

**Resume
of
Dr. Md. Jamil Hasan**



Mailing address: Project Director (PD)
High yielding hybrid rice variety development through modernization
of Research
&
Principal Scientific Officer
Hybrid Rice Division
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Join at BRRI: April, 2006, as Senior Scientific Officer

Educational qualification:

Degree/Diploma/Certificate	Class/Grade/Division	University/Institute/Board	Year
PhD in Genetics & Plant Breeding	-	BAU, Mymensingh	2012
MS in Genetics and Plant Breeding	GPA 3.43	IPSA, Salna, Gazipur	1998
B. Sc. Ag	2 nd class	BAU, Mymensingh	1991 (held in 1995)
HSC (Science)	1 st division	Jessore	1987
SSC (Science)	1 st division	Jessore	1985
Post Graduate Certificate Course in Seed Technology	1 st class first	SAU, Dhaka	2006

Training received

In country		
SL. No.	Topics	Remarks
01	Workshop cum training in rice breeding and hybrid rice development, 21-24 March, 1999 at Bangladesh Rice Research Institute, Joydebpur, Gazipur	Satisfactory
02	Hybrid Rice Cultivation and Management Practices held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 28 February to 1 st March, 2001	Satisfactory
03	Hybrid Rice Cultivation and Seed Production Training held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 28 November to 3 rd December, 2001.	Satisfactory
04	Data Recording and Utilization of Hybrid Rice Breeding Nurseries held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 23 November to 26 November, 2002.	Satisfactory
05	Hybrid Seed Production in Maize held at Bangladesh Agricultural Research Institute, Joydebpur, Gazipur from April 20-21, 2004	Satisfactory

06	Insect Pest and Disease Management of Vegetable Crops held at Bangladesh Agricultural Research Institute, Joydebpur, Gazipur from April 24-26, 2004	Satisfactory
07	Insect Pest and Disease Management of Fruits Crops held at Bangladesh Agricultural Research Institute, Joydebpur, Gazipur from April 27-29, 2004.	Satisfactory
08	Theory and Practice of Molecular Breeding in Rice held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 26 January to 1 st February, 2012.	Satisfactory
09	Seed Quality Management held at Bangladesh Agricultural Research Council from January 28-30, 2013.	Satisfactory
10	Gene cloning and rice transformation held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 15 May to 24 May, 2013.	Satisfactory
11	Financial Management held at National Agriculture Training Academy (NATA), Gazipur from 23 November to 26 November, 2015.	Satisfactory
International		
01	Hybrid Rice Breeding and Seed Production at International Rice Research Institute, Philippines from March 19 to April 18, 2003.	Satisfactory
02	Rice Breeding Course at International Rice Research Institute, Philippines from October 5-20, 2010.	Satisfactory
03	International Training Course on “Genetic Theory of Hybrid Rice Breeding” held on April 25 to May 08, 2011 under UNESCAP Hybrid Rice Technology Extension Program at Bangladesh Rice Research Institute, Gazipur, Bangladesh	Satisfactory
04	International Training Course on “Integrated Techniques of Hybrid Rice seed Production” held on May 02 to May 20, 2011 under UNESCAP Hybrid Rice Technology Extension Program at Bangladesh Rice Research Institute, Gazipur, Bangladesh	Satisfactory
05	International Training Course on “Technology of Hybrid Rice Cultivation” held on May 11 to May 22, 2011 under UNESCAP Hybrid Rice Technology Extension Program at Bangladesh Rice Research Institute, Gazipur, Bangladesh	Satisfactory
06	Hybrid Rice Technology for Bangladesh at Longping Hi-Tech International Training Centre, Changsha, Hunan Province, China from June 5 to September 24, 2013.	Satisfactory
Workshop (National)		
01	First National Workshop on Research and Development of Hybrid Rice in Bangladesh held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 5-6 January, 2002.	
02	Nineteenth National Workshop on Rice Research and Extension in Bangladesh. Theme “Feeding the Extra Millions by 2025- Challenges for Rice Research and Extension in Bangladesh” held at Bangladesh Rice Research Institute, Joydebpur, Gazipur from 29-31 January, 2002.	
03	Twenty first BRRI-DAE Joint Workshop. Theme “Bridging the Rice Yield Gap for Food Security” held at Bangladesh Rice Research Institute, Research Institute, Joydebpur, Gazipur from 19-21 September, 2006.	
04	Workshop on Sterility in Boro Rice held at Bangladesh Rice	

