



Appendix

APPENDIX

Publications from present work

Kalita, D.; Sarma, B; and Srivastava B. (2017). Influence of germination conditions on malting potential of low and normal amylose paddy and changes in enzymatic activity and physico chemical properties. *Food Chemistry*, 220: 67-75.

Kalita D; Bhattacharya, S; Srivastava B. (2018). Predicting enzymatic starch hydrolysis mechanism during paddy malting by Vibrational spectroscopy and multivariate calibration analysis. *Food Chemistry*. 259: 89-98.

Kalita, D., Bhattacharya, S., & Srivastava, B. (2018). Interrelation between thermal behaviour and pasting properties of malted rice using multivariate analysis. *Thermochimica Acta*, 670, 155-168.

Conference Proceedings (Full papers)

- **Kalita, D.** and Srivastava, B. “**Effect of Germination Conditions on the Pasting Properties of Malted Low Amylose Rice of Assam**” in National seminar cum workshop on Innovative Prospects in Food Processing: Integration of Engineering and Biological Sciences IPFP 2015, March 27-28, 2015 at Tezpur University, Tezpur, Assam. (ISBN: 978-93-84388-06-5)
- **Kalita, D.** and Srivastava, B. “**Physico-Chemical and Malting Properties of Low Amylose Rice of Assam**” in National conference on Emerging Technology Trends in Agricultural Engineering ETAE 2014, November 07-09, 2014 at NERIST, Nirjuli (Itanagar). (ISBN: 978-93-83842-79-7)
- **Kalita, D.** and Srivastava, B. “**Cold Plasma Application for Decontamination of Fresh and Dried Food Products: Review**” in National Conference on Recent Trends in Engineering and Technology NCRTE-2017 Organized by Tripura Institute of Technology to be held on 17-18, March 2017. (Accepted)
- **Kalita, D.** and Srivastava, B. “**Evaluation of starch modification by vibrational spectroscopy: A case study for malted rice flour**” in National Seminar on Trends and Innovation in Food Processing Technology: Prospects and Challenges (TIFPT-2017) organized by Dept. of Food Engineering and Technology, Tezpur University Assam on 9-11th February 2017. (Accepted)

Conference Poster

- **Kalita, D.** and Srivastava, B. “**Potentials of Malted Rice Flour (MRF) in High Energy Density Complementary Food**” in 50th Convention of Indian Society of Agricultural Engineers (ISAE) and Symposium on Agricultural Engineering in Nation building: Contributions and Challenges, January 19-21, 2016 at Orissa University of Agriculture and Technology, Bhubaneswar.
- **Kalita, D**; Makroo, H.A. and Srivastava, B. “**Rheological characteristics of low amylose rice-wild banana based instant baby food**” in 7th International Food Convention (IFCON-2013) on NSURE-Healthy Foods organized by AFST(I), during 18-21 December 2013 at CSIR-CFTRI, Mysore.