

CURRICULUM VITAE

Md. Anwar Hossen

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Farm Machinery and Postharvest Technology Division
Bangladesh Rice Research Institute (BRRI)
Gazipur-1701, Bangladesh and
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Personal details

Father's name: Late Md. Ruhul Amin
Mother's name: Mrs. Chalema Akther
Permanent address: Vill. Choratia, P.O.: Barial (PC-2410), Purbadhala, Netrakona
Date of birth: April 01, 1975
Gender: Male
Nationality: Bangladeshi
Marital status: Married

Education

PhD on farm mechanization-on going

Master of Science in Farm Power and Machinery (Ag. Engg.)

Bangladesh Agricultural University (BAU), Mymensingh

Duration: July 2000 to December 2001

Result: First Class (Grade A)

Bachelor of Science in Agricultural Engineering

Bangladesh Agricultural University (BAU), Mymensingh

Admission session: 1992-93, Passed in 1996 (Exam. held in 2000)

Result: First Class and stood 4th position.

Higher Secondary Certificate (Science group)

Netrakona Government College, Netrakona under Dhaka Board

Duration: From 1990 to 1992, Passed in 1992

Result: First Division.

Secondary School Certificate (Science group)

Hiranpur High School, Purbadhala, Netrakona under Dhaka Board

Duration: From 1988 to 1990, Passed in 1990

Result: Second division

Award received

Received Director General's Award from the Director General of Bangladesh Academy for Rural Development (BARD) for achieving first position in the 13th foundation training Course for NARS Scientists sponsored by Bangladesh Agricultural Research Council and organized by BARD, Comilla from January 15 to May 14, 2006.

Employment record

Senior Scientific Officer

Farm Machinery and Postharvest Technology Division of BRRI

Duration: From 12 January, 2011 to date

Scientific Officer

Farm Machinery and Postharvest Technology Division of BRRI
From 20 July, 2005 to 11 January, 2011 (5 years and 8 months)

Agricultural Engineer (Scientific Officer)

PAMP project of Farm Machinery and Postharvest Technology Division of BRRI
Duration: From 26 June, 2004 to 19 July, 2005 (1 year)

Field Engineer

REFPI Project of BAU/DFID and recruited by PROSHIKA. Worked with the NGO of PASA, Chunarughat, Habigonj, Worked with PASA (NGO), a partner organization of PROSHIKA.
Duration: From 01 December, 2001 to 30 September, 2003 (1 year and 9 months)

Research Assistant

A BAURES project, BAU, Mymensingh, project title: Appropriate and Efficient hand tools use in the farming system of Bangladesh
Duration: From 01 July, 2001 to 30 November, 2001 (05 months)

Research Assistant

A BAURES project, BAU, Mymensingh under the Ministry of Science & Technology. project title "Domestic roof rain water collection and its storage
Duration: From 01 July, 2000 to 30 June, 2001 (1 year)

Training received (In country)

Operation of laboratory equipment

Organized by FMTD project of FMPHT division, BRRI from 17-19 December, 2013 (3 days)

Experimental design, layout and statistical analysis

Organized by FMTD project of FMPHT division, BRRI from 22-24 December, 2013 (3 days)

On-farm research methodology for NARS scientists

Organized by BARI, Gazipur from 16-21 November, 2013 (6 days)

Engineering drawing and design of small equipment by AutoCAD tools

Organized by DDMISSRMT project, WMM division, BRRI from 15-18 September, 2013 (4 days)

Participation in the 53 convention of IEB

Organized by IEB from 12-16 January, 2012 (5 days)

Application of ICT in agriculture using GIS on ArcView & ArcGIS technology

Organized by BRRI, Gazipur from 11-15 December 2011

Research Methodology

Organized by GTI, Mymensingh and Sponsoring , BARC from 09-22 September 2011 (13 days)

Financial Management of SPGR sub-project

Organized by BRRI, Gazipur under the NATP, Phase-1 project, BARC from 20-21 April, 2011 (2 days)

