

PERSONAL INFORMATION

Name: MD KAMAL UDDIN, PhD

Academic position: Associate Professor

Specialization: Environmental Soil Chemistry, Agronomy, Plant Science

Work address: Department of Land Management, Faculty of Agriculture, Universiti Putra Malaysia, 43400, Serdang, Selangor, Malaysia

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Australian Permanent Resident

Adjunct Faculty member: Charles Sturt University, Wagga Wagga, NSW 2650, Australia

EXECUTIVE SUMMARY

I received PhD in Agronomy from Universiti Putra Malaysia, Malaysia in 2010. I obtained my B. Sc. Degree in Agricultural Science in 1998 and MS in Soil Science in 2000 from Bangladesh Agricultural University, Bangladesh.

My current position is Associate Professor in the Department of Land Management, Faculty of Agriculture, Universiti Putra Malaysia since November, 2019. I have 22 years of teaching and research experience in Soil Science and Weed Science. I was engaged as a Scientific Officer at Bangladesh Rice Research Institute (BRRI) from June, 2001.

My current teaching courses are Fundamentals of Soil Science (SST3005) and Principle of Weed Science (AGR3102) at Bachelor level and Scientific Writing and Publication (SPS5904) at Postgraduate level. By this time, two MS and five PhD students was graduated under my direct supervision. Currently I am supervising 2 PhD and 2 MS students.

I have been involved in conducting 15 research projects (7 Leader and 8 co researchers) funded by Ministry of Higher Education, Malaysia, DFID (UK) and IRRI (Philippines), NATP (Bangladesh). Currently, my h-index is 25 with 2592 citations in Google Citations and 23 in SCOPUS. I have published 123 journal papers, 5 books, and 15 book chapters. Among them 112 articles in citation index journal, 11 in non-citation index journals. Recently I developed Key word, Sequence, Importance (KSI) model to write quality thesis and publication. It is the best model for quality thesis writing within minimum duration. I have received Excellence Service Award in 2017, 2018, 2019, 2020, 2021, 2022 and 2023 by Vice Chancellor, UPM for my innovative performance in teaching and research. I received silver and bronze medals for the research paper competition at UPM in 2010 and 2011.

Research area: Environmental Soil Chemistry, Soil management, Agronomy
Editor in Chief: Journal of Agricultural Science & Engineering Innovation (JASEI)
Guest Editor: Sustainability
Editorial member: Fundamental and Applied Agriculture

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QUALIFICATION:

Ph.D., 2010	Agronomy , Universiti Putra Malaysia, Malaysia, 2010	Awarded
M.S. 2002	Soil Science (Soil Fertility and Plant Nutrition), Bangladesh Agricultural University, Mymensingh, Bangladesh, 2000	Upper second Class (67%) B+
B.S. Ag, 1998	Agriculture (major subjects- Soil Science, Agronomy, Agricultural Economics, Agricultural Extension, Crop Science, Agricultural Chemistry, Horticulture, Entomology, Plant Pathology, Animal Husbandry), Bangladesh Agricultural University, 1998	Upper second Class (56%)
Higher Secondary Certificate 1990	Science (Mathematics, Physics, Chemistry, Biology)	First Division (72.4%)
Secondary School Certificate 1988	Science (Mathematics, Physics, Chemistry, Biology)	First Division 69.7%

Teaching experience in undergraduate levels and postgraduate levels, Faculty of Agriculture, Universiti Putra Malaysia

Session	Semester	Course title	Credit
2022/23	First	Scientific writing and Publication (SPS5904)	3
2022/23	First	Agriculture and life (PRT2009)	1+1
2021/22	second	Scientific writing and Publication (SPS5904)	3
2021/22	second	Scientific writing and Publication (SPS5904)	3
2021/22	second	Agriculture and life (PRT2009)	1+1
2021/22	second	Principle of Weed Science (AGR3102)	2+1
2021/22	First	Scientific writing and Publication (SPS5904)	3
2021/22	First	Agriculture and life (PRT2009)	1+1
2021/22	First	Agriculture and life (PRT2009)	1+1
2020/21	First	Scientific writing and Publication (SPS5904)	3
2020/21	Second	Scientific writing and Publication (SPS5904)	3
2020/21	First	Agriculture and life (PRT2009)	1+1
2019/20	Second	Scientific writing and Publication (SPS5904)	3
2019/20	Second	Principle of Weed Science (AGR3102)	2+1
2019/20	First	Scientific writing and Publication (SPS5904)	3
2019/20	First	Principle of Weed Science (AGR3102)	2+1

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2018/19	Second	Principle of Weed Science (AGR3102)	2+1
2018/19	Second	Scientific Writing and Publication (SPS5904)	3
2018/19	Second	Special Assignment (PRT5907)	4
2018/19	First	Fundamental of Soil Science (SST3005)	3
2018/19	First	Agriculture and Man (PRT2008)	2
2017/18	First	Agriculture and Man (PRT2008)	2
2017/18	First	Special Assignment (PRT5907)	4
2017/18	First	Special Assignment (PRT5907)	4
2017/18	First	Agriculture and Man (PRT2008)	2
2017/18	Second	Agriculture and Man (PRT2008)	2
2017/18	Second	Fundamental of Soil Science (SST3005)	3
2017/18	Second	Special Assignment (PRT5907)	4
2016/17	First	Fundamental of Soil Science (SST3005)	3
2016/17	First	Principle of Weed Science (AGR3102)	3
2016/17	First	Agriculture and Man (PRT2008)	2
2016/17	First	Special Assignment (PRT5907)	4
2016/17	First	Special Assignment (PRT5907)	4
2016/17	Second	Fundamental of Soil Science (SST3005)	3
2016/17	Second	Agriculture and Man (PRT2008)	2
2016/17	Second	Special Assignment (PRT5907)	4
2015/16	Second	Fundamental of Soil Science (SST3005)	3
2015/16	Second	Special Assignment (PRT5907)	4

***Teaching experience in undergraduate levels, Crop Production Program (Agronomy),
Faculty of Sustainable Agriculture, Sandakan campus Universiti Malaysia Sabah***

2014/15	First	Plantation Crops (RC30503)	3
2014/15	First	Controlled Environment Agriculture	2
2014/15	Second	Root Crops (RC30602)	3
214/15	Second	Turf Management (RH20603)	3
2015/16	First	Controlled Environment Agriculture	2

**Teaching experience (Teaching Assistant) in undergraduate levels for practical class,
Department of Crop Science, Faculty of Agriculture, Universiti Putra Malaysia**