	Research Institute, Joydebpur, Gazipur on 19 April, 2007.	
05	Workshop on “Strategies for Hybrid Rice Research and Seed Production for Food Self Sufficiency in Bangladesh” held at Bangladesh Rice Research Institute, Joydebpur, Gazipur on 22 June, 2010.	
06	Workshop on “Minimization of yield gap in rice” held at Bangladesh Rice Research Institute, Joydebpur, Gazipur on 27 December, 2012.	
07	‘Agricultural Machinery Technology Development and its dissemination” held at Bangladesh Rice Research Institute, Joydebpur, Gazipur on 4 April, 2013	
08	Workshop on “Design, Development, Modification and Introduction of Self-propelled Reaper and Mini-power Tiller to augment Crop Production” held at Bangladesh Rice Research Institute, Joydebpur, Gazipur on 23 December, 2013.	
09	Workshop on “Support for Establishing Seed Multiplication, Seed Processing and Seed Testing in Dashmina Seed Multiplication Center held at Circuit House, Barisal on 24-25 January 2014.	
10	National workshop on GHG Emissions from Rice Field: Finding Mitigation from Fertilizer Deep Placement and Alternate Wetting and Drying held at BIRRI on 26-27 August 2014.	
Workshop (International)		
01	Expert Consultation on “Hybrid Rice Development in Asia: Assessment of Limitations and Potential” held at Bangkok, Thailand on 2-3 July, 2014	

Computer Literacy: MS word, MS Excel, Power point

Language Proficiency: Good commend both in Bangla and English.

Membership: Krishibid Institution, Plant Breeding Society of Bangladesh, Bangladesh Rice Research Institute Scientists Association, Seed Technology Society of Bangladesh, Botanical Society of Bangladesh

Achievement: Played measure role for selecting BIRRI hybrid dhan1 from IRHON trials. Acted as main breeder for developing hybrid rice variety of BIRRI hybrid dhan2, BIRRI hybrid dhan3 and BIRRI hybrid dhan4 and its seed production package development. Development of several CMS lines and restorer lines adapted to Bangladesh conditions.

Principal activities as Principal Scientific Officer:

- Parental line (A, B & R line) development of hybrid rice
- CMS line multiplication and F₁ seed production of BIRRI released hybrids
- F₁ seed production of promising hybrids
- Nucleus seed production of A, B and R lines of released hybrids
- Supervise subordinate research activities
- Evaluation of experimental hybrids
- Monitoring overall activities of hybrid rice division and maintain all administrative work
- Report writing and presentation of overall hybrid rice experiments

List of Publications:

As a main author	
SL. No.	Authors & Titles
01	M.J. Hasan , M.G.Rasul, M.A.K. Mian, M. Hasanuzzaman and M.M.H. Chowdhury. Genetic Diversity of Yam (<i>Dioscorea sp</i>) Bangladesh J. Pl. Breed., Genet., 13(1): 7-11, 2000.
02	M.J. Hasan , A.Z.M.K.A.Chowdhury, M.U.Kulsum, M.M.H.Chowdhury and A. Bhattacharjee Yield performance and adaptability study of some sweet pepper (<i>Capsicum annuum</i> L) genotypes at Gazipur, Bangladesh. Intl.J.BioRes. 2(1):30-35, January 2007.
03	M.J. Hasan , Umma Kulsum, M.H. Rahman, M. Hazrat Ali and A.W. Julfiqar. Genetic variability of some cytoplasmic male sterile lines (CMS) of hybrid rice. Bangladesh J. Agril. Res. 36(2): 263-270, June 2011
04	M.J. Hasan , M.Z.Ullah, A.H.M.A Rahman, M.S.Rahman and S.B.Naseem. Determination of suitable row ratio and spacing for F ₁ seed production of commercial rice hybrid. Intl.J.BioRes. 8 (2): 74-78, February 2010.
05	M.J. Hasan , Umma Kulsum, M.H. Rahman, A. Akter and A.K.M. Shamsuddin. Multivariate analysis in pollen parent (restorer line) of hybrid rice (<i>Oryza sativa</i> L.) Bangladesh J.Pl. Breed.,Genet, 22 (2): 63-66 2009.
06	M.J. Hasan , Umma Kulsum, M.H. Rahman, A. Akter and M. K. Hossain. Characterization of floral traits of BRRRI developed component lines of hybrid rice. Bangladesh J. Pl. Breed.,Genet., 22(2) 47-50, 2009.
07	M.J. Hasan , Umma Kulsum, M.H. Rahman, A. Akter and S.H. Bulbul. Diversity studies of 32 maintainer lines of hybrid rice (<i>Oryza sativa</i> L.). Eco-friendly Agril.J. 3(3):150-153, March, 2010.
08	M.J. Hasan , MU Kulsum, N. Hoque, M. A. Miah and F.A.M.S. Azam. Genetic variability, correlation and path coefficient analysis in some restorer lines of hybrid rice (<i>Oryza sativa</i> L.). Eco-friendly Agril.J. 3(5): 222-226, 2010.
09	M.J. Hasan , A.Z.M.K.A.Chowdhury, N.Akbar, N. Hoque and M.M. Islam. Multivariate analysis in some genotypes of radish (<i>Raphanus sativus</i> L.).Eco-friendly Agril.J. 3(9): 423-425, 2010.
10	M.J. Hasan , M.U. Kulsum, A. Ansari, A.K. Paul and P.L. Biswas. Inheritance of fertility restoration involving wild abortive cytoplasmic male sterility system in rice (<i>Oryza sativa</i> L.) Bangladesh J.Pl. Breed.,Genet, 24 (1): 33-40, 2011.
11	M.J. Hasan , M.U. Kulsum, A. Akter, A.S.M. Masduzzaman and M.S.Ramesha. Genetic variability and character association for agronomic traits in hybrid rice (<i>Oryza sativa</i> L.) Bangladesh J.Pl. Breed.,Genet, 24 (1): 45-51, 2011.
12	M. J. Hasan , M. U. Kulsum, M. S. Hossain, M. M. Billah and A. Ansari. Genotype-location interaction of indica rice using AMMI Model. Bangladesh J. Pl. Breed. Genet., 24(2): 09-18, 2011
13	M. J. Hasan , Umma Kulsum, M.H. Rahman, M. M.H. Chowdhury and A.Z.M.K.A Chowdhury. Genetic diversity analysis of parental lines for hybrid rice development in rice (<i>Oryza sativa</i> L.). Bangladesh J. Agril. Res. 37(4): 617-624, December 2012.
14	M. J. Hasan , Umma Kulsum, L F Lipi, A. Akter and M. R. Islam. Genetic variability in parental lines of exotic rice hybrids. Bangladesh J. Agri. 37(2): 109-116, 2012.
15	M. J. Hasan , M. U. Kulsum, M.H. Rahman, M. Nur-E-Elahi and A. K. M. Shamsuddin. Genetic diversity among restorer lines of hybrid rice (<i>Oryza sativa</i> L.) for morpho-agronomic traits Bangladesh J. Pl. Breed. Genet., 25(2): 09-14, 2012