Intellectual Property for Gov. Officials and Lecturers from Tertiary Institutions

Organized by WIPO in corporation with the department of patents, designs and trademarks of Bangladesh from 09-19 September, 2009 (10 days)

Training workshop on Biometry

Organized by IRRI-BRRI Jointly at BRRI, Gazipur dated 24 April, 2009 (1 day)

1-Month rice production training

Organized by BRRI from 27 July, 2008 to 25 August, 2008 (1 month)

Foundation Training Course for NARS Scientists

Organized by BARC-BARD, Comilla from 15 January, 2006 to 14 May, 2006 (04 months)

CAHD Program design, Implementation and Management (PDIM)-XVIII

Organized by CDD at Savar, Dhaka from 31 May, 2003 to 05 June, 2003 (6 days)

Safe motherhood, family planning & RTI/STD/HIV/AIDS

Organized by NIRAPAD-MA Project, CARE- Bangladesh from 20-25 September, 2002 (6 days)

Homestead Vegetable Production technology for the NGO'S

Organized by HKI Bangladesh, BARD Comilla from 16-20 June, 2002 (5 days)

Rice Production

Organized by AAS-PETRRRA, BRRI Gazipur from 05-10 January, 2002 (6 days)

Training received (Foreign)

Joint study on hand operated agricultural machinery

Organized by RDA (Korea)-KOICA jointly from 26 August 2012 to 25 October 2012 (60 days)

Technical training on workshop machinery

Organized by KOICA funded project implemented by BRRI from 26 May 2012 to 10 June 2012 (15 days)

Post Harvest Rice processing

Organized by JICA Program of the Govt. of Japan at the Ministry of Agriculture, Forestry and Fisheries and the Japan Grain Inspection Association (KOKKEN) from 06 September 2008 to 07 November 2008 (64 days)

Attended in Workshop

Conservation agriculture for smallholders in Asia and Africa

Regional conference organized by BAU, BRRI, BARI, BARC, CIMMYT, IDE, ACIAR, Murdoch University, PROVA from 7-11 December 2014 at BAU, Mymensingh, Bangladesh (5 days)

Reduction of Post-Harvest Agricultural Crops Losses

CIRDAP Auditorium, Dhaka at 23 November 2009 (1 day)

Agricultural Engineering Future Research Programmes-2009-2010 of NARS Institute

Planning workshop organized by BARC, Dhaka at 29 June 2009 (1 day)

Strengthening Agricultural Mechanization: Policies and Implementation Strategies

National workshop organized by BARC, Dhaka at 11 June 2007 (01 day)

Bridging the rice yield gap for food security

BRRI-DAE workshop organized by BRRI-DAE from 19-21 September, 2006 (03 days)

Sterility in Boro rice

National workshop organized by BRRI, Gazipur at 19 April, 2007 (01 day)

Computer literacy

Programming

QBasic Programming & Basic Programming

Package Program

MS-Access, MS Word, Power Point and Excel

Statistical program

MSTAT, SPSS, CropStat and Statistix10

Engineering Program

AutoCAD Engineering

Language & degree of Proficiency

Medium of instruction in Bachelor and Master's level was English

English reading-excellent, speaking-good and writing-good

Membership of professional societies

The Institution of Engineers, Bangladesh (M/21528)

Bangladesh Society of Agricultural Engineering (New: M-496)

Agriculturist Association of Bangladesh (AAB)

Bangladesh Rice Research Institute Scientist's Association (BRRISA)

Life Member of JICA Alumni Association, Bangladesh (Reg. 1485)

Technology developed

Developed as Principal Investigator

Design and development of an unpuddled rice transplanter

Design and Development of Dry and wet land weeder

Design and Development of USG applicator

Developed as Co-Investigator

Design and Development of flat bed batch dryer

Design and Development of power tiller operated leveler

Design and Development of foot print leveler for drum seeder

Design and Development of power hand reaper

Paper Published as principal author (National and international journal-11)

Hossen MA, Alam MA, Paul S and Hossain MA (2015). Modification and evaluation of a power weeder for Bangladesh condition. *Eco-friendly Agril. J.* 8(03): 37-46, 2015 (March)

Hossen MA, Islam MS, Rahman MA, Huda MD, Bhuyan MGK, Nath BC (2013). Design and Development of a manually operated urea super granule (USG) applicator. Published in the *Journal of Agricultural mechanization in Asia, Africa and Latin America (AMM)*. Vol.44, no.2, Spring 2013.