Session	Semester	Course title	Credit
2007	First	Turfgrass Management (HRT 4601)	3
2008	Second	Turfgrass Management (HRT 4601)	3
2008	First	Turfgrass Management (HRT 4601)	3
		Landscape/Ornamental Horticulture (HRT 3006)	1
2009	First	Turfgrass Management (HRT 4601)	3
		Landscape/Ornamental Horticulture (HRT 3006)	1
2009	Second	Turfgrass Management (HRT 4601)	3

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		Landscape/Ornamental Horticulture (HRT 3006)	1
2010	First	Turfgrass Management (HRT 4601)	3
		Landscape/Ornamental Horticulture (HRT 3006)	1

Professional and Academic Experience

Associate Professor, 01 November, 2019 to till date	Associate Professor , Department of Land Management, Faculty of Agriculture, Univesiti Putra Malaysia
Senior Lecturer, 1 December, 2015 to October, 2019	Senior Lecturer , Department of Land Management, Faculty of Agriculture, Univesiti Putra Malaysia
14 August 2014- 30 November 2015	Senior Lecturer , Crop Production program (Agronomy), Faculty of Sustainable Agriculture, Sandakan campus Univesiti Malaysia Sabah
23 Jan 2013-14 August 2014	Research Fellow (Grade UDQ8/DS53, Institute of Tropical Agriculture, Universiti Putra Malaysia
23 Mar 2011- 22 Jan 2013	Post Doctoral Researcher , Institute of Tropical Agriculture, Universiti Putra Malaysia, Malaysia
1 July 2010- 22 March 2011	Research Assistant , Department of Crop Science, Faculty of Agriculture, Universiti Putra Malaysia, Malaysia
1 July 2008- 30 June 2010	Teaching Assistant , Department of Crop Science, Faculty of Agriculture, Universiti Putra Malaysia, Malaysia Course taught: Turfgrass Management -HRT 4601 Landscape/Ornamental Horticulture -HRT 3006
1 July 2001- 13 June 2007	Scientific Officer , Department of Soil Science, Bangladesh Rice Research Institute, Bangladesh

Awards and honors:

2021	Awarded Excellence Service by Vice chancellor, UPM
2020	Awarded Excellence Service by Vice chancellor, UPM
2019	Awarded Excellence Service by Vice chancellor, UPM
2018	Awarded Excellence Service (APC) for best Teaching and research Vice chancellor Award 2017, Faculty of Agriculture, UPM
2017	Awarded for Excellent Service 2016 by Vice chancellor, UPM
2011	Awarded a Bronze medal for journal paper competition Universiti Putra Malaysia Title: Growth response of eight tropical turfgrass species to salinity excellence service award

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- 2010** Awarded a *Silver medal* for journal paper competition, Universiti Putra Malaysia
 Title: Efficacy of ascorbate glutathione cycle for scavenging H₂O₂ in two contrasting rice genotypes during salinity stress
- 2007-2010** Awarded *Graduate Research Fellowship* for PhD by the ‘Ministry of Higher Education, Malaysia
- 2002** Awarded a *Foreign training* for Nutrient Management program by the ‘International Rice Research Institute’ Philippines
- 1991-1994** Awarded University *Merit Scholarship* - Bangladesh Agricultural University
- 1988-1989** Awarded Rajshahi Education Board *Merit college Scholarship*
- 1985** Awarded Rajshahi Education Board *Merit High school Scholarship*

Supervision (Thesis/Dissertation)

Summary of student supervision

Position	Ongoing			Graduated		
	PhD	MS	B.Sc.	PhD	MS	B.Sc.
Supervisor	2	2	3	5	2	14
Co-supervisor	3	0	0	3	1	0

Experience as an External Examiner of PhD and Master's Theses:

Thesis	No. of Students
PhD	15
Masters (with thesis)	8

1. Achievements / Awards:
2. Number of Publications:

Publication	Quantity
Journal	123
Book	5
Book chapter	15
H-Index (Scopus)	25
i-10-index	42
Seminar proceedings	26

Book:

1. Mehnaz Mosharrof, Uddin, M.K.; Sulaiman, M.F.; M. Sm Shamsuzzaman.; Shamim Mia, Haque, A.N.A.; 2024. Maize Production using Soil amendments, accepted, UPM press.
2. **Uddin, M. K.** Shamim Mia, Mahadhi Hasan, SM, Nurul Amin and Md Shahajahan (2023). Keywords Sequence Importance (KSI): A novel method for scientific writing, ISBN number: 978-978-796-182-7, Page 1-246, Ahamadu Bello University press ltd, Nigeria
3. **Uddin, M. K.** and A.S. Juraimi. (2012). Using sea water for weed magement in turfgrass, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, ISBN 978-3-8473-7389-6, p.1-251.
4. Su Ging Sham and **Uddin, MK.** (2018). Water regimes effect on growth and antioxidant content of purslane, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, ISBN 978-613-9-87336-4, p.1-42
5. **Uddin, M. K. A.S. Juraimi and MP Anwar.** (2020). Basic calculations in Agriculture Universiti Putra Malaysia Press, pp.1-189.
6. Titiana Imran Roslan and, Mehnaz Mosahrrof and **Uddin, MK.** (2021). Water regimes effect on growth and antioxidant content of purslane, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany, ISBN 978-620-4-72807-0, p.1-65

Book Chapters:

1. **Uddin, M. K.**, Md Ekhlasar Rahman, Muhammad Mahmudul Hasan, Mehnaz Mosharrof and Md Delwar Hossain, 2020. Fertilizer and nutrient requirement calculation for different crops, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp1-17
2. Mohammed Ariful Islam, **Uddin, M. K.** and Md Ekhlasar Rahman, 2020. Preparation and calculation of standard solutions, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp18-31
3. **Uddin, M. K.**, Ahmed Numery Ashraful Haque, Mohamad Ariful Islam and S.M. Shamsuzzaman, 2020. Soil reaction and soil salinity calculation, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp44-56
4. Rakiba Shultana, **Uddin, M. K.**, Muhammad Mahmudul Hasan, and Md Mahmudul Hasan Khan, 2020. Basic agronomic calculations associated with crop establishment and growth, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp85-93

