

Resume

DR. PARTHA SARATHI PATRA [M. Sc. (Gold Medalist), Ph. D]

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PROFILE:

- Competent, diligent and focused Research Professional, **Doctorate in Agronomy** having over 7 years of research experience, currently associated with **Uttar Banga Krishi Viswavidyalaya as Assistant Professor in Agronomy.**
- Consummate researcher with well-honed skills in scientific research as well as the ability to handle multiple tasks under high pressure and tight deadlines.
- Posses an inquisitive mind, creative thinking, flexible and detail oriented attitude combined with strong analytical & information analysis skills and a proven ability to interact with a diverse range of people in a professional manner.
- Dedicated individual with a reputation for consistently going beyond requirement and using personal high standards to achieve results.
- Strong team leader builder, fostering an atmosphere that motivates highly talented professionals to balance high-level skills with maximum productivity.

Personal details:

Languages Known: Bengali, English & Hindi, **Date of birth:** 01.02.1983, **Gender:** Male

Religion: Hindu, **Nationality:** Indian and **Marital status:** Married

Permanent Address:

C/O-Abani Bhusan Patra, Village: Saluipahari,

Post Office: Saluipahari, Police Station: Hirbandh District-Bankura, West Bengal- 722101

EDUCATIONAL QUALIFICATIONS:

1. 2010- Passed Ph.D. in Agronomy from Uttar Banga Krishi Viswavidyalaya with first division (88.80%).
2. 2006- Passed M. Sc. (Ag.) in Agronomy from Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal, with first division (89.00%).

3. 2004- Passed B. Sc. (Ag.) from Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal, with first division (71.40%).

Research Experience: (7 years and 6 months)

1. Worked as a Senior Research Fellow (SRF) in the ICAR funded research project entitled “Improved management and degumming technology of ramie for higher productivity and better fibre quality Under Technology Mission on Jute (MM-1)” from 29th December, 2006 to 22nd December, 2008.
 2. Worked as a Research Associate (RA) in the ICAR funded research project entitled “Sustainable rural livelihood empowerment project for Northern Disadvantaged Districts of West Bengal, Under National Agricultural Innovation Projects” from 23rd December, 2008 to 8th June, 2012.
 3. Worked as Agronomist in Darjeeling Tea Research and Development Centre, Kurseong under Tea Board of India from 11th June, 2012 to 27th January, 2014.
 4. Worked as Scientist B in Tocklai Tea Research Institute, Jorhat, Assam from 21st February, 2014 to 27th May, 2014.
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Software Proficiency

- Course on Computer Application
- Working knowledge of statistical package namely WINDOSTAT and SPSS

Thesis title of Ph.D.

- Effect of organic sources of nutrients on groundnut (*Arachis hypogaeae* L.) production and its residual effect on succeeding crop under terai region of West Bengal” from Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal

Thesis title of M.Sc.

- Study on production and evaluation of phosphocompost on growth and yield of groundnut in acid soil of terai region.” from Uttar Banga Krishi Viswavidyalaya, Cooch Behar, West Bengal, 2006

Project Undertaken during Graduation

- Rural Agricultural Work Experience (RAWE) programme” in a selected village of Cooch Behar
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Symposium / Seminar / Conference / Workshop/Training attended: (16 Nos)

