Personal information

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Field of specialization

Specializing in agricultural engineering and digital agriculture, my research focuses on the application of remote sensing, GIS, artificial intelligence, and machine learning to support precision agriculture and data-driven crop management. My expertise also extends to grain quality assessment and postharvest process engineering, including the design and development of technologies for rice-based value-added products, food fortification, and rice bran stabilization. Through an integrated approach combining advanced sensing, intelligent data analysis, and postharvest technology, I aim to contribute to sustainable, efficient, and technology-driven agricultural development.

Educational qualifications

Doctor of Philosophy

Dates 02 March 2016 – 25 February 2019

Title of qualification awarded **Doctor of Philosophy**

Title of the thesis Application of UAV Remote Sensing and GIS for Rice Grain Protein and Moisture Content Monitoring in Precision (Site-Specific) Agriculture

Submission year 2018

Principal subjects / occupational skills Covered
- Conducting research on rice grain quality, with a specific focus on protein content, yield monitoring, and harvest scheduling through moisture content monitoring using UAV remote sensing.
- Writing up the thesis, peer-reviewed journal articles, and conference papers
- Presentation of the research findings

Name of the organization providing education Gyeongsang National University, South Korea

Master of Science

Dates July 2010 – June 2012

Title of qualification awarded Master of Science in Farm Power and Machinery (FPM)
CGPA - 3.359 (4.00 basis)

Title of the thesis Design and Development of Updraft Gasifier

Principal subjects / occupational skills covered
- Bio-resources Engineering and Bio-system Modelling
- farm Power
- Renewable Energy Systems
- Environmental engineering
- Agricultural Machinery Testing, Evaluation, and Maintenance
- Engineering Mathematics

	- Farm Machinery - Advanced Agricultural Process Engineering - Agricultural System Engineering - Plant Protection Machinery and Equipment
Name of the organization providing education	Bangladesh Agricultural University, Mymensingh-2202, Bangladesh

Bachelor of Science

Dates	15 June 1995 – 07 January 2003
Title of qualification awarded	Bachelor of Science in Agricultural Engineering Class obtained: First class Position in order of merit among 46 students: 14th
Principal subjects / occupational skills covered	**Major Courses studied:** Engineering Mechanics & Kinetics, Engineering Materials & Estimation, Mathematics, Engineering Analysis, Computer Science, Engineering Thermodynamics, Electrical Engineering and Electronics, Agronomy, Soil Science, Fundamentals of Food Engineering, Fluid Mechanics and Hydraulics, Strength of Materials and Theory of Structures, Crop Protection, Rural Sociology, Agril. Machineries & Power Source, Irrigation & Drainage Engineering, Soil Mechanics & Foundation Engineering, Soil Water Conservation Engineering, Electrical Machinery & Rural Electrification, Agril. Meteorology & Hydrology, Food plant Engineering, Mechanization & Engineering Management, Agricultural Statistics, On Farm Water Management, Aquaculture Engineering, Agril. Machinery Design & Analysis, Hydraulic Machinery & Irrigation Structures, Food Processing Engineering & Quality Control, Refrigeration, Air Conditioning & Process Engineering, Ground Water & Wells, etc.
Name of the organization providing education	Bangladesh Agricultural University 2202 Mymensingh, Bangladesh

Higher Secondary School Certificate

Dates	June 1992 –July 1994
Title of qualification awarded	Higher Secondary School Certificate Class obtained: First class **(72. 7.00%)**
Principal subjects / occupational skills covered	General Bengali, English language, Mathematics Occupational Physics, Chemistry, Biology
Name of the organization providing education	Govt. MM City college 9100 Khulna, Bangladesh

Secondary School Certificate

Dates	January 1987 –April 1992
Title of qualification awarded	Secondary School Certificate Class obtained: First class **(74.2%)**
Principal subjects / occupational skills covered	General Bengali, English language, mathematics, Geography, Religious studies Occupational Physics, Chemistry, Biology
Name of the organization providing education	KGHF Mowkhali United Academy 9284 Paikgacha, Khulna, Bangladesh