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5. **Uddin, M. K.**, Rakiba Shultana, Abdul Shukor Juraimi,,Md Mahmudul Hasan and Md Parvez Anwar,2020. Analysing weed species composition and determining dominant species from weed survey data, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp94-104
6. Md Delwar Hossain, **Uddin, M. K.**, Md Parvez Anwar, Md Mahmudul Hasan and Md Mahmudul Hasan Khan, 2020. Calculation on herbicide application for different crops, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp105-110
7. Mohd Khairul Mazmi, Abdul Shukor Juraimi, **Uddin, M. K.** and Md. Mahmudul Hasan Khan, 2020. Pesticide and fungicide calculation, In Basic calculations in Agriculture, ed. Uddin et al Universiti Putra Malaysia press, Malaysia, ISBN 978-967-2395-87-4, pp113-128
8. A.S. Juraimi and **Uddin, M. K.** 2015. Uses of sea water with reduced herbicides to control salt tolerant weeds in recreational turf. In Recent Advances in Crop Science, Vol. II.ed. Wan Noordin et al. Universiti Putra Malaysia press, Malaysia, ISBN 978-967-344-257-7, Vol. II. Pp. 24-39.
9. A.S. Juraimi and **Uddin, M. K.** 2011. Suppressing weed using sea water in salt tolerant turfgrass species. In Recent Advances in Crop Science, Vol. 1.ed. Wan Noordin et al. Universiti Putra Malaysia, Malaysia press, ISBN 978-967-344-257-7, Vol. I. pp.234-245.
10. M. A. Saleque, **Uddin, M. K.**, M.A.Salam, S. Hafele and A.M. Ismail. 2010. Soil Characteristics of saline and non-saline deltas of Bangladesh. In Tropical deltas and costal zones, ed. Chu et al., USA. ISBN 978-1-84593-618-1, pp. 144-153.
11. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin, M. K.**, GB Gregorio and A.M. Ismail. (2010). Rice varieties and cultural management practices for high and sustained productivity in coastal wetlands of Southern Bangladesh. In Tropical deltas and costal zones, ed. Chu et al., USA. ISBN 978-1-84593-618-1, pp. 183-198.
12. **Uddin, M. K.**, Md. Mahadhi Hasan, Shamim Mia, Mehnaz Mosahrrof, Abdullahi Iliyasu, Mujeli Mustapha, Muhammad Safwan Ahamad Bustamam, and Mehnaz Mosahrrof, 2023. Insights into the Keyword Sequences Importance (KSI) Techniques in Thesis and Publications. Keywords Sequence Importance (KSI): A novel method for scientific writing. Keywords Sequence Importance (KSI): A novel technique for thesis and publication writing.
13. Md Mahadhi Hasan, Shamim Mia, **Uddin, M. K.**, Zaire Shah Safari, Md Imam Hossain, Muhammad Ziaur Rahman, Ahad Gul Khadim 2023. English for Thesis and Publication Writing .Keywords Sequence Importance (KSI): A novel method for scientific writing. English for Thesis and Publication Writing.

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14. Ahmad Numery Ashfaul Haque, Mehnaz Mosharrof, Saiful Islam, Razu Ahmed, Motmainna, Rakiba Shultana and **Uddin, M. K.**, 2023. Research Elements for Science and Social Science Research Keywords. Sequence Importance (KSI): A novel method for scientific writing. Research element for Science and Social Science research.
15. Md. Mahadhi Hasan, **Uddin, M. K.**, Mohammad Amdadul Haque, Mahmudul Hasan Khan, 2023. Reducing Plagiarism in Scholarly Writing: KSI Plagiarism Reducing Techniques .Keywords Sequence Importance (KSI): A novel method for scientific writing. Reducing Plagiarism in Scholarly Writing: KSI Plagiarism Reducing Techniques.
16. Shamim Mia, Sara Yeasmin Bristy, Keiji Jindo, Md. Nayem Hasan Munna, Mohammad Mahmudur Rahman, Kamal Uddin, Susilawati Binte Kasim, and M. Safiur Rahman, 2024. Potential Health Risks Associated with Biochar—From Production to Field Application, 293-304.

Publications:

2024

1. Muhammad Wasil Bin Abu Bakar, Md Kamal Uddin, Susilawati Kasim, Syaharudin Bin Zaibon, S.M. Shasuzzaman, Ahmad Numery Ashfaul Haque, 2024. Combined application of biochar and silicon fertilizer on soil properties and improve maize growth, Nature Environment and Pollution Technology, 23 (3).
2. Mingzhao Han , Susilawati Kasim, , Zhongming Yang , Xi Deng , Md Kamal Uddin , Noor Baity Saidi and Effyanti Mohd Shuib, 2024. Application of Polygonum minus Extract in Enhancing Drought Tolerance in Maize by Regulating Osmotic and Antioxidant System, Phyton-International Journal of Experimental Botany, Vol.93, No.2, pp. 213-226.
3. Mingzhao Han , Susilawati Kasim, , Zhongming Yang , Xi Deng , Md Kamal Uddin , Noor Baity Saidi and Effyanti Mohd Shuib, 2024. Identification of phytochemicals and mineral nutrients of selected Malaysian plant extracts and its effects on seed priming of maize, the Journal of Tropical Agricultural Science (accepted).
4. Mingzhao Han , Susilawati Kasim, , Zhongming Yang , Xi Deng , Md Kamal Uddin , Noor Baity Saidi and Effyanti Mohd Shuib, 2024. Evaluation of Foliar Application of Elusine indica Extract on Growth, Photosynthesis, and Osmoprotectant Contents in Maize under Drought Stress, the Journal of Tropical Agricultural Science (accepted).

2023

5. Razu Ahmed, Uddin, MK, MA motalib Hossain, Mohd Yusoff Samad and MA Quddus, 2023. Impact of Foliar Application of Zinc and Zinc Oxide Nanoparticles on Growth, Yield, Nutrient Uptake and Quality of Tomato, Horticulturae, 9, 162 (IF 2.92, Q1).
6. Bashar, H.K.; Juraimi, A.S.; Ahmad-Hamdani, M.S.; Uddin, M.K.; Asib, N.; Anwar, M.P.; Rahaman, F.; Karim, S.R.; Haque, M.A.; Berahim, Z.2023. Evaluation of Allelopathic Effects of Parthenium hysterophorus L. and Methanolic Extracts on Some Selected Plants and Weeds. PLOS ONE, 18, 0280159 (IF 3.75, Q1).