1. A Seminar Cum Workshop on “Biotechnology : a prelude....” organized by Centre for biotechnology, Acharya B.N. Seal College, Cooch Behar, West Bengal, held during 6th April, 2007.
2. International Symposium on “Jute and Allied Fibres Production, Utilization and Marketing” organized by Indian Fibre Society (Eastern Region), Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata- 700 120.
3. Workshop on “Agro biodiversity of Jute and Allied Fibres“ conducted by Crop Improvement Division of Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata- 700 120.
4. A Training Programme on Tree Borne Oilseed Species: Ecological and Economic Benefits organized by Department of Forestry, Faculty of Horticulture, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal during 24-25th February, 2009.
5. Skill development training programme on vermicomposting organized by Faculty of Agriculture, Uttar Banga Krishi Viswavidyalaya and Palli Siksha Bhavana, Viswa-Bharati during 04-07th March, 2009.
6. National Symposium on “Agriculture in the Paradigm of Intergenerational Equity” organized by Crop and Weed Science Society (CWSS), Bidhan Chandra Krishi Viswavidyalaya at FTC (Lake Hall) on 22-23 May, 2009.
7. UGC sponsored Seminar on Trends in Microbiology jointly organized by Department of Botany, Acharya B. N. Seal College and Department of Plant pathology, Uttar Banga Krishi Viswavidyalaya on December, 20-21, 2009 at A. B. N Seal College, Cooch Behar, W.B.
8. UGC sponsored Seminar on Trends in Biodiversity and Bio resource management organized by Post Graduate Department of zoology, Acharya B. N. Seal College and Department of Forestry, Uttar Banga Krishi Viswavidyalaya on November, 15-16, 2010 at A. B. N Seal College, Cooch Behar.
9. National Seminar on Emerging Challenges and steps for mitigation of productivity constraints in food legumes, organized by AICRP on Groundnut at Bidhan Chandra Krishi Viswavidyalaya, Kalyani, Nadia, West Bengal on November 20th , 2010.
10. International Symposium on “System Intensification towards Food & Environmental Security” organized by Crop and Weed Science Society (CWSS), Bidhan Chandra Krishi Viswavidyalaya at FTC (Lake Hall), Kalyani on 24-27 February, 2011.
11. “Fertilizer Orientation Course” conducted by the fertilizer Association of India-Eastern Region during August 26-27, 2011 at Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal.

12. International Conference on Innovative Approaches for Agricultural Knowledge Management organized by International Society of Extension Education, Nagpur, India and Indian Council of Agricultural Research, New Delhi, India at Vigyan Bhawan and NASC Complex, New Delhi on 9-12 November, 2011.
13. 6th National Extension Education Congress on Emerging Models of Technology application for Agri-rural development organized by Society of Extension Education, Agra, India at ICAR research Complex for Goa, Goa on 17-19 December, 2011.
14. National Symposium on Approaches to Maximizing Crop Productivity organized by The Agricultural Society of India at Institute of Agricultural Science, University of Calcutta, Kolkata on 12-14th January, 2012.
15. Lecture course on “Field Management in Tea” organized by Tea Research Association, Tocklai, Jorhat, Assam on 24-27th July, 2012.
16. UGC sponsored National Seminar on Recent Advances in life Science Application organized by Post Graduate Department of zoology, Acharya B. N. Seal College and Department of Entomology, Uttar Banga Krishi Viswavidyalaya on December, 8 to 9th, 2012 at A. B. N Seal College, Cooch Behar.

POPULAR ARTICLE: (2 Nos)

- Sinha, A. C., **Patra, P.S.** and Bhowmik, Gautam (2007): Production Technology for pre and post harvest aman paddy (Aman dhaner prakchayan o chayanottar uddadan koushal). Annadata masik, October, 2007, pp.45-47.
- Patra, P.S.** and Sinha, A. C. (2009). Improved Technology of Ramie Cultivation (Ramie Chaser Unnata Padhati), Annadata masik, March, 2009, pp.5-7.

RESEARCH PAPER: (National: 27 Nos and International: 3 Nos)

- Bhowmik, G., **Patra, P. S.** and Sinha, A. C. (2012). Growth, Yield, Uptake and Economics of Faba Bean (*Vicia faba L.*) as influenced by levels of biofertilizer and phosphate. *Journal of Interacademia* **16** (2): 247-255.
- Biswas, S., Mahato, B. and **Patra, P. S.** (2011). Studies on effect of potassium fertilizer and some plant protection techniques on pest incidence of cauliflower. *Journal of Crop and Weed*. **7**(1): 113-114.
- Biswas, S., **Patra, P. S.** and Mahato, B. (2010). Efficacy of some vegetable oils and naphthalene in storage condition against *Callosobruchus chinensis L.* infestation. *Green farming I* **(2)**: 174-176.

