

## BANGLADESH RURAL ADVANCEMENT COMMITTEE (BRAC)

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4. Head of the Organisation (Name and Designation) : Fazle Hasan Abed  
Executive Director
5. Objectives : BRAC is a private national Organisation for poverty alleviation and empowerment of the poor.
6. Recent Research Publication : **INTERNAL PUBLICATIONS :**  
Of the Organisation (1996-99)

### **Annual Report :**

- 1) BRAC Research 1998. May, 1999.

### **Watch Report**

- 2) Hadi A. Early marriage, bride price and the practice of dowry in Bangladesh Villages. Watch Report No. 35, April, 1998.
- 3) Hadi A. Fertility in Bangladesh villages : socio-economic and community differentials. Watch Report No. 36, November, 1998.

### **Research Monograph:**

- 4) Rafi M. The development organisation and constraints to development: BRAC experience with religious organisation in relation to human rights and legal education posters' 99. Research monograph series 13.

- 5) Rafi M, Ahmed SA, Hussain SMA, Haque MF, Dus TK. Small Groups and Performance of villages Organisations in Development Programme of BRAC.1999 (Research monograph series 14).
- 6) Ahmed SM, Ahmed HS(editors). Experience of deluge: flood 1999. 1999. (Research monograph 15).

### **Research Compendium**

- 7) Nirjash, Issue- 7, 1999 Sep.

### **EXTERNAL PUBLICATION**

- 8) Ahmed HS. Current status of scientific journals published in Bangladesh. J Scholarly Publication 1998 October.
- 9) Ahmed HS, Cliowdhury AMR, Khan MSI, and Ullah AKMA. Sustainability of scientific journals in the developing,, world with special reference to Bangladesh. J Applied Communications 1999 December.
- 10)Ahmed SM and Rafi M. NGOs and evaluation: the BRAC experience. World Bank
- 11)Ahmed SM, Chowdhury AMR, and Bhuiya A. Expanded programme on immunisation and nutrition of under-five children: experiences from Matlab, Bangladesh J Preventive Soc. Med 1998.
- 12)Ahmed SM, et al. Gender, socio-economic development and health seeking behaviour in Bangladesh. Soc. SCI Med.
- 13)Chowdhury AMR. Success with the DOTS strategy. Lancet 1999.
- 14)Chowdhury AMR, Choudhury RK, and Nath SR (Editors). Hope not complacency: state of primary education in Bangladesh 1999, overview of the main report. Dhaka: CAMPE and UPL, 1999.

- 15) Evans T, Adams AM, Mohammed R and Norris AH. Demystifying non- participation in microcredit: a population-based analysis. World Dev. 1999.
- 16) Gazi R, Goodburn L, Chowdhury AMR. Risk factors for prenatal deaths in rural Bangladesh. J Health Pop Developing Countries, 1999.
- 17) Hadi A. Child abuse among working children in rural Bangladesh: prevalence and determinants. Public Health.
- 18) Hadi A. Overseas migration and the well-being of those left behind in rural communities in Bangladesh. Asia-Pacific Pop J 1999.
- 19) Hadi A. A participatory approach to sanitation: experience of NGOs in Bangladesh. Health Policy Plan.
- 20) Hadi A. Prevalence and correlates of the risk of sexual violence within marriage in Bangladesh. J Interpersonal Violence.
- 21) Hyder SMZ. The prevalence of anaemia among males and females in a rural area of Bangladesh. South Asian J Nutr.
- 22) Kabir ZN, Szebehely M, Tishelman C, Chowdhury AMR, Hojer B, Winblad B. Ageing trends - making an invisible population visible: the elderly in Bangladesh. J Cross-cultural Gerontology. 1998.
- 23) Kamal FM, Hadi A, and Chowdhury AMR. Differentials of the immunisation programme in rural Bangladesh and the issue of user fee. Regional Health Forum 1999.
- 24) Nath SR. Health knowledge of rural Bangladeshi children: does BRAC's non-formal schools programme have any impact? Health Edu J 1999.

- 25)Nath SR. Level, pattern and socio-economic determinants of enrolment in formal schools of graduates of BRAC's education programme. *Perspectives in Edu* 1999.
- 26)Nath SR, Sylva K, and Grimes J. Raising basic education levels in rural Bangladesh: the impact of a non-formal education programme. *Int. Rev Edu* 1999.
- 27)Nath SR and Hadi A. Role of education in reducing child labour: evidence from rural Bangladesh. *J Biosoc SCI*.
- 28)Nickson RT, McArthur JM, Ravenscroft P, Burgess WG and Ahmed KM. Mechanism of arsenic release to groundwater, Bangladesh and West Bengal. *Applied Geochemistry* 1999.
- 29)Rafi M and Chowdhury AMR. BRAC experience with religious organisations in relation to human rights and legal education posters. *Dev Practice*.
- 30)Rahman S. Energy demand perspectives in Bangladesh (1992/93- 2019/20). *Bangladesh JAgri Econ*.
- 31)Rahman S. The impact of technological change on income distribution and poverty in Bangladesh agriculture: an empirical analysis. *J. Int Dev* 1999.
- 32)Rahman S. Women's employment in Bangladesh agriculture: composition, determinants and scope. *J Rural Stud*.
- 33)Rahman S and Thapa GB. Environmental impacts of technological change in Bangladesh agriculture: framers' perception and empirical evidence. *Outlook on Agri* 1999.
- 34)Rahman S and Routray JK. Technological change and women's participation in crop production in Bangladesh. *Gender, Technology Dev* 1998.

35) Streefland P, Chowdhury AMR., and Ramos, Jimenez P. Patterns of vaccination acceptance. Soc. SCI Med 1999.

