

## Faculty Profile



**Title:**

**Name :** Dr. Amrit Tamang

**Father's Name:** Sri. Hari Tamang

**Present Designation:** Assistant Professor

**Present Address:** University quarter, Flat no. A<sub>2</sub>/F<sub>2</sub>, UBKV, Pundibari, Coochbehar

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**Permanent Address:** New line, Near Shiv Mandir, P.O. Birpara, Dist. Alipurduar, West Bengal

**Date of Birth:** 14.02.1980

**Caste :** ST

**Marital Status :** Single

**Academic Qualification:**

Degree	Year	Institution/ Board	Area of Specialization	Percentage of Marks
Ph. D in Agriculture	2011	Bidhan Chandra Krishi Viswavidyalaya	Soil chemistry, Fertility, Nutrient management, nutrient physiology	85.4 %
M.Sc.(Ag) in Agricultural Extension	2007	Bidhan Chandra Krishi Viswavidyalaya	Agricultural Chemistry and Soil Science	84.1 %
B.Sc. (Ag) Hons	2005	Dr. B.R. Ambedkar University, Agra	All agriculture and Allied Subject	73.1 %
Qualified NET	2009, 2010 & 2011	ICAR	Soil Science	-
Any other (Computer)	(Computer) 2001	Diploma 6 month	Photoshop, editing, office	

**Teaching experience and associated courses:**

- Four (4) years of teaching experience. Following are the course catered during this period.

**UG Course: Unrevised**

Three Courses (SSC-351, SSC-401, SSC-403)

Sl.No.	Course No.	Title	Credit Hours
1	SSC-351	Soil Science II (Soil Physics, Soil Genesis and Classification)	2+1
2	SSC-401	Integrated Nutrient Management	2+1
3	SSC-403	Soil Management (Conservation, Problematic Soil and Soil quality)	2+1
4	AC-111(HO)	Introduction to Soil Science	2+1
5	AC-122(HO)	Soil Fertility and Nutrient Management	1+1
6	AC-223(HO)	Soil and Plant Analysis	1+1
7	VCS-411	Protected Cultivation of High Value Horticultural Crops	5+10

**Revised (on the basis of the 4<sup>th</sup> Dean's committee recommendation)**

**PG Course: M.Sc (Ag) in Soil Science and Agricultural Chemistry**

Five Courses (SOILS-501, SOILS-504, SOILS-512, SOILS-514, SOILS-515)

Course No.	Course-Title	Credit Hour
SOILS-501	Soil Physics	2+1
SOILS-504	Soil Mineralogy , Genesis, Classification and survey	2+1

SOILS-512	Analytical Techniques and Instrumental Methods In Soil and Plant Analysis	0+1
SOILS-514	Management of Problematic Soils and Water	2+1
SOILS-515	Fertilizer Technology	1+0

**PhD Course:**

Four Courses (SOILS- 601, SOILS-603, soils-604, SOILS-606)

Course No.	Course-Title	Credit Hour
SOILS- 601	Advance in Soil Physics	2+0
SOILS-603	Physical Chemistry of Soils	2+1
SOILS-604	Soil Genesis and Micropedology	2+0
SOILS-606	Land Use Planning and Watershed Management	2+0

**Other academic activity:**

- Performed as a trainer/lecturer in the training programme organized by KVK, UBKV, District Agriculture Department, WB, Department of Forestry, WB etc. for farmers, Coordinator of IFFCO, fertilizer retailer etc.
- Performed as a Tour Escort for North India study tour of 3<sup>rd</sup> year students.
- Acted as a guide and exam evaluator to train module course students in different field activities in RAWE programme.
- Acted as an expert to mention the extent of relevance of the statement of Ph.D. thesis work on “Organic Farming in Manipur: Benchmark status, motivational factors and livelihood impact”
- Performed invigilation duty for the written test for recruitment of the non-teaching staff of UBKV.
- **Members** of Board of examination, ICAR committee etc
- Conducted JRF coaching classes and examination