Hossen MA, Rahman MA, Bhuyain MGK, Sarkar TK and Alam MA (2013). Improvement of BRRRI USG applicator. Published in the *Journal of Agricultural Machinery and Bioresources Engineering*. Volume 6, No. 1&2, 2013. Pp.33-39.

Hossen MA, Hossain MM, Alam MM, Haque ME and Bell RW (2013). Performance evaluation of mechanical rice transplanter for Aman rice. Published in the *Journal of Agricultural Machinery and Bioresources Engineering*. Volume 6, No. 1&2, 2013. Pp.11-22.

Hossen MA, Islam MS, Huda MD, Bhuyan MGK, Nath BC (2010). Design and development of a weeder for both lowland and upland conditions. Published in the *Journal of Agricultural mechanization in Asia, Africa and Latin America (AMM)*. Vol.42, no.2, Spring 2011.

Hossen MA, Huda MD, Islam AKMS, Misbahuzzaman M and Siddique MAB (2010). Performance evaluations of different close drum thresher (CDT) comparing with manual threshing. *The Institution of Engineers, Bangladesh*. Vol., 38/AE Number 1, June, 2010.

Hossen MA, Nath BC, Raihan ATMZ, Haque MA and Islam MS (2010). Performance evaluation of the BRRRI developed wet and dry land weeder. *Intl. J. BioRes.* 8 (1):27-3, January, 2010

Hossen MA, Alam MJ, Mowla G, Kamruzzaman M, Nath BC (2008). Multipurpose use of RDA Developed low-

cost deep tube-well. Int. J. BioRes. 5(1):12-16, July 2008.

Hossen MA, Hussain MD, Haque MA, Ahiduzzaman M (2006). Present status of different water sources and potentiality of rain water as potable water: a study on some selected area in Bangladesh. J. Agric. Mach. Bioresour. Eng. 4 (1&2), 2006: 61-66.

Hossen MA, Mukul MHR, Islam SA, Dewan MMR (2006). Daily water requirement for drinking and cooking purposes of the rural people: A case study in Mymensingh district, Bangladesh. Int. J. BioRes. 1(2):22-25, August 2006.

Hossen MA, Huda MD, Dewan MMR, Islam SA, Sarkar TK (2006). Arsenic test and removal from tube-well water at control flow rate for drinking purpose. Int. J. Sustain. AgriL. Tech. 2(5): 26-30, July 2006. An on line Journal of "G-Science Implementation & Publication.

Published as co-author (National and international journal-24)

Dewan MMR, Mondal S, Islam MS, Mukul MHR and Hossen MA (2014). Study on correlation and path analysis of the yield contributing characters of different ash gourd accessions. Eco-friendly Agril. J. 7(01): 01-05, 2014 (January)

Islam AKMS, Rahman MA, Hossen MA, TH Ansari and Karmakar B (2013). Evaluation of mechanical rice transplanter in unpuddled transplanting of wet season rice in sandy loam soil. Published in the Journal of Agricultural Machinery and Bioresources Engineering. Volume 6, No. 1&2, 2013. Pp.59-67.

Sarkar TK, Awal MA, Ahiduzzaman M, Aktaruzzaman and Hossen MA (2012). Evaluation of husk feeded modified updraft gasifier. Eco-friendly Agril. J. 5(06): 61-68, June 2012.

Sarkar TK, Islam AKMS, Nath BC, Rahman MA, Hossen MA and Ferdous N (2012). Sensory evaluation of premium quality rice cv. BRRI dhan50. Eco-friendly Agril. J. 5(03): 26-28, March 2012.