**Books:**

36) Chowdhury AMR., Aziz KMA, and Bhuiya A (Editors). The 'near miracle' revisited: social science perspectives of the immunisation programme in Bangladesh. Amsterdam: Het Spinhuis Publishers, 1999.

37) Chowdhury AMR., Choudhury RK, and Nath SR (Editors). Hope not complacency: state of primary education in Bangladesh 1999. Dhaka: Campaign for Popular Education and University Press Ltd.

38) Ahmed D. Vegetable growers of BRAC and flood 1998: a case study of a village organisation in Gaibandha district. In: Ahmed SM and Ahmed HS (Editors). Experiences of deluge: flood 1998. Dhaka: BRAC, 1999.

7. On-going Research Projects :

**RDP-RELATED STUDIES** □

- 1) An assessment of bi-weekly collection system of RDP. - Dilruba Banu.
- 2) Contribution of BRAC to gross national product (GNP) of Bangladesh. - Debdulal Mallick.
- 3) Domestic violence against women: exploring impact of participation in NGO programme. - Amina Mahbub.
- 4) Early experiences of hybrid rice adoption in Bangladesh: a socioeconomic assessment. – AMM Husain and A Jannah.
- 5) Factors behind success: case studies of nine successful IGVGD participants. - Nusrat S Chowdhury.

- 6) Food insecurity in the context of Bangladesh. - Nusrat S Chowdhury.
- 7) Impact of RDP activities on household wellbeing: a case study on five VO presidents in Pirojpur. - Md. Abdul Alim □.
- 8) Impact of HRLS training on the livelihood of BRAC's - shebikas and VO members. - Shahnuj Akter and Natacha Stevanvic.
- 9) Reaching the poorest: identification of the poor, their problems and areas of intervention. - Shantana R Halder.
- 10) Study on deceased BRAC members. - AMR Chowdhury and M Showkat Gani.
- 11) Sustainability assessment of BRAC village organizations. - Mohammad Rafi and Shahnuj Akter.

#### **EDUCATION STUDIES**

- 12) Assessing operational status of BRAC pathagar. - Kaiser A Khan.
- 13) Assessment of basic competencies of BRAC school graduates of 1999 (part of a tracer study) - Samir R Nath .
- 14) Assessment of learning achievements of children completing five-year cycle of primary education in Bangladesh. - Samir R Nath.
- 15) A follow-up study of the former teachers of BRAC schools. - Kaiser A Khan.
- 16) Case Studies on classroom situation at Primary level. - Md. Altaf Hossain, Syeda Rumnaj Imam and Tanjina Rahman.
- 17) Developing an assessment instrument for evaluating learning achievements of terminal competencies. - Shaheen Akter.
- 18) Evaluating the textbooks (grade I to V) prepared by NCTB in terms of graded

attainable terminal competencies. - Md Abul Kulam.

- 19) Evaluation of the achievement of learners completing grade V from CLIP schools. - Md Abul Kalam and Shaheen Akter.
- 20) Impact assessment study of the BRAC Education Programme (IAS-BEP) (Proposed).
- 21) Tracing BRAC graduates in secondary schools: an assessment of the continuity and performance (Proposed).
- 22) Why boys score higher than girls in SAT: an analytical study of NFPE children (Proposed).

#### **HEALTH, POPULATION, AND NUTRITION STUDIES**

- 23) An ethnographic study on maternal schooling and caring practices in rural Bangladesh: an exploration of mediating mechanisms. - Pumima Menon.
- 24) Anaemia and iron deficiency among pregnant women. - Ziauddin Hyder, AMR Chowdhury, LA Persson and E-C Ekstrom.
- 25) Annual health check-up of VO members. - Shahaduzzaman.
- 26) Are the urban poor more vulnerable than their rural counter-parts: what can BRAC's urban programme do for them? - Sabina Faiz Rashid and shuhaduzzaman.
- 27) Assessing the impact of development programmes on fertility in Bangladesh villages. - Abdullahel Hadi.
- 28) Effects of NGO Forum supported programmes in changing people's knowledge attitudes and practice in safe water and sanitation. - Fazlul Karim, A Datta and AMR Chowdhury.

- 29) Daily iron supplementation during pregnancy. - E-C Ekstrom, Ziauddin Hyder, AMR Chowdhury, et al.
- 30) Nutritional knowledge and practices of the mothers mobilised by the BRAC-NFPE school girls in Muktagacha. - Rita Dos Roy and Ziauddin Hyder.
- 31) Patterns and risk factors of childhood morbidity in rural Bangladesh. - Abdullahel Hadi.
- 32) Promoting health knowledge through micro-credit programmes experience of BIRAC, Bangladesh. - Abdullahel Hadi.
- 33) Risky behaviour of adolescents in the context of conservative society. Hashima-e-Nasreen, Mushtaque Chowdhury, Abbas Bhuiya and Syed Masud Ahmed.
- 34) Role of traditional healers in controlling STDS: an innovative approach. Hashima-e-Nasreen, Mushtaque Chowdhury, Abbas Bhuiya and Syed Masud Ahmed.
- 35) Sexually transmitted diseases in Matlab: the need for comprehensive policy and action. - Hashima-e-Nasreen, Mushtaque Chowdhury, Abbas Bhuiya and Syed Masud Ahmed.
- 36) Socioeconomic development and human well-being: BPAC- ICDDR,B Joint Research Project at Matlab (Phase III: Repeat Survey, 1999). Syed Mastid Ahmed, Mushtaque Chowdhury, and Abbas Bhuiya.
- 37) Women's forum and Health: maternal knowledge and child immunization in BRAC villages, Bangladesh.- Abdullahel Hadi.