**, Previous working Experience:**

- **Senior research fellow:** Worked as a Senior research fellow for about one year in the project entitled “Assessment and mapping of some important soil parameters including macro- and micronutrients in the state of West Bengal for optimum land use plan” under Prof. Biswapati Mandal.
- **Senior research fellow:** Worked as a Senior research fellow in the remote area of Sundarban (Aila devastating area) since September 2010 to May 2012 under the project entitled “Strategies for sustainable management of degraded coastal land and water for enhancing livelihood security of the farming communities” NAIP (COM-III), GEF, World Bank (UNDP) funding under Prof. Biswapati Mandal.
- **Doctoral Research Fellow:** Three years Doctorate of Philosophy research work in Integrated Nutrient Management, Plant nutrition and Quality of some important vegetable crops with a topic “Integrated Nutrient Management for Improvement of Yield and Quality of Tomato (*Lycopersicon esculentum* Mill.), Pointed gourd (*Trichosanthes dioica* Roxb.) and Broccoli (*Brassica oleracea* var. *italica* Plenk.)”

under the Chairmanship of Professor Biswapati Mandal, Bidhan Chandra Krishi Viswavidyalaya.

- **Scientist, Soil Science (KVK):** Worked and gathered the experience of research and extension in farmers field as a Scientist (Soil Science) in KVK, Divyodaya, Chebri, Tripura in 2012 for nearly six months.
- **Assistant Professor (OUAT):** Served as an Assistant Professor, performed as an incharge examination cell and guided a student as a Co-chairman in Orrisa University of Agriculture and Technology, Dept. of Soil Science & Agricultural Chemistry from July, 2012 to July, 2014.
- **Assistant Professor (UBKV):** Working as an Assistant Professor and handling different teaching, research and extension activities at UBKV from July 2014 to till date. Continue\*
- **Dean Student's Welfare (UBKV):** Performing the administrative duties of a Dean student's welfare at UBKV from August 2014 to till date. Continue\*

**Academic Supervising Experience:**

- **Co-Chairman** of Master Degree and Doctoral Degree students.

**Project Exposure and Consultancy:**

- **Act as a Principal Investigator** of the project "Residual effect of Gluphosinate ammonium 13.5% SL on soil physico-chemical properties and microbial activities in tea and cotton" UPL, Pvt. Ltd. **(2015 to Continue)**
- **Co-Principal Investigator** of the project "To evaluate the bio-efficacy and phytotoxicity of gluphosinate ammonium 13.5% SL against weed flora in tea". **(2016 to Continue)**
- **Co-Principal Investigator** of the project " Bio-Efficacy data generation of Clethodium 25% EC on Soyabean crops"Krishi Rasayan Exports Pvt. Ltd. **(2016 to continue)**

**Academic Society Association:**

1. Cooch Behar Association for Cultivation of Agricultural Sciences (COBACAS)
2. Indian Society of Soil Science
3. Indian Science Congress Association

**Training Course coordination:**

**Administrative experience:**

- **Dean student's welfare (UBKV):** Two and half (30 months) year's Administrative experience as a **Dean Students Welfare**, UBKV, Pundibari.
- **Dean**, Faculty of Technology as a when required on acting basis.
- **Head** of the department, Soil science & Agricultural Chemistry as a when required on acting basis.

**Extra curricular Activity:**

- Ex-officio **member-secretary** of Council of student's welfare, which is policy making body in regards to the welfare, healthcare, amenities, accommodation, conduct and discipline of the students.
- **Chairman** of the enquire committee form by Registrar, UBKV to maintain the law and order and discipline within the students of our University.
- **Convener** of the enquire committee form by Honorable Vice-Chancellor, UBKV to maintain the law and order among the non-teaching staff of our University.
- **Convener** of the tutorial/Coaching classes of SC/ST students for personality development in WBCS & Banking services.
- **Members** of Development and planning cell, Anti-ragging committee, admission committee, Anti-ragging squad, Hostel management committee, campus counseling and placement cell etc.
- Performed as a special guest for valedictory session in farmers training programme organized by DBT-sponsored project.
- Performed as a chief guest/special guest for different programme like AGM, cooperative society, Technology week of KVK, Annual or social programme organized by central students union, different annual indoor and outdoor games events, different annual cultural events of CSU.
- Acted as a **Returning Officer** to conducted the election of central students union, UBKV

**University literature publication:****Rural Agricultural Work Experience involvement:**

- Acted as a guide and exam evaluator to train module course students in different field activities in RAWE programme at OUAT & UBKV.

