

# BATUGAHAGE DON ROHITHA PRASANTHA

## (Prof. BDR Prasantha)



**Dr.rer.agr.** [Humboldt, Berlin]  
**M.Sc. Agric.** [Peradeniya Sri Lanka]  
**B.Sc. Agric.** [Peradeniya, Sri Lanka]  
**C.Biol.** [Sri Lanka]  
**F.I.Biol.** [Sri Lanka]  
**Fulbright Postdoctoral Fellow**



### CURRENT POSITION

#### Institutional Address

Department of Food  
Science & Technology,  
Faculty of Agriculture,  
University of Peradeniya  
20400, SRI LANKA

#### Professor (merit) in Food Science & Technology

Department of Food Science and Technology  
Faculty of Agriculture, University of Peradeniya  
SRI LANKA

#### Home Address

91/3 Medawalikade  
Road, Rajagiriya 10100  
SRI LANKA

### ACADEMIC & PROFESSIONAL QUALIFICATIONS

2003: **Ph.D. Agriculture (Postharvest Technology)**,  
Humboldt University of Berlin, Faculty of Agriculture and  
Horticulture, Institute of Phytomedicine, Berlin, Germany.  
Grade: *Summa Cum Laude*

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1997: **M.Sc. Agric.**, Postgraduate Institute of Agriculture,  
University of Peradeniya, Sri Lanka. (*GPA 3.8 out of 4*)  
1993: **B.Sc. Agric.** Faculty of Agriculture, University of  
Peradeniya, Sri Lanka  
Grade: *Second class upper division Honours*

2021: **F.I.Biol** (Sri Lanka) - Institute of Biology Sri Lanka  
2016: **C.Biol** (Sri Lanka) - Institute of Biology Sri Lanka

#### Language Proficiency

Sinhala: Excellent  
English: Excellent  
German: Good

ORCID 0000-0003-3134-0756  
Web of Sci. G-3557-2015

### RESEARCH INTEREST WITH EXPERIENCE

Postharvest Technology of Grains, Fruits & Vegetables | CA/MA  
storage of Grains and Fruits | Glycemic index and Dietary fiber of  
grains | Bioactive compound of grains | Food Preservation and  
Processing



## PAST EMPLOYMENT

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- 2005-2020: **Senior Lecturer** (Promotion), Department of Food Science and Technology, Faculty of Agriculture, University of Peradeniya, Sri Lanka
- 2003-2005: **Senior Lecturer** (Contract basis) - Asian Development Bank (ADB), Department of Food Science and Technology, Faculty of Agriculture, University of Peradeniya
- 1996-2000: **Research Officer** (Permanent), Institute of Postharvest Technology, Anuradhapura, Sri Lanka

## POSTDOCTORAL TRAINING

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- 2016: Faculty of Bioscience Engineering, Department of Biosystems, Division of Mechatronics-Biostatistics and Sensors (MeBios), Flanders Centre of Postharvest Technology, Katholieke Universiteit Leuven, Belgium (Supervisor: Prof. Bart Nicolai, KU, Leuven).
- 2012: United State Department of Agriculture-Research Service (**USDA-Ars**), Pacific West Area-San Joaquin Valley Agricultural Sciences Center, Commodity Protection & Quality Research Unit, 9611 S. Riverbend Avenue, Parlier, CA 93648, USA (Supervisor: Dr. Judy Johnson –USDA-Ars).

## SCHOLARSHIP/ FELLOWSHIPS

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- 1999-2003: **Dutscher Akademischer Austauschdienst** (DAAD) by Germany (Doctoral)
- 2012: **Fulbright Research Fellowship** (Post-Doctoral) 2011/2012, USA- No. 68435430
- 2016: Katholieke Universiteit Leuven, Belgium, **Specialization Scholarship for Scholars from Developing Countries** (Post-Doctoral), Specialization Research fellowship from South in Belgium, 2016

## NATIONAL PATENTS & COMMERCIALIZED PRODUCTS

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- Patent Number 16410:** BDR Prasantha; Development of an Instant-Breakfast Rice from Local Rice. International Patent Classification (IPC): A23L1/182. National Intellectual Property Office of Sri Lanka
- Patent Number 18104:** TDP Gallage & BDR Prasantha ; Development of an Instant Avocado Powder. International Patent Classification (IPC): A23B 7/024. National Intellectual Property Office of Sri Lanka
- Patent for engineering design LK/1/2/11775:** Hermetic Type Grain Storage PVC Tank. National Intellectual Property Office of Sri Lanka
- Comprehensive Guide to ISO 22000 Food Safety Management system,** Virtual Comprehensive Guide to ISO 22000®, Food Safety Management System. Department of Food Science and Technology Faculty of Agriculture University of Peradeniya, Sri Lanka (**ISBN 978-955-51591-0-4**)