- De, B., Sinha, A. C. and **Patra, P. S.** (2009). Effect of organic and inorganic sources of nutrients on rapeseed (*Brassica Campestris* L.) under terai region. *Journal of Crop and Weed.* **5** (1): 281-284.
- Haque, S., **Patra, P. S.** and Saha, A. (2012). Growth attributes cob yield and economics of maize (*Zea mays* L.) cultivars as affected by integrated nutrient management under terai region of West Bengal. *Indian Journal of Agricultural Research.***46** (1): 42-47.
- Haque, S., Saha, A., Bandyopadhyay, S. and **Patra, P. S.** (2010). Performance of some maize (*Zea mays l.*) cultivars as affected by integrated nutrient management in terai region of West Bengal. *Crop Research.* **40** (1, 2 & 3):53-58.
- Mula, G., Sarker, S. C., **Patra, P. S.** and Mahato, B. C. (2012). Inter-loaning strategies in Microfinance: A Case Study in Cooch Behar Districts of West Bengal. *Environment and Ecology.***30** (1):45-51.
- Mula, G., Sarker, S. C., Sarkar, A. and **Patra, P. S.** (2012). Demographic characteristics and entrepreneurship development by SHGs under SGSY. A case study in Cooch Behar districts of West Bengal. *Journal of Interacademia* **16** (1):172-184.
- Mula, Gobinda, Sarker, S. C., **Patra, P. S.** and Sarkar, Asutosh (2012). Micro Finance Scenario of Eastern part of India under SGSY. *Journal of Agricultural and Biological Science.* **7**(3):182-187.
- Paramanik, B., Banik, G. C. and **Patra, P. S.** (2012). Characterization of inorganic soil phosphorus in some soils of terai alluvial region of West Bengal. *Journal of Interacademia* **16** (1):94-100.
- Patra, P. S.** and Biswas, S. (2009). Integrated Nutrient Management on growth, yield and economics of maize (*Zea mays* L.) under terai region. *Journal of Crop and Weed.* **5** (1): 136-139.
- Patra, P. S.,** Sinha, B., Paramanik, B. and Mula, G. (2012). Agronomic efficiency, Partial factor productivity and seed yield of groundnut (*Arachis hypogaea* L.) as influenced by different sources of organic manures. *International Journal of Bio-resource and Stress Management.* **3** (2):173-176.
- Patra, P. S.,** Bandyopadhyay, S. & Choudhury, A. (2012). Production and evaluation of phosphocompost on groundnut (*Arachis hypogaea* L.) under acid soil of North-Bengal. *Research Journal of Agricultural Sciences.***3** (1): 262-267.
- Patra, P. S.,** Mula, G., Paramanik, B., Sarker, S. C. and Sarkar, A. (2012). Assessing the economic and social consequences of sustainability of rural livelihood in Eastern India. *African Journal of Agricultural Research.* **7** (33):4660-4668.