16	M. J. Hasan , U K Kulsum, L F Lipi and AKM Shamsuddin. Combining ability studies for developing new rice hybrids in Bangladesh. Bangladesh J. Bot. 42(2): 215-222, December 2013
17	M. J. Hasan , Umma Kulsum, L F Lipi, A. Akter and AKM Shamsuddin. Evaluation of maintainer and restorer lines for yield and yield contributing traits of rice (<i>Oryza sativa</i> L.). Bangladesh J. Agril. Res. 38(4): 553-562, December 2013.
18	M. J. Hasan , Umma Kulsum, MH Rahman, A. Akter and AKM Shamsuddin. Comparative study of floral characteristics in the component lines of hybrid rice (<i>Oryza sativa</i> L.). Bangladesh J. Bot. 43(1): 1-8, June 2014
19	M.J. Hasan , M.U. Kulsum , M.Z. Ullah , M. Manzur Hossain and M. Eleyash Mahmud. Genetic diversity of some chili (<i>Capsicum annum</i> L.) genotypes. Int. J. Agril. Res. Innov. & Tech. 4 (1): 32-35, June, 2014
20	M.J. Hasan , M.U. Kulsum, M.Z. Ullah, A.H.M.A. Rahman and M. Eleyash Mahmud. Combining ability analysis for yield and yield contributing traits in Tomato (<i>Solanum lycopersicum</i> L.) Ann. Bangladesh Agric. 18 (1): 27-36, 2014
21	M. J. Hasan , M H Rahman, A. Akter, M U Kulsum and A Islam. Assessment of appropriate GA ₃ rate and row ratio for better seed yield of a promising hybrid rice variety. Bangladesh Rice J. 19 (1): 57-61, June 2015
22	M. J. Hasan , Umma Kulsum, AKM Shamsuddin and M. S. Islam. Genetic diversity among maintainer lines of rice (<i>Oryza sativa</i> L.) based on cluster analysis. Bangladesh J. Pl. Breed. Genet., 28(1): 01-07, 2015
23	M. J. Hasan , M.U. Kulsum, M.H. Rahman, M.H. Ali and M. E. Mahmud. Genetic variability, correlation and path analysis for yield related traits in hybrid rice. Bangladesh J. Agri. 2013-2015, 38-40: 91-96
24	M. J. Hasan , M.U. Kulsum, E. Hossain and N. M. F. Rahman. Stability of hybrid rice genotypes for grain and maturity. Bangladesh J. Agril. Res. 43(1): 99-108, March 2018
25	M J Hasan , M U Kulsum, A K Paul, P L Biswas, M H Rahman, A Ansari, A Akter, L F Lipi, S J Mohiuddin and M Zahid-Al-Rafiq. Assessment of Variability for Floral Characteristics and Out-Crossing Rate in CMS Lines of Hybrid Rice. Bangladesh Rice J. 22 (2): 31-39, 2018.
26	Md JAMIL HASAN , M UMMA KULSUM, SHAIKH JAFAR MOHIUDDIN AND MD ZAHID-AL-RAFIQ. Genetic interrelationship among yield and its components in rice hybrids. Bangladesh J. Bot. 48(4):1207-1213, December 2019.
As a co-author	
01	M.M.H. Chowdhury, M.S. Karim, M.J. Hasan , D.B. Pandit and M.A.H.S. Jahan. Effect of straw mulch and irrigation level on yield and water use of indigenous potato. Bangladesh J. of Agril. Sci. 29(2):243-250, July, 2002.
02	M.A.H.S. Jahan, M.N. Islam, M.A. Rahman, F. Ahmed and M.J. Hasan . Studies on Weed Control Efficiency on Some Selected Herbicides in Wheat (<i>Triticum estivum</i>). J. agric. educ. technol. 5(1&2): 41-44, December 2002.
03	M.A. Hossain, A.M. Nurunnabi, M.J. Hasan , A.W. Julfikar and M.E. Hoque. Genetic Diversity in Some Maintainer and Restorer Lines of Rice (<i>Oryza sativa</i> L.). Intl.J.BioRes. 1(4):16-19, October 2006.
04	M.A. Hossain, A.M. Nurunnabi, M.J. Hasan , A.W. Julfikar and M.E. Hoque. Genetic Diversity in Some Maintainer and Restorer Lines of Rice (<i>Oryza sativa</i> L.). Intl.J.BioRes. 1(4):16-19, October 2006.
05	M.A. Hossain, A.M. Nurunnabi, M.J. Hasan , A.W. Julfikar and M.E. Hoque.