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7. Muhammad Wasil Bin Abu Bakar, Md Kamal Uddin, Susilawati Kasim, Syaharudin Bin Zaibon, S.M. Shasuzzaman, Ahmad Numery Ashfaquul Haque, 2024 Biochar and Silicon for Sustainable Agriculture in Acid Soil- Nutrient Dynamics and Maize Production: A Review, *Agricultural reviews*, 260.
8. Ahmed Abubakar, Mohd Yusoff Ishak, Aisyah Abu Bakar, Mohd Kamal Uddin, 2023. Geospatial mapping and biophysical analysis of factors that affect oil palm (*Elaeis guineensis*) yields in Peninsular Malaysia, *Journal of Agro meteorology*, 25 (1): 128 – 133, (IF 0.55, Q4)
9. Hachib Mohammad Tusar, Md. Kamal Uddin, Shamim Mia, Samsuri Bin Abd. Wahid, Susilawati Kasim ,Md. Zahangir Alam , Nur Asrina Sairi,2023. Managing Soil Acidity with Biochar - A Review: Sustainability, 15, 18: 1-16
10. Ahmed Abubakar, Susilawati Kasim², Mohd Yusoff Ishak, Md Kamal Uddin, 2023. Maximizing Oil Palm Yield: Innovative Replanting Strategies for Sustainable Productivity, *Journal of Environmental & Earth Sciences | 5 (2): 61-75.*
11. Maizathey Farizza Mohd Nasir, Md. Kamal Uddin, Mohd Salleh Kamarudin, Muhammad Fadhil Syukri Ismail, Arina Shairah Bt Abdul Sukor and A. Abubakar. 2023. Preparation and Characterization of Slow-Release Zinc and Iron Fertilizer Encapsulated by Palm Stearin, *Nature Environment and Pollution Technology*, 22(3)1311-1318.
12. Mehnaz Mosharrof, Siti Hasma,Uddin, M.K.; M. Sm Shamsuzzaman.; Mahmudul Hasan, Islam, MR, Ahmed Abu Bakar, Nasir Adam, AMB Sharif Hossain. Effect of rice husk biochar on yield and nutrient uptake of leafy vegetables: A review. *Journal of fisheries Science*, 9(1) 260-272.
13. **Abubakar, A.**, Mohd, I., Kamal, U., Zangina, S., Ahmad, H., and Danhassan, S. (2023). Impact of climate change and adaptations for cultivation of millets in Central Sahel: A review. *Environmental sustainability*, 6(4):441 - 454

2022

14. Bashar, H.K.; Juraimi, A.S.; Ahmad-Hamdani, M.S.; Uddin, M.K.; Asib, N.; Anwar, M.P.; Rahaman, F.; Karim, S.R.; Haque, M.A.; Berahim, Z.2022. Determination and quantification of phytochemicals from the leaf extract of *Parthenium hysterophorus* and their physio chemical responses to several crops and weeds, *Plants*, 11, 3209 (IF 4.65, Q1).
15. Haque, A.N.A.; **Uddin, M.K.**; Sulaiman, M.F.; Amin, A.M.; Hossain, M.; Mosharrof, M, 2022. Rice Growth Performance, Nutrient Use Efficiency and Changes in Soil Properties Influenced by Biochar under Alternate Wetting and Drying Irrigation. *Sustainability*, 14, 44. (IF 3.88, Q2)
16. Haque, A.N.A.; **Uddin, M.K.**; Sulaiman, M.F.; Amin, A.M.; Hossain, M.; Azharuddin Abd Aziz and Mosharrof, M, 2022. Combined Use of Biochar with ¹⁵Nitrogen Labelled Urea

- in- creases Rice Yield, N Use Efficiency and Fertilizer N Recovery under Water-Saving Irrigation. *Sustainability*, 14, 44. (IF 3.88, Q2)
17. Mehnaz Mosharrof, Uddin, M.K.; Sulaiman, M.F.; M. Sm Shamsuzzaman.; Shamim Mia, Haque, A.N.A.; 2022. Influence of Rice Husk Biochar and Lime to Reduce Phosphorus Application Rate in Acid Soil: A Field Trial with Maize. *Sustainability*, 14, 7418 (IF 3.88, Q2)
 18. Islam, Md. Ariful, S. M. Nurul Amin, Christopher L. Brown , Abdul Shukor Juraimi, Uddin, M.K and Aziz Arshad, 2022. A Mystic Weed, *Parthenium hysterophorus*: Determination of the Most Efficient Household Technique for the Reduction of Pesticide Residues from Raw Fish Muscles, *Foods*, 11, 1254 (IF 5.56, Q1)
 19. Bashar, H.K.; Juraimi, A.S.; Ahmad-Hamdani, M.S.; Uddin, M.K.; Asib, N.; Anwar, M.P.; Rahaman, F.; Karim, S.R.; Haque, M.A.; Berahim, Z.2022. Documentation of Phytotoxic Compounds Existing in *Parthenium hysterophorus* L. Leaf and Their Phytotoxicity on *Eleusine indica* (L.) Gaertn. and *Digitaria sanguinalis* (L.) Scop. *Toxins* , 14, 561. (IF 5.05,Q1)
 20. Islam, A.; Amin, N.; Brown, C.L.; Juraimi, A.S.; Uddin, K.; Arshad, A.2022. Determination of Median Lethal Concentration (LC50) for Endosulfan, Heptachlor and Dieldrin Pesticides to African Catfish, *Clarias gariepinus* and Their Impact on Its Behavioral Patterns and Histopathological Responses. *Toxics*, 9, 340. (IF 4.47, Q1)
 21. Islam, A.; Amin, N.; Brown, C.L.; Juraimi, A.S.; Uddin, K.; Arshad, A.2022. Chronic effects of organic pesticides on the aquatic environment and human health: A review, *Environmental Nanotechnology, Monitoring & Management*,100740 (scopus)
 22. Ahmed Abubakar, Mohd Yusoff Ishak, Aisyah Abu Bakar, Mohd Kamal Uddin, 2022.Ganoderma boninense basal stem rot induced by climate change and its effect on oil palm, *Environmental Sustainability*, 289 – 303 (IF 3.88, Q2)
 23. Ahmed Abubakar, Mohd Yusoff Ishak, Aisyah Abu Bakar, Mohd Kamal Uddin, 2022.Assessing the suitability of oil palm production in Peninsular Malaysia on soil, climate and land use, *Nature environment and pollution technology*, 5, 2141-2163, (scopus)
 24. Ahmed Abubakar, M.Y. Ishak, M.K. Uddin, A. Abu Bakar, M.U. Mohammed, 2022. What does Modelling Tells us on the Influence of Certain Weather Parameters on Oil Palm Production in Peninsular Malaysia, *Indian Journal of Agricultural Research*. (scopus)
 25. Ahmed Abubakar, Mohd Yusoff Ishak, Aisyah Abu Bakar, Uddin, M.K. Mohammad Hadi Ahmad, Idris Abu Seman, Law Mei Ching, Afandi Ahmad, Zulkifli Hashim, 2022. Geospatial simulation and mapping of climate suitability for oil palm(*Elaeis guineensis*)