PhD Thesis

Title of the thesis	Application of UAV Remote Sensing and GIS for Rice Grain Protein and Moisture Content Monitoring in Precision (Site-Specific) Agriculture
Thesis supervisor	Professor Chan Seok Ryu
Awarding organization	College of Agriculture & Life Science, Gyeongsang National University, South Korea
Year of award	2019

Research Experience

Precision Agriculture

- Designing and implementing experiments to assess the potential of unmanned aerial vehicles (UAVs) for agricultural applications
- Developing image acquisition protocols and processing techniques to extract relevant information from the captured aerial images
- Developing harvest scheduling strategies based on moisture content monitoring
- Conducted research on monitoring rice yield and protein content using UAV
- Focus on the relationship between moisture content and optimal harvest timing to maximize yield and quality
- Conducted research on crop monitoring (growth, biomass, different stress, etc.) during the entire growth stage
- Contribute to the advancement of precision agriculture practices and explore the potential of technology-driven solutions for sustainable farming.
- Prediction models using the machine learning algorithm
- Artificial intelligence-based management models

Farm Machinery and Postharvest Technology

I had been working as a scientist at the Farm Machinery and Postharvest Technology Division of Bangladesh Rice Research Institute from 30 June 2004 to 28 November 2012. I have expertise in conducting research on different aspects of farm machinery development and postharvest technologies especially the drying and milling of rice.

Grain Quality and Nutrition

Presently I have been working as a Principal scientific Officer at the Grain Quality and Nutrition Division of Bangladesh Rice Research Institute. I have been working in this division since November26, 2012. In this domain, I have expertise in conducting research on different aspects of grain quality assessment and postharvest processing engineering, including the technologies for rice-based value-added products, food fortification, and rice bran stabilization, and the grain quality of rice

The main activities and responsibilities involve:

1. Research program development
2. Planning and conducting research
3. Data acquisition, analysis, and report writing
4. Supervise junior colleagues, field staff and laboratory technicians, etc.

Future Research Interests

- Establishment of a digital agricultural information platform
- Agricultural land mapping
- Crop zoning and vegetation
- Construction of agricultural spatial data bank

- **Seek international collaboration**
- **Eager to help with developing training material, laboratory manuals**
- **Want to design new experiments related to crop management, grain quality improvement, etc.**

Personal skills and competencies

English Language Proficiency

The medium of instruction is English at PhD, MS, and BSc level

Good command of speaking, listening, and writing

Mother tongue(s)

Bengali

Social skills and competencies

- Learned to manage time, work in group situations under strict deadlines, and recognize the importance of a strong work ethic;
- Ability to adapt to multicultural environments, gained through my study experience abroad;
- Good communication skills, gained through my job experience.

Organizational skills and competencies

- Leadership (Responsible to supervise junior colleagues, field staff, and laboratory technicians);
- Experience in conducting training (Involved in giving training to GO's and NGO's staff, farmers and Extension officials etc.);
- Good experience in project and team management.

Technical skills and competencies

- Experience in conducting scientific research;
- Good command of report writing.

Computer skills and competencies

- Good command of Microsoft Office (Word, Excel, and PowerPoint);
- Good command of Statistical packages (R, MStatC, SPSS);
- Good command of programming (R, MATLAB)

Computer Models Different artificial intelligence-based machine learning tools (ANFIS, MARS, GPR, LSTM, RF, ANN, CNN, SVR, RVR, PLR etc.)

Instrument Skills

GC, ICP-OES, ICP-MS, Ion Chromatography, TOC analyser, Centrifuge machine, Microwave digestion etc.

Professional Experience

Present a paper as a resource speaker at the Global Drone Industry Expo and Conference in Namwon, Republic of Korea, 2023.