## ENVIRONMENTAL STUDIES

- 38) Action research on community- based arsenic mitigation programme - Md Mizanur Rahman, Md. Zabed Hussain and Ross Nickson
- 39) An analytical assessment of GPL kit for field level detection of arsenic in water. - Md. Zabed Hussain.
- 40) Passive sedimentation: a short term solution. - Helga Rainer.
- 41) Performance of Shafi filter in reducing arsenic content from water. - Md. Zabed Hossain.

8. Future Plan of Research :
- 1) What are the causes of low case detection and positivity rate in certain areas?
  - 2) Are all patients detected early?
  - 3) Why is the case fatality rate high in some areas?
  - 4) What are the main causes of being a defaulter?
  - 5) Can the patients afford the security money for treatment?
  - 6) What are the drug sensitivity rates?
  - 7) What are the rates of incidence, prevalence, mortality and risk of infection?
  - 8) Which forum is effective for education and social mobilisation?
  - 9) What is the illness behaviour?
  - 10) Why the rates of failure and relapse are high in some areas?

- 11) Can we reduce the programme cost?
- 12) Are all patients rehabilitated in the society?
- 13) Where the TB patients go after refusing treatment from BRAC?
- 14) What are the treatment results of referred patients?
- 15) Where the suspected patients go after having negative results of sputum tests?
- 16) What is the Status of Patients After Discharging from Treatment?
- 17) Can we compare the case detection and holding rates with other organisations?
- 18) Why the rate of female patient low in few areas?
- 19) What is the rate of asymptotic TB patients?
- 20) Rationality and working strategy of the programme?
- 21) Causes of not using tubewell water for all purposes. Is there any difference between programme and non-programme areas in this respect?
- 22) Is there any chance of water contamination due to non-pucca base of some tubewells?
- 23) Why government tubewells are not repaired on time?
- 24) Whether the iron-content of tubewell water induces gastric ulcer or arthritis?
- 25) Could we try to find out alternative source of safe water since the underground water level is going down?
- 26) Is there any significant difference in hand washing among the programme and non-programme population?

- 27) What are the reasons behind not using safe latrine in spite of having latrine in the household?
- 28) The process of getting slab latrines needs to be made easier?
- 29) KAP study needed on the use of tubewell water for all purposes and the use of safe latrine by all. Is there any gap in health education or communication and practice?
- 30) Having full awareness why people do not install safe latrines? Why children faeces are thought to be non-harmful?
- 31) Action research on safe latrine use, like Banaripara model was suggested?
- 32) Why we fail to identify all pregnancies on time?
- 33) Causes for not asking for TBA's help during delivery time.
- 34) Causes for not asking for TBA's help during delivery time.
- 35) How to increase contraceptive prevalence rate for males?
- 36) How to introduce reproductive health education to adolescent girls and boys?
- 37) How to increase social awareness regarding sexually transmitted diseases?
- 38) How to increase the quality of service delivery through SSs as depot holders?
- 39) Is there any qualitative change among the government service providers? If any whether it is temporary or long lasting?
- 40) A comparative study is needed between the WHDP and non-WHDP areas about antenatal care services and its sustainability.

- 41)Referral of productive tract infection cases and its outcome.
- 42)Could TBA training reduce post-lpartum morbidity?
- 43)How to ensure quality of services?
- 44)Perception attitude and practices of women and men about family planning (FP) method.
- 45)Knowledge and attitude of service providers about FP methods.
- 46)Barriers to use and continuation of FP methods.
- 47)Women's empowerment and reproductive outcome.
- 48)Health education and reproductive choice.
- 49)Pattern and determinants of induced abortion and its consequences.
- 50)Sexual behaviour.
- 51)Women's perception about reproductive health and reproductive tract infection.
- 52)Men's perception about women's reproduc-tive health.
- 53)Incidence's of infertility.
- 54)Women's perception about sterilisation.
- 55)Situation of cervical cancer in Bangladesh.
- 56)Religious leader's perception about Repro-ductive health.
- 57)Study on the present situation of UTI, uterine prolapsed, and vesica-vaginal fistula in Bangladesh.

- 58) How could we define women's empowerment in terms of economic, social cultural and reproductive health?
- 59) Adolescent/teen age pregnancy in villages.
- 60) Pregnancy beyond marriage and its consequence and related Morbidity.
- 61) Men's perception of men's reproductive health.
- 62) Why there are repeated attacks of pneumonia within short period after treatment?
- 63) What is the incidence of attack by pneumonia within and outside the programme area?
- 64) How much effective is the use of breath-time in assessing the severity of pneumonia?
- 65) Why ARI cases are found less in NTG than TG population?
- 66) Follow-up and outcome of referred cases.
- 67) Why the morbidity and mortality rates of pneumonia are high in children aged less than 6 months?
- 68) What is the impact of BRAC's ARI programme after 3 years of operation?
- 69) Effect of giving vitamin A capsules during ARI treatment?
- 70) Whether BRAC should initiate clinical trial on ARI?
- 71) Why all pregnancies are not identified on time? Is there any difference between pilot area and non-pilot area regarding the identification?

- 72) Why the rate of attendance in maternal waiting home is low?
- 73) Why all referred cases do not attend hospital for delivery?
- 74) Awareness of the family members about the care of pregnant mothers.
- 75) Effectiveness of antenatal cares in reducing delivery complications.
- 76) Can we get the same results only through education and without any antenatal care?
- 77) Is the community satisfied with the quality and range of BRAC services to the users?
- 78) Whether the pilot programme is strengthening the government programs?
- 79) Whether we should extend our care for only high risk mothers to all pregnant mothers? Can we say all deliveries are risky?
- 80) Impact of WHDP on maternal mortality reduction.
- 81) Relationship between maternal mortality and child survival.
- 82) Role of maternity waiting home in reducing mortality.
- 83) Changes in causes specific maternal death.
- 84) Factors responsible for genital tract infection during and after delivery.
- 85) Prevalence of diarrhoea during pregnancy, and treatment seeking behaviour and its outcome.

