

Curriculum vitae

	Dr. Subhradeep Pramanik Assistant Professor of Education (Work Education-Horticulture), Department of Education, Vinaya Bhavana, Visva-Bharati ☎ 9432144960 ✉ subhradeep.pramanik@visva-bharati.ac.in
Education	• 2022- Ph.D (Hort.) in Vegetable Science Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal • 2018- M.Sc. (Hort.) in Vegetable Science Indira Gandhi Krishi Viswavidyalaya, Raipur, Chhattisgarh • 2016- B.Sc. (Hort.) Hons Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, West Bengal • 2012- Higher Secondary (10+2) West Bengal Council of Higher Secondary Education, West Bengal • 2010- Secondary (10th) West Bengal Board of Secondary Education, West Bengal
Languages known (Ability to read, write and speak)	English Bengali Hindi
Doctoral research	Assessment for fruit fly tolerance in putative mutant lines of snake gourd (<i>Trichosanthes anguina</i> L.) in M₂ generation and their further evaluation in advanced generations for yield and quality.
Master research	Studies on vegetable based intercropping system in solid soilless media under protected condition.
Association with research projects	1. <i>Applied mutagenesis by gamma rays in snake gourd (Trichosanthes anguina L.).</i> P.I.- Prof. Manas Kumar Pandit Funding agency: DAE-BRNS, Government of India Project status: Completed (2018-2021) Type of association: JRF (02 years)and SRF (01 year) Experience: 03 years 2. <i>Validation for DUS testing guidelines for pointed gourd</i>

	P.I.- Prof. Arup Chattopadhyay Funding agency: PPV & FRA, Government of India Project status: On-going Type of association: Young Professional II Experience: 1 year 10 months
Publications	Pramanik, S., Singh, J., Kumar, V., & Saxena, R. R. (2018). Effect of intercropping on the growth, yield parameters and yield of tomato and vegetable intercrops in solid soilless culture under protected condition. <i>Journal of Pharmacognosy and Phytochemistry</i>, 7(4), 1655-1658. Pramanik, S., Singh, J., & Gayen, R. (2019). Productivity potential and efficiency and economic feasibility of tomato based intercropping systems in solid soilless media under protected condition. <i>Journal of Pharmacognosy and Phytochemistry</i>, 8(2), 604-609. Pramanik, S., Debnath, P., Pandit, M. K., Gupta, A. K., & Naskar, M. K. (2022). Fruit fly species diversity, population dynamics and infestation rate during fruiting season of snake gourd. <i>South African Journal of Botany</i>, 145, 303-312. https://doi.org/10.1016/j.sajb.2021.09.021 Layek, S., Pramanik, S., Das, A., Gupta, A. K., Bhunia, A., & Pandit, M. K. (2022). Effect of gamma radiation on seed germination and seedling growth of snake gourd (<i>Trichosanthes anguina</i> L.). <i>South African Journal of Botany</i>, 145, 320-322. https://doi.org/10.1016/j.sajb.2021.07.039 Guha Mallick, R., Pramanik, S., Pandit, M. K., Gupta, A. K., Roy, S., Jambhulkar, S., Sarker, A., Nath, R. & Bhattacharyya, S. (2023). Radiosensitivity of seedling traits to varying gamma doses, optimum dose determination and variation in determined doses due to different time of sowings after irradiation and methods of irradiation in faba bean genotypes. <i>International Journal of Radiation Biology</i>, 99 (3), 534-550. https://doi.org/10.1080/09553002.2022.2107723 Bhattacharjee, T., Maurya, P. K., Banerjee, S., Mukherjee, D., Kundu, S., Islam, S. M., Ghosh, T., Pramanik, S., Mandal, A.K. & Chattopadhyay, A. (2022). Genetics of tolerance to bacterial wilt disease in eggplant. <i>International Journal of Vegetable Science</i>, 28(6), 603-617. https://doi.org/10.1080/19315260.2022.2070571 Roy, S., Mukherjee, D., Pramanik, S., Islam, S. M., Banerjee, S., Kundu, S., Ghosh, T., Ghosh, S., Maji, A., Mandal, A.K., Chattopadhyay, A & Hazra, P. (2023). Double cross hybrids could substantially supersede single cross hybrids for yield, fruit quality and tolerance to tomato leaf curl virus disease. <i>International Journal of Vegetable Science</i>, 29(1), 40-57. https://doi.org/10.1080/19315260.2022.2109090

