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EDUCATIONAL QUALIFICATIONS

- **B. Sc. (Ag.):** Bidhan Chandra Krishi Viswavidyalaya
- **M.Sc. (Ag) (Agronomy):** Bidhan Chandra Krishi Viswavidyalaya
- **Ph.D. (Agronomy):** Bidhan Chandra Krishi Viswavidyalaya

PROFESSIONAL AREA

- **Research Area:** Rice agronomy; Cropping system & Farming system research; Organic farming Conservation agriculture
- **Research Interests:** Conservation agriculture; Soil fertility management; Crop modeling; Organic farming
- **Memberships/Fellow of Societies:** Life member of Indian Society of Agronomy; Life member Indian Society of Weed Science; Life member Pantnagar Society of Research, Pantnagar; Life member International Society for Development and Sustainability (ISDS), Japan; Life member Indian Science Congress Association, Kolkata; Editorial Board Member of Advances in Research, International Journal of Applied Agricultural Science (USA), and Just Agriculture e-Newsletter

PUBLICATIONS

- **Research articles : 25**
- **Review articles /Short Communication: 04**
- **Books : 04**
- **Book Chapter: 08**
- **Popular articles: 20**

KEY PUBLICATIONS:

- Pramanick, B.*, Brahmachari, K., Kar, S. and Mahapatra, B.S. 2020. Can foliar application of seaweed sap improve the quality of rice grown under rice – potato – greengram crop sequence with better efficiency of the system? *Journal of Applied Phycology* 32: 3377–3386. <https://doi.org/10.1007/s10811-020-02150-z>.
- Dey, P., Pramanick, B.*, Mahapatra, B.S., Pyne, S. and Pandit, P. 2022. Optimization of seed rate and nutrient management levels can reduce lodging damage and improve yield, quality and energetics of subtropical flax. *Biomass and Bioenergy* 157: 106355. <https://doi.org/10.1016/j.biombioe.2022.106355>.
- Kar, S., Pramanick, B.*, Brahmachari, K., Saha, G., Mahapatra, B.S., Saha, A. and Kumar, A. 2021. Exploring the best tillage option in rice based diversified cropping systems in alluvial soil of eastern India. *Soil and Tillage Research* 205: 104761. <https://doi.org/10.1016/j.still.2020.104761>.
- Singh, S.P., Mahapatra, B.S., Pramanick, B.* and Yadav, V.R. 2021. Effect of irrigation levels, planting methods and mulching on nutrient uptake, yield, quality, water and fertilizer productivity of field mustard (*Brassica rapa* L.) under sandy loam soil. *Agricultural Water Management* 244: 106539. <https://doi.org/10.1016/j.agwat.2020.106539>.
- Dey, P., Mahapatra, B.S., Pramanick, B.*, Kumar, A., Negi, M.S., Paul, J., Shukla, D.K. and Singh, S.P. 2021. Quality optimization of flax fibre through durational management of water retting technology under sub-tropical climate. *Industrial Crops & Products* 162: 113277. <https://doi.org/10.1016/j.indcrop.2021.113277>.
- Laik, R., Singh, S.K., Pramanick, B.*, Kumari, V., Nath, D., Dessoky, E.S., Attia, A.O., Hassan, M.M., Hossain, A. 2021. Improved method of boron fertilization in rice (*Oryza sativa* L.)– mustard (*Brassica juncea* L.) cropping system in upland calcareous soils. *Sustainability* 13, 5037. <https://doi.org/10.3390/su1309503>.
- Kumar, A., Pramanick, B.*, Mahapatra, B.S., Singh, S.P. and Shuka, D.K. 2019. Growth, yield and quality improvement of flax (*Linum usitatissimum* L.) grown under tarai region of Uttarakhand, India through integrated nutrient management practices. *Industrial Crops & Products* 140: 111710. <https://doi.org/10.1016/j.indcrop.2019.111710>.
- Pramanick, B.*, Brahmachari, K., Mahapatra, B.S., Ghosh, A., Ghosh, D. and Kar, S. 2017. Growth, yield and quality improvement of potato tubers through the application of seaweed sap derived from the marine alga *Kappaphycus alvarezii*. *Journal of Applied Phycology* 29: 3253–3260. <https://doi.org/10.1007/s10811-017-1189-0>.
- Pramanick, B.*, Brahmachari, K., Ghosh, A. and Zodape, S.T. 2016. Effect of seaweed saps derived from two marine algae *Kappaphycus* and *Gracilaria* on growth and yield improvement of blackgram. *Indian Journal of Geo-Marine Science* 45(6): 789–794.
- Pramanick, B.*, Brahmachari, K., Ghosh, A. and Zodape, S.T. 2014. Foliar nutrient management through *Kappaphycus* and *Gracilaria* saps in rice-potato-greengram crop sequence. *Journal of Scientific and Industrial Research* 73: 613–617.