- 86) Perception of community people on goitre. Prevalence of iodised salt intake in rural areas. Does iodised salt contain expected volume of iodine?
- 87) Perception of community people about pre-ecliptic toxemia (PET), and treatment seeking behaviour during PET.
- 88) Incidence/prevalence of anaemia during pregnancy. Does health education decreases prevalence of anaemia during pregnancy?
- 89) Impact of iron supplementation in reducing anaemia during pregnancy?
- 90) Impact of food supplementation programme in reducing anaemia during pregnancy.
- 91) Rate and reasons for non-continuation of iron-folic acid intake during pregnancy.
- 92) Incidence/prevalence of hookworm infection during pregnancy.
- 93) KAP study on abortion and menstruation regulation (MR).
- 94) Incidence of induced abortion in rural community.
- 95) Who is the decision-maker for induced abortion?
- 96) Percentage of rural people seeking MR services.
- 97) Prevalence of uterine prolapsed in rural Bangladesh. What are the factors responsible for prolapsed?
- 98) What is the common treatment for prolapsed in the community? What are the social implications?
- 99) Community perception about maternal morbidity.

- 100) Impact of WHDP on maternal morbidity reduction.
- 101) Role of trained TBAs in reducing maternal morbidity.
- 102) Effect of risk screening ante-natal care on outcome of pregnancy.
- 103) Which approach is cost effective: early detection of problems or emergency obstetric care (EOC).
- 104) Decision making process in seeking EOC.
- 105) Role of traditional healers and trained TBA, in referring for EOC.
- 106) Outcome of referral cases for EOC.
- 107) Workload of women during pregnancy and puerperium.
- 108) Relationship between maternal morbidity and employment.
- 109) Impact of food supplementation on pregnancy outcome.
- 110) Reproductive tract infection and use of drug.
- 111) Perception about vesica vaginal fistula (VVF) and recto vaginal fistula (RVF) and their social consequences.
- 112) Factors influencing institutional delivery.
- 113) Husband's behaviour about subsequent pregnancy.
- 114) Post-partum diarrhoea.
- 115) Who takes decision on pregnancy and MR?

- 116) Why MR is done before insertion of IUD and why IUD is removed just after the insertion?
- 117) Unsafe abortion and related consequences.
- 118) Compare growth at the age of 5 months between normal babies and LBW babies.
- 119) Whether supplementation replaces the normal diet?
- 120) Whether the programme has brought about any change in the food habit of pregnant mothers?
- 121) Is there any impact of supplemented food on morbidity and mortality of primary and multi-gravida pregnancies?
- 122) Impact of adolescent supplementation and education on their pregnancies.
- 123) Change of behaviour in daily life.
- 124) Is there any change in the age of menarche due to nutritional supplementation?
- 125) Cost-effectiveness of the programme.
- 126) Causes of immunisation failure, particularly for measles and polio.
- 127) Whether the government EPI workers within the BRAC programme area are self motivated or motivated by BRAC?
- 128) Comparative studies between programme and non-programme areas regarding morbidity, immunity, and awareness of mothers.
- 129) How to reduce government dependency on NGOs?

- 130) Why timely vaccination is not always possible?
- 131) Surveillance validation.
- 132) Why the number of male acceptors is lower than the females? How to increase male involvement in family planning?
- 133) Why new couples do not want to use contraceptives? How to bring them under contraception coverage?
- 134) What are the indicators to ensure quality services?
- 135) Develop indicators to monitor whether BRAC has developed a system of effective partnership with government and the community?
- 136) Why government service providers are not interested in permanent sterilisation?
- 137) What are the determinants of TFR decline?
- 138) Decision-making process in contraceptive acceptance.
- 139) Baseline survey and situation analysis.
- 140) Impact of NFPE-AG programme on KAP regarding health and nutrition issues.
- 141) Effect of BRAC programs on adolescent health.
- 142) Morbidity pattern among adolescents.
- 143) Child rearing practice among adolescents girl.
- 144) Perceptive of adolescents regarding health problems and needs.

- 145) Effect of worming programme on health status of adolescents.
- 146) Effect of Good supplementation on nutritional status among adolescent girls.
- 147) Effect of home-gardening on nutritional blindness and nutritional status.
- 148) Knowledge amongst adolescent girls about nutrition value of foods and diets during disease, pregnancy and lactation.
- 149) Gender difference among adolescents regarding dietary practices
- 150) Nutritional status of adolescents.
- 151) Smoking and substance abuse among adolescents.
- 152) Sexual behaviour of adolescents including homosexuality.
- 153) Consequence of abortion adolescents.
- 154) Impact of health education among NFPE-AG.
- 155) Parents perception about adolescent's health.
- 156) Masturbation, education and pre-marital sex among adolescents.
- 157) Knowledge of contraception among adolescents.
- 158) Child rearing practice among NFPE-AG

**Quality of Care suggested by RED**

- 159) Research on quality of care issues in respect of each component of different Programs.

- 160) Focusing on pregnancy related care.
- 161) Socio-economic-cultural to be focussed to improve quality of care.
- 162) Quality of care issues in family planning facilitation programme.

#### **VO DEVELOPMENT AND CREDIT MANAGEMENT**

- 163) VO members perception of the aims, objectives and activities of BRAC.
- 164) What should be the framework of a self-sustained VO?
- 165) Why the non-members are not joining BRAC's VO's though eligible.
- 166) Developing VO federations and defining its activities for empowering the poor.
- 167) Comparative analysis of the economic development on the programme and Non-programme villages.
- 168) Participation of male members in the issue based meetings of the VO.