	Das, S., Kundu, S., Banerjee, S., Islam, S. M., Mukherjee, D., Pramanik, S., Ghosh, T., Mandal, A.K. & Chattopadhyay, A. (2022). Heterotic affinity and genetic control of monoecious cucumber (<i>Cucumis sativus</i> L.) inbred line for economic traits and tolerance to downy mildew disease. <i>Annals of Plant and Soil Research</i>, 24(4), 660-669. Lalramhlimi, B., Pramanik, S., Chattopadhyay, S.B., Bhattacharjee, T., Maurya, P.K., Mandal, A.K., Chatterjee, S., Chattopadhyay, A., & Hazra, P. (2023). Response of bacterial biovars to inheritance pattern of bacterial wilt disease in tomato. <i>International Journal of Vegetable Science</i>, 29(5), 425-443. https://doi.org/10.1080/19315260.2023.2243598 Mohanty, P., Pramanik, S., Sengupta, S., Bhattacharjee, T., Maurya, P.K., Banerjee, S., Chakraborty, I., Mandal, A.K., Chatterjee, S., Chattopadhyay, A., & Hazra, P. (2023). Development of tomato hybrid aiming to pyramid Ty genes for imparting tolerance to tomato leaf curl virus disease. <i>International Journal of Vegetable Science</i>, 29:6, 492-515. https://doi.org/10.1080/19315260.2023.2266418 Banerjee, S., Bhattacharjee, T., Maurya, P.K., Pramanik, S., Ghosh, T., Kundu, S., Parvin, N., Baul, D., Mallick, R.G., Ghosh, S., & Ghosh, D.K. (2023). Breeding potential of sweet pepper genotypes involving different fruit colours and shapes using multivariate analysis. <i>Indian Journal of Ecology</i>, 50(5), 1425-1439. doi: 10.55362/IJE/2023/4074 Banerjee, S., Pramanik, S., Bhattacharjee, T., Maurya, P.K., Islam, S.M., Ghosh, D.K., Chattopadhyay, A., & Hazra, P. (2024). Breeding sweet pepper for improvement in yield components and fruit quality traits under low cost protected structure. <i>Journal of Agricultural Science and Technology</i>, 26(2): 343-357. http://dx.doi.org/10.22034/JAST.26.2.343 Sinha, G., Pramanik, S., Maurya, P.K., Mallick, R.G., Baul, D., Bhattacharjee, T., Banerjee, S., Dutta, S., Chatterjee, S., Mandal, A.K., & Chakraborty, I. (2025). Genetic diversity of female clones of pointed gourd (<i>Trichosanthes dioica</i> Roxb.) based on multivariate analysis and inter simple sequence repeat (ISSR) marker. <i>Genetic Resources and Crop Evolution</i>, 72(3):2865-2885. https://doi.org/10.1007/s10722-024-02117-w Ghosh, I., Pramanik, K., Pramanik, S., Gupta, A. K., & Debnath, P. (2025). Studies on species diversity of fruit flies on ash gourd in the New Alluvial Zone of West Bengal. <i>Journal of Entomological Research</i>, 49(2):438-443. Das, S., Sengupta, S., Sarkar, J., Sarkar, M., Mallick, R.G., Baul, D., Pramanik, S., Sinha, G., Gantait, S., Mandal, A.K. & Chattopadhyay, A. (2025). Development of double-cross hybrids as new sources of favourable alleles in future okra breeding. <i>Applied Biological Research</i> 27(4): 493-506.
Book chapter	Chakraborty, I., Chattopadhyay, A., Maity, P., Pahari, A., Pramanik, S., Banerjee, H., Nath, R. & Ray, R.C. (2024). Bio-Valorization of sweet