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production in Peninsular Malaysia using GIS/remote sensing techniques and analytic hierarchy process, *Modeling Earth Systems and Environment*, 1-23 (scopus)

2021

26. Haque, A.N.A.; **Uddin, M.K.**; Sulaiman, M.F.; Amin, A.M.; Hossain, M.; Zaibon, S.; Mosharrof, M, 2021. Assessing the increase in soil moisture storage capacity and nutrient enhancement of different organic amendments in Paddy soil. *Agriculture*, 11, 44. (IF 3.40, Q2)
27. Mehnaz Mosharrof, **Uddin, M.K.**, S.M. Shamsuzzaman, and Mohammad Firdaus Solaiman Shamim Mia and Numery Ahmed Ashfaquul Haque, 2021. Combined Application of Biochar and Lime Increases Maize Yield and Accelerates Carbon Loss from an Acidic Soil, *Agronomy*, 11, 1313 (IF, 3.94, Q1)
28. Thahamina Begum, Uddin M.K, Salim Hassan, NH Kamarulzaman and MZ Rahman, 2021. Contribution of Selected Factors on Farmers' Work Performance towards Fertilizer Application in Rice of Bangladesh, *Sustainability*, 13, 10795 (IF 3.88, Q2)
29. Haque, A.N.A.; **Uddin, M.K.**; Sulaiman, M.F.; Amin, A.M.; Hossain, M.; Mosharrof, M, 2021. Impact of Organic Amendment with Alternate Wetting and Drying Irrigation on Rice Yield, Water Use Efficiency and Physicochemical Properties of Soil, *Agronomy*, 11, 1529 (IF 3.94, Q1)
30. Mehnaz Mosharrof, **Uddin, M.K.**; Sulaiman, M.F.; M. Sm Shamsuzzaman.; Haque, A.N.A.; 2021. Changes in acidic soil chemical properties and carbon dioxide emission due to biochar and lime treatments. *Agriculture*, 11, (IF 3.40, Q1)
31. Mehnaz Mosharrof, Uddin, M.K.; Sulaiman, M.F.; M. Sm Shamsuzzaman.; Shamim Mia, Haque, A.N.A.; 2021. Combined Application of Rice Husk Biochar and Lime Increases Phosphorus Availability and Maize Yield in an Acidic Soil. *Agriculture*, 11, 793 (IF 3.40, Q1)
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Abstracts Published in Conference Proceedings

2021

1. Uddin, MK, Mehnaz Mosharrof and Shamim Mia 2021: Effect of biochar application for minimizing greenhouse gas emission and impact on climate change. 7th International Conference on Climate Change: Sebelas Maret University, Ir. Sutami Street No.36A Kentingan, Surakarta, Indonesia, 18 November, 2021
2. Mehnaz Mosharrof and Uddin, MK, 2021: Effect of biochar and lime on growth and yield of maize and role to mitigate climate change in acid soil. 7th International Conference on Climate Change: Sebelas Maret University, Ir. Sutami Street No.36A Kentingan, Surakarta, Indonesia, 18 November, 2021

2019

3. A.S. Juraimi , **Uddin, M. K.**, and Mst Motmainna.2019. Allelopathic effect on selected invasive weed species on germination and seedling growth of weedy rice. Juraimi et a.,l (eds.) Proceedings of 27 Asian pacific Weed Science society con on Weed Science for sustainable agriculture, Kuching, Sarawak, Malaysia, 3-6 September, 2019, p157

2018

4. **Uddin, M. K.** Shobana Manirasa, Farzad Aslani and A.S. Juraimi.2018. Using seawater for grassy weed control in bermudagrass. In Hafidzii *et a.,l* (eds.) Proceedings of 10 th International conference on plant protection in the tropics, MITC, Melaka, Malaysia, 6-8 August, 2018, p62
5. Uddin, M. K. Hasan M, Mohammed MTM and Ali TKZ.2018. Nitrogen, phosphorus and compost effect on growth, yield and seed quality of Bambara ground nut. In Suresh *et a.,l* (eds.) Proceedings of 88 th International conference on environment science and development , Copenhagen, Denmark, 15-16 July, 2018, p11.
6. Uddin, M. K. Hasan M, Mohammed MTM and Ali TKZ.2018. Nitrogen, phosphorus and compost effect on growth, yield and seed quality of Bambara ground nut. In Suresh *et a.,l* (eds.) Proceedings of 10 th International symposium on plant soil interaction at low pH , palm garden hotel,Putrajaya Malaysia, 25-28 June, 2018, p181.

2016

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7. **Uddin, M. K.** A.S. Juraimi, Li Quan, Azwan Awang and M.B. Jalloh. 2016. Growth response and mineral composition of purslane at different growth stage. In Raffi *et al.* (eds.) Proceedings of 7 th International Agriculture Congress, Hotel Bangi, Putrajaya, Malaysia, 4-6 October, 2016, p603-606.
8. Masitah Ab Jalil, A.S. Juraimi, M.Y. Rafii and Uddin, M. K. 2016. Marker assisted backcross breeding in improving aerobic ability of weed competitive rice variety. Proceedings of 9 th International of Plant protection in tropics, Kuching, Sarawak Malaysia, 3-5 August, 2016, p603-606.
9. Uddin, M. K. A.S. Juraimi, Sugi Sam, Azwan Awang and M.B. Jalloh. 2016. Growth response and mineral composition of purslane at different growth stage. In Raffi *et al.* (eds.) Proceedings of 7 th International Agriculture Congress, Hotel Bangi, Putrajaya, Malaysia, 4-6 October, 2016, p603-606.

2015

10. **Uddin, M. K.** and Hj Mohd. Dan Dan, 2015. Salinity effects on germination of Malaysian rice varieties and weedy rice biotypes. Proceeding of 17th international Conference on biological ecosystems and ecological networks, Hotel Tobu Narita airport, Tokyo, Japan 28-29 May, 2015, p 3260.