	Genetic Diversity in Some Maintainer and Restorer Lines of Rice (<i>Oryza sativa</i> L.). Intl.J.BioRes. 1(4):16-19, October 2006.
06	M.A. Hossain, A.M. Nurunnabi, M.J. Hasan , A.W. Julfikar and M.E. Hoque. Genetic Diversity in Some Maintainer and Restorer Lines of Rice (<i>Oryza sativa</i> L.). Intl.J.BioRes. 1(4):16-19, October 2006.
07	A. Bhattacharjee, L.Rahman, A.Z.M.K.A. Chowdhury, M.M.H. Chowdhury and M.J. Hasan . Studies on F ₂ and first backcross population of interspecies <i>Brassica</i> crosses. Int.J.Sustain. Crop Prod. 3(3): 1-5, May 2008.
08	M.H Rahman, MM Khatun, MU Kulsum and M.J. Hasan . Influence of transplanting time of cytoplasmic male sterile (CMS) line with respect to restorer line on hybrid rice seed production. Intl. J. Bio Res. 4(5):20-23, May 2008.
09	A.M. Nurunnabi, M.Wazuddin, N.Hoque, A.Bhattacharjee and M.J. Hasan . Characterization of CMS and their corresponding maintainer lines in hybrid rice. Int. J. Sustain. Agril. Tech. 4(5): 18-25, October 2008.
10	P S Biswas, M.J. Hassan and A W Julfikar. Combining ability and heterosis in panicle traits of rice hybrids involving cytoplasmic male sterility system. Bangladesh J. Pl. Breed, 21(2): 21-26, 2008.
11	S Gosal, M J hasan and P L Biswas. Genetic variability, correlation studies and path analysis of yield and yield contributing traits in irrigated hybrid rice. Intl. J. Bio Res. 6(2):20-24, February 2009.
12	A.K. Paul, M.K.Hossain, A. Akter, M.J.Hasan and P L Biswas. Combining ability effects and gene action for yield and its component traits in rice (<i>Oryza sativa</i> L.) Intl.J. BioRes 6(4): 9-13, April, 2009.
13	Kamal Hossain, A. Akter, A.K.Paul, M.J.Hasan and P L Biswas. Line x Tester analysis and gene action for agromorphological traits in rice (<i>Oryza sativa</i> L.) Eco-friendly Agril.J. 2(4): 531-536, April, 2009.
14	M.U. Kulsum, M.H. Ali, M.J. Hasan , M.H. Rahman and. A.W. Julfikar. Performance of some hybrid rice in local condition of Gazipur. Eco-friendly Agril.J. 2(6): 600-606, June, 2009.
15	A. Ansari, A.W. Julfikar, M.G. Rasul, M.J. Hasan , M.M. Rahman. Genetic parameter, correlation and path analysis for yield and yield related traits in some maintainer lines of hybrid rice (<i>Oryza sativa</i> L.). Eco-friendly Agril.J. 3(2): 89-95, February, 2010.
16	M.U. Kulsum, M.J. Hasan , K.M.Hossain, M.H. Rahman and. A.Akter. Floral characteristics of some CMS lines and their corresponding maintainer. Eco- friendly Agril. J. 3(3): 145-149, March, 2010.
17	M.H Rahman, M.H.Ali, M.M Khatun, M.J. Hasan and M.A. Monsur. Evaluation of some exotic advance hybrid rice lines with check varieties in Bangladesh condition. Eco-friendly Agril. J. 3(4): 214-217, April, 2010.
18	M.H. Rahman, M.H.Ali, M.J. Hasan , M.U. Kulsum and M.M Khatun. Out crossing rate in row ratio of restorer and CMS lines for hybrid rice seed production. Eco-friendly Agril. J. 3(5): 233-236, May, 2010.
19	M.U. Kulsum, M.J. Hasan , H. Begum, M.M. Billah and H. Rahman. Genetic diversity of some restorer lines for hybrid rice development. Bangladesh J. Agril. Res. 36(1): 21-28, March 2011
20	A. Akter, M. K. Hossain, M.J. Hasan , P.L. Biswas and M.H. Rahman. Genetic diversity in maintainer lines of hybrid rice. Bangladesh J. Pl. Breed.,Genet., 22(2) 13-18,2009.
21	M.Z. Ullah, M.J. Hasan , A.H.M.A. Rahman and A.I. Saki. Genetic variability,