## AWARDS AND RECOGNITIONS

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- 2022: Annual Research Excellence Award – 2020, Faculty of Agriculture, University of Peradeniya
- 2020: Annual Research Excellence Award – 2019, Faculty of Agriculture, University of Peradeniya
- 2019: Awarded a “Certificate of Outstanding Contribution to the Reviewing” in the Journal of Stored Product Research by the Elsevier publisher
- 2019: President’s Award - scientific publication 2017
- 2017: National Research Council (NRC) merit award for scientific publication 2015
- 2017: National Research Council (NRC) merit award for scientific publication 2014
- 2015: President’s Award - scientific publication 2013

## GRADUATED POSTGRADUATE STUDENTS

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M.Phil. Students completed : 04 (2010, 2013, 2014 and 2018)

1. Ms. H.A.P.W. Hettiarachchi -2018: Analysis of the rice grain quality characters of selected rice germplasm in Sri Lanka. M.Phil dissertation, PGIA, University of Peradeniya, Sri Lanka  
**Severed as senior supervisor**
2. Ms. H.D.K. Drandakumbura - 2014: Effect of Variety and Processing on the Glycemic Index (GI) of Locally Grown Rice. M.Phil dissertation, PGIA, University of Peradeniya, Sri Lanka  
**Severed as Co-supervisor**
3. Ms. V.P.N. Prasadi - 2014: Effect of Hermetic storage on physico-chemical and functional properties of grain legumes. M.Phil dissertation, PGIA, University of Peradeniya, Sri Lanka  
**Severed as senior supervisor**
4. Ms. R.F. Hafeel-2010: Effect of Storage Methods on Grain Quality of Different Rice Varieties in Sri Lanka. M.Phil by research only dissertation, PGIA, University of Peradeniya, Sri Lanka  
**Severed as senior supervisor**

M.Sc. Students completed : 25 (2005 – 2022)

PhD students being graduated : 01

Ms. S.P. Rebeira: since 2013-todate: Diversity of grain physical physicochemical and nutraceutical properties of selected representative traditional and improved rice varieties in Sri Lanka. (PGIA Index No. PGIA/2012/386, Board of study of the Agriculture Biology)  
**Severing as senior supervisor**

## COMPLETED RESEARCH GRANTS

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1. Investigating the capacity of selected plant proteins to self-assemble into the forum of nanofibrils. **Co-investigator:** University of Peradeniya research grant number – RG/2014/02/Ag
2. Analysis of Nutraceutical Properties of Selected Rice Varieties in Sri Lanka. University of Peradeniya research grant number –RG/2014/09/Ag

3. Effect of Hermetic storage on physico-chemical and functional properties of grain legumes. **Principal Investigator:** Funded by National Research Council (NRC), Sri Lanka. Grant No. NRC 12-050
4. Increasing the shelf-life of whole pasteurized goat and buffalo milk by identifying the optimum pasteurized conditions. **Principal Investigator:** Funded by National Science Foundation (NSF), Sri Lanka, Grant No. RG/2008/AG/06
5. Influence of storage method and duration on grain quality of different rice types in Sri Lanka. **Co-Investigator:** Funded by National Science Foundation (NSF), Sri Lanka. Grant No: RG/2005/AG/04
6. Effect of processing condition on glycemic index (GI) of locally grown rice varieties of Sri Lanka. **Co-investigator:** Funded by Sri Lanka Council for Agricultural Research Policy (CARP), Sri Lanka, Grant No: 12/679/509

## REVIEWING OF SCIENTIFIC PAPERS AND PROPOSALS

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**Web of Science Journals** : 18 (2009-2022)

