



**FACULTY OF HORTICULTURE**  
**UTTAR BANGA KRISHI VISWAVIDYALAYA**  
Pundibari, Cooch Behar,  
West Bengal-736165



**CURRICULUM VITAE**

**Name** : Prof. Jagadish Chandra Jana

**Designation** : Professor, Department of Vegetable and Spice Crops and  
**Presently Dean, Faculty of Horticulture, UBKV**

**Official Address** : Faculty of Horticulture, Uttar Banga Krishi Viswavidyalaya  
Post-Pundibari, Dist-Cooch Behar, West Bengal,  
PIN-736165, India  
Phone:+91-3582-270157  
Fax:+91-3582-270756/270143  
E-mail: [deanhortubkv@gmail.com](mailto:deanhortubkv@gmail.com) , [janajc@rediffmail.com](mailto:janajc@rediffmail.com)  
[janabrinjal@gmail.com](mailto:janabrinjal@gmail.com)  
Website: [www.ubkv.ac.in](http://www.ubkv.ac.in)

**Residential and Communication Address:**

Bamanpara, West Khagrabari Road, Khagrabari,  
Post & Dist – Cooch Behar, West Bengal, PIN-736101, India  
Mobile: +91-9475832372  
E-mail: [janajc@rediffmail.com](mailto:janajc@rediffmail.com)  
[janabrinjal@gmail.com](mailto:janabrinjal@gmail.com)

**Date of birth** : 22<sup>nd</sup> October 1969

**Citizenship** : Indian

**Educational Qualification:** M. Sc. (Ag.), Ph. D.

**Date of joining in University Service:** 31<sup>st</sup> December 1997

**Professional Experience** (UG and PG teaching, research and extension works of the Department of Vegetable and Spice Crops):

Designation	Place of posting	Joining date	Leaving date
Lecturer in Vegetable Crops	Regional Research Station(Terai Zone), B.C.K.V., Pundibari, Cooch Behar, W.B.	31 <sup>st</sup> Dec. 1997	30 <sup>th</sup> Dec. 2001
Sr. Lecturer in Vegetable Crops	Regional Research Station (Terai Zone), B.C.K.V., Pundibari, Cooch Behar, W.B.	31 <sup>st</sup> Dec. 2001	19 <sup>th</sup> Nov. 2003
Reader (Asso. Prof.) in Vegetable & Spice Crops	Deptt. of Vegetable & Spice Crops, Faculty of Horticulture, U.B.K.V., Pundibari, Cooch Behar, W.B.	20 <sup>th</sup> Nov. 2003	29 <sup>th</sup> June 2010
Professor	Deptt. of Vegetable & Spice Crops, Faculty of Horticulture, U.B.K.V., Pundibari, Cooch Behar, W.B.	30 <sup>th</sup> June 2010	Continuing

**Administrative Experience:** Head of the Department- 10 years and  
Dean of the Faculty 5 years.

**Specialization:** Breeding and Seed Production of Vegetable and Spice Crops

**Guidance of P. G. Students (awarded):** M. Sc.- 07, Ph. D.- 06

**Seminar / Workshop organized:** National-01, State level-04

**Seminar/ Symposium/ Conference/ Workshop attended:** 26

**Scheme / Project handled:** 02

**Farmers Training Programmes Attended as Resource Person:** 67

**Associated in Variety Development:** Ginger- 'Mohini'-Notified as a National Level Variety, Turmeric-'Suranjana' and 'Rupanjana' –State Level Varieties

