



(CURRICULUM VITAE)



Name: *Dr. Saikat Das*

Birth Day: 9th May, 1977

University Employee No: T-84

Marital state: Married

Nationality: Indian

Work address: Directorate of Research, Uttar Banga Krishi Viswavidyalaya, Pundibari, Coochbehar, West Bengal, India-736165

Job title: Assistant Professor in Genetics and Plant Breeding

Additional Job: In-Charge, All India Coordinated Wheat & Barley Improvement Programme, Coochbehar Centre

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Academic Qualification:

- **Bachelor of Science in Agriculture [B.Sc. (Ag.)]**– Bidhan Chandra Krishi Viswavidyalaya–First Class, 2000.
- **Master of Science in Agriculture with specialization on Plant Breeding [M. Sc. (Ag.) in Plant Breeding]** – Faculty of Agriculture – Department of Plant Breeding – Bidhan Chandra Krishi Viswavidyalaya – First Class, 2002.
- **Doctor of Philosophy degree in Agriculture with specialization on Plant Breeding [Ph.D. (Ag.)]** – Faculty of Agriculture – Department of Plant Breeding – Bidhan Chandra Krishi Viswavidyalaya –First Class, 2008.

Other Qualification:

- *ICAR-JRF* – organized by Indian Council of Agriculture – Qualified on 2000 in Plant Biotechnology.
- *GATE* – Organized by Indian Institute of Technology, Qualified on 2003 in Plant Science..
- *ICAR- NET* –Plant Breeding - Conducted by Agricultural Scientists Recruitment Board – Qualified on 2004.

National/International Recognition:

- Fellow of the Society for Advancement of