- 2023: Cogent Food and Agriculture Journal - Reviewer (Taylor & Francis)
- 2022: Journal of the National Science Foundation (2) –National Science Foundation Sri Lanka
- 2020: Crop Protection
- 2019: Cereal Chemistry – AACC - Reviewer (Wiley Online Library)
- 2019: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2019: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2018: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2018: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2018: Anais da Academia Brasileira de Ciências (Annals of the Brazilian Academy of Sciences) - Reviewer
- 2018: Food Chemistry – Reviewer (Elsevier Journal)
- 2016: Chemical and Biological Technologies in Agriculture - Reviewer (Springer open accesses Journal)
- 2016: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2015: Journal of Stored Products Research - Reviewer (Elsevier Journal)
- 2015: The Philippine Agricultural Scientist- Reviewer (UPBL Journal Philippine)
- 2013: International Food Research Journal - Reviewer (Malaysian Journal)
- 2010: Journal of the National Science Foundation of Sri Lanka - Reviewer (Sri Lankan Journal of NSF)
- 2009: Bulletin of Insectology - Reviewer (Italy, University of Bologna Journal)

Other Indexed Journals : 20 (2005-2022)

National Proposals : 04 (2012-2022)

## PROFESSIONAL DEVELOPMENT AND TRAINING

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- 26-28 Sep. 2022: “**Sri Lanka Technology Transfer: Value Sharing Through Licensing Session 6: Negotiation Workshop**”, Kathmandu, Nepal. Organized by U.S. Department of Commerce, Commercial Law Development Program (CLDP).
- 1 – 3 Dec. 2020: Workshop on **Advanced Postharvest Technologies for Horticultural Crops** (Virtual Session) organized by the Asian Productivity Organization (APO) and hosted by the National Productivity Organization, Pakistan. (Participant ID: 19-AG-08-GE-WSP-B)

- Dec. 2019-Jan. 2020: Completed UNIDO “**Auditor Training Programme on Certification of Educational Programmes based on ISO/IEC 17065:2012**” organized by EU-Sri Lanka Trade Assistance Project, Colombo, Sri Lanka.
- 11-12 Sep. 2017: **Sri Lankan Institutional Intellectual Property Policy Working Group**. Organized by World Intellectual Property Organization (WIPO) and U.S. Department of Commerce, Commercial Law Development Program (CLDP). Colombo, Sri Lanka
- 24-28 July 2017: **National Patent Drafting course**. Jointly organized by National Intellectual Property Office in Sri Lanka (NIPO), World Intellectual Property Organization (WIPO) and Ministry of Industry and Commerce with Japan Patent Office (JPO) in Colombo, Sri Lanka
- 26 Oct. - 4 Nov. 2016: **US Training** Programme on Sri Lanka technology transfer consultations. Universities and Technology-Based Economic Development, U.S. Department of Commerce, Commercial Law Development Program (CLDP). Alexandria, VA; Princeton, NJ; and Pittsburgh, PA, USA
- 1 July - 21 July 2015: **Soybean Production and Processing Technology** and Capacity Building for Developing Countries in Asia and Africa. Changsha City, Hunan Province, China
- 26-30 Sep. 2011: Training programme on **Capacity Building in Cleaner Production** for University Academics. Organized by National Cleaner Production Center (NCPC), Colombo, Sri Lanka
- 10 June 2008: **GLOBALGAP** course. By Trade Capacity Building Branch, UNIDO, Vienna. At Gall face hotel, Colombo 03, Sri Lanka

## **PROFESSIONAL SERVICES FOR NATIONAL AND INTERNATIONAL ORGANIZATIONS**

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- 2022 Dec.-20 Apr. 2023: **National Specialist in Post-harvest Management** and Value addition for Fruits, FAO of the United Nations (GCP/SRL/073/CPR).
- From 2022: **Associate Editor** of the Sri Lankan Journal of Biology - Institute of Biology Sri Lanka
- From 2020: **Domain Experts on Intellectual Property (IP)** Advisory committee, University of Peradeniya
- 2017-2019: **IP member of working group committee** on Development of an Intellectual Property Policy – University of Peradeniya, Sri Lanka
- 01 Oct. – 30 Nov. 2008: United Nations Industrial Development Organization (UNIDO) as a **Technical Expert in ISO 22000 Standard** (Food Safety Management System) from in Sri Lanka (ID #: 921234 SA NO. UR/IND/08/073 (398))
- 2009-2010: **Technical expert** for the Sri Lanka Standard Institute, Colombo, Sri Lanka
- 2006-2009: **Secretary of the Board of Study Food Science and Technology** and member of the teaching panel of the Board, Postgraduate Institute of Agriculture, (PGIA) University of Peradeniya, Sri Lanka