Rahman A, Panigrahi S, Kushwaha RL, Alam MM, Bhuiyan MGK and Hossen MA (2011). Physio-chemical properties of compression molded fine flax fiber-reinforced composite. Eco-friendly Agril. J. 4 (06): 628-632, June 2011.

Islam AKMS, Ahiduzzaman M, Sarker RI and Hossen MA (2010). Potentials of rice husk fired power generation in Bangladesh: A case study. The Institution of Engineers, Bangladesh. Vol., 38/AE Number 2, December, 2010.

Uddin MJ, Islam MS, Jinat N, Misbahuzzaman and Hossen MA (2010). Study on opportunities and problems of agricultural machinery manufacturing workshops. Eco-friendly Agril. J. 3 (10): 473-479, October, 2010.

Bhuiyan MGK, Huda MD, Islam AKMS, Hossen MA and Islam MS (2010). Study the adoption status of Farm Machinery in Some selected sites of Bangladesh. Journal of Agricultural Engineering. The Institution of Engineers, Bangladesh. Vol., 38/AE Number 1, June, 2010.

Hossain ABM Zahid, Bhuiyan MGK, Hossen MA and Huda MD (2010). Development of a method for selecting two wheel drive tractor. Eco-friendly Agril. J. 3 (3): 154-158, March, 2010.

Islam SA, Dewan MMR, Mukul MHR, Hossen MA and Khatun F (2010). *In vitro* Regeneration of Anthurium andreanum cv. Nitta. Bangladesh J. Agril. Res. 35(2): 217-226, June 2010.

Nath BC, Hossen MA, Roy Devjit, Rahman MA and Hossain MA (2009). Design and construction of microlysimeters to determine evapotranspiration of rice. Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh. Vol. 36/AE, June, 2009.

Islam MS, Rahman SMM, Rahaman MA, Quasem MA, Huda MD, Islam AKMS, Ahiduzzaman M, Bhuiyan MGK, Hossen MA and Baqui MA. 2009. Mechanized Rice Cultivation in Bangladesh: Past Experiences and Future Potentials. In Agricultural mechanization in Asia, Africa and Latin America 2009 Vol. 40, No. 1 pp. 36-40.

Dewan MMR, Haque MA, Hossen MA, Islam SA and Mukul MHR (2009). Variability study of yield and yield contributing characters of forty-six ash gourd accessions. Eco-friendly Agril. J. 2(2):433-437, 2009 (February)

Sarker MRA, Islam SA, Akhand MAM, Dewan MMR and Hossen MA (2009). Influence of different rates of

nutrients and planting density on the yield of BRRI dhan44. Intl. BioRes. 6(1):7-11, January, 2009.

Nath BC, Satter MA, Hossen MA, Mowla MG, Islam MM (2008). Comparative study of belt pulley and tyre strip coupling systems for centrifugal pump. Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh. Vol. 35/AE, December, 2008.

Saha RC, Muhury N, Khair MA, Hossen MA and Nath BC (2008). Design and construction of a single acting Diaphragm pump for low lift irrigation. Eco-friendly Agril. J. 1(5): 264-269, 2008 (December).

Dewan MMR, Talukder MSA, Hossen MA, Sarker MRA, Islam SA (2008). A study on mustard seed quality in different storage containers. Eco-friendly Agril. J. 1(4): 198-201, 2008 (November).

Kamruzzaman M, Hossain MM, Hossen MA, Sarkar TK (2008). Performance study of rice husk briquette machine: A case study in Muktagacha of Mymensingh district, Bangladesh. Int. J. BioRes. 5(1):7-11, July 2008.

Alam MJ, Hossen MA, Nath BC, Mowla G, Bhuyan GK (2007). Performance evaluation of RDA developed low-cost deep tube well. Journal of Agricultural Engineering, The Institution of Engineers, Bangladesh. Vol. 33/AE, December, 2007: 43-49.

