

CURRICULUM VITAE OF MD. SOHEL RANA



JOB EXPERIENCE

- 1. Scientific Officer** (December 2018 – Present)
Horticulture Division,
Bangladesh Institute of Nuclear Agriculture (BINA)
Ministry of Agriculture, The People's Republic of Bangladesh
Major responsibilities:
 - Scientific direction to research and development on improving crop varieties using nuclear technique.
 - Developing adaptability of crops in different location within the country.
 - Setting of research findings to the generation of reports and publications
 - Discussion of research findings with senior scientists and collaborators.
 - Formulation of research proposal in the relevant project agenda.
- 2. Sector Specialist (Seed and Agro Enterprise)**, April 2015 – December 2018
Bangladesh Rural Advancement Committee (BRAC)
75 Mohakhali, Dhaka, Bangladesh
Major responsibilities:
 - Performing of adaptation trial of different crop varieties
 - Performing market analysis of rice, maize, vegetables, etc.
 - Doing data collection and report writing
 - Drafting and finalizing of project proposal
 - Generating innovative marketing technique
- 3. Research Assistance**, September 2012 – September 2013
British American Tobacco Company Limited
Dhaka, Bangladesh
Major responsibilities:
 - Performing soil Chemical and biological analysis
 - Gaining practical knowledge on aseptic handling of microorganism
 - Gathered various knowledge on soil health

AREA OF EXPERTISE AND SKILL

- Capability of Soil microbiological analysis and microbial population count.
- Practical knowledge on soil sample collection.
- Experience in adaption and extension of BINA released crop varieties and technologies among farmers.
- Skilled in adaptive trials of different newly developed rice, oilseeds, pulse and horticultural crops.
- Ability of effective communication with the scientific community, resource managers, stakeholders and the general public.

EDUCATIONAL QUALIFICATION

MSc in Soil Science (Agriculture) Bangladesh Agricultural University, Bangladesh (The list of the courses is mentioned in the Annex)	2014	CGPA-3.91 out of 4.0
BSc in Agriculture Bangladesh Agricultural University, Bangladesh (The list of the courses is mentioned in the Annex)	2012	CGPA-3.61 out of 4.0

PERSONAL INFORMATION

Name	:	Md. Sohel Rana
Designation	:	Scientific Officer
Organization	:	Bangladesh Institute of Nuclear Agriculture (BINA) BAU Campus, Mymensingh, Bangladesh.
Date of Birth	:	30 st May, 1989
Nationality	:	Bangladeshi
Address	:	BINA Sub Station, Rahmatpur, Barishal, Bangladesh.
E-mail	:	sohel.r@bina.gov.bd or sohelbauag@gmail.com
Phone number	:	+8801723005768

THESIS AND PUBLICATION

1. Changes in soil chemical and biological properties due to tobacco cultivation in some southern districts of Bangladesh. **MS Thesis** (Bangladesh Agricultural University, Bangladesh).
2. Md Babul Akter, Azad Mosab-Bin, Mohammad Kamruzzaman, Reflinur Reflinur, Nazmun Nahar, **Md Sohel Rana**, Md Imdadul Hoque, Md Shahidul Islam.2021. Morpho-molecular diversity study of rice cultivars in Bangladesh. Czech journal of genetics and plant breeding. DOI: <https://10.17221/69/2021-CJGPB>
3. Akter, M. B., Nahar, N., **Rana, M. S.**, Hasan, M. N. and Rayhan, M. B.2020 Nitrogen effect on the growth and yield contributing characters of Binadhan-19. *Asian Journal of Crop, Soil Science and Plant Nutrition*. Volume 04- Issue 01, pp. 157-164. DOI: <https://doi.org/10.18801/ajcsp.040220.20>
4. **Md. Sohel Rana**, Nazmun Nahar, Md Robiul Islam Akondo, Mohammed Abul Hashem. 2019.Changes in biological properties of soil due to tobacco cultivation in some southern districts of Bangladesh. *Journal of the Bangladesh Society for Agricultural Science and Technology*. Pages: 51-56, Vol. 19 (1 & 20), 2019

LANGUAGE PROFICIENCY

- Bangla: Mother tongue
- English: Proficient (IELTS: overall: 6, L-6.0, R-6.5, W-6.0, S-6.0)