- 2006-2009: **Course coordinator of M.Sc. Food Science & Technology**, PGIA, University of Peradeniya, Sri Lanka
- 2005-2006: **Member of the Board of Management** Institute of Postharvest Technology (IPHT), Ministry of Agriculture, Colombo, Sri Lanka

## **POSITIONS OF PROFESSIONAL SOCIETIES AND MEMBERSHIPS**

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- 2022 to date: **Vice president** of the Institute of Biology (IOB)-Sri Lanka
- 2016-2018: **Vice president** of the Institute of Biology (IOB)-Sri Lanka
- 2015-2016: **Joint Secretary** to the Institute of Biology (IOB)-Sri Lanka
- 2015-2016: **President** of the Peradeniya University Agriculture Faculty Teachers' Association (PUATA)
- 2013-2015: **Council member** of the "Institute of Biology (IOB)-Sri Lanka
- 2010-2012: **Member of the Sri Lankan National Committee** of "Rice Flour Based Industrial Development Programme"

## **NATIONAL SERVICES**

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- 2021-2022: **Co-Controlling Examiner**, GCE (A/L) 2021 examination in Biosystem Technology (66) – Practical Test.
- From 2020: **Research Advisory Committee member**, National Institute of Postharvest Management, Ministry of Agriculture.
- 2010-2012: **Member of the Sri Lankan National Committee** of "Rice Flour Based Industrial Development Programme"
- 2017-2019: **Jury member** to Evaluate Inventions for International Exhibitions 2019. Sri Lanka Inventors Commission (SLIC), Ministry of Science and Technology
- 2005-2006: **Member of the Board of Management** Institute of Postharvest Technology (IPHT), Ministry of Agriculture, Colombo, Sri Lanka

## **INTERNATIONAL CONFERENCES**

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- 7-12 Oct. 2018: 12<sup>th</sup> International Working Conference on Stored Product Protection (**12<sup>th</sup> IWCSPP**) in Berlin, Germany
- 24 - 28 Nov. 2014: 11<sup>th</sup> International Working Conference on Stored Product Protection (**11<sup>th</sup> IWCSPP 2014**). The Empress Hotel Chiang Mai, Chiang Mai, Thailand
- 22 - 26 July 2002: 8<sup>th</sup> International Working Conference on Stored Product Protection (**8<sup>th</sup> IWCSPP**), University of York, York, UK
- 16 - 19 Sep. 2002: 53rd **Deutsche Pflanzenschutztagung** in Bonn, Deutschland (German plant protection conference in Bonn, Germany)
- 3 - 5 Sep. 2001: **IOBC WPRC/ OILB SROP** Working group "Integrated Protection in Stored Products", Lisbon, Portugal

## PUBLICATIONS

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Peer Reviewed Journals	:	34
International Book Chapter	:	01
Books	:	02
Monograph	:	01
Research papers presented in International Conference	:	05

