, 1981.
- 29) **Acreage Responsiveness to Sugarcane Output in Bangladesh:** (A Ridge Regression Analysis): The Dhaka University Studies, Part B, Vol. VI, No.1, 1978.
- 30) **National Income and Problems of its Estimation in Bangladesh:** (Jointly with Dr. K. Saleh Ahmed). The Business Review, University of Dhaka, January-March, 1978.
- 31) **Identification of Cost Reducing Factors of Sugar Production in Bangladesh:** Proceedings First National Statistical Conference, Dhaka, March, 1977.
- 32) **An Econometric Analysis of Production and Consumption of Sugar in Bangladesh:** M.Phil. Dissertation published by the Institute of Statistical Research and Training (ISRT), University of Dhaka, June, 1977.

- 33) **The Price Responsiveness to Gur Supply in Bangladesh:** The Business Review, University of Dhaka, Vol. III, No.2, April-June, 1977.
- 34) **Problems of Bangladesh Sugar Industry:** (Jointly with Dr. A.N.M. Assize Rahman). The Business Studies, University of Dhaka, Vol.1, Autumn, 1976.
- 35) **Poverty Issues in Rural Bangladesh:** University Press Limited, Dhaka, April, 1995.
- 36) **Macro Analysis of Poverty Situation in Some Selected Countries:** Institute of Developing Economies, Tokyo, Japan, 1996.
- 37) **A Study on Health and Education, Second Plan/Perspective Plan Study Report Series:** General Economics and Evaluation Division, Planning Commission, Government of the People's Republic of Bangladesh, April, 1979.
- 38) **An Evaluation of the IRDP Pilot Project on Rural Women's Co-operative and Population Planning:** (Jointly with: Dr. A.N.M. Azizur Rahman and Md. Rafiqul Islam), Centre for Quantitative Economic Research, Department of Theoretical Economics, University of Dhaka, May, 1979.
- 39) **Family Composition and Consumption of Sugar in Bangladesh:** Institute of Statistical Research and Training (ISRT), University of Dhaka, November, 1980.
- 40) **Urban-Rural Household Expendi-ture Pattern in Bangladesh:** Institute of Statistical Research and Training (ISRT), University of Dhaka, November, 1980.
- 41) **A Study on the Identification of Causes of Low Attendance and Estimation of Dropout from Schools with Special Reference to Class 1 and Girls Students:** (sponsored by UNICEF), Dhaka, 1992.
- 42) **A Tracer Study on Compulsory Primary Education in Dhaka Division:** (sponsored by UNICEF), 1993.

43) **A Tracer Study on Technical Graduate of UCEF:** (sponsored by UCEF), Dhaka, 1993.

4. **Dr. Khan Abdul Matin**, Professor, Ph.D. Demography (Dhaka).

Publications:

- 1) Socio-economic Characteristics of Migrants and Non-migrants in Modernising City: A Case Study of Chittagong, Bangladesh, *Oriental Geographer* 17 (1-2): 48-58, Dhaka, 1983.
- 2) The Impact of Female Education on Contraceptive Use in Bangladesh. *The Dhaka University Studies, Part A* 42(2): 199-211, Dhaka, 1985.
- 3) The Impact of Female Education on Fertility Desires in Bangladesh. *Rural Demography* 12(1-2): 42-53, Dhaka, 1985.
- 4) Profiles of Landless Co-operators in Bangladesh: An Analysis with the RPP. *The Bangladesh Sociological Review* 1(i): 95-106, Dhaka, 1985.
- 5) Illustrative School Life Tables. Bangladesh, 1981, *Bangladesh Journal of Scientific Research* 4(2): 217-228, Dhaka, 1985.
- 6) Learning Condition Differentials in Primary Education: An Experiment with Participant Observation. *Bangladesh Journal of Sociology* 3(1): 191-197, Dhaka, 1985.
- 7) Working Life Tables Bangladesh 1981, *Janasamkhya* 4(1): 65-79, Kariavattom, 1986.
- 8) Residence Background and Fertility in Chittagong, Bangladesh, *Genus* 42 (1-2): 141-151, Rome, 1986.
- 9) Aggregate Consumption Function in Bangladesh 1872-73 to 1985-86. *The Dhaka University Studies, Part-C* 8(2): 129-136, Dhaka, 1987.