**Associated in Development of Production Technology:** Ginger-02 and Turmeric-02

**Television and Radio Programmes:** 08

**Society Membership:** 04

**Published articles:** 50

1. **Jana, J. C.**, Thapa, U. and Maity, T. K. 1999. Green and seed yield of palak (*Beta vulgaris* L. var. *bengalensis* Hort.) as affected by nitrogen fertilization and cutting management. *Vegetable Science*. **26** (1): 61-63. ISSN 0970-6585.
2. Dhar, M., **Jana, J. C.** and Maity T. K.1999. Response of cabbage to sulphur fertilization. *Vegetable Science*. **26** (1): 82-84. ISSN 0970-6585.
3. Maity, T. K., **Jana, J. C.** and Thapa, U. 1999. Crop growth rate and green yield of palak (*Beta vulgaris* L. var. *bengalensis* Hort.) as influenced by nitrogen fertilization and cutting frequencies. *Journal of Andaman Science Association*. **15** (1): 35-38. **ISSN** 0970-4183.
4. **Jana, J. C.** and Bhattacharya, B. 2001. Performance of different promising cultivars of turmeric (*Curcuma domestica* Val.) under terai agro-climatic region of West Bengal. *Environment and Ecology*. **19**(2): 463-465. ISSN 0970-0420.
5. Panja, B. N. and **Jana, J. C.** 2001. White mould disease of *Phaseolus vulgaris* L. from terai region of West Bengal. *Journal of Interacademia*. **5** (1): 121-122. **ISSN** 0971-9016.
6. **Jana, J. C.** and Bhattacharya, B. 2001. Studies on performance of different tomato hybrids during off-season under different planting methods in terai agro-climatic zone of West Bengal. *Journal of Interacademia*. **5** (2): 186-189. **ISSN** 0971-9016.
7. **Jana, J. C.** and Mukhopadhyay, T. P. 2001. Effect of nitrogen and phosphorus on growth and seed yield of cauliflower var. Aghani in terai zone of West Bengal. *Vegetable Science*. **28** (2): 133-136. ISSN 0970-6585.
8. **Jana, J. C.**, Dutta, S. and Chatterjee, R. 2001. Genetic variability, heritability and correlation studies in turmeric (*Curcuma longa* L.) *Research on Crops*. **2** (2): 220-225. ISSN 0972-3226.
9. **Jana, J. C.** and Mukhopadhyay, T. P.2002. Effect of sowing dates and varieties on growth and seed yield of cauliflower (*Brassica*

- oleracea* var. *botrytis* L.) in terai zone of West Bengal. *Seed Research*. **30** (2): 247-252. ISSN 0379-5594.
10. **Jana, J. C.** and Mukhopadhyay, T. P.2002. Effect of nitrogen and phosphorus on growth and seed yield of cauliflower var. Aghani in terai zone of West Bengal. *Seed Research*. **30** (2): 253-257. ISSN 0379-5594.
  11. **Jana, J. C.** and Mukhopadhyay, T. P.2003. Correlation growth and yield parameters with seed yield under varying sowing dates and varieties in cauliflower (*Brassica oleracea* var. *botrytis* L.). *Seed Research*. **31** (1): 58-60. ISSN 0379-5594.
  12. **Jana, J. C.** and Mukhopadhyay, T. P.2003. Effect of sowing dates and varieties on growth and curd yield of cauliflower in terai zone of West Bengal. *Indian Agriculturist*. **47**(3 & 4):235-239. ISSN 0019-4336.
  13. **Jana, J. C.** 2004. Effect of micronutrients on yield and quality of cauliflower seeds. *Seed Research*. **32**(1):98-100. ISSN 0379-5594.
  14. **Jana, J. C.** 2005. Effect of sowing date and variety of French bean on seed yield and quality. *Seed Research*. **33** (1): 111-113. ISSN 0379-5594.
  15. **Jana, J. C.** 2006. Effect of *Azospirillum* and graded levels of nitrogenous fertilizer on growth, yield and quality of ginger (*Zingiber officinale* Rosc.). *Environment and Ecology*. **24S** (3): 551-553. ISSN 0970-0420.
  16. **JANA, J. C.** (2007) Suranjana : a new turmeric of West Bengal. *Indian Horticulture*. **34**(1):27-28. ISSN: 0019-4875.
  17. **JANA, J. C.** 2007. Use of traditional and underutilized leafy vegetables of sub-Himalayan terai region of West Bengal. *Acta Hort*. **752**: 571-575. ISSN: 0567-7572
  18. SARKAR, R. K., DATTA S. & **J. C. JANA** (2007). Effect of pinching on chilli (*Capsicum annuum*). *Indian Journal of Agricultural Sciences*. **77**(12):856-8. ISSN:0019-5022