2013

11. Abdul Shukor Juraimi, Norhidayati Sunyob, Ahmad Selamat, **Uddin, M.K.**, Md. Parvez Anwar and Azmi Man. Plant spacing influence on weed competitiveness of aerobic rice. Proceeding of 24th Asia Pacific Weed Science Conference, Bandung, Indonesia 22-26 October, 2013. P12-15.
12. Abdul Shukor Juraimi, Ahmad Selamat, **Uddin, M.K.**, Md. Parvez Anwar and Azmi Man. Plant spacing influence on weed competitiveness of aerobic rice. Proceeding of 24th Asia Pacific Weed Science Conference, Bandung, Indonesia 22-26 October, 2013. p12-15.
13. Abdul Shukor Juraimi, Jaya Suria Arul Sebastain Micheal, **Uddin, M.K.** Md. Parvez Anwar Ahmad Selamat and Azmi Man. Critical Period of weed control in aerobic rice. Proceeding of LRGS food security rice research colloquium, 31 January, 2013, Auditorium, Faculty Engineering, Universiti Putra Malaysia, Serdang, Malaysia
14. Bashir Abdurrahman Farah, Abdul Shukor Juraimi, Md. Abdul Hakim and **Uddin, M.K.** Comparison of weed management between system of rice intensification and direct seeded rice. Proceeding of 2nd national conference on system of rice intensification, 11 - 13 June 2013, Orient Star Resort, Lumut, Perak.

2012

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15. **Uddin, M. K.** A.S. Juraimi, M.R. Ismail, and Md. Amirul Alam 2012. Evaluation of antioxidant properties of purslane. In Zahara Rahman *et al* (eds.) Proceedings of Agriculture Congress, Marriott Hotel, Putrajaya, Malaysia, 4-6 September, 2012.

2011

16. Abdul Shukor Juraimi, Azmi man, Md. Parvez Anwar, **Uddin, M. K.**, Fitrah Salimah Bt Saari and Nurul Farahidayu Bt Jaafar. 2012. Weed management in rice under low water input. Proceedings of first LRGS workshop-Food Security, 12 January, 2012, Main Hall Faculty of Agriculture, Universiti Putra Malaysia.
17. Batoul Samedani, Abdul Shukor Juraimi, Mohd Rafii Bin Yusop, Sheikh Awadz Sheikh Abdullah, **Uddin, M. K.** and Anuar Abdul Rahim 2011. Weed Suppressive ability of cover crops *Mucana bracteata* and soft grass *Axonopus compressus* in oil palm plantation. Proceedings of the International Oil palm congress, Kuala Lumpur, Malaysia 15-17 November, 2011.p12-15.

2010

18. **Uddin, M. K.** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. 2010. Nutrient uptake response of tropical turfgrass species to salinity stress. In R.J.Gilkes and N.Prakongkep (eds.) Proceedings of the 7th International Conference 19th World Congress of Soil Science, 1-6 August, 2010, Brisbane, Australia.p13-16.

2009

19. **Uddin, M. K.** A.S. Juraimi, M.R. Ismail, Radziah O. and A.A.Rahim. 2009. Physiological and growth response of turfgrass species to salinity. In Dzolkhifli Omar *et al* (eds.) Proceedings of Agriculture Congress, Selangor, Malaysia, 27-29 October, 2009. p. 83-85.
20. M. A. Saleque, **Uddin, M. K.**, A. Khatun, A. K. M. Ferdous and M. H. Rashid.2009. An evaluation of nutritional constraints on irrigated rice yield. In Proceedings of International Plant Nutrition Colloquium University of California, Davis USA, 9-13 October, 2009. p1083.

2008

21. M. R. Islam, M.A.Salam. M.A.R. Bhuiayan. M.A. Rahman, R. Yasmeen. M.S. Rahman, **Uddin, M. K.**, GB Gregorio and A.M. Ismail.2008.The trial of rice varieties development with crop for the coastal wetlands of Bangladesh. In Proceedings of Agriculture Congress, Bangsaen,Thailand, 2008. p.31.
22. M. A. Saleque, **Uddin, M. K.**, M.A.Salam, S. Hafele and A.M. Ismail.2008. Soil Characteristics of saline and non saline deltas of Bangladesh. Proceedings of Agriculture Congress, Bangsaen,Thailand. p.28.

2006-2003

23. M. A. Saleque, **Uddin, M. K.**, A. K. M. Ferdous, M. H. Rashid and N.P.Magor. Compositional nutrient diagnosis for lowland rice in Bangladesh 2006. Proceedings of

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the 2nd International Rice research Conference on 9-13 October, 2006, New Delhi, India. pp 80-81.

24. M. A. Saleque, A. K. M. Ferdous, **Uddin, M. K.** and M. H. Rashid.2005. Participatory Integrated Plant nutrient management for rice. In Technology Development Workshop, IRRI Proc. p.75.
25. M. A. Saleque, **Uddin, M. K.**, A. K. M. Ferdous and M. H. Rashid. Farmers participatory soil fertility mapping and nutrient management for rice 2004. Proceedings of the 10th International Congress of Soil Science on 16-19 March, 2004 at Sindh Agricultural University, Tandojam, Pakistan. p 68.
26. M. A. Saleque, **Uddin, M. K.**, M. S. Rahman, Z. U. Ahmed and M. J. Abedin. Arsenic adsorption in some soils of Bangladesh 2003. In G.R.Gobran and N.Lepp (eds.) Proceedings of the 7th International Conference on the Biogeochemistry of trace elements. Uppsala, Sweden in June15-19, 2003. vol. 1. Scientific Programs 3.pp. 52-53.

Invited Speaker:

<i>Title</i>	<i>Date</i>	<i>Venue</i>
Keyword, sequence, importance: a potential technique for quality thesis and publication	18 February, 2023	Sebelas Maret University , Surakarta, Indonesia
Effect of biochar application for minimizing greenhouse gas emission and impact on climate change	18 November 2021	The 7th International Conference on Climate Change, Indonesia Sebelas Maret University , Surakarta, Indonesia
Keywords sequence importance (KSI): friendly approach for quality thesis and fast publication	15 July, 2024	Bangladesh Agricultural Research Council, Dhaka
Maize yield performance using soil amendments	28 August, 2024	International Conference of Sains Tanah, Hotel Parageon, Solo, Indonesia

Presentation/ participation in international conference/world congress/symposiums/seminar

1. Presented poster paper in 7 th International Agriculture Congress, Hotel Bangi, Putrajaya, Malaysia, 4-6 October, 2016.
2. Presented Thesis writing technique paper, saving time in thesis writing and fast articles publication using KSI, Faculty of Agriculture, University Putra Malaysia, Malaysia, 21 September, 2016.
3. Presented oral paper in the 17th Biological and ecological networks conference, Narita Tobu Hotel airport, Tokyo, Japan, 28-29 May, 2015