### PEER REVIEWED JOURNALS (2013-2022)

- 2023: Bandara, A.G.A., **Prasantha, B.D.R.**, Kemashalini, K. and Chandrasiri, K.A.K.L. (2023) Physicochemical, rheological and moisture adsorption characteristics of two basmati rice (*Oryza sativa* L.) varieties differing in amylose content. *The Journal of Agricultural Sciences-Sri Lanka*, 18 (1), 154-171. <http://doi.org/10.4038/jas.v18i1.10105>
- 2022: Rebeira, S.P., **Prasantha, B.D.R.**, Jayatilake, D.V., Dunuwila, G.R., Piyasiri, C. H. and Herath, H.M.K.W.P. (2022). A comparative study of dietary fiber content, In vitro starch digestibility and cooking quality characteristics of pigmented and non-pigmented traditional and improved rice (*Oryza sativa* L.). *Food Research International*, 157, 111389 (online first).  
<https://doi.org/10.1016/j.foodres.2022.111389>
- 2022: Rebeira, S.P., Menike, B.M.K.S., Bentota, A., Senanayake, D.M.J.B., **Prasantha, B.D.R.**, Champika, N.D.V., Padmalatha, D.K., and Kumarihamy, K.M.K. (2022). Nutrient Composition and In-Vitro Starch Digestibility of Selected Rice Varieties (*Oryza sativa* L.) in Sri Lanka. *Tropical Agriculturist*, 170 (2), 1-11.
- 2021: Dissanayake, S., Rankoth, L., Gunathilaka, W.M.N.D., **Prasantha, B.D.R.**, and Marambe, B. (2021). Utilizing food legumes to achieve iron and zinc nutritional security under changing climate. *Journal of Crop Improvement*, 35 (5), 700-721.  
DOI: 10.1080/15427528.2021.1872754
- 2021: Sinthu R., **Prasantha B.D.R.** and Hettiarachchi A. (2021). Comparative study of grain quality characteristics of some selected traditional and improved rice varieties in Sri Lanka: a review. *CARP - Sri Lanka Journal of Food and Agriculture*. 7(1), 13-30.  
DOI: <http://doi.org/10.4038/sljfa.v7i1.91>
- 2020: Koralegedara, K. G. I. D., Hettiarachchi, C. A., **Prasantha, B. D. R.** and Wimalasiri, K. M. S. (2020). Synthesis of nano-scale biopolymer particles from legume protein isolates and carrageenan. *Food Technology and Biotechnology*, 58(2), 214-222  
<https://doi.org/10.17113/ftb.58.02.20.6279>
- 2020: **Rohitha Prasantha, B.D.** (2020). Effect of high temperature extracted plant material fume against southern cowpea weevil (*Callosobruchus chinensis* L.) (Coleoptera: Bruchidae) as a non-chemical novel fumigation technique. *Chemical and Biological Technologies in Agriculture*, 7:22.
- 2020: Nirmaan, A.M.C., **Prasantha, B.D.R.** and Peris, B.L. (2020). Comparison of microwave drying and oven drying techniques for moisture determination of three paddy (*Oryza*

- sativa* L.) varieties. *Chemical and Biological Technologies in Agriculture*, 7:1-Jan 23. doi:10.1186/s40538-019-0164-1.
- 2020: **Prasantha, B.D.R.** (2020). Effects of low-pressure storage of food commodities on the mortality of stored product insects. *Sri Lankan Journal of Biology*, 5(1), 8-14. DOI: <http://doi.org/10.4038/sljb.v5i1.52>
- 2019: **Prasantha, B.D.R.**, Wimalasiri, K.M.S. (2019). Effect of HTST thermal treatments on end-use quality characteristics of goat milk. *Hindawi- International Journal of Food Science*, Article ID 1801724, pp. 9 pages, doi.org/10.1155/2019/1801724
- 2019: Nirmaan, A.M.C., **Prasantha, B.D.R.** and Peris, B.L. (2019). Comparison of microwave and oven drying techniques for moisture determination of three different sizes of paddy (*Oryza sativa* L.) varieties. *Annals. Food Science and Technology*, 20(3), 472-479.
- 2019: **Prasantha, B.D.R.**, Reichmuth, Ch. and Adler, C. (2019). Lethality and kinetic of diatomaceous earth uptake by the bean weevil (*Acanthoscelides obtectus* [Say] Coleoptera: Bruchinae): Influence of short-term exposure period. *Journal of Stored Products Research*. 84 (December), 101509, doi.org/10.1016/j.jspr.2019.101509
- 2018: Anjana, J.A, **Rohitha Prasantha, B.D**, Amaratunga, S. and Marambe, B. (2018). Increased rate of potassium fertilizer at time of heading and delayed harvesting enhance the quality of direct-seeded rice. *Chemical and Biological Technique in Agriculture*. 5:22, 1-9. (DOI: doi.org/10.1186/s40538-018-0136-x)
- 2018: Kemashalini, K., **Prasantha, B.D.R.**, Chandrasiri, K.A.K.L. (2018). Physico-chemical properties of high and low amylose rice flour. *Advances in Food Science and Engineering*. 2(4), 115-124. (DOI: 10.22606/afse.2018.24003).
- 2018: **Prasantha, B.D.R.** (2018). Glycemic index of four traditional red pigmented rice. *Integrative Food, Nutrition and Metabolism*. 5(5), 1-3. (DOI: doi.10.15761/IFNM.1000230)
- 2018: **Prasantha, B.D.R.** (2018). Prediction of Moisture Adsorption Characteristics of Dehydrated Fruits Using the GAB Isotherm Model. *Annals of Agriculture and Crop Science* 3(1), 1036-1039. (DOI: id1036 (2018)
- 2017: Somaratne, G.M., **Prasantha, B.D.R.**, Dunuwila, G.R., Chandrasekara, A., Wijesinghe, D.G.N.G., and Gunasekara, D.C.S. (2017). Effect of polishing on glycemic index and antioxidant properties of red and white basmati rice. *Food Chemistry*. 237C, 716-723. (DOI: doi.org/10.1016/j.foodchem.2017.06.002).
- 2016: Hettiarachchi, H.A.P.W., Rebeira, S.P, **Prasantha, B.D.R.** and Wickramasinghe, H.A.M. (2016). Diversity of Physical and Cooking Quality Characters of Selected Traditional and Improved Rice Varieties in Sri Lanka. *Sri Lankan Journal of Biology*. 1(1), 15-26.
- 2015: **Prasantha, B.D.R.**, Reichmuth, Ch., Adler, C. and Felgentreu, D. (2015). Lipid adsorption of diatomaceous earths and increased water permeability in the epicuticle layer of the cowpea weevil *Callosobruchus maculatus* (F.) and the bean weevil *Acanthoscelides obtectus* (Say) (Chrysomelidae). *Journal of Stored Products Research*. 64 (A), 36-41. (DOI: 10.1016/j.jspr.2015.08.003)