Research Experience

Peer reviewed Journal articles

1. Tapash Kumar Sarkar, Dilip Kumar Roy, Ye Seong Kang, Sae Rom Jun, Jun Woo Park, and Chan Seok Ryu. (2023) Ensemble of Machine Learning Algorithms for Rice Grain Yield Prediction Using UAV-Based Remote Sensing. J. Biosyst. Eng. https://doi.org/10.1007/s42853-023-00209-6

2. Tapash Kumar Sarkar, Chan Seok Ryu, Ye Seong Kang, Seong Heon Kim, Sae Rom Jeon, Si Hyeong Jang, Jun Woo Park and Seok Gu Kim and Hyun Jin Kim. (2018). Integrating UAV remote sensing with GIS for predicting rice grain protein. J. Biosyst. Eng. 43(2):148-159.

3. Tapash Kumar Sarkar, Chan Seok Ryu, Jeong Gyun Kang, Ye Seong Kang, Sae Rom Jun, Si Hyeong Jang, Jun Woo Park and Hye-young Song. (2018). Artificial neural network-based model for predicting moisture content in rice using UAV remote sensing data. Korean J. of Remote Sensing. 34(4): 611-624

4. Tapash Kumar Sarkar, Han Sung Lee, M Anwar Hossen, M Abdur Rahman, Mohammad Ali Siddiquee and MRA Mamun. (2018). Development of existing Engelberg rice mill for improving milling yield and quality. Eco-friendly Agril. J. 11(01):01-12

5. Tapash Kumar Sarkar, M Abdul Awal, M Ahiduzzaman, M Akhtaruzzzaman, (2012). Design and development of updraft gasifier: Intl. J. Biores 12(1): 21-30

6. Tapash Kumar Sarkar, AKM Saiful Islam, M Abdur Rahman and M Kamruzzzaman, (2012). Evaluation of the Versatile Multi Crop Planter (VMP) to Establishment Chickpea under Different Tillage Practices in Drought Area of Bangladesh: Intl. J. Biores 12(1):31-35

7. Tapash Kumar Sarkar, AKM Saiful Islam, Bidhan Chandra Nath, M Abdur Rahman, M Anwar Hossen and Nilufa ferdous (2012). Sensory evaluation of premium quality rice CV BRRI dhan50: Eco-friendly Agril. J. 5(03): 26-28

8. Tapash Kumar Sarkar, M Abdul Awal, M Ahiduzzaman, M Akhtaruzzzaman, M Anwar Hossen (2012). Evaluation of husk feeded modified updraft gasifier: Eco-friendly Agril. J. 5(06): 61-68

9. Jayanta Kumar Basak, Sanjay Saha Sonet, Rahnumazzaman Rumman, Bhola Paudel, Sumaya Akter, Tapash Kumar Sarkar, & Mohammed Mafizul Islam. (2025). Application of machine learning models for zooplankton abundance prediction in ponds of Southeastern Coastal Regions in Bangladesh. Environ. Monit. Assess., 197:893. https:// doi.org/ 10. 1007/ s10661- 025- 14382-y.

10. Jayanta Kumar Basak, Bhola Paudel, Myeong Yong Kang, Sijan Karki, Tapash Kumar Sarkar, Niraj Tamrakar, Byeong Eun Moon, Hyeon Tae Kim. (2025). Prediction of physicochemical properties of strawberry fruits using convolutional neural network-regression models. Hort., Environ, and Biotech., https://doi.org/10.1007/s13580-025-00717-8

11. Dilip Kumar Roy , Tapash Kumar Sarkar , Sheikh Shamshul Alam Kamar, Torsha Goswami, Md Abdul Muktadir, Hussein M. Al-Ghobari, Abed Alataway, Ahmed Z. Dewidar, Ahmed A. El-Shafei, and Mohamed A. Mattar (2022). Daily Prediction and Multi-Step Forward Forecasting of Reference Evapotranspiration Using LSTM and Bi-LSTM Models. Agronomy, 12(3), 594.