#### **SAVINGS AND CREDIT**

- 169) Determining loan ceilings on the basis of landholding, other assets and income.
- 170) Issues relating to assets and disbursement and repayment schedule loans.
- 171) Credit for small trading: How the VO. members are using and repaying it.
- 172) Members opinions on the savings system at VO's.

173) Examining the member's capabilities in the utilisation and repayment of loans amounting to Tk. 6,000 to Tk. 10,000.

174) Difference in the recovery rates of loans issued by different agencies in the areas where BRAC works.

### **EMPLOYMENT AND INCOME GENERATION (EIG)**

175) Use of capital and time in different EIG activities: A comparative analysis of their profitability based on these two indicators.

176) Areas and scope of employment of a VO member before and after joining RDP.

177) A comparison of the EIG activities run by the male and female members in terms of their buying new materials, marketing of the finished products, and control over the profit.

178) Implementation, technology development and productivity of the service charge system introduced in RDP.

179) Case studies of successful enterprises.

180) The status of VGD cardholder after two years of their participation in IGVGDP.

### **Poultry and Livestock**

181) Assessment of the influence of fodder on development of animal resources.

182) The impact of poultry programmes.

183) Influence of poultry programme on accumulation of savings.

**Sericulture:**

- 184) Demand and supply of silk yarn in Bangladesh.
- 185) Significance of the bush system of mulberry cultivation on productivity of leaves.
- 186) The Influence of temperature and humidity on different breeds of silk worms.

**Social Forestry.**

- 187) Selection of tree varieties for plantation in the homestead areas in different regions of Bangladesh.
- 188) Selection of saplings for raising in nurseries.

**Social Development. Gender-related.**

- 189) Do the female loan recipients enjoy an improved relationship in the family.
- 190) The monthly income and the expenditure of female loan recipients in different sectors and their freedom in using the profits.
- 191) Role of RDP in establishing the social rights of women.

**Health-related.**

- 192) Installation and use of sanitary latrine by VO members and its effect on morbidity.
- 193) Changes in the living condition of VO members after their participation in the health programme.
- 194) Empowerment of women on their choices related to reproduction.

- 195) Assessing the Knowledge, skills and attitude of VO members on health services.
- 196) A comparative analysis of socio-economic conditions of the members in different regions before and after joining the RDP.

#### **RDP Activities (General).**

- 197) The contributions of RDP in bringing about social and economic changes in different regions.
- 198) The contributions of RDP in bringing about social and economic changes in different regions.
- 199) How far RDP could achieve its objectives?
- 200) Changes in the family and social lives of VO members after participation in the Programme, and the contribution of the programme to such changes.
- 201) Phase-wise analysis of RDP activities.
- 202) Perception of the VO members and non-members about the role and effects of RDP.
- 203) Role of VOs in social development and empowerment of the members.

#### **RESEARCH ISSUES ON NFPE**

- 204) Dropout of NFPE students due to BRAC's internal reasons.
- 205) Reasons for dropout during first 3 months and after six months of enrolment.
- 206) Continued research on the causes of dropout of NFPE students.
- 207) Dropout rate of NFPE graduates studying in government schools.

- 208) Review of NFPE monitoring assessment of the learners done by Programme organisers.
- 209) Role of school management committee.
- 210) Studies on NFPE teacher's training and their moral.
- 211) Continuing education(Kishori Pathagar and Union Pathagar).
- 212) Baseline survey for "Interactive Radio Instruction".
- 213) Classroom environment of the NFPE schools.
- 214) Quality of education in NFPE schools.
- 215) Job analysis of NFPE field staff and teachers.
- 216) Perception of the community on further education beyond the three cycles of NFPE schools.

**Issues for quick studies suggested by NFPE**

- 217) Content analysis of textbooks of NFPE schools.
- 218) Reasons for shifting of learners from government schools to NFPE schools and from NFPE to government schools.
- 219) Effectiveness of teachers training on pedagogy.
- 220) Use of teachers' training on pedagogy in their classroom

9 Chief Researchers

- :
1. **FAZLUL KARIM**, Senior Research Epidemiologist, Master in Public Health, Spec: Primary Health CARE and Rural Development.

## **Publications:**

- 1) *Teaching ORT to Women: Individually or in Groups?* (co-author) Journal of Tropical Medicine and Hygiene (1988), 91: 283-287, London.
- 2) *Oral Dehydration Therapy: a Community Trial Comparative the Acceptability of Home Made Sucrose and Cereal-based Solutions* (co-author) Bulletin of the WHO (1991), 69 (2) 229-2314, Geneva.
- 3) *The Alternative Means for Treating Diarrhoea: ORT Knowledge Universal Throughout Bangladesh* (Co-author) Touch, Vol. IX no. 94, Mar. (1990), Dhaka.
- 4) *Growth Monitoring in the Context of a Primary Health Care Programme* (Co-author) Food and Nutrition Bulletin, Vol. 15, No. 3 September (1994) pp 192-199, United Nations University Press.
- 5) *Targeting the Poor: The Approach Value Any Difference in Health Service Utilisation* Grassroots (1995), Vol. V, no. XVII, pp 44-56, Dhaka.

2. **ISHRAT ARA**, Research Economist, MSS in Economics, MA in Gender Analysis in Development, Spec: Rural Development. Poverty, Participation, Women.