19. **Jana, J. C.** 2008. Underutilized leafy vegetables of sub-himalayan terai region. In: *Underutilized and Underexploited Horticultural Crops*, Vol-3, Peter, K. V. (Eds.), New India Publishing Agency, New Delhi. pp. 325-339.
20. **Jana, J. C.** and Sinha, P. 2009. Micronutrient disorders in vegetable crops'. In: *Pest Management in Vegetables*, Vol-II, Srivastava, K. P. and Butani, D. K. (Eds.), Studium Press (India) Pvt. Ltd., New Delhi. pp. 479-497.
21. **Jana, J. C.** 2009. Utilization and conservation of cucurbits diversity in sub-Himalayan terai region of India. *Green Farming*. **2**(6): 374-375. ISSN 0974-0775.
22. **Jana, J. C.** and Jha, M. K. 2009. Evaluation of vermicompost and farmyard manure in integrated nutrient management of spinach (*Beta vulgaris* var. *bengalensis* Hort.). *Indian Journal of Agricultural Sciences*. **79**(7):538-541. ISSN 0019-5022.
23. **Jana, J. C.** and Talukder, B. 2009. Response of inoculation with Phosphate Solubilizing Bacteria and Vesicular Arbuscular Mycorrhiza on growth, yield and quality of chilli under sub-Himalayan terai region. *Green Farming*. **2**(8): 510-513. ISSN 0974-0775.
24. Talukder, B. and **Jana, J.C.** 2009. Integrated nutrient management for better growth, yield and quality of green chilli (*Capsicum annuum*) in terai region of West Bengal. *Indian Journal of Agricultural Sciences*. **79**(8):600-603. ISSN 0019-5022.
25. Chatterjee, R., **Jana, J. C.** and Pal, P. K. 2009. Utilization of betelvine boroj for year round production of pointed gourd (*Trichosanthes dioica* Roxb.)- A case study in Cooch Behar district of West Bengal, India. *Green Farming*. **2**(12): 849-851. ISSN 0974-0775.
26. Datta, S. and **Jana, J. C.** 2009. Effect of seasons and fertility levels on yield and quality of chilli (*Capsicum annuum* L) genotypes in terai agroclimatic region. *Indian Journal of Agricultural Sciences*. **79** (11): 917-921. ISSN 0019-5022.

27. Datta, S., **Jana, J. C.** and Choudhuri, P. 2009. Standardization of time for propagation of black pepper under terai zone of West Bengal. *Orissa Journal of Horticulture*. **57**(2): 98-102. ISSN 0973-2180.
28. Datta, S. and **Jana, J. C.** 2010. Genetic variability, heritability and correlation in chilli genotypes under terai zone of West Bengal. *SAARC Journal of Agriculture*. **8**(1): 33-45. ISSN 1682-8348.
29. Chatterjee, R., **Jana, J. C.** and Bandyopadhyay, S. 2010. Growth and multiplication of *Eisenia foetida* during vermicomposting of different vegetable crop residues. *Journal of Soil Biology and Ecology*. **30**(1 & 2):178-187. ISSN 0970-1370.
30. **Jana, J.C.**, Guha, S. and Chatterjee, R. 2010. Effect of planting geometry and nitrogen levels on crop fruit yield quality in okra grown during early winter in terai zone of West Bengal. *Journal of Horticultural Sciences*. **5** (1): 30-33. ISSN 0973-354X.
31. Datta, S. and **Jana, J. C.** 2011. Performance of chilli genotypes (*Capsicum annum* L) genotypes under terai agro-climatic zone of West Bengal, *Indian Journal of Agricultural Sciences*. **81**(6): 567-570. ISSN 0019-5022.
32. Datta, S. and **Jana, J. C.** 2011. Studies on genetic divergence in chilli (*Capsicum* spp.) under sub-Himalayan tracts of West Bengal, *Journal of Crop and Weed*. **7**(1): 44-48. ISSN 0974-6315.
33. Choudhuri, P. and **Jana, J. C.** 2012. Effect of intercropping on nutrient uptake and quality parameter estimation in potato based intercropping system. *Crop Research*. **43**(1, 2 and 3):65-68. ISSN 0970-4884.
34. Choudhuri, P. and **Jana, J. C.** 2012. Effect of intercropping yield and economics of cabbage. *Journal of Crop and Weed*. **8**(1):155-157. ISSN 0974-6315.
35. Choudhuri, P. and **Jana, J. C.** 2012. Influence of intercropping on nutrient uptake and quality parameter estimation in okra based