- 10) The Effect of Foreign Capital Inflow on Domestic Saving and Economic Growth in Bangladesh: 1972-73 to 1982-83. *The Chittagong University Studies, Social Science* 10(1): 180-193, Chittagong, 1987.
- 11) A Macro Level Analysis of Educational Participation in Bangladesh. *Bangladesh Journal of Political Economy* 9(3): 161-174, Dhaka, 1988.
- 12) Migration, Urbanisation and Fertility in Bangladesh: An Aggregate Level Analysis, *Bangladesh Sociological Review* 3(1): 38-52, Dhaka, 1988.
- 13) Demographic Profile and Determinants of Fertility in Four Statistical Metropolitan Areas (SMAs) of Bangladesh. *Bangladesh Sociological Review* 4: Forthcoming, Dhaka, 1988.
- 14) Occupation Composition and its Determinants in Bangladesh. *Bangladesh Journal of Scientific Research* 7(2): 155-163, Dhaka, 1989.
- 15) Farm size, Impacts Use and Productivity of Rice in Bangladesh. *The Dhaka University Studies, Part C* 10(1): 37-49, Dhaka, 1989.
- 16) Factors Affecting Hypertension: An Illustrative Study of a Metropolitan Clinic. *Bangladesh Journal of Scientific Research*. 9(1): 33-40, Dhaka, 1991.
- 17) Structural Change and Economic Growth in Bangladesh: 1972/73 to 1987/88. *The Dhaka University Journal of Business Studies*. 12(2): 33-42, Dhaka, 1991.
- 18) Export Performance of Bangladesh: Structure and Trends: 1972/73 to 1990/91. *The Dhaka University Journal of Business Studies*. 13(2): 103-124, Dhaka, 1991.
- 19) Factors Differentiating Migrant and Non-immigrant Women in Dhaka City: A Discriminate Analysis. *Bangladesh Journal of Scientific Research*. 11(1): 99-104, Dhaka, 1993.

- 20) The Overseas Migrant Workers, Remittance, and the Economy of Bangladesh: 1976/77 to 1992/93. *The Dhaka University Journal of Business Studies*. 15(2): 87-110, Dhaka, 1994.
- 21) The Foreign Aid in the Development Process of Bangladesh: Structure and Dimensions: 1971-90. *Bangladesh Journal of Political Economy*. 13(1): 133-154, Dhaka, 1995.
- 22) Impact of Education on Fertility. Pp. xi + 154. Unpublished Master of Science (Sc.M.) thesis submitted to the Johns Hopkins University, Baltimore, 1980.
- 23) Residence Background and Fertility in Urban Bangladesh. Pp. xvii + 290. Unpublished Ph.D. thesis submitted to the University of Dhaka. Dhaka, 1992.
- 24) Determinants of Child Mortality in Bangladesh, Pp. 64-87 in Andrew Kantner et al. (eds) *Bangladesh Contraceptive Prevalence Survey 1985: Secondary Analysis*, Mitra and Associates, Dhaka, 1988.
- 25) Socio-economic Status and Fertility, Pp. 10, Paper read at the First National Conference of the Bangladesh Statistical Association held in February, 1977 at Dhaka.
- 26) Foreign Capital Inflow and Domestic Saving in Bangladesh: 1972-73 to 1982-83. Pp. 6. Paper read at the Second National Conference of the Bangladesh Statistical Association held during 27-28, March, 1987 at Dhaka, 1987.
- 27) Determinants of Occupational Composition of Bangladesh, 1981. Pp. 11. Paper read at the One day Seminar on Statistics of the Bangladesh Statistical Association held on 15 January, 1988 at Dhaka, 1988.
- 28) Farm size Inputs Use and the Productivity of Rice in Bangladesh 1984-85. Pp. 12. Paper read at the One day Seminar on Statistics of the Bangladesh Statistical Association held on 15 January, 1988 at Dhaka, 1988.