- 2014: **Prasantha, B.D.R.**, Hafeel, R.F., Wimalasiri, K.M.S. and Pathirana, U.P.D. (2014). End-use quality characteristics of hermetically stored paddy. *Journal of Stored Product Research*. 59, 158-166 (DOI: 10.1016/j.jspr.2014.07.003).
- 2014: Rebeira, S.P., Wickramasinghe, H.A.M., Samarasinghe, W.L.G. and **Prasantha, B.D.R.** (2014). Diversity of grain quality characteristics of traditional rice varieties in Sri Lanka. *Tropical Agriculture Research*. 25(4), 470-478.
- 2013: **Prasantha, B.D.R.** and Amunogoda, P.N.R.J. (2013). Moisture adsorption characteristics of solar dehydrated mango and jackfruit. *Food and Bioprocess Technology: An International Journal*. 6(7), 1720-1728 (DOI: 10.1007/s11947-012-0832-7).
- 2013: Darandakumbura, H.D.K., **Prasantha, B.D.R.** and Wijesinghe, D.G.N.G. (2013). Effect of processing condition and polishing rate on apparent amylose content of Some Sri Lankan rice varieties. *Tropical Agriculture Research*. 24(4), 317-324.
- 2013: Darandakumbura, H.D.K., Wijesinghe, D.G.N.G. and **Prasantha, B.D.R.** (2013). Effect of processing conditions and cooking methods on resistant starch, dietary fiber and glycemic index of selected rice. *Tropical Agriculture Research*. 24 (2), 163-174 (DOI: 0.13140/RG.2.1.4741.0407).

## BOOK CHAPTER

- Prasantha, B.D.R.** (2020). Promising modified atmosphere storage methods to protect shelf-stable food commodities in Sri Lanka., 509-529. In: De Silva R.P., Pushpakumara, G., Prasada, P. and Weerahewa, J. (Eds.), *Agriculture Research for sustainable Food System in Sri Lanka* Volume II. Springer, Singapore. PP. 529  
[https://doi.org/10.1007/978-981-15-3673-1\\_23](https://doi.org/10.1007/978-981-15-3673-1_23)

## PUBLISHED BOOKS

- Prasantha B.D.R.** and Manamperi C., Dayarathne, V.C. (2014) “Ahara Parisanrakshanye Vidyathmaka Muladharmā (Scientific Principles of Food Preservation)”. S. Godage and Brother Pvt. Ltd. Colombo, Sri Lanka. (ISBN: 978-955-30-4654-3).  
*Recommended as a school library book by the educational publications advisory board, Ministry of Education, Sri Lanka. Number of the license: EPAB/2/9140*
- Prasantha, B.D.R.** (2009) Practical Guide to Food Process Technology – Food Process Engineering. Department of Food Science and Technology Faculty of Agriculture University of Peradeniya, Sri Lanka. Publisher IRQUE project, Faculty of Agriculture, University of Peradeniya, Sri Lanka. (ISBN: 978-955-589-127-1).  
*Recommended as a library book by the educational publications advisory board, Ministry of Education, Sri Lanka. Number of the license: EPAB/2/9127*

## MONOGRAPH

Arampath, P.C., **Prasantha, B.D.R.** and Samarajeewa, U. (2005). Bud to Brew: Quality Assurance in Tea Processing. A Science based vision for the tea industry beyond ISO 22000 International Standard. A monograph by the Department of Food Science and Technology Faculty of Agriculture University of Peradeniya, Sri Lanka (ISBN 955-589-082-X).