- intercropping system. *Journal of Interacademia*. **16**(2):234-238. ISSN 0971-9016.
36. Datta, S. and **Jana, J. C.** (2012) Studies on stability of chilli genotypes under terai agro climatic zone of West Bengal. *Journal of Spices and Aromatic Crops*. **21**(1): 71-75. ISSN 0971-3328.
37. Chatterjee, R., **Jana, J. C.** and Paul, P. K. 2012. Enhancement of head yield and quality of cabbage (*Brassica oleracea*) by combining different sources of nutrients. *Indian Journal of Agricultural Sciences*. **82**(4): 323-327. ISSN 0019-5022.
38. Chatterjee, R., **Jana, J. C.** and Paul, P. K. 2013. Vermicompost Substitution Influences Shelf Life and Fruit Quality of Tomato (*Lycopersicon esculentum* Mill.). *American Journal of Agricultural Science and Technology*. **1**: 69-76. ISSN 2162-9676.
39. **Jana, J. C.**, Moktan, P. and Chatterjee, R. 2013. A survey of nitrate concentrations in retail fresh leafy vegetables from daily markets of different locations. *Journal of Green Agricultural Science*. **2**(1):07-10. ISSN 2319-8575.
40. DATTA, S. and **JANA, J. C.** 2014. Studies on stability of chilli genotypes at different fertility levels under terai zone of West Bengal. *Journal of Spices and Aromatic Crops*. **23**(1): 26-31. ISSN: 0971-3328
41. Sarkar, R. K., **Jana, J. C.** and Datta, S. 2014. Effect of different sowing times and spacing on growth, yield and quality of water spinach (*Ipomoea reptans* Poir.) under terai region of West Bengal. *Journal of Applied and Natural Sciences*. **6**(2): 489-494. ISSN 0974-9411.
42. Sarkar, R. K., **Jana, J. C.** and Datta, S. 2014. Effect of cutting frequencies and nitrogen levels on growth, green and seed yield and quality of water spinach (*Ipomoea reptans* Poir.). *Journal of Applied and Natural Sciences*. **6**(2): 545-551. ISSN 0974-9411.
43. Datta, S. and **Jana, J. C.** 2014. Effect of Different Temperature and Rainfall Regimes with Different Levels of Soil Fertility on Uptake

- Pattern of N, P and K of Chilli (*Capsicum annuum* L.) under Terai Zone of West Bengal. *American Journal of Agricultural Science and Technology*. **2** (1): 8-16. ISSN 2162-9676.
44. Anandaraj, M., Prasath, D., Kandiannan, K., John Zachariah, T., Srinivasan, V., Jha, A. K., Singh, A. K., Pandey, V. P., Singh, S. P., Shoba, N., **Jana, J. C.**, Ravindra Kumar, K., and Uma Maheswari, K. 2014. Genotype by environment interaction effects on yield and curcuminin turmeric (*Curcuma longa* L.). *Industrial Crops and Products*. **53**:358– 364. ISSN 0926-6690.
45. Chatterjee, R., Bandhopadhyay, S. and **Jana, J. C.** 2014. Organic amendments influencing growth, head yield and nitrogen use efficiency in cabbage (*Brassica oleracea* var. *capitata* L.). *American International Journal of Research in Formal, Applied & Natural Sciences*. **5**(1):90-95. ISSN 2328-3777.
46. Chatterjee, R., Bandhopadhyay, S. and **Jana, J. C.** 2014. Impact of organic amendments and inorganic fertilizers on production potential, nitrogen use efficiency and nitrogen balance in tomato (*Lycopersicon esculentum* Mill.). *International Journal of Scientific Research in Knowledge*. **2**(5):233-240. ISSN 2322-4541.
47. Datta, S. and **Jana, J. C.** 2015. Stability of chilli genotypes under different fertility level. *Green Farming*. **6**(2): 270-273. ISSN 0974-0775.
48. Basak, D. and **Jana, J. C.** 2016. Yield and quality performance of turmeric varieties grown under conventional and organic nutrient management practices under terai region of West Bengal. *Environment and Ecology*. **34**(3):867-870. ISSN: 0970-0420.
49. Datta, S. and **Jana, J. C.** 2016. Growth, yield and important quality attributes of Chilli (*Capsicum* sp.) genotypes under the sub Himalayan tracts of West Bengal. *Indian Journal of Horticulture*. **73**(1):66-73. ISSN 0972 8538.



50. Datta, S., **Jana, J. C.**, Bhisare, P. T. and Nimbalkar, K. H. 2017. Effect of organic source of nutrients and biofertilizers on growth, yield and quality of turmeric (*Curcuma longa* L.). *Journal of Applied and Natural Sciences*. **9**(4): 1981-1986. ISSN 0974-9411.