- 29) Determinants of Infant and Child Mortality in Bangladesh. Pp. 25. Paper read at the Workshop Session of the Summer Seminar on Population/ Recent Advances in Multivariate Analysis of Fertility and Child Mortality data sponsored by the East West Centre during 30 May—25 June, 1988 at Honolulu, 1988.
- 30) A Macro Level Analysis of Educational Participation in Bangladesh. Pp. 14. Paper read at the 8th Biennial Conference of the Bangladesh Economic Association held during 15-17 July, 1988 at Dhaka 1988.
- 31) Determinants of Female Labour Force Participation in a Metropolitan Area of Bangladesh. Pp. 15. Seminar Paper read on 14 November 1988 at the Cardiff University Population Centre, University College, Cardiff, 1988.
- 32) Residence Background and Fertility in Dhaka City. Pp. 17. Seminar paper read on 17 November, 1988 at the Institute of Population Studies, University of Exeter, Exeter, 1988.
- 33) The Impact of Migration Remittances on the Economy of Bangladesh: 1976-77 to 1992-93. Pp. 10. Paper read at the One day Seminar on World Population Day (11 July 1993) on the Individual and the World: Population, Migration and Development organised by the Institute of Statistical Research and Training, University of Dhaka.
- 34) The Foreign Aid in the Development Process of Bangladesh: Structure and Dimensions: 1971-90. Paper read at the 10th Biennial Conference of the Bangladesh Economic Association on Market Economy and Economic Development held on 8-10 May, 1993 at Dhaka.
- 35) Migrant-Non-immigrant Fertility Differences in Narayanganj, Pp. 10, Paper read at the Fifth National Conference of the Bangladesh Statistical Association held on 27-28 January, 1985 at Dhaka.

- 36) Working Life Tables, Bangladesh, 1991. Pp. 15. Paper read at the Fifth National Conference of the Bangladesh Statistical Association held on 27-28 January, 1985 at Dhaka.
- 37) Landholding and Fertility in Khagrachari. Pp. 10, Paper read at the Fifth National Conference of the Bangladesh Statistical Association held on 27-28 January, 1995 at Dhaka.
- 38) School Life Tables, Bangladesh 1991: An Illustrative Study. Pp. 15. Paper read at the Fifth National Conference of the Bangladesh Statistical Association held on 27-28 January, 1995 at Dhaka.
- 39) Migration Status and Urban Fertility in Bangladesh: A Case Study of Chittagong City. Pp. VIII+83. Research report submitted to the Bangladesh University Grants Commission, Dhaka, 1977.
- 40) Aggregate Consumption Function. United States. Pp. 10. Term Paper for 18-337 Econometrics. Department of Political Economy. The Johns Hopkins University. Baltimore, 1978.
- 41) Estimation of Infant Mortality in Bangladesh: Problems and Prospects. Pp. 14. Term Paper for 30 A 224 National, Regional, and Urban Health Policy and Planning. Department of Health Care Organisation. School of Hygiene and Public Health. The Johns Hopkins University, Baltimore, 1979.
- 42) Female Labour Force Participation and Fertility Decisions of Married Women in Bangladesh. Pp. 30. Term Paper for 18-638. Econometrics. Department of Political Economy. The Johns Hopkins University, Baltimore, 1980.
- 43) Matin Khan. A and M. B. Rahman. A Basic Inventory Survey for the Rural Poor Program. Pp. VIII+61. Research report submitted to the Canadian International Development Agency (CIDA), Dhaka, 1985.

- 44) Conditions of Learning in Eight Selected UOE (IDA) Project School—An Illustrative Evaluation Study. Pp.VIII+90. Research Report submitted the UPE (IDA) Project. Ministry of Education, Dhaka, 1985.
- 45) Female Labour Force Participation and Fertility in Bangladesh 1981: Research Paper. Institute of Statistical Research and Training, University of Dhaka, Dhaka, 1985.
- 46) The Role of Female Labour Force Participation in Reducing Fertility in the Development Process: A Case Study of Dhaka City. Pp.X+105. Research report submitted to the Centre for Population Management and Research, Institute of Business Administration, University of Dhaka, 1986.
- 47) Prevalence of Morbidity and Disability Among Elderly Population of Bangladesh: 1994, 1995 and 1996; Socio-demographic Differentials of Dhaka, Dhaka, 1997.
5. **Mrs. Khadija Khatun**, Professor. M.S. (Statistics and Computer Science) USA, M.Sc. (Statistics) Dhaka, B.Sc. (Hons) in Statistics, D.U.