	character association and path coefficient analysis in radish (<i>Raphanus sativa</i> L.). The Agriculturists 8(2): 22-27, 2010.
22	A. Akter, M.J. Hasan , H.Begum, M.U. Kulsum and M. K. Hossain. Combining ability analysis in rice (<i>Oryza sativa</i> L.). Bangladesh J. Pl. Breed.,Genet., 23(2) 07-13, 2010.
23	M.Z. Ullah, M.J. Hasan , A.I. Saki, A H M A Rahman and P L Biswas. Association of Correlation and Cause- effect Analysis among Morphological Traits in Chili (<i>Capsicum frutescens</i> L.). Intl.J. BioRes 10(6): 19-24, June, 2011.
24	M N Akbar, A U Sarker, M M H Chowdhury, A K Paul and M J Hasan . Effect of different sowing methods and nitrogen levels on the yield and yield contributing characters of Aus rice. Intl.J. BioRes 11(1): 29-33, July, 2011
25	AZMKA Chowdhury, Lutfur Rahman, M.M.H. Chowdhury, UK Kulsum and M.J. Hasan . Performance and genetic variability studies of 14 <i>Brassica napus</i> cultivars. Eco-friendly Agril. J. 5(10): 202-207, October, 2012
26	M.U. Kulsum, M.J. Hasan , A. A. Khan, M.Z. Ullah and A.H.M.A. Rahman. Genetic variability and path analysis in exotic hybrid rice genotypes. Ann. Bangladesh Agric. 15(1&2): 67-77, June & December 2011
27	M.U. Kulsum, M.J. Hasan , Anowara Akter, Hafizar Rahman and Priyalal Biswas. Genotype-environment interaction and stability analysis in hybrid rice: An application of additive main effects and multiplicative interaction. Bangladesh J. Bot. 42(1): 73-81, June 2013
28	M. Z. Ullah, M. J. Hasan , A. Z. M. K. A. Chowdhury, A. I. Saki and A. H. M. A. Rahman. Genetic variability and correlation in exotic cucumber varieties. Bangladesh J. Pl. Breed. Genet, 25(1): 17-23, 2012
29	M. Ali, M. A. Hossain, M J Hasan and M. E. Kabir. Identification of maintainer and restorer lines in local aromatic rice (<i>Oryza sativa</i> L.). Bangladesh J. Agril. Res. 39(1): 1-12, March 2014
30	Anowara Akter, M. Jamil Hasan , Umma Kulsum, M H Rahman, M Khatun and M R Islam. GGE biplot analysis for yield stability in Multi-environment trials of promising hybrid rice (<i>Oryza sativa</i> L.). Bangladesh Rice J.19 (1): 1-8, 2015
31	MU Kulsum, MJ Hasan , A. A. Khan, MN Haque M Shalim Uddin and KM Iftekharuddaula Effect of genotype-environment interaction on grain yield of exotic rice (<i>Oryza sativa</i> L.) hybrids. Bangladesh J. Bot. 44(4): 507-514, December 2015
32	M.U. Kulsum, M.J. Hasan , M.A. Siddique, F. Begum and Z. Akond. Genetic diversity in selected rice genotypes (<i>Oryza sativa</i> L.). Bangladesh J. Agri. 2013-2015, 38-40: 63-72
33	Anowara Akter, M. Jamil Hasan , M U Kulsum, M H Rahman, A K Paul, L F Lipi and Salma Akter. Genotype x Environment Interaction and Yield Stability Analysis in Hybrid Rice (<i>Oryza sativa</i> L.) By AMMI Biplot. Bangladesh Rice J.19 (2): 83-90, 2015
34	M Rafiqul Islam, MA Khaleque Mian, M Shamsheer Ali, MJ Hasan and MU Kulsum. Analysis of genetic purity of rice hybrids and their parental lines using microsatellite markers. Bangladesh J. Bot. 45(2): 397-404, June 2016
35	L F Lipi, M J Hassan , A Akter, P L Biswas, M U Kulsum, A Ansari and M Z Islam. Variability Assessment of Different Maintainer Lines for Hybrid Rice Development Based on Qualitative Traits. Bangladesh Rice J. 22 (2): 79-86, 2018.
36	M H Rahman, M J Hassan , M A Bari and M A Haque. Comparative Study on Seed Production Potentiality of Selected Rice (<i>Oryza sativa</i> L.) Hybrid Combinations. Bangladesh Rice J. 23(1): 13-20, 2019.