12. Dilip Kumar Roy, Tapash Kumar Sarkar, Sujit Kumar Biswas, and Bithin Datta (2023). Generalized Daily Reference Evapotranspiration Models Based on a Hybrid Optimization Algorithm Tuned Fuzzy Tree Approach. Water Resources Management, 37(1), 193-218.

13. Nilufa Ferdous, M. Zakir Hossain Hawleder, Sunil Kumur Biswas, M. Akhlasur Rahman, Shakir Hosen, Hubibul Bari Shozb, Tapash Kumar Sarkar, Md. Anwarul Haque and Muhammad Ali Siddiquee. (2020). Bio-physicochemical study for glutinous and nonglutinous rice with genetic diversity of Bangladesh rice germplasm. IJRDO- J. of Biological Sci. 6(3): 1-15

14. Ye Seong Kang, Chan Seok Ryu, Sae Rom Jun, Si Heong Jang, Jun Woo Park, Hye Young Song, Tapash Kumar Sarkar, Seong Heon Kim, Won S. Lee. (2018). Distinguishing between closely related species of Allium and of Brassicaceae by narrowband hyperspectral imagery. Biosystems Engg 176 (2018): 103-113.

15. Seong-Heon Kim, Jeong-Gyun Kang, Chan-Seok Ryu, Ye-Seong Kang, Tapash Kumar Sarkar, Dong Hyeon Kang, Yang-Gyu Ku, Dong-Eok Kim. (2018). Estimation of Moisture Content in Cucumber and Watermelon Seedlings Using Hyperspectral Imagery. Protected horticulture and

Plant Factory. 27(1) 34-39.

16. Ye Seong Kang, Chan Seok Ryu, Seong Heon Kim, Sae Rom Jun, Si Hyeong Jang, Jun Woo Park, Tapash Kumar Sarkar and Hye young Song. (2018). Yield Prediction of Chinese Cabbage (Brassicaceae) Using Broadband Multispectral Imagery Mounted Unmanned Aerial System in the Air and Narrowband Hyperspectral Imagery on the Ground. J. Biosyst. Eng. 43(2):138-147.

17. Ye Seong Kang, Seong Heon Kim, Jeong Gyun Kang, Tapash Kumar Sarkar, Young Seok Kwon, Sae Rom Jun, Won Jun Kim, Chan Seok Ryu. (2017). Model Assessment Multi-temporal Monitoring of Chinese Cabbage Growth using Low Altitude Remote Sensing System. J. of Agri & Life Sci 51(4): 149-160.

18. Ye-Seong Kang, Seong-Heon Kim, Jeong-Gyun Kang, Yeong-Ki Hong, Tapash Kumar Sarkar, Chan-Seok Ryu. (2016). Estimation of Leaf Dry Mass and Nitrogen Content for Soybean using Multi-spectral Camera Mounted on Unmanned Aerial Vehicle. J. of Agri. & Life Sci. 50 (6): 183-190.

19. Jeong-Gyun Kang, Chan-Seok Ryu, Seong-Heon Kim, Ye-Seong Kang, Tapash Kumar Sarkar, Dong-Hyeon Kang, Dong Eok Kim, Yang-Gyu Ku. (2016). Estimating Moisture Content of Cucumber Seedling Using Hyperspectral Imagery. J. of Biosystems Eng. 41(3):273-280. (2016. 9).

20. AKMS Islam, JK Saha, MA Haque and TK Sarkar (2006). Repair and Maintenance Cost Model for small Engines used in Agriculture: International J. Eng. Tech 3(1):38-43

21. MA Hossen, MD Huda, M M R dewan, SA Islam and T K Sarkar (2006). Arsenic Test and Removal from Tubewell Water at Control Flow Rate for Drinking Purpose: Intl. J. Sustain. Agril. Tech. 2(5):26-30.