Mukul MHR, Debnath SK, Parveen S, Hossen MA and Islam MF (2007). Study on the Sorption and Retention Behaviour of Phosphorus in Soils. Int. J. Sustain. Agril. Tech 3(4):54-59, August, 2007.

Hossen MK, Dewan MR, Hossen MA, Mukul MHR and Islam SA (2007). Study the effect of crop establishment methods on the Agro Economic productivity of Aman rice. Intl. BioRes. 3(2):29-34, August, 2007.

Ahiduzzaman M, Baqui MA, Bhuiyan MGK, Rahman MA, Islam MS, Hossen MA (2006). Improvement of a Low-Cost Rice weeder. J. Agric. Mach. Bioresour. Eng. 4 (1&2), 2006: 75-79.

Hussain MD, Hossen MA, Haque MA, Islam MS (2001). Rainwater quality tests on G.I. sheet storage tank system. Progress. Agric. 12 (1&2): 193-197, 2001.

Hussain MD, Haque MA, Islam MS, Hossen MA, Islam MS (2001). Field trials on removal of arsenic from tubewell water for drinking purpose. Progress. Agric. 12 (1&2): 217-219, 2001.

Paper published in the conference proceedings-4

Hossen MA, Hossain MM, Alam MM, Haque ME and Bell RW (2014). Evaluation of a mechanical rice transplanter under minimum tillage unpuddled soil conditions. Paper published in the conference proceedings. Regional conference on conservation agriculture for smallholders in Asia and Africa. 7-11 December 2014, Mymensingh, Bangladesh. Pp. 10-12.

Hossen MA, Hossain MM, Haque, Bell RW and Rahman MA (2014). Optimization of seedling density as influenced by seed rate for mechanical transplanting. Paper published in the conference proceedings. Regional conference on conservation agriculture for smallholders in Asia and Africa. 7-11 December 2014, Mymensingh, Bangladesh. Pp. 48-49.

Hossen MA, Hossain MM, Alam MM, Haque ME and Bell RW (2014). Study on inundation periods of land for mechanical transplanting under minimum tillage unpuddled transplanting. Paper published in the conference proceedings. Regional conference on conservation agriculture for smallholders in Asia and Africa. 7-11 December 2014, Mymensingh, Bangladesh. Pp. 68-69.

Hossen MA, Hossain MM, Alam MM, Haque ME and Bell RW (2014). Development of the riding-type rice transplanter for unpuddled transplanting. Paper published in the conference proceedings. Regional conference on conservation agriculture for smallholders in Asia and Africa. 7-11 December 2014, Mymensingh, Bangladesh. Pp. 70-71.

Paper published in the workshop proceedings-2

Islam MS, Rahman SMM, Quasem MA, Huda MD, Islam AKMS, Ahiduzzaman M Bhuiyan MGK, Hossen MA (2006). Mechanized rice cultivation in Bangladesh: Past experiences and future potentials. Paper presented at the 21st BRRI-DAE workshop on 'Bridging the rice yield gap for food security'.

Islam MS, Rahman SMM, Quasem MA, Huda MD, Islam AKMS, Ahiduzzaman M, Bhuiyan MGK, Hossen

MA, Kamruzzaman M, Sarkar TK and Nath BC (2010). Resource conservation and Farm Mechanization for rice production. Paper prepared to present in the BRRI-DAE workshop, BRRI, Gazipur-1701.