Publications:

- 1) Application of Digital Computer to the Analysis of Sample Survey Data, a short communication, Published in Dhaka University Studies; Vol. XXX, No.2, July 1982. Page 215-217.
- 2) Computerisation Aspects of the B.Ed. Program through Distance Education. Paper presented at the National Workshop on Distance Education, 1984. Published in the Proceedings of the Workshop. Page DLM70-DLM75.
- 3) Use of Statistics in Research; Published in the Proceedings of the Training Course on Research Methodology and Women's Issues; 1985. Organised by Women for Women, A Research, and Study Group. Page 39-45. Third Five Year Plan (1985-90) Education

Sector Document, 1985. Published by the Planning Cell, Ministry of Education. The Study was an input to the formulation of the Third Five-year Plan. Govt. of Bangladesh. Page 01-78.

- 4) Manual for Financing Education Projects Through Letters of Credit; Published by the Planning Cell, Ministry of Education, January, 1986. Page 01-08.
- 5) Cowdhury, S.A.; Hossain, Delwar; Khatun Khadija. Educational Development in Bangladesh 1981-85. Published jointly by Ministry of Education and UNESCO. March 1986. Page 6-73.
- 6) Identification of Key-parameters in Education and Data Monitoring; Paper presented at the Second National Statistical Conference, 1987, and Published in the Proceedings of the Conference. Page 49-54.
- 7) Study of Women's Status: A Multivariate Analysis. Published in the Third Islamic Countries Conference, 1992; ICCS Proceedings Vols. 1/2/3, 1993. (Page 97 of Souvenir).
- 8) Training Manual prepared for Project Implementation Unit of Female Secondary school Assistance Project, Ministry of Education, Govt. of Bangladesh. 1994.
- 9) Hamida Aktar Begum, Khadija Khatun and others; Women in Development: A Guide Book for Planners; Published by the Ministry of Women and Children's Affairs, Govt. of Bangladesh. 1994. Page 34-63.
- 10) Nurun Nahar Faizunnesa, Khadija Khatun and others; Case Study Report "Education of Women in Asia Project"; Published jointly by Asian Development Bank and WFW; 1994.
- 11) Syed Mahboob-E-Towheed and Khadija Khatun, ' The Role of Monitoring and Evaluation within the FSAP'. A Manual prepared for the use of PIU offices. Published by the Directorate of Secondary and Higher Education, Ministry of Education. Govt. of Bangladesh. July, 1994. Page 01-28.

- 12) 'Child Labour in Dhaka Metropolitan City'.
Published in the Journal of Social Science Review, Vol. XII, No. 2 (1995). University of Dhaka, 1995. Page 257-266.
- 13) Khadija Khatun et al ed., Women and Development: Related Statistics, (Bangla) Dhaka: Published by Women for Women- A Research and Study Group; March, 1995. Page 01-35, 104-127, and 147-176.
- 14) Violence in the Institution: Opinion of the students of the University of Chittagong; (Bangla). Published in Dhaka Biswabiddlay Patrica. Joint Issue 56, 57, 58. October 1996- June 1997, Page 201-223. Publication time- June 1998.
- 15) Educational Development in Bangladesh. Paper presented at the Fifth Islamic Countries Conference in Statistical Sciences, Brawijaya University, Malang, Indonesia. 24-31 August 1996. Published in the Proceedings of ICCS-V Vol. 2, 1996. Page ET3 to ET5.
- 16) Demographic Data of Bangladesh. Paper presented at the fifth Islamic Countries Conference in Statistical Sciences, Brawijaya University, Malang, Indonesia. 24-31 August 1996. Published in the Proceedings of ICCS-V Vol. 2, 1996. Page SS6 to SS8.
- 17) Khadija Khatun et al, Voting Behaviour of Women in Dhaka City and Some Selected Districts in Bangladesh. Published by Women for Women- A Research and Study Group. April 1997.
- 18) Socio-Economic and Demographic Conditions of the Women Engaged in Construction Work in Dhaka Metropolitan City. The Journal of Social Development. Year 11, Number 1, December 1996. ISWR, Dhaka University, Dhaka, Page 55-56. Publication time- June 1998.
- 19) Education and Empowerment of Women. Empowerment Journal. Year 2, Number 2. Women for Women – A Research and Study Group. November, 1998.