22. M Kamruzzaman, MM Hossain, MA Hossen, TK Sarkar (2008). Performance Study of Rice Husk Briquette Machine: A Case Study in Muktagacha of Mymensingh District, Bangladesh: Intl. J. Biores 5(1): 7-11

23. MGK Bhuiyan, MA Quasem, TK Sarkar, MS Islam, AKMS Islam (2009). Studies on the quality of paddy stored in steel drum, plastic drum, low-cost cocoon and gunny bag: Intl. J. Biores 6(2): 1-6

24. SMM Rahman, MGK Bhuiyan, MA Rahman, TK Sarkar and MR Alam (2010). Performance Evaluation of Micro Rice Mill. Intl. J. Biores 8(1): 43-46

25. M Kamruzzaman, AKMS Islam, MA Rhaman and TK Sarkar (2012). Effect of field drying on head rice recovery and grain breakage of aromatic rice. Intl. J. Biores 12(1): 36-39

26. MA Hossen, MA Rahman, MGK Bhuyain, TK Sarkar and MA Alam (2013). Improvement of BRRI USG applicator. Published in the Journal of Agricultural Machinery and Bioresources Engineering. Volume 6, No. 1&2, 2013. Pp.33-39.

Journal articles (Under Review)

1. Tapash Kumar Sarkar, Dilip Kumar Roy, Shaibal Sarkar Dip, Chan Seok Ryu. Optimized Machine Learning Algorithms to Enhance Rice Protein Content Monitoring with Multi-Spectral UAV Imagery (Springer Nature)

Conference proceedings:

1. Tapash Kumar Sarkar, Chan-seok Ryu, Si-hyeong Jang, Sae-rom Jun, Ye-seong kang, Jun-woo Park and Hye-young Song. 2018. Predicting of rice grain protein with canopy spectral reflectance: Multivariate, ANN and GIS approach. Proceedings of the 9th Intl. Symposium on Machinery and Mechatronics for Agricultural and Biosystems Engineering, May 28-30, 2018, Jeju, South Korea. 9(PA2-9): pp. 5859

2. Tapash Kumar Sarkar, Chan-seok Ryu,, Jeong-gyun Kang, Ye-seong. Kang, Seong-heon. Kim, Sae-rom. Jeon, Won-jun Kim, Jun-woo Park, Suk-ku Kim and Hyun-jin Kim. 2017. Integrating geographic information system and remote sensing in predicting rice grain protein. Proceedings of the 7th Asian-Australasian Conference on Precision Agriculture, October 16-18, 2017,

Hamilton, New Zealand. 7(133): Pp 1-4.

3. Tapash Kumar Sarkar, Jeong-gyun. Kang, Chan-seok Ryu, Young-bong Min and Dong-hyeon Kang. 2016. Detection of Water Stress for Seedlings Using Hyperspectral Imagery. 75th Annual Meeting of the Japanese Society of Agricultural Machinery and Food Engineers, 27-30 May, 2016, Kyoto, Japan. Pp202.

4. Tapash Kumar Sarkar, Chan-seok Ryu, Jeong-gyeon Kang, Ye-seong kang, Seong-heon Kim, Sae-rom Jun, Won-jun Kim, Suk-ku Kim, and Hyun-jin Kim. 2016. Predicting Grain Protein of Rice Using Remote Sensing Technology. Proc. of Korean Society of Precision Agriculture, 2016, Journal of Korean Society of Agricultural Machinery, 21(2): 199. (Source: RISS)Mie, Japan

5. Ye Seong Kang, Chan Seok Ryu, Sae Rom Jun, Si Hyeong Jang, Jun Woo Park, Hye Young Song and Tapash Kumar Sarkar. 2018. Classification of Chinese cabbage and radish based on the reflectance of hyperspectral imagery. SPIEDigitalLibrary.org/conference-proceedings-of-spie. 10780(107801H). pP 1-8