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4. Presented poster in first national LRGS food security rice research colloquium, 31 January, 2013, Auditorium, Faculty Engineering, University Putra Malaysia, Serdang, Malaysia
5. Presented oral paper in the Agriculture Congress, Marriott Hotel, Putrajaya, Malaysia, 4-6 September, 2012
6. Presented poster in the 19th International Oil palm Congress, 1-6 November, Malaysia, 2011.
7. Participated in the national Horticulture conference October 18-19, 2011, Melaka, Malaysia.
8. Presented poster in the exhibition credibility research and innovation on 19-21 July, 2011 at Auditorium Hall, University Putra Malaysia, Serdang, Malaysia
9. Presented poster in the exhibition credibility research and innovation on 20-22 July, 2010 at Auditorium Hall, University Putra Malaysia, Serdang, Malaysia
10. Presented poster in the 19th International World Congress of Soil Science, 1-6 August, Brisbane, Australia, 2010.
11. Presented paper in the International Agriculture Congress, Universiti Putra Malaysia on 27-29 October, 2009. Selangor, Malaysia.
12. Presented poster in the 10th International Congress of Soil Science on 16-19 March, 2004 at Sindh Agricultural University, Tandojam, Pakistan.
13. Participated in the International Congress of Bio Malaysia conference, November 27-29, 2007, Kuala Lumpur, Malaysia.
14. Participated in UPM-Thomson Reuters seminar "Driving success in research, innovation and commercialization" August 20, 2013, at Faculty Medicine and Health Sciences, Universiti Putra Malaysia, Malaysia

Professional trainings/workshops:

1. Participated in the training on "Course of soil analysis "held 1-4 November 2016, organized by Faculty of Agriculture, University Putra Malaysia, Selangor, Malaysia
2. Participated in the training on "Preparation of soil Monolit "held 3-4 August 2016, organized by Faculty of Agriculture, University Putra Malaysia, Selangor, Malaysia
3. Participated in the training on "Family stress and mental health management" held 16 June, 2015 organized by Medical faculty, University Malaysia Sabah, Malaysia
4. Participated in the training on "Application of qualitative research methods" held 29-30 September, 2014 organized by Higher education development Centre, University Malaysia Sabah, Malaysia

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5. Participated in the training on “Principles of learning assessment” held 19-20 August, 2014 organized by Higher education development Centre, University Malaysia Sabah, Malaysia
6. Participated in the training on “Roadshow E-learning Blended mode” held 24 September, 2014 organized by Higher education development Centre, University Malaysia Sabah, Malaysia
7. Participated in the training on “Teaching and learning course” held 24 September, 2014 organized by Higher education development Centre, Universiti Malaysia Sabah, Malaysia
8. Participated in the training on “Providing quality postgraduate supervision” held 7-8 May, 2013 organized by Higher education development centre, University of Otago, Newzealand and Universiti Putra Malaysia, Selangor, Malaysia
9. Participated in LRGS-Food Security workshop 12 January, 2012 held at Main Hall Faculty Agriculture Universiti Putra Malaysia, Selangor.
10. Participated in the training on “Antioxidant methodologies workshop” held 19-20 April, 2011 organized by Institute of Bioscience, University Putra Malaysia, Selangor, Malaysia.
11. Participated in the meeting of evaluation and monitoring of PETRRA project on 17-19 October, 2002 held Manikganj, Bangladesh organized by IRRI project.
12. Participated in the farmers’ participatory experience sharing workshop on research findings and identification of field specific fertilizer management packages on 7-8 February, 2003, Moulvubazar, Bangladesh organized by IRRI project.
13. Participated in the training on “Developing of integrated nutrient management options for delivery” held 11 February to 1 March, Los Banos, International Rice Research Institute, Philippines, 2002.

Administration:

1. Chief invigilator for semester 1 & 2 - 2014/2015 final examination
2. Conducted session chair in oral and technical presentation in 17th international conference on biological ecosystems and ecological networks held 28-29 May, 2015, Narita Tobu Hotel airport, Tokyo
3. Visited 9 industrial training students, UMS in Kualalumpur golf and country club and Perbadanan Putrajaya on 3-4 August, 2015.

Research project:

1. Enhancement of Maize Yield through Biochar Enriched Phosphorus and Biofertilizer, FRGS, ministry of higher education (RM140000, Project Leader), 2020-2023, ongoing
2. Evaluation the Performance of Biofertiliser Containing a Specific Microbial Formulation in Enhancing Oil Palm Growth and Functioning as Biofungicide in Suppressing Ganoderma

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Infection in Oil Palm on Peat Soil, FRGS, ministry of higher education (RM78000, member), 2019-2021

3. Response of Bambara groundnut to light, temperature and seed burial depth, Investigator, Research University grant scheme (UPM), 2016-2018, completed.

4. A rapid and ultrasensitive near real-time monitoring of heavy metal in Malaysia river using the plant protease, ficin-functionalized with gold nanoparticle.

5. Weed Competitive ability of different weedy rice variants against rice cultivar , Co-Investigator, 2014-2015, Research University grant scheme (RUGS), completed.

6. Investigation of antioxidant properties and nutrient composition of Purslane (*Portulaca oleracea L.*) grown under salinity stress, University grant scheme, UMS, completed.

7. Sustainable turfgrass fungal diseases control by using silicon, copper and boron, Co-Investigator, 2011-2013, Ministry of Higher education, completed.

8. Improving productivity in the salt affected areas for rice, Co- Investigator, 2005-2007, DFID-IRRI, completed.

9. Integrated Plant nutrient management for intensive rice, Co-Investigator, 2001-2004, PETRRA-IRRI-DFID, completed.

Private grant project:

1. Responses of maize yield, soil chemical properties and nutrient dynamics in acid soil. Project funded by Bangladesh Agricultural research Council (RM40000) (private No Akaun Amanah: 6282512, September, 2018 to 2022 (Project Leader)

2. Influence of soil amendments in nutrient dynamics, soil biochemical properties and growth, yield of rice. . Project funded by Bangladesh Agricultural research Council (RM40000) (private No Akaun Amanah: 6282514, September, 2018 to 2022 (Project Leader)

3. Enhancement of Maize Yield through Biochar Enriched Phosphorus and Biofertilizer, (FRGS, Ministry of Higher Education, RM140,000 November, 2020- October, 2023) (Project leader)

3. Response of zinc nutrient and zinc oxide nanoparticles on yield of tomato. Project funded by Bangladesh Agricultural research Council (RM40000) (private No Akaun Amanah: 6282510, September, 2018 to 2022 (project leader)