- 20) An application of Digital Computer to the Analysis of Sample Survey Data- The 1966 Iowa Outdoor Recreation survey, 1968. Unpublished M.S. Thesis.
- 21) Bio-Statistics- Its role and Utilisation in Medical Research, Paper presented at the Seminar on Comprehensive and Co-ordinated Biomedical Research Program, Arranged by the Bangladesh Medical Association, 1979.
- 22) Utilisation of Development funds Through Letters of Credit (1983-84), Computer Data of LC Monitoring System; Planning Cell, Ministry of Education; Position paper. March 1985.
- 23) Kahenee noy Mormaghatha; "Ekattarer Prachhad" Published by Women for Women; A Research and Study Group, 1987. Page 109 to 114.
- 24) A Study of Women Status- Multiple Regression Approach; A Project Report Submitted to the Course- Statics for Development Policy- SC14. Institute of Development Studies at the University of Sussex, UK. 1989.
- 25) Amader Chotto Mama-Ekti Anannaya Prativa. Dr. Syed Abdul Qadir Memorial Book. October 1989. Published by Mrs. S.R. Qadir. Flare Print. Page 147 to 153.
- 26) Development Information of the Activities of the Institute of Statistical Research and Training. Article Presented at the Regional Seminar on Development Information: Policies and Strategies; 26-27 July, 1990. Arranged by ADIPA.
- 27) The Changing World Community- Its Development Impacts in Asia and the Pacific- Paper prepared for ADIPA conference and presented at the Monthly Seminar of Women for Women- A Research and Study Group. November, 1991.
- 28) Annual Report of Monitoring and Evaluation Specialist, MTA Team. September., 1994. Position Paper.

- 29) Law and Women; As viewed in Bangladesh; (Bangla). Paper presented at the Seminar on 'Women in Development' jointly organised by Bangladesh Statistical Association and the Department of Statistics, university of Chittagong; 12 July 1996.
- 30) Role of NGOs in the Development of Women; (Bangla). Paper presented at the Seminar on 'Women in Development' jointly organised by Bangladesh Statistical Association and Department of Statistics, University of Chittagong; 12 July 1996.
6. **Mr. Muhammad Shuaib**, Assistant Professor.
M.Sc (Dhaka) Spec: Demography / Biostatistics
- 1) "Rapid Nutrition Assessment During Flood 1998, Coping Mechanism of the Inhabitants and Communities' Perceptions of Suitable Rehabilitation (Vol. I and II)" save the Children fund (UK), December, 1998 (Jointly with Dr. S. M. Moazzem Hossain).
 - 2) "Reducing diarrhoea and malnutrition Through WATSAN", Conference Pre-prints, 24TH WEDC Conference, Islamabad, Pakistan, 1998 (jointly with D. Bajracharya, M. Shahidullah, M. Mazharul Islam).
 - 3) "Estimating Childhood Mortality Trends from Routine Data: A Simulation Using the Preceding Birth Technique in Bangladesh" published in Demography Vol. 34, No.3 (August 1997). (Jointly with R. Bairagi and A. G. Hill).
 - 4) "A Not Quite as Quick but Much Cleaner Alternative to the EPI Cluster Survey Design" is published in the International Journal of Epidemiology, volume 25, no 1 (Jan/Feb 1996). (Jointly with A.G. Turner and R. J. Magnani)
 - 5) "A Rapid Survey for Goal Monitoring in Bangladesh" presented in 50th Session of International Statistical Institute, Beijing, 1995. (Bulletin of the ISI, contributed papers, Jointly with A. G. Turner).

- 6) "Preceding Birth Technique for Estimating Childhood Mortality. Some Experiments in Bangladesh" UNICEF, Dhaka, 1996.
- 7) "Progressive Estimation of Childhood Mortality: The Preceding Birth Technique (PBT) in Bangladesh" published by Harvard Centre for Population and Development Studies, Harvard School of Public Health, Working paper series no. 95.01, January, 1995 (Jointly with Dr. R. Bairagi and Allan G. Hill).
- 8) "Estimating Under Five Year Mortality - Use of Previous Birth Technique at EPI Sites in Bangladesh" UNICEF, Dhaka; Staff series: 3/1993.
- 9) "A Review of The Primary Data of Child Survival and Development Indicators Being Collected by Selected Agencies in Bangladesh", UNICEF Dhaka; Staff series: 4/1993.
- 10) "Characteristics of Breastfeeding Duration in Bangladesh" (jointly with Dr. Ataharul Islam) in Andrew Kantner (eds.) 'Bangladesh Contraceptive Prevalence Survey - 1985 Secondary Analysis' by Mitra and Associates, Dhaka, Bangladesh, August, 1988.
- 11) "An Odds Ratio Analysis of Factors Affecting the use of Contraception" (jointly with Dr. Ataharul Islam) Rural Demography, Vol. XIV, 1987.
- 12) "Shikhangane Santras Samparke Dhaka Vishwavidyalayer Chatra-chatrider Matamat (Opinion of Dhaka University students Regarding Campus Terrorism)", ISRT, Dhaka University, December, 1991.
- 13) "Shikhangane Santras: Ek Hajar Chatra-Chatrir Sakkhatkar (Campus Terrorism: Thousand Student's Interview)" in Bengali national weekly 'Saptahik Meghna' vol. 8, February, 1992.
- 14) "Computer Ki (What is Computer?)" published in Bengali science magazine 'Bijnan Bichitra' in February-March, 1987.