Sandirigama, P.M.T.B., Gunawardhana, N., **Prasantha, B.D.R.**, Yapa, Y.P.R.D. and Wickramasinghe, W.A.R.C. (2017). Intellectual Property Policy for University of Peradeniya, University of Peradeniya, Sri Lanka.

## CONFERENCE PROCEEDINGS

2018: Kemashalini, K. and **Prasantha, B.D.R.** (2018). Quality of string-hoppers prepared from high and low amylose rice flour. Proceedings of the International Research Symposium on Postharvest Technology. National Institute of Post-Harvest Management, Anuradhapura, Sri Lanka. Pp. 49-56.

2018: **Prasantha, B.D.R.**, K.M.H. Kumarasinha, K.M.H., Emitiyagoda, G.A.M.S. (2018). Storage of Mungbean in Hermetic PVC Tank. In: C.S. Adler et al. (Eds.), Proceedings of the 12th International Working Conference on Stored Product Protection (IWCSPP) in Berlin, Germany, October 7-11, 2018. Julius-Kuhn-Archiv 463(1), Pp: 441-447. (DOI: doi.10.5073/jka.2018.463.098)

2014: **Prasantha, B.D.R.**, Prasadi, V.P.N. and Wimalasiri, K.M.S. (2014). Effect of Hermetic Storage on End-Use Quality of Mungbean. In: Arthur, F.H., Kengkanpanich, R., Chayaprasert, W. and Suthisut, D. (Eds.). Session 5: Fumigation, Hermetic Storage and Modified Atmospheres. *Proceedings of the 11<sup>th</sup> International Working Conference on Stored Product Protection, Chiang Mai, Thailand (24<sup>th</sup> -28<sup>th</sup> November 2014)*, Pp: 373-384.

2012: **Prasantha, B.D.R.**, Obenland, D., Walse, S., Johnson, J. (2012). High temperature CO<sub>2</sub> treatments for inshell walnuts. International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. In: Gary Obenauf (Ed.), *Proceedings of the Methyl Bromide Alternatives Outreach*, Orlando, Florida, USA, 6<sup>th</sup>-8<sup>th</sup> November, 2012, Pp: 37.1-37.4.  
(<http://mbao.org/2012/Proceedings/37JohnsonJ.pdf>).

2002: **Prasantha, B.D.R.**, Reichmuth, Ch., Hetz, S.K. and Adler, C. (2002). Physiological aspects of diatomaceous earth treated cowpea weevil *Callosobruchus maculatus* (F.) (Coleoptera: Bruchidae); Chemical and Physical Control. In: Credlan, P.E., Armitage, D.M., Bell, C.H., Cogan, P.M. and Highley, E. (Eds.). *Advances in Stored Product Protection. Proceedings of 8<sup>th</sup> International Working Conference on Stored Product Protection, York, UK (22-26 July 2002)*. I, 608-613.

2002: **Prasantha, B.D.R.**, Reichmuth, Ch. and Büttner, C. (2002). Effect of temperature and relative humidity on diatomaceous earth treated *Callosobruchus maculatus* (F.) and *Acanthoscelides obtectus* (Say) (Coleoptera: Bruchidae); Chemical and Physical Control. In: Credlan, P.E., Armitage, D.M., Bell, C.H., Cogan, P.M. and Highley, E. (Eds.).

- Advances in Stored Product Protection. Proceedings of 8<sup>th</sup> International Working Conference on Stored Product Protection, York, UK (22-26 July 2002)*. I, 763-767.
- 2002: **Prasantha, B.D.R.**, Reichmuth, Ch. and Büttner, C. (2002). Effect of diatomaceous earths on the reproductive performance *Callosobruchus maculatus* (Fabricius) (Coleoptera: Bruchidae); *Biology, Detection and Biological Control. Advances in Stored Product Protection. Proceedings of 8<sup>th</sup> International Working Conference on Stored Product Protection, York, UK (22-26 July 2002)*. I, 208-216.
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I hereby certify that the above particular furnished by me are true and correct to the best of my knowledge.

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