6. Si-hyeong Jang, Chan-seok Ryu, Ye-seong Kang, Sae-rom Jun, Jun-woo Park, Tapash Kumar Sarkar, and Hye-young Song. 2018. Band Selection to Classify the Difference in Canopy Reflectance between Garlic and Onion using Decision Tree Method. Proceedings of the 9th Intl. Symposium on Machinery and Mechatronics for Agricultural and Biosystems Engineering, May 28-30, 2018, Jeju, South Korea. 9(ST1-7): pp. 130

7. Hye-young Song, Chan-seok Ryu, Si-hyeong Jang, Sae-rom Jun, Ye-seong Kang, Jun-woo Park and Tapash Kumar Sarkar. 2018. Development of seedling tray based on hyperspectral image, multispectral image and 3D modeling. Proceedings of the 9th Intl. Symposium on Machinery and Mechatronics for Agricultural and Biosystems Engineering, May 28-30, 2018, Jeju, South Korea. 9(P-ST2): pp. 210

8. Jun-Woo Park, Ye-Seong Kang, Sae-Rom Jun, Chan-Seok Ryu*, Si-Hyeong Jang, Hye-Young Song, Tapash Kumar Sarkar. 2018. Classification of Fire Blight Infection in Pear Tree with Decision Tree and Support Vector Machine based on Hyperspectral Imagery. Proceedings of the 9th Intl. Symposium on Machinery and Mechatronics for Agricultural and Biosystems Engineering, May 28-30, 2018, Jeju, South Korea. 9(ST1-4): Pp. 128

9. Si-hyeong Jang, Jeong-gyun Kang, Chan-seok Ryu, Seong-heon Kim, Ye-seong Kang, Tapash Kumar Sarkar, Dong-hyeon Kang, Yang-gyu Ku and Dong-eok Kim. 2017. Estimation of moisture content in cucurbitaceae seedlings using hyperspectral imagery. Proceedings of the 7th Asian-Australasian Conference on Precision Agriculture, October 16-18, 2017, Hamilton, New Zealand. 7(44): Pp 50.

10. Sae-rom Jun, Chan-seok Ryu, Seong-heon Kim, Jeong-gyun Kang, Ye-seong Kang, Won-jun Kim, Tapash Kumar Sarkar, Si-hyeong Jang, Dong-hyeon Kang, Yang-gyu Ku and Dong-eok Kim. 2017. Estimation of the moisture content in Solanaceae seedlings using hyperspectral image. Proceedings of the 7th Asian-Australasian Conference on Precision Agriculture, October 16-18, 2017, Hamilton, New Zealand. 7(50): Pp 56.

11. Ye Seong Kang, Chan Seok Ryu, Seong Heon Kim, Jeong Gyun Kang, Sae Rom Jun , Won Jun Kim, Tapash Kumar Sarkar and Young Seok Kwon. 2017. Modeling the growth of Chinese cabbage using remote sensing system. Proceedings of the 7th Asian-Australasian Conference on Precision Agriculture, October 16-18, 2017, Hamilton, New Zealand. 7(54): Pp 60.

12. Won Jun Kim, Chan Seok Ryu, Ye Seong Kang, Seong Heon Kim, Jeong Gyun Kang, Sae Rom Jun , Tapash Kumar Sarkar and Young Seok Kwon. 2017. Estimation of the growth for radish and Chinese cabbage using hyperspectral image. Proceedings of the 7th Asian-Australasian Conference on Precision Agriculture, October 16-18, 2017, Hamilton, New Zealand. 7(60): Pp 66.

13. Seong-heon Kim, Chan-seok Ryu, Jeong-gyun Kang, Ye-seong Kang, Tapash Kumar Sarkar and Young-ki Hong. 2016. Estimation of Nitrogen concentration Models for Soyabean Leaves using UAV System. Proceedings of the 75th Annual Meeting of the Japanese Society of Agricultural Machinery and Food Engineers, 27-30 May, 2016, Kyoto, Japan. 75(6-2): Pp201.