- 15)"Computer: Prakarbhed (Computer: Its Types)" published in Bijan Bichitra, April-July 1987.
 - 16)Situation of Tribal Children and Women in Bangladesh: Evidences from Multiple Indicator Cluster Survey-1994-98.
 - 17)Baseline Survey for ORT Communication Campaign, may, 1998.
 - 18)Multiple Indicator Cluster Survey – 1994-96: Secondary analysis, 1997.
 - 19)Baseline Study on Combined Service Delivery in Manikgonj District, 1995.
 - 20)Matlab In-depth Survey Consistency Checks Female in-depth (Form 77) (Note No. 10, jointly with Mehrab, Akbar, Phillips, Koenig)
 - 21)Instruction Manual for Interviewers (Form 78, Note No. 14, jointly with Mehrab, Akbar, Phillips, Koenig)
 - 22)Matlab In-depth Survey Coding Instruction (Form 78, Note No. 14, jointly with Mehrab, Akbar, Phillips, Koenig)
 - 23)Machine Editing Specification Range Checks (Form 78, jointly with Mehrab, Akbar, Phillips, Koenig).
7. **Mrs. Begum Zainab**, Assistant Professor, M.Sc (Dhaka).

Publications:

- 1) Ullah, S. and Zainab, B. (1995): "Rural-urban Differentials in the Use of Contraception in Bangladesh, A Multivariate Analysis". Journal of Gynecologic Technique, Vol. 1, No. 4, Los Angeles, USA, Pp. 207-212, December 1995.
- 2) Zainab, B, Sharmin S. and Islam, M.N. (1996): "Child Nutrition Status in Bangladesh: Prevalence and Correlates". The Dhaka University Journal of Biological Science, Vol. 5(1): Dhaka University, Dhaka, Pp.77-86, 1996 (January).

- 3) Ullah, S. and Zainab, B.: "Modern and Traditional Contraceptives Behaviour among Rural and Urban Women of Bangladesh: A Logistic Regression Analysis". Journal of Gynecologic Technique, Los Angels, USA, Vol. 5, No. 3, September, 1999.
- 4) Zainab, B, Sharmin S. and Islam, N. (1999): "Factors Affecting Utilisation of MCH Services in Bangladesh". The Journal of Family Welfare. Mumbai, India.

8. **Md. Amir Hossain**, Assistant Professor.
M.Sc. in Statistics (Dhaka).

Publications:

- 1) Estimation of the Trace of the Scale Matrix of the Mixture of Multivariate Normal Distributions. *Journal of Information and Optimisation Sciences*, Delhi 110009, India, Vol. 16, No. 3, Pp. 565-572.
- 2) Comparative Ecology of Jute in Relation to Environmental Factors, III. Growth of Two Cultivers of Jute (D 154 and CVL 1) at Different Photoperiods. *International Journal of Ecology and Environmental Science*, India, Vol. 21, Pp. 223-230.
- 3) Population and Poverty: Critical Policy Measures. *The Asian Economic Review*, India, Vol. XXXVII, No. 3, Pp. 507-518.
- 4) Effects of Storage on Physicochemical Characteristics of Soybean Oil. *Bangladesh Journal of Biochemistry*, Vol. 2, No. 1, Pp. 41-48.
- 5) Estimation of the Eigen Values of the Scale Matrix of the Class of Elliptical Distributions. *Statistica*, Bologna, Italy.
- 6) Estimation of the Scale Matrix of the Class of Elliptical Distribution, *Dhaka University Journal of Science*, Vol. 47, No.2, July 1999, Dhaka, Bangladesh.
9. **Mr. M. Shahid Ullah**, Assistant Professor.
M.Sc. in Statistics (Dhaka).