**Resource person:**

- Acted as a resource personal or expert in the different workshop/training programme at KVK,UBKV, Department of Agriculture, West Bengal, Department of Forestry, WB etc. for farmers, Extension officer, input dealer under NMOOP, fertilizer dealers etc.
- Acted as a resource personal in National Brainstorming Workshop for Preparation of Active Guidelines for children's of our nation in National Children's Science Congress.

**Reviewer:****Training Programme Participation:**

- Participated in a 21 days Summer School on the topic "Recent Advances in Statistical Modelling Techniques" in Centre of Advanced Faculty Training, IASRI, New Delhi, during May 31 to June 20, 2013.
- Participated in a training programme on "Participatory practices for sustainable development (PPSD)" organized by BCKV, India and International Institute of Sustainable Development of Colorado State University, USA.

- Participated in 4 days workshop on National Brainstorming Workshop for Preparation of Active Guidelines for children's of our nation in National Children's Science Congress during 14-17<sup>th</sup> Feb, 2010 at Kalyani, West Bengal.
- Participate in the 30 days Foundation Course for Faculty of Agricultural University (FOCFAU), during 1-30 May, 2015 offered by National Academy of Agricultural Research Management (NAARM), Hyderabad

**Scholarships/Fellowships:**

- **Senior research fellowship:** Senior research fellow for about one year in the project entitled "Assessment and mapping of some important soil parameters including macro- and micronutrients in the state of West Bengal for optimum land use plan"
- **Senior research fellowship:** Senior research fellow in the remote area of Sundarban (Aila devastating area) since September 2010 to May 2012 under the project entitled "Strategies for sustainable management of degraded coastal land and water for enhancing livelihood security of the farming communities" NAIP (COM-III), GEF, World Bank (UNDP).

**Award:**

- Rajiv Gandhi National Fellowship award by Universities Grant Commission (UGC) to carry out the research work for Doctorate degree.

**External expert:**

- Performed as a question paper setter and external examiner of Oriisa University of Agriculture and Technology (OUAT), Bhubaneswar.
- Acted as a question paper setter and external examiner of College of Post Harvest Technology & Engineering, Ranipool (Central Agricultural University, Imphal).
- Technical Expert for Improvement and modernization of Soil Testing Laboratory at Salugara, Siliguri on 14, February 2014.

**Publication:**

Full Papers in International Journal: **4**

Full Papers in National Journal: **1**

Review paper:

Research note/ short communication in National Journal:

Extension Literature/Article:

Proceedings paper:

Book Chapters: **3**

Books: **1**

Abstract published: **14**

**List of Publications (Citation style)**

**A. Research Papers in International Journal:**

- Assessment of nutrient management technology for Broccoli to improve productivity and quality, and soil resources in the subtropics by **Amrit Tamang**, Ipsita Das, Kaushik Batabyal, Dibyendu Sarkar, Sidhu Murmu, Biswapati Mandal, Gora Chand Hazra and Ranjan Bhattacharyya. *International Journal of Vegetable Sciences*. (July, 2016 Accepted)
- Comprehensive assessment of nutrient management technologies for cauliflower production under subtropical conditions by Kaushik Batabyal, Biswapati Mandal,

Dibyendu Sarkar, Sidhu Murmu, **Amrit Tamang**, Ipsita Das, Gora Chand Hazra and Partha Sarathi Chattopadhyay. *European Journal of Agronomy*. Vol. 79, 1-13, (2016).

