



MD SAIDUR RAHMAN

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Summary

Experienced agricultural researcher and academic with over six years in teaching, research, and extension activities. Skilled in laboratory and crop management, data collection, biochemical analysis, and report writing. Strong communication and organisational skills, with leadership experience in community organisations. Proficient in Microsoft Office and technical troubleshooting. Self-motivated, reliable, and capable of working under pressure.

SKILLS AND ABILITIES

Communication and Organisational Skills

- Excellent verbal and written communication skills in English and Bangla.
- Strong organisational skills for handling departmental tasks.

Societal Skills

- Leadership roles in community organisations (President of Badhon, Vice-president of Leo Club International).

Technical Skills

- Proficient with Microsoft Office programs.
- Skilled in internet research, email communication, and troubleshooting.
- Efficient in using Statistix 10, SPSS, and R-package

Research and Analytical Skills

- Laboratory management.
- Crop management.
- Data collection and analysis.
- Biochemical analysis.
- Report writing.

Personal Abilities

- Self-motivated.
- Multi-tasking.
- Ability to work under pressure.
- Leadership qualities.
- Punctual.
- Teamwork and collaboration.

EDUCATION

Charles Darwin University | NT, Australia

Doctor of Philosophy (Ph.D.) (Ongoing)

07/2024 to till date

Sher-e-Bangla Agricultural University | Dhaka, Bangladesh

Master of Science in Agricultural Botany

12/2015

Sher-e-Bangla Agricultural University | Dhaka, Bangladesh

Bachelor of Science in Agriculture

12/2013

WORK EXPERIENCE

Sher-e-Bangla Agricultural University |
Dhaka, Bangladesh

Faculty Member

12/2018 - 05/2024

- **Teaching:** Delivered lectures and conducted practical sessions for undergraduate and postgraduate students in agricultural sciences.
- **Research:** Led and participated in various research projects, focusing on crop management, plant physiology, and agricultural biotechnology.
- **Extension Activities:** Engaged with the local farming community to disseminate research findings and provide training on modern agricultural practices.
- **Societal Activities:** Organised and participated in community outreach programs, promoting sustainable agriculture and environmental conservation.

- **Laboratory Management:** Oversaw the daily operations of the laboratory, ensuring all equipment was properly maintained and calibrated. Implemented safety protocols and procedures to maintain a safe working environment.
Managed inventory of laboratory supplies and ordered new materials as needed.
- **Crop Management:** Assisted in the planning and execution of field experiments, including the preparation of plots, planting, monitoring, and harvesting crops.
Applied various treatments to crops and monitored their growth and development.
Recorded observations and maintained detailed logs of experimental procedures and outcomes.
- **Data Collection:** Collected data from field and laboratory experiments, ensuring accuracy and consistency.
Utilised various tools and techniques for measuring plant growth, yield, and other relevant parameters.
Conducted surveys and interviews with farmers to gather additional data for research projects.
- **Biochemical Analysis:** Performed biochemical tests to analyse plant tissues and soil samples.
Used techniques such as chromatography, spectrophotometry, and enzyme assays to study plant physiology and responses to treatments.
Interpreted biochemical data to understand the effects of different variables on plant health and productivity.
- **Data Analysis:** Analysed experimental data using statistical software and methods.
Created graphs, charts, and tables to visualise data and identify trends.
Collaborated with senior researchers to interpret results and draw meaningful conclusions.
- **Final Report Writing:** Compiled and wrote detailed reports summarising research findings and methodologies.
Contributed to the preparation of manuscripts for publication in scientific journals.
Presented research results at conferences and seminars, both within the university and at external events.

References

- **Dr. Md. Moinul Haque**
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- **Dr. Kamrun Nahar**
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