Publications:

- 1) Ullah, S. and Chakraborty, N. (1992): "Factors Affecting the Use of Contraception in Bangladesh: A Multivariate Analysis". M.Sc. Thesis in Demography, Department of Statistics, University of Dhaka, Dhaka 1000, Bangladesh, October 1992.
- 2) Ullah, S. and Chakraborty, N. (1993): "Factors Affecting the Use of Contraception in Bangladesh: A Multivariate Analysis". Asia-Pacific Population Journal, Economic and Social Commission for Asia and the Pacific (ESCAP) Bangkok, Thailand, Vol. 8. No. 3, Pp19-30, September 1993.
- 3) Ullah, S. and Chakraborty, N. (1994): "The Use of Modern and Traditional Methods of Fertility Control in Bangladesh, A Multivariate Analysis". The Journal of Contraception, Los-Angeles, USA, Vol. 50, No. 4, Pp 363-372, October 1994.
- 4) Ullah, S. and Chakraborty, N. (1994): "Access to Family Planning Workers Facilities Choice of Modern over Traditional Methods in Bangladesh (Digest form)" International Family Planning Perspectives, New York, Vol. 21, No. 2, Pp 86-87, June 1995.
- 5) Ullah, S. and Zainab, B. (1995): "Rural-Urban Differentials in the Use of Contraception in Bangladesh, A Multivariate Analysis". Journal of Gynecologic Technique, Vol. 1, No. 4, Los Angeles, USA, Pp. 207-212, December 1995.
- 6) Yusuf, H. Ullah, S. et al. (1994): "Current Status of Iodine-deficiency Disorders in Bangladesh". The Lancet, Vol. 343, Pp 1367-1368, May 1994.

- 7) Salamatullah, Q. Ullah, S. et al. (1994): "The National IDD Survey of Bangladesh-1993: Biochemical Iodine Deficiency in Individual Mauzas". Dhaka University Journal of Biological Science, Dhaka, Bangladesh, Vol. 3, No. 2, Pp 181-188, July 1994.
 - 8) Yusuf, H. K. M. Ullah, S. et al. (1994): "The National IDD Survey of Bangladesh-1993: Prevalence of Goitre in Individual Mauzas". Dhaka University Journal of Biological Science, Dhaka, Bangladesh, Vol. 3, No. 2, Pp 173-179, July 1994.
 - 9) Hasin, A. and Ullah, S. (1996): "Factors affecting Birth Weight in Poor Urban Population of Dhaka ". Dhaka University Journal of Biological Sciences, Dhaka, Bangladesh, Vol. 5, No. 1, Pp. 77-86, January 1996.
 - 10) Ullah, S. and Zainab, B.: "Modern and Traditional Contraceptives Behaviour among Rural and Urban Women of Bangladesh: A Logistic Regression Analysis". Journal of Gynecologic Technique, Los Angeles, USA, September, 1999.
 - 11) Ullah, S. and Chakraborty, N.: "Factors Affecting the Use of Contraception in Bangladesh, A Multivariate Analysis". 4th National Statistical Conference held on 18-19th December, 1992, Bangladesh Statistical Association, Dhaka, Bangladesh.
 - 12) Khan, M.S.H., Ullah, S. et.al.(1999): Factors Associated with Female Mortality in Matlab, Bangladesh. Institute of Statistical Research and Training (ISRT), University of Dhaka and International Centre for Diarrhoeal Disease Research (ICDDR,B), Dhaka, Bangladesh, March 1999.
10. **Mrs. Azmeri Khan**, Assistant Professor.
M.Sc. in Statistics.

Publications:

- 1) Syed Shahadat Hossain and Azmeri Khan (1994). Maximum Likelihood Estimation of

Variance Components of Heteroscedastic Random ANOVA model – Communication in Statistics – Theory & Methods. 23(9). Pp. 2449-2467.

2) Syed Shahadat Hossain and Azmeri Khan (1995). A Monte Carlo Study of REML Estimators of Variance Components of One Way Heteroscedastic Crossed Random Models – Bangladesh Journal of Scientific research. 13(1). Pp. 21-30.

11. **Mr. Shahadat Hossain**, Lecturer. M.Sc. in Statistics. Spec: Bio-Statistics.