14. Jeong-Gyune Kang, Chan-Seok Ryu, Seong-Heon Kim, Ye-Seong Kang, Tapash Kumar Sarkar and Dong-Hyeon Kang. 2016. Estimation of Moisture Content of Various Seedling

Using Hyperspectral Imagery. Proc. of the Korean Society of Agricultural Machinery/Korean Society of Precision Agriculture. 21(2): Pp 53.

15. Ye Seong Kang, Seong Heon Kim, Jeong Gyun Kang, Sae Rom Jun, Won Jun Kim, Tapash Kumar Sarkar and Chan Seok Ryu. 2016. Estimation of Vegetation for Radish using Multispectral Imagery Acquired by Fixed Wing UAV. Proc. of the Korean Society of Agricultural Machinery/Korean Society of Precision Agriculture. 21(2): Pp 197.

16. Seong-Heon Kim, Chan-Seok Ryu, Ye-Seong Kang, Jeong-Gyun Kang and Tapash Kumar Sarkar. 2016. Spectral Analysis of Radish and Chinese Cabbage for Developing Optical Sensor System in UAV. Proc. of the spring conf. of the Korean Society of Agricultural Machinery. 21(1): 119-120.

17. Ye Seong Kang, Seong Heon Kim, Jeong Gyun Kang, Tapash Kumar Sarkar, Chan Seok Ryu and Yeong Gi Hong. 2016. Estimation of Nitrogen Content in Bean using UAV Imagery. Proc. of the spring conf. of the Korean Society of Agricultural Machinery. 21(1): 121-122.

18. Jeong-Gyune Kang, Chan-Seok Ryu, Seong-Heon Kim, Ye-Seong Kang, Tapash Kumar Sarkar, Young-Bong Min and Dong-Hyeon Kang. 2016. Estimation of Moisture Content of Cucumber, Tomato Seedling Using Hyperspectral Imagery. Proc. of the spring conf. of the Korean Society of Agricultural Machinery. 21(1): 123-124.

19. Muhammad Ali Siddiquee, Tapash Kumar Sarkar and Habibul Bari Shozib. 2016. BRRI dhan28: A potential source of rice bran oil in Bangladesh. Proceedings of the 3rd Intl. Conf. on Rice Bran Oil (ICRBO 2016). 3(P-12): Pp 12.

Book chapter

1. Tapash Kumar Sarkar. 2012. Rice Milling Technology (chapter-I). Study on the agricultural machinery for Bangladesh under the project "Development of Research Capacity Building of the Bangladesh Rice Research Institute". Book Published jointly by Korea International Cooperation Agency and Korea Institute for Development Strategy. Pp 20-56

Folder/Manual/Leaflet/Popular Article/Bulletin

1. Hossen MA, Islam MS, Huda MD, Rahman SMM, Sarkar TK and Alam MA (2013). Techniques of rice transplanter operation and troubleshooting, Farm Machinery and Postharvest Technology Division, Bangladesh Rice Research Institute, Gazipur, Bangladesh.
2. Islam M.S., Rahman SMM, Rahman MA, Huda MD, Quasem MA, Islam AKMS, Ahiduzzaman M, Bhuiyan MGK, Hossen MA, Kamruzzam M, Sarker TK and Nath BC (2009). BRRI agricultural machinery and technology. Farm Machinery and Post-Harvest Technology Division, Bangladesh Rice Research Institute, Gazipur, Bangladesh.
3. Islam M.S, Huda MD and Sarkar TK. Postharvest technology of transplanted Aman rice. Krishikotha. Pp 42- (Krishikotha, sep-Oct., 2008: Ropa Aman dhaner korton projukti, P-42)

References

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