- Patra, P. S.,** Sonowal, M. and Biswas, S. (2008). Studies on tillering habit and yield of some *Kharif* rice cultivars as influenced by transplanting dates under terai region of West Bengal. *Journal of Crop and Weed.* **4** (2): 7-9.
- Patra, P.S. and** Bandyopadhyay, S. (2010). Effect of phosphocompost on yield, phosphorus uptake pattern and net income of groundnut (*Arachis hypogaea* L) in acid soil under terai region of West Bengal. *Agricultural Science Digest* .**30** (2): 120-124.
- Patra, P.S. and** Bandyopadhyay, S. (2010). Preparation of phosphorus enriched compost: Effect of doses of rock phosphate and microbial inoculums. *Green farming* **1** (6):580-583.
- Patra, P.S.** and Biswas, S. (2009). Yield and yield attributes of rice cultivars as affected by transplanting dates under terai region of West Bengal. *Environment and Ecology* **27** (4B): 2035-2039.
- Patra, P.S.** and Biswas, S. (2010). Effect of integrated nutrient management on growth, yield and economics of rice (*Oryza sativa* L.) in terai region of West Bengal. *Journal of Interacademia.***14** (3):321-326.
- Patra, P.S.** and Haque, S. (2011). Effect of seedling age on tillering pattern and yield of rice (*Oryza sativa*) under system of rice intensification in Terai region of West Bengal. *Journal of Agricultural and Biological Science.* **6**(1):33-35.
- Patra, P.S.** and Sinha, A. C. (2011). Effect of irrigation levels and evapotranspiration control measures on yield and uptake of ramie (*Boehmeria nivea* L) under terai region of West Bengal. *Environment and Ecology* **29** (1A: 419-423).
- Patra, P.S.** and Sinha, A. C. (2012). Effects of organics on yield, uptake and economics of green gram (*Vigna radiata* L.) production under terai region of West Bengal. *Legume research* **35** (2): 169-172.
- Patra, P.S.** and Sinha, A. C. (2012). Integrated nitrogen management on growth, yield and economics of ramie (*Boehmeria nivea* L) under terai region of West Bengal. *Indian Journal of Agricultural Research.***46** (4): 365-368.
- Patra, P.S.,** Sinha, A. C. and Mahesh, S. S. (2011). Yields and quality of groundnut (*Arachis hypogaea* L.) as affected by organic sources of nutrient. *Indian Journal of Agronomy.***56** (3):237-241.
- Patra, P.S.** and Sinha, A. C. 2012. Studies on organic cultivation of groundnut (*Arachis hypogaea*) in Cooch Behar. *Indian journal of Agronomy.***57** (4):26-29.
- Sarker, S. C., **Patra, P. S.,** Mula, G. and Paramanik, B. (2011). A study on wheat cultivation under zero tillage and conventional tillage practices. *Journal of Crop and Weed.* **7**(1): 33-36.

Sinha, A. C., Kairi, P., **Patra, P. S.** and De, B. (2009). Performance of Aromatic rice varieties under terai region of West Bengal. *Journal of Crop and Weed*. **5** (1):285-287.

Patra, P. S., Bisen, J. S., Kumar, R., Choubey, M., Mazumdar, A. B., Singh, M. and Bera, B. (2013). Effect of climate change on production of Darjeeling tea: A case study in Darjeeling tea research and development centre, Tea Board, Kurseong. *Global Journal of Biology, Agriculture and Health Sciences*. 2(4): 174-180.

Adhikary, P., Shil, S. and Patra, P. S. (2014). Effect of herbicides on soil microorganisms in transplanted chilli. *Global Journal of Biology, Agriculture and Health Sciences*. 3(1): 236-238.

Adhikary, P., Patra, P. S. and Ghosh, R. K. (2014). Efficacy of plant extracts as bioherbicide on weeds in soybean ecosystem. *Green Farming*. 5(3): 486-488.

Extension publication: (4 Nos)

Patra, P. S. and Choudhury, A. 2009. Scientific production techniques for organic manures, Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal, 12 p.

Patra, P. S. 2009. Modern technology for rice (SRI) and wheat cultivation (Zero tillage). Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal, 8 p.

Patra, P. S. and Sarkar, S. 2009. Importance of soil testing and geographic information in agriculture. Uttar Banga Krishi Viswavidyalaya, Ratua, Malda, West Bengal, 8 p.

Patra, P. S. and Bandhyopadhyay, S. 2010. Modern techniques for rice (DSR), wheat and maize cultivation. Uttar Banga Krishi Viswavidyalaya, Pundibari, Cooch Behar, West Bengal, 12 p.

Act as reviewer:

1. African Journal of Bio-technology
 2. African Journal of Microbiology
 3. Scientific Research and Essays
 4. Journal of Agricultural Science
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