4. Influence of parthenium extract on weed suppression, growth and yield of Bambara nut. Project funded by Bangladesh Agricultural research Council (RM40000) (private No Akaun Amanah: 6282506, September, 2018 to 2022 (member)

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5. Effect of vermicomposting and organic fertilizer on growth and yield of Stevia. Project funded by Bangladesh Agricultural research Council (RM40000) (private No Akaun Amanah: 6282501, September, 2018 to 2022 (member)

6. Transferring chicken manure into valuable products. Industrial grant (D khairan farm Sdn Bhd) vote no. 6300349 (RM315000, member) 2022-2023

Dissertation:

1. Uddin, M. K. 2010. Using sea water for weed management in turfgrass. PhD thesis, Universiti Putra Malaysia, Malaysia

2. Uddin, M. K. 2000. Effect of sulphur, boron and zinc on the yield and nutrient uptake of BRRI rice-29. MS thesis, Bangladesh Agricultural University, Bangladesh

Reviewer ships

Agronomy, Sustainability, Agriculture, HortScience, Asian Biomedicine journal, Bragantia journal, Archives of Agronomy and Soil Science, Advances in Chemistry and Biochemistry Sciences, Plant Biology, The Journal of Tropical Agricultural Science, Arid land research and Management

Networking

No.	Type of Networking	Name of Institutions/Company
1.	Collaborative research project published (Uddin, M. K., A.S. Juraimi, M.R. Ismail and J.B. Brosnan. Characterizing weed populations in different turfgrass sites throughout the Klang Valley of Western Peninsular Malaysia. Weed Technology, 24 (2): 173-181)	Department of Plant Sciences, University of Tennessee, USA
2.	Collaborative research project with Bangladesh Agricultural Research council	NATP project, BARC, Bangladesh
3.	Collaborative research with Patuakhali university of Science and technology	Bangladesh
4.	Collaborative research with university of Western Australia, perth	Australia

Innovation

1. Developed soil-test-based soil fertility maps for increased and sustainable rice production for farmers of Bangladesh
2. Keyword, Sequence, Importance (KSI) technique for quality thesis and publication writing

Consultancy and Training

No.	Title	Location and organizer	Date and Year
1.	Saving Time In Thesis Writing And Fast Articles Publication Using KSI (Keywords, Sequence, Importance) Technique	Putra sarjana room, Graduate school studies, UPM	8 November, 2016,
2.	Saving Time in Thesis and Article Writing Using KSI Technique	Auditorium chancellery, TNCPI, UPM Putra science park	18 May, 2017,
3.	Thesis and scientific writing using KSI technique	Putra sarjana room, Graduate school studies, UPM	28 August, 2017,
4.	KSI: Act as a graduate proficient system for thesis and publication	Auditorium, Faculty of Engineering, Graduate school studies, UPM	26 April, 2018,
5.	Graduate proficient system for thesis and scientific article writing	Mini theatre, block 2, IUKL, , centre for graduate studies, IUKL	24 September, 2018
6.	Hands-On-Training In Writing And Publishing In Top Hating Journals-Rescue Postgraduates From Being Lost-And Help Rise In Career	Nanotechnology and catalyst centre, UM	7 April, 2017
7.	Saving Time in Thesis and publication Writing Using KSI Technique	Nazrul Islam Hall, Bangladesh Agricultural university	24 October,2017
8.	Thesis and scientific paper writing using KSI technique	Auditorium, Faculty of Engineering, Graduate school studies, UPM	11 October, 2017
9.	Saving time in thesis writing and quality publication using KSI technique	Seminar room, Bangladesh Agricultural Research Council	18-19 March, 2018
10.	Saving time in thesis writing and quality publication using KSI technique	Bangobandhu Sheikh Muzibar Rahman Agricultural university, Bangladesh	21 March, 2018,
11.	KSI Technique for quality thesis and publication writing	UPM	8 October, 2020

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12.	Keyword, Sequence, Importance (KSI) : A Potential Writing Technique For Quality Thesis and Plagiarism Reduction	UPM Library		15 July, 2020
13	Keyword, Sequence, Importance (KSI) : A Potential Writing Technique For Quality Thesis and Plagiarism Reduction	Bangladesh student association, Malaysia and international student association		6 February, 2021
14	Keyword, Sequence, Importance (KSI) : A Potential Writing Technique For Quality Thesis and Plagiarism Reduction	Shere Bangla Agricultural University, Bangladesh		22 September, 2022
15	Keyword, sequence, importance: a potential technique for quality thesis and publication	The University of Newcastle, Australia		18 February, 2022
	Keyword, sequence, importance: a potential technique for quality thesis and publication	Open University of Bangladesh		18 February, 2023
	Keyword, sequence, importance: a potential technique for quality thesis and publication	Shere Bangla Agricultural University, Bangladesh		18 February, 2023
	Keyword, sequence, importance: a potential technique for quality thesis and publication	Rajshahi University , Bangladesh		18 February, 2023
	Keyword, sequence, importance: a potential technique for quality thesis and publication	Sebelas Maret University , Surakarta, Indonesia		18 February, 2023

Professional Membership

No.	Name of Professional Bodies/Associations	Year of Membership	Status of Membership (Active, expired, etc.)	Type of Membership
1.	Bangladesh Botanical Society	2015	Active	Life Member
2.	Bangladesh Society of Agronomy (BSA)	2012	Active	Life Member
3.	National Seed Association, Malaysia,	2012	Active	Life Member
4.	Malaysian Soil Science society	2017	Active	Member

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5	Malaysian Biochar Association	2017, 2022,2023	Active	Member
6.	Malaysian Soil Science society	2018	Active	Member
7.	Malaysian Soil Science society	2019	Active	Member
8.	Malaysian Soil Science society	2020	Active	Member
9.	Malaysian Soil Science society	2021	Active	Member
10	Malaysian Soil Science society	2022	Active	Member
11	Malaysian Soil Science society	2023	Active	Member

Social activities

Participated program corporate responsibility by Faculty of Sustainable Agriculture, Universiti Malaysia Sabah held on 14 February, 2015, Tabika Kemas Kg Sibugal, Sandakan.

Community/Industry activity:

Language Proficiency

Language	Speaking	Reading	Writing	Listening
Bengali	Excellent	Excellent	Excellent	Excellent
English	Good	Excellent	Good	Good
Arabic	Poor	Good	Poor	Good
Malay	Poor	Fair	Fair	Good

Referees:

1. Dato Professor Dr. Abdul Shukor Juraimi

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3. Dr Zakaria Solaiman

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