Published bulletins as author and co-author-5

Rahman SMM, Huda MD, Islam AKMS, Bhuiyan MGK, Hossen MA, Nath BC, Kamruzzaman M, Paul S, Alam MA (2014). Hand book on Introduction of BRRI machinery and Technology, Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Rahman SMM, Islam AKMS, Hossen MA, Paul S (2014). Boucher on operational and maintenance techniques on BRRI developed rice-wheat power thresher under the FMTD project, Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Hossen MA, Islam MS, Huda MD, Rahman SMM, Sarkar TK and Alam MA (2013). Techniques of rice transplanter operation and troubleshooting, Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Rahaman MA, Nath BC, Hossen MA, Islam AKMS and Paul S (2011). Improved processing technology of long grain aromatic rice. Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Huda MD, Hossen MA and Islam MS (2011). Seedling raising techniques of rice mechanical rice transplanter. Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Hossen MA, Islam MS and Huda MD (2010). Brochure on BRRI USG Applicator under the project of “Development and validation of USG Applicator and Rice Transplanter. Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Islam M.S., Rahman SMM, Rahman MA, Huda MD, Quasem MA., Islam AKMS, Ahiduzzaman M, Bhuiyan MGK, Hossen MA, Kamruzzam M, Sarker TK and Nath BC (2009). Brochure on BRRI Farm Machinery and Technology. Farm Machinery and Post Harvest Technology Division, Bangladesh Rice Research institute, Gazipur, Bangladesh.

Published Popular article-3

Hossen MA (2009). Rice bran oil and its prospects in Bangladesh. Article published in “The Daily Bangladesh Observer” dated 26th June 2009, pp.5.

Hossen MA (2009). Rice grain nutrition and BRRI varieties. Article published in “The Daily Bangladesh Observer” dated 16th April 2009, pp.4.

Hossen MA (2009). Development of a weeder suitable for both lowland and upland conditions. Article published in “The Monthly Amar Khamar Amar Jibon” dated March 200

Paper presented in BRRI seminar-2

Design and development of a manually operated fertilizer (USG/UMG) applicator. Paper presented at the Thursday seminar at Bangladesh Rice Research Institute, Gazipur, on 25 February, 2010

Project completion report presentation in the Project completion workshop of development and validation of USG applicator and rice transplanter under PIU-BARC (NATP Phase -1), 04 May, 2014

Paper presented in Symposium-1

Hossen MA, Islam MS, Huda MD (2010). Development of a manually operated fertilizer (USG/UMG) applicator and its consequences on rice production. Paper presented in the Agriculture Symposium Campaign for Sustainable Rural Livelihoods (CSRL) 9-11 March 2010, National Press Club, Dhaka, Bangladesh

Book Review-1

Development Issue of Bangladesh-II. Edited by Ashraf Ali, Ruhul Kuddus and Syed Saad Andaleeb and Published by Mohiuddin Ahmed, The Univesity Press Limited, Red Crescent Building, 114 Motijheel C/A. Dhaka-100.

Research Report as Author-7

Annual project report on development of rice transplanter for unpuddled transplanting under the project of “Overcoming agronomic and mechanisation constraints to development and adoption of conservation agriculture in diversified rice-based cropping in Bangladesh” Team Leader - Conservation Agriculture Project and Murdoch University Australia and iDE Bangladesh, May 2013, April 2014 and April 2015.

Development and validation of USG applicator and rice transplanter (2013). A project completion report, Submitted to the PIU-BARC (NATP, Phase-1), BARC, Dhaka, Dated of report submission: December, 2013

Soyamilk and Curd preparation from different graded Soya- bean (2000). An undergraduate project report, submitted to the Department of Food Technology and Rural Industries, Bangladesh Agricultural University, Mymensingh.

Rainwater collection, Storage and Its Potentiality for Rural people (2001). An M.S. thesis, submitted to the Department of Farm Power and Machinery, Bangladesh Agricultural University, Mymensingh.

Popularizing BIRRI developed Agricultural Machinery to Augment Mechanized Rice Cultivation in Bangladesh (PAMP/GOB Fund) (2006). Compiled Annual Progress report of PAMP. Report submitted to Project Director, PAMP, FMPHT division, BIRRI, Gazipur.

Problems, Prospect and Potentility of Fisheries in the Rural Area. A report on own village study under 13th Foundation Training Course for NARS Scientists. Report submitted to the module in- charge of module 05, Joint Director, Agriculture and Environment Division, BARD, Comilla.

Arsenic problems of Bangladesh. A term paper preparation under 13th Foundation Training Course for NARS Scientists. Report submitted to the module in-charge of module 01. Director (Project) Agriculture and Environment Division, BARD, Comilla.