- Assessment of Hydro-chemical Characteristics of Groundwater Collected from the villages of Coastal Sundarbans by Tarik Mitran, Pabitra Kumar Mani, Durgesh Kumar Singh, **Amrit Tamang**, Nirmalendu Basak and Biswapati Mandal. *Journal of Soil Salinity and Water Quality* 8(1), 51-58, (2016)
- Evaluation of bio-efficacy and phytotoxicity of glufosinate ammonium 13.5% SL in tea (*Camellia sinensis* L.) by P. S. Patra, T. Paul, **A. Tamang**, A. Choudhury and Milan Biswas. *American Journal of Research Communication*. Vol. 4(9) (2016).

**B. Research Papers in National Journal:**

- **Tamang, A.** and Basak, R.K. (2010). Reliability of indicator dye method for determination of soil pH. *Environment and Ecology*, 28 (3B): 2121-2128, 2010.

**G. Book Chapters:**

- **A. Tamang**, A. Choudhury, S. Tamang, S. Kheroer, S. Pradhan and I. Das (2016). "Nutrient and water management of ornamental crops under protected cultivation" ISBN 978-81-7910-532-0
- **A. Tamang**, A. Choudhury, S. Tamang, P. S. Patra, N. Basak and T. Mitran (2016). "Growing media and its use under protected cultivation for ornamental crops" ISBN 978-81-7910-532-0
- S. Haque, S. Sharma, A. Das, D. Rai, **A. Tamang** and J. Biswas (2012) "Edible Landscaping — The Perfect Mixture of Beauty and Utility" **Book Chapter**- Pages 63-172, Westvill Publishing House, New Delhi.

**H. Books:**

- Tarik Mitran, **Amrit Tamang**, A. Chattopadhyay, P. K. Mani and B. Mandal (2011). "Vegetable production technology in coastal areas." **Booklet- 52 pg.** BCKV, NAIP, World Bank.

**Participation in International/ National/State level Conferences:**

**Details**

<i>Serial No.</i>	<i>Name of the Seminar/ Symposium/ Conference/ workshop</i>	<i>Place</i>	<i>Date (s)</i>	<i>Year</i>	<i>Duration (Days)</i>
1.	95 <sup>th</sup> Indian Science Congress	Andhra University, Visakhapatnam	3 to 7 <sup>th</sup> January,	2008	5 days
2.	74 <sup>th</sup> Annual Convention of the Indian Society of Soil Science (Poster presentation).	UAS, Bangalore	27 to 30 November	2008	4 days
3.	75 <sup>th</sup> Annual Convention (Platinum Jubilee Symposium) of the Indian Society of Soil Science. (Poster presentation).	IARI Campus, New Delhi	22 to 25 <sup>th</sup> December	2009	4 days
4.	International symposium on "System Intensification Towards Food & Environmental Security". (Poster presentation).	BCKV, Mohanpur, WB	24 to 27 February	2011	4 days

5.	76 <sup>th</sup> Annual Convention of the Indian Society of Soil Science. (Poster presentation).	UAS, Dharwar	16 to 19 <sup>th</sup> November	2011	4 days
6.	International Conference on Food Security and Environmental Sustainability	IIT, Kharagpur	17 to 19 December	2011	3 days
7.	International seminar on “Global Environmental Issues: Changes to Industry, Ecology and Society” (Oral presentation).	University of Kalyani, Nadia, West Bengal	24 to 25 <sup>th</sup> December	2011	2 days
8.	100 <sup>th</sup> Indian Science Congress	University of Kolkata	3 to 7 <sup>th</sup> January	2013	5 days
9.	XI Agricultural Science congress	OUAT, Bhubaneswar	7 to 9 <sup>th</sup> February	2013	3 days
10.	International conference on horticulture for nutritional, livelihood and environmental security in hills: opportunity and challenges	UBKV (Hill campus), Kalimpong	22 to 25 <sup>th</sup> May	2014	4 days
11.	National Conference on “Bioresources Management for Sustenance of Ecosystem and Livelihood”	UBKV, Pundibari West Bengal	26 <sup>th</sup> to 29 <sup>th</sup> November	2015	4 days

**Declaration**

I hereby declare that all the information furnished by me is true to the best of my knowledge and belief.

**Place :** Coochbehar

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(Signature)