

List of Publication and conferences

List of publications

1. Gayary, M. A. and Mahanta, C. L. Optimization of process parameters of osmotic pressure treatment and heat moisture treatment for rice starch using response surface methodology. *Journal of Food Measurement and Characterization*, 14(5):2862-2877, 2020. <https://doi.org/10.1007/s11694-020-00531-z>
UGC CARE LIST GROUP II: <https://www.scopus.com/sources.uri>
2. Gayary, M. A., Marboh, V., Mahnot, N. K., Chutia, H. and Mahanta, C. L. Characteristics of rice starches modified by single and dual heat moisture and osmotic pressure treatments. *International Journal of Biological Macromolecules*, (Manuscript number: IJBIOMAC-D-23-07933R1, revision submitted).

List of poster and papers presented in conferences

- Presented a poster on “Effect of heat moisture treatment of rice starch” in 8th International Food Convention HASHTAG organized by Association of Food Scientists and technologists (India) at CSIR-CFTRI, Mysore, India on 12th -15th December 2018.
- Presented an oral presentation on “Optimization of osmotic pressure treatment of rice starch” in International Conference on technological Innovations for Integration of Food and Health: A Focus on North-Eastern India (TiiFH-2019) at Tezpur University, Tezpur, India during 14th -16th February 2019.
- Presented an oral presentation on “Preparation of modified rice flour by osmotic pressure treatment with optimization through RSM approach” in online International Conference on Emerging Techniques in Food Processing (ETFP-2021) conducted by Ghani Khan Choudhury Institute of Engineering and Technology Malda, India during 25th -26th March 2021.