Research Report as co-Author-6

Utilization, Research and Extension of BIRRI Developed Agricultural Machinery for Sustainable Agriculture, Farm Machinery and Postharvest Technology Division, BIRRI, Paper presented in the mechanization workshop, dated 14 September, 2014

Domestic roof rain-water collection and its storage and distribution in rural areas of Bangladesh (2001). Final report of a Gov. funded project. Report submitted to Department of Farm Power Machinery, Bangladesh Agricultural University, Mymensingh.

Baseline survey in farm mechanization, Report #1, Dogori block, Gazipur sadar, Gazipur (2005). Report submitted to Project Director, PAMP, FMPHT division, BIRRI, Gazipur.

Popularizing BIRRI developed Agricultural Machinery to Augment Mechanized Rice Cultivation in Bangladesh (PAMP/GOB Fund) (2005). Annual Progress report of PAMP Regional Office, Gazipur Sadar, Gazipur. Report submitted to Project Director, PAMP, FMPHT division, BIRRI, Gazipur.

Popularizing BIRRI developed Agricultural Machinery to Augment Mechanized Rice Cultivation in Bangladesh (PAMP/GOB Fund) (2005). Quarterly Progress report of PAMP Regional Office, Bogra. Report submitted to Project Director, PAMP, FMPHT division, BIRRI, Gazipur.

Multipurpose use of low cost Deep-Tubewell project in Garmohasthan, Bogra. Report submitted to Course Director of the Attachment Programme with RDA, Bogra of the 13th Foundation Training Course for NARS Scientist at BARD, Comilla.

Paper reviewed-3

Title of the paper “Energy consumption pattern for rural household activities: A selected area of Mymensingh District” Code no.: IJBR 658, dated 14th November, 2010 International Journal of BioResearch.

Title of the paper “Effect of sowing time on Grass pea yield in the Southern region of Bangladesh” Code no.: IJBR 383, dated 05th February 2008. International Journal of BioResearch.

Title of the paper “Resource utilization under different cropping patterns in rice environment rain fed land in an area of Bangladesh” Code no.: IJBR 434, dated 24th May 2009. International Journal of BioResearch.

Radio program-3

Participation as Kathak on “BRRI USG Applicator”. Broadcast under the program of “Krishi Bisayak Karjakram”, dated 30th August, 2010, Radio Bangladesh, Sherebangla Nagar-1207.

Participation as Kathak on “Field performance of BRRI USG Applicator”. Broadcast under the program of “Krishi Bisayak Karjakram”, dated 19th May, 2010, Radio Bangladesh, Sherebangla Nagar-1207.

Participation as Kathak on “BRRI rice-wheat thresher (Model-3)”. Broadcast under the program of “Krishi Bisayak Karjakram”, dated 03rd July 2009, Radio Bangladesh, Sherebangla Nagar-1207.

Project Building and execution

Training on Operation, Repair and Maintenance of BRRI Farm Machinery - Executed as a Member of the project implementation committee

Development and validation of USG Applicator and Rice Transplanter- Executing as a Co-Investigator of the project

Training conducted-5

Total 10 nos farmers training was conducted under DUART project on seedling raising techniques for mechanical rice transplanter and repair and maintenance of rice transplanter during Aman 2011 season.

Total 08 nos Field demonstration cum informal training conducted as trainee in different places of Rangpur and Dinajpur during the season of Wheat (04 nos) and Boro (04 nos), 2009.

Total 08 nos Field demonstration cum informal training conducted as trainee in different places of Mymeunder and Gazipur during the season of Wheat (04 nos) and Boro (04 nos), 2008

Total 08 nos Field demonstration cum informal training conducted as trainee in different places of Rangpur, Thakurgaon and Dinajpur during the season of Wheat (04 nos) and Boro (04 nos), 2007

Total 04 nos Field demonstration cum informal training conducted as trainee in different places of Mymeunder during the season of Aman, 2005

Referees

Prof. Dr. Md. Mosharraf Hossain

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Dr Richard Bell

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