## **Publications:**

- 1) *Beacon of Hope: An Impact Assessment Study of BRAC's Rural Development Programme.*
- 2) *Main Findings Report of the RDP Impact Assessment Study.*
- 3) *The Impact of RDP in Gilanda Village.*

- 4) *The Impact of RDP Gurkhi Village.*
  - 5) *A Note on Providing VO Members' Access to Their Savings.*
3. **MD. ALTAF HOSSAIN**, Trainer, M.A. in Philosophy, Spec: PRA/RRA.

#### **Publications**

- 1) *Beacon of Hope an impact assessment of BRAC's Rural Development Programme-1996.*
  - 2) *UN of RRA in Identifying RDP Target Group: A Pilot Study in Lalmonirhat Sadar Area. 1995.*
4. **MD. NURUL AMIN**, MSS in Public Administration,

#### **Publications**

- 1) *Use of RRA in Identifying RDP Target Group: A Pilot Study in Lalmonirhat Saadar Area (Co-author) February, 1995, RED, BRAC.*
  - 2) *Poultry Training by Rural Woman: Case from Five Villages, October, 1994, BRAC*
  - 3) *Background of NFPE and PEOC Student and Their Performance, August, 1992, RED, BRAC.*
5. **MONIRA HASAN**, Senior Staff Economist, Master of Education (M.ED). Master of Social Science in Economics Bachelor of Social Science in Economics. Spec: Curriculum development.

#### **Publication:**

- 1) *Participatory Development and BRAC: Improving Basic Literacy for Disadvantaged Children. The Abstract of this Paper is forth coming in the World Bank Annual Report, in Washington D.C.*

2) *Women's Education and Religious Extremism : The Case of Bangladesh, UNESCO, Institute for Education (UIE) Report in 1996.*

3) *Does Primary Education Bring Any Change for Rural Women: Learning from BRAC Experience, UNESCO, Institute For Education (UIE) Report in 1996.*

**6. Dr. RUKHSANA GAZI**, Senior Medical Officer, RED, BRAC, MBBS, M. Sc. in Public Health, Spec: Health and Social Science Research.

**Publications:**

1) *Beliefs and Practices Regarding Delivery and Postpartum Maternal Morbidity in Rural Bangladesh (Co-author), Studies in Family Planning, vol. 26, No 1, 1995, 22-31.*

2) *An Investigation into the Nature and Determinants of Maternal Morbidity Relate to Delivery and Puerperium in Rural Bangladesh (Co-author), BRAC and LSHTM, 1994.*

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**7. Dr. RITA SEN**, Research Sociologist, Ph.D. (Sociology), Spec: Women's' Status, Institution Building.

**Publication:**

1) *Social Constraints for Working Women: Notes from a Rural Area of Jamalpur (1992).*

2) *Rapid Rural Appraisal of A BRAC Deep Tubewell.*

3) *System, Strategies and Behaviours: A Study of a Village in Jamalpur District (1994).*

4) *Need Assessment Study for Post Graduate Course on Development Leadership and Management (1995).*

8. **FIROZ MAHBOOB KAMAL**, Medical Officer, M.B.B.S., M.P.H. Spec: Health Policy and Administration.

**Publication:**

1) *Breast Feeding: Survival Issue of Millions* Tourch, Dhaka, 1994.

2) *Education System of Bangladesh: An Overview*, RED, BRAC, 1994.

3) *Family Planning in Integrated Rural Development*, RED, BRAC, 1993.

9. **Mr. SUNIL R. NATH**, Sr. Staff Statistician, M. Sc. Spec: Statistics, Education.

**Publication:**

1) *Basic Competencies of Children in Bangladesh: An Analysis of Rural/Urban Differential.* Pakistan Economic Review. Vol. XXXII (Summer, 1994) No. 1.

2) *Influence of Socio-economic Factors of Basic Competencies of Children in Bangladesh.* Journal of Biosocial Science (1996) 28, 15-24.

3) *Impact of BRAC Programme on Literacy and Enrolment of Children in School in Matlab.* Abstract Published in Programmes and Abstracts of Fifth Annual Scientific Conference ASCON V of the International Centre for Diarrhoeal Disease Research. Bangladesh (ICDDR'B) (1996), 29.

**10. MAHMUDA RAHMAN KHAN**, M. Sc. (Economics) , MA (Gender & Development), Spec: Gender & Development, Participatory Rural Appraisal (PRA).

**Publications:**

- 1) *Women Entrepreneurs in the Bangladesh Restaurant Business, Development Practice, Vol. 5, No. 3, 1995 Oxfam.*
- 2) *Accelerating the Process of Empowerment: The Case of A Poultry Program in Success Stories of Women in Agriculture, Proceedings of a National Workshop on Case Studies (co-author) BARC 1996.*

**11. S.M. ZIAUDDIN HYDER**, Senior Research Nutritionist Research & Evaluation Division BRAC, MPS-FNP (Masters of Professional Studies in Food and Nutrition Planning) from the University of Philippines. DAND (Post-Graduate Dip, In Applied Nutrition and Dietetics) from Dhaka University, Bangladesh. MBBS from Dhaka University, Spec: Food and Nutrition Planning and Research.

**Publications:**

- 1) *Nutrition Situation of Bangladesh During Bangla Fourteenth Century, Bangladesh Journal of Nutrition. INFS. (Co-author), 1994.*
- 2) *Nutritional Status of Children in Rural Bangladesh: Facts From BRAC's Growth Monitoring Program. Bangladesh Journal of Nutrition. (Co-author) NNC. 1994; 7 (2).*
- 3) *Nutrition Situation and Training Needs. Grassroots, ADAB, (Co-author), 1994; 3 (XIII).*

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- 5) *Perception of Women's Health and Illness by The Rural Men and Women.* FNP Newsletter. University of The Philippines at Los Banos. Philippines. (Co-author) December 1993.

