

## SCIENTIST PROFILE



1. Name & Designation : Torit Baran Bagchi
2. Date of Birth : 13<sup>th</sup> May, 1975
3. Date of joining ICAR : 07<sup>th</sup> July, 1997
4. Date of joining to the present post : 11<sup>th</sup> May, 2011
5. Qualification ( highest degree) : M.Sc. (Ag) (Agricultural Biochemistry)
6. Post Doctoral Research Experience/Training: Nil
7. Area of Specialization/research interest: Plant metabolites and Nutritional quality of rice grain
8. Significant Contribution including products and patents (Five bullets):
  - Nutritional analysis of organic rice
  - Biochemistry and Physiological aspects of heat stress tolerance of rice and grain quality
  - Value added product development from rice bran
9. Awards/Honours: Nil
10. Publications (10 best):
  - i. **Bagchi TB**, Das S, Das A and Sharma SG (2013). Effect of high temperature stress on rice grain quality. **International Symposium**. p250.
  - ii. Chattopadhyay K, Mohanty RM, Mohanty R, Marndi BC, **Bagchi TB** and A Das (2013). Improvement of high yielding varieties for grain protein content in rice. **ARRW Golden Jubilee International Symposium**. p101.
  - iii. Dwivedi N, Jain V, Maini HK, Sujatha KB, Baig MJ, Swain P, **Bagchi TB**, Das A, Sairam RK, Sharma SG and Uprety DC (2012). Response of elevated CO<sub>2</sub> on grain quality of rice cultivars in FACE technology. Int. workshop on Understanding Water-Energy-GHG nexus for future water and food security. New Delhi, India.
  - iv. **Bagchi TB**, Sukul Premasis, Ghosh Bikash (2008). Biochemical changes during off-season flowering in *guava* (*Psidium guajava* L.) induced by *bending and pruning*. **Journal of Tropical Agriculture**: 46.