	potato bagasse into food additives, feeds, and fuels. In <i>Roots, tubers, and bulb crop wastes: management by biorefinery approaches</i> (pp. 133-147). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-99-8266-0_7 Majumder, D., Pramanik, S., Mandal, P., Baul, D., Priyanka, P., Samai, I., Mallick, R.G., Naskar, M.K. and Hossain, A., 2025. Climate change and abiotic stress: a perspective from underground vegetable crop. In <i>Abiotic Stress in Underground Vegetables</i> (pp. 13-38). Academic Press. https://doi.org/10.1016/B978-0-443-23961-8.00002-4 Pal, S., Pramanik, S., Dedhia, L., Karmakar, P. and Behera, T.K., 2024. Genomics-Assisted Approaches for Improving Biotic Stress Response in Pea. In <i>Genomics-aided Breeding Strategies for Biotic Stress in Grain Legumes</i> (pp. 277-325). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-97-3917-2_9 Pramanik, S., Pal, S., Mandal, P., Mahato, R., Mohanty, T.A. and Rao, E.S., 2025. Male Sterility in Watermelon: Current Insights and Advances. In <i>Male Sterility Systems in Vegetable Crop Improvement</i> (pp. 105-124). Singapore: Springer Nature Singapore. https://doi.org/10.1007/978-981-96-3429-3_7
Technical bulletin	Pramanik, S., Baul, D., Sinha, G., Maurya, P.K., Guha Mallick, R., Dutta, S., Mandal, A.K. and Chattopadhyay, A. Cultural Management and DUS characterization of pointed gourd. Technical Bulletin, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia, West Bengal, India, 2025. https://www.researchgate.net/publication/389091750_Cultural_Management_and_DUS_Characterization_of_Pointed_Gourd?tp=eyJjb250ZXh0Ijp7InBhZ2UiOiJwcm9maWxliiwicHJldmlvdXNQYWdlIjoiaG9tZSIsInBvc2I0aW9uIjoicGFnZUNvbnRlbnQifX0
Magazine articles	Mandal, P., & Pramanik, S. (2024, February). Faba bean- a future smart food. <i>AgriTech Today</i>, 1, 75-77.
Training	Training Programme on ‘Recent Advances on Mutation Breeding for Crop Improvement’, 20th to 30th January, 2020 at Bidhan Chandra Krishi Viswavidyalaya, Mohanpur Nadia in collaboration with Bhabha Atomic Research Centre, Mumbai.
Seminar	- National Seminar on “Vegetables for Livelihood and Nutritional Security under Changing Climate Scenario”, 6th and 7th December, 2018, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur, Nadia. - One-day seminar on “Higher Education at the Crossroads” organized by Internal Quality Assurance Cell (IQAC), Visva-Bharati, Santiniketan on 19 March 2025.
Symposium	AICRP (VC) Golden Jubilee National Symposium on “New Opportunities in Vegetable Production for Sustainable Development”, 20th to 22nd December, 2022. Jointly organized by ICAR and AICRP on Vegetable Crops, ICAR- IIVR,

	Varanasi.
Awards, recognition and special attainments	• Award- JRF (AIEEA-PG-2016), Fellowship- NTS, Awarding Agency- Indian Council of Agricultural Research. Admission through AIEEA-PG-2016 in Indira Gandhi Krishi Vishwavidyalaya, Raipur, Chhattisgarh. • Qualified NET examination conducted by Agricultural Scientists Recruitment Board during 2019. • Qualified NET examination conducted by Agricultural Scientists Recruitment Board during 2023.
Extracurricular activities	• Represented Bidhan Chandra Krishi Viswavidyalaya at 14th All India Inter State Agricultural University Youth Festival, Bangalore, Karnataka. • Represented Bidhan Chandra Krishi Viswavidyalaya at 15th All India Inter State Agricultural University Youth Festival, Karnal, Haryana. • Represented Bidhan Chandra Krishi Viswavidyalaya at NSS National Integration Camp at Presidency University, Kolkata.