**12. AMINA MAHBUB**, Staff Anthro-pologist, M.S.S. in Anthropology, Spec: Cultural Anthropology.

**Publication:**

- 1) *Perspective of Women about Their Own Illness.*
- 2) *A Qualitative Exploration of Some Baseline Issues in South Uddomdi, Matlab.*
- 3) *Annotation of Literature on Empowerment of The Poor.*
- 4) *Participatory Methods to Assess Change in Health and Women Lives.*

**13. HASSAN ZAMAN**, Senior Staff Economist, M. Sc. Economics (London School of Economics, UK), Spec: Economist.

**Publications:**

- 1) *Micro Credit Programs: Who Participates and What Dose It Matter?* (1996).
- 2) *A Standard of Living Index for Matlab* (1995).
- 3) *The Profitability of BRAC Financed Investments* (1995).
- 4) *Current Accounts for the Rural Poor: A Study of BRAC's Pilot Savings scheme:* (1994).

**14. MOHAMMAD RAFI**, Senior Research Sociologist, Ph.D. Spec: Sociology.

**Publication:**

- 1) *A Study of the Seasonal Variation in House Worked Income and Expenditure.*
- 2) *Barriers to Participation in BRAC RDP* (Accepted for Publication by or of the Herved University Journal).
- 3) *Validating the Rapid Rural Appraisal Health Restore Technique.*
- 4) *Human Right and Legal Educator Training Impact Assessment Study.*

**15. A.M.SHAHED HUSAIN**, M.Sc. (Economics).

**Publications:**

- 1) *The Profitability of BRAC Financed Projects: A Study of Seven Micro Enterprises in Matlab.* (In-house Report).
- 2) *Socio-economic Performance of BRAC's Deep Tubewell Programme* (In-house Report).

**16. GAZI MAHMUD HASSAN**, Economics.

**Publications:**

- 1) *A Note on Reasons for Dropout From BRAC's Matlab Village Organisations.*

**17. SAMIHA HUDA**, Young Researcher, M.S.S. International Relations; PGDPM Post Graduate; Diploma in Personal Management.

**Publications:**

- 1) *Involvement in Non-traditional Activities: The Implication for Women Empowerment* (Co-author).

- 2) *Risk Factors for Women-headed Households: What Makes Them Vulnerable?* (Co-author).
- 3) *Problems of Women Headed Households*(Co-author) .

**18. SABAH TARANNUM**, Staff Nutritionist, M.Sc. In Nutrition, Spec: Food & Nutrition.

**Publications:**

- 1) *Mineral and Trace Element Contents in Breast Milk of Bangladesh Mothers.* Journal of Biological Science, University of Dhaka Vol. 4 (2): 125-131, 1995 (July).
- 2) *Retinol and Alpha-tocopherol Contents in Breast Milk of Bangladesh Mothers.* Accepted for the Publication in The International Journal of Food Science and Nutrition 1995.

**19. SHAHEEN AKTER**, Staff Sociologist, MSc (Psychology). MED (Psy. & Guidance) Spec: Education & Psychology.

**Publication:**

- 1) *An Attitude Scale Towards Juvenile Delinquency for High School Children.* Joint Publication Bangladesh Psychological Studies.
- 2) *Development of Standardised Test for BRAC NPPE Schools (For Grade: 3).* Joint Publication BAFED.
- 3) *Academic Achievements of The NFPE Learners in BRAC School.*
- 4) *Feasibility Study on Revising Text Books in NFPE Schools of BRAC.*
- 5) *A Study on Selected Schools in Private and Public.*

**20. DR. FEROZA BEGUM**, Ph.D. in Psychology. Spec: Psychology & Education.

**21. DR. FEROZA BEGUM**, Senior Researcher (Education). Ph.D. Psychology 1992. M. Phil Psychology 1983. MSc Psychology 1975. B.A (Hons.) Psychology 1977. Spec: Psychology and Education.

**Publications:**

- 1) Co-autorof an article on the *Aspect of Nutrition, Development and Mother-Child Interaction* Published on 1978.
- 2) Published an Article on *Factors Related to Students' Attitudes Towards Education* in Indian Psychological Review, Vol. 2 8, No.6, September, 1983.
- 3) Co-autorof *Effect of Fathers' Absence on Child's Adjustment*, Dhaka University Studies, Part-E, (1): 55-61, (1988), January.
- 4) Published an article '*Factors Related to Students Attitudes Towards Women*' Bangladesh Psychological Studies, Vol. 1. No. 2, July 1991. Page 102-110.1991.
- 5) *Preliminary findings about NFPE Program at Mirzapur Sadar Area.* December, 1994.
- 6) *Urban NFPE Teachers and their Teaching Performance: a Case Study of Six Schools BRAC,* October, 1995.
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- 9) *A Study on Selected Schools in Private and Public BRAC,* August 1996.

**22. SHARMEIN MAHBUB**, Young  
Researcher, BSc in Public  
Administration.

**Publications:**

- 1) *Nutritional Surveillance at BRAC* (in house).
- 2) *Capacity Development Through Training: The Case of BRAC VO's* (in house).
- 3) *Training The VO Members: Current Status at Matlab RDP* (in house).

**23. HASAN SHAREEF AHMED**, Chiff,  
Editing And Publication, Research and  
Evaluation ,Division BRAC. M Com, LLB.  
Spec: Communication.