37	L F Lipi, M J Hassan , M U Kulsum, A. Akter, H. Rahman and S. Aktar. Test Hybrids (<i>Oryza sativa</i> L.) Evaluation for Yield and Yield Associated Traits Using Augmented Design. <i>Bangladesh J. Agri.</i> 2016-2018, 41-43: 41-48
38	MU Kulsum, KM Iftekharuddaula, M Hasan, MJ Hasan , A Amin, MG Rasul, MM Islam and MA Karim. Evaluation of submergence tolerant rice genotypes through agronomic traits. <i>Bangladesh J. Ecol.</i> 1(1):17-22, June 2019.
39	MU Kulsum, KM Iftekharuddaula, M Hasan, MJ Hasan , A Amin, MG Rasul, MM Islam and MA Karim. Estimation of genetic variability, correlation and path coefficient analysis for evaluation of submergence tolerant rice genotypes. <i>Bangladesh J. Ecol.</i> 1(1):35-41, June 2019.
40	Anowara Akter, M J Hassan , M A Latif, M U Kulsum, P L Biswas, M H Rahman, R R Majumder, L F Lipi, M R Quddus, F Akter and A Ara. Genetic Variability, Heritability, Correlation and Path Coefficient Studies for Yield and Yield Components of Some Promising Hybrids. <i>Bangladesh Rice J.</i> 23 (2): 27-34, 2019.
International	
01	A. Akter, M.J. Hasan , A.K. Paul, M.M. Motalib and M.K. Hossain. Selection of parent for improvement of restorer line in rice (<i>Oryza sativa</i> L.). <i>SAARC J. Agri.</i> , 7(2): 43-50, 2009.
02	M.Z. Ullah, M.K. Bashir, M.S.R. Bhuiyan, M. Khalequzzaman and M.J. Hasan . Interrelationship and Cause-effect Analysis among Morpho-physiological Traits in Boro Rice of Bangladesh. <i>International Journal of Plant Breeding and Genetics.</i> 5(3): 246-254, 2011.
03	M Z Ullah, M J Hasan , A H M A Rahman and A I Saki. Genetic variability, character association and path analysis in yard long bean. <i>SAARC J. Agri.</i> , 9 (2): 9-16, 2011.
04	M. J. Hasan , M. U. Kulsum, M. M. Hossain, Z. Akond and M. M. Rahman. Identification of stable and adaptable hybrid rice genotypes. <i>SAARC J. Agri.</i> , 12(2): 1-15, 2014.
05	Anowara Akter, Jamil Hasan M , Umma Kulsum M, Islam MR, Kamal Hossain and Mamunur Rahman M. AMMI Biplot Analysis for Stability of Grain Yield in Hybrid Rice (<i>Oryza sativa</i> L.). <i>Journal of Rice Research.</i> 2(2):126, 2014
06	M. J. Hasan , M. U. Kulsum and M. M. Rahman. Combining ability of different yield related characters in rice. <i>SAARC J. Agri.</i> , 12(2): 143-153, 2014.
07	M. Umma Kulsum, M. Jamil Hasan , Md. Ismail Hossain and Niaz Md. Farhat Rahman. Stability for BRRI developed promising hybrid rice for yield and its related traits. <i>J. Appl. Sci. & Agric.</i> , 9(1): 56-62, 2014
08	Md. Jamil Hasan , Umma Kulsum, Niaz Md. Farhat Rahman, Tonima Farhat and Md. Abubakar Siddique. Hybrid Rice Parental Lines Development Utilizing Different Rice Germplasms. <i>Advances in Environmental Biology</i> 9 (2): 24-29, January, 2015
09	M. J. Hasan , U. Kulsum, N.E. Elahi, A.K.M. Shamsuddin and M. M. Rahman. Inheritance of fertility restoration involving ID type cytoplasmic male sterility system in rice (<i>Oryza sativa</i> L.) using ten different restorer lines. <i>SAARC J. Agri.</i> , 13(1): 207-215, 2015.
10	MJ Hasan , MU Kulsum, Emran Hossain, M Manzur Hossain, M Mustafizur Rahman and Niaz M Farhat Rahman. Combining ability analysis for identifying elite parents for heterotic rice hybrids. <i>Academia Journal of Agricultural Research</i> , 3(5): 070-075, 2015.
11	M. Amir Hossain, M. A. Khaleque Mian, M. Golam Rasul, M. Jamil Hasan , M. Umma Kulsum and M. Abdul Karim. Genetic Variability in Floral Traits of CMS

	Lines and Their Relationship with Outcrossing in Rice. <i>Trop. Agr. Develop.</i> 60 (4): 236-241, 2016
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