

Resume of Md. Masud Rana

- a. **Full name, date of birth and age:** Dr. Md Masud Rana, 1987, 34
b. **Present position:** Senior Scientific Officer
c. **Institution:** Bangladesh Rice Research Institute, Regional Station, Rangpur
d. **Mailing Address:**
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E-mail: masudrana.brri@gmail.com, masud.agro@brri.gov.bd
e. **Educational Qualifications:**



Sl. No.	Degree obtained with year	Subject/Discipline	University
1.	Ph.D., 2019	Agriculture	Niigata University, Japan
2.	M.S., 2010	Agronomy	Bangladesh Agricultural University
3.	B.Sc. Ag. (Hons.), 2009	Agriculture	Bangladesh Agricultural University

- f. **Area of specialization:** Physiology of stress tolerance in rice

g. **Professional experience**

- Niigata University
Ph.D. research fellow | October 2106-September 2019
 - Speed breeding and Physiology of Abiotic Stress tolerance in rice
- Niigata University
Research Student | October 2015-September 2016
 - Physiology of Abiotic Stress tolerance in rice
- Bangladesh Rice Research Institute
Senior Scientific Officer | May 2018-till date
- Bangladesh Rice Research Institute
Scientific Officer | June 2012- April 2018
 - Physiology of rice seedling tolerance to cold
 - Yield maximization via Agronomic Management
- GMark Consulting Limited
Business Consultant | January 2011-May 2012
 - Vegetable Market Development through value chain approach

h. **Publications:**

- Total number of referred publications in national and international journals:** 21
- List five important publications with full reference:**

- Rana, M.M.**, Takamatsu, T., Baslam, M., Kaneko, K., Itoh, K., Harada, N., et al. (2019) Salt Tolerance Improvement in Rice through Efficient SNP Marker-Assisted Selection Coupled with Speed-Breeding. *Int J Mol Sci.* 20: 2585.
- Rana, M.M.**, Aycan, M., Takamatsu, T., and Kaneko, K. (2019) Optimized Nuclear Pellet Method for Extracting Next-Generation Sequencing Quality Genomic DNA from Fresh Leaf Tissue. *Methods Protoc.* 2: 54.
- Rana, M.M.**, Mamun, A. Al, Zahan, A., Ahmed, N., and Mridha, A.J. (2014a) Effect of Planting Methods on the Yield and Yield Attributes of Short Duration Aman Rice. *Am J Plant Sci.* 5: 251–255.
- Rana, M.M.**, Mamun, A. Al, Habibullah, M., and Sarkar, I.U. (2014b) Use of Gramoxone 20SL (Paraquat) Prior to Land Preparation in Controlling Aquatic Weeds in Wetland Areas of Bangladesh. *Am J Plant Sci.* 5: 358–363.
- Rana, M.M.**, Bhuiya, M.S., and Akhand, I.M. (2013) Effect of Intercropping of Sesbania rostrata with Transplant Aman Rice on Effect of Intercropping of Sesbania rostrata with Transplant Aman Rice on Yield and Profitability. *IOSR J Agric Vet Sci.* 2: 10–14.