**Publications:**

- 1) Islam I, Ali MM, Ahmed HS, Chowdhury MA, *Directory of Asian Diarrhoeal Disease Scientists and Practitioners*. Dhaka: International Centre for Diarrhoeal Disease Research, Bangladesh, (Co-author), 1985. 167p.
- 2) *Rice-based Oral Dehydration*. J of Diarrhoeal Disease Research, (Co author) 1987; 5 (1): 1-6.
- 3) *Printing Technology: History and Development*. *Tathyamela* (Co-author), 1992 Oct-Dec; (1): 22-4.
- 4) *Publication of Science Journals in Bangladesh: Present Status and Future Prospect (abstract)*. In: Science, Culture and Communication for The 21st Century:
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- 7) *Research Issues 1995-1996: Results of The Three RED Workshops With HPP, RDP and NFPE. (Co-author), 1995 December. 18p.*
- 8) *RED Annual Report 1995. Dhaka: BRAC. April (Co-author), 1996. 58p.*

**24. SADIQUNNABI CHOUDHURY**, Masters of Social Science (MSS) Economics.

**Publications:**

- 1) *Socio Economic Performance of BRAC DTWs Program. Co-authored, November' 95.*

**25. DR. SHANIANA RANI HALDER**,  
Research Economist, Ph.D. in  
Economics, Spec: Economic Analysis.

**Publications:**

- 1) *The Trends of Economic Development in Bangladesh, (Abstracts) The National Seminar on Economic Studies, Kiev, Ukraine, 1992.*
- 2) *Forecasting in the System of State Planning in Bangladesh Economy, Kiev, Ukraine, 1992. (Synopsis of thesis).*
- 3) *The Experiences of Economic Reform in China and South-East Asia, Kiev Politics and Time, 1994.*
- 4) *Ukraine-south Asia-the Perspective of Socio-economic Development, Kiev, Politics and Time, 1994.*
- 5) *BRAC's Achievements in Generating Employment in the Rural Areas A Quantitative Study, 1995 (Unpublished).*
- 6) *Socio-economic Performance of BRAC Deep Tubewell Programme on the Rural Economy of Bangladesh, 1995 (Unpublished).*

**26. A.M.MUZZAM HUSAIN**, Research Specialist. Ph.D. in Agriculture Economics. Spec: Rural Development and Co-operatives.

**Publications:**

- 1) Husain A.M.M. and K.M.S.Kaiser, 1993: *"Sociological Aspects of Irrigated Crop Diversification", Irrigation Management for Crop Diversification in Bangladesh, The University Press Limited, Dhaka.*
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- 4) *"Sector Review: Agriculture and Minor Irrigation Sector", Environmental Management Training Project: Instructors' Manual, GBO/ADB, Dhaka.(co-author).*
- 5) *"Development and the Rural Women in Bangladesh: Issues and Strategies", in Challenges of rural Poverty by the Year 2010, Proceedings of the National Workshop of the Rural Science Network, Dhaka. (Co-author).*
- 6) *Challenges of Rural Poverty by the Year 2010, Proceedings of the National Workshop of the RSSN, Dhaka, (Co-author).*
- 7) *"An Assessment of Environmental Policies and Policy Implementation in Bangladesh" in Educating New Environmental Leadership for Asia, K. Hemmi and J.C. Cool (editors), Wineck International Institute for agricultural Development. Morrilton (Arkansas). PP-77-91.*

- 8) BRAC Research: *An Overview and Synthesis of Studies an RDP with Special Reference to Its Impact on Participant*, RED/BRAC, Dhaka. 1995.
- 9) "A Sociological Analysis of Irrigated Crop Diversification," in Corp diversification Findings From a Field Research Program, M.A.S. Mandal, and S.C. Datta.(Editors), University Press Limited, Dhaka. PP-123-134. 1995.

**27. NASIMA AKTER**, Environmental Analyst, Research and Evaluation, Division. MS in ERA (Environmental Risk Assessment for Tropical Ecosystems), Spec: Hydrobiology & Limnology.

**Publications:**

- 1) Addition to the list of desmoids of Bangladesh. The Dhaka University Studies (E), 7 (1): 95-99,1992 (January).
- 2) Study of the desmoids (Chlorophyta) from Cox's Bazar, Bangladesh. Bangladesh Journal of Botany, 12 (1): 43-51, 1992 (June).
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- 5) Water Quality of Chiang Mai Moat in 1994. Water and Development: Water is Life. The Thired Princes Chulabhorn Science Congress. Bangkok, Thailand, Water and Health: 0-21. December 11-15, 1995.

**28. SUHAILA H. KHAN**, Medical Officer,(Research) Research and Evaluation. Division. BRAC. MBBS (Dhaka), MPH (Harvard). Spec: Women's Health & Health Economics.

#### **Publications:**

- 1) The Nucleus of the BRAC Health Programme ; Access, April 1996.
- 2) The Cost of Free Health cares services for patients of public hospitals in Bangladesh Submitted.

**29. DEBDULAL MALLICK**, Economist. M.A. (Economics). Spec: Government Theory and Market Structure.

**30. MD. JAKARIYA**, Environmental Management Analyst Research and Evaluation Division, BRAC. MSc in Geography, Jahangir Nagar University. Spec: Environment.

#### **Publications:**

- 1) *Storage Facilities & Credit Program for Peasants: A Case Study of Bangladesh-Swiss Agricultural Project of Chirirbandar Thana*. Submitted for publication in the Journal of Bangladesh National Geographical Association, Dhaka.
- 2) *Flood Control and Environment: Experience and Alternatives*. A Joint Paper Prepared By Dr. Aminul Islam and Md. Jakariya. Submitted for publication in the Jahangir Nagar University Review, Journal of the Social Science Faculty.

**31. SHAMIM ARA BEGUM**, Field Researcher, Masters in Economics. Spec: Socio Economist.

#### **Publications:**

- 1) *Effects of BRAC's credit Programme on socio-economic Development of Rural Women: Case of Five Villages of Jamalpur District (Bangla) Unnayan Bitarka*, 1995 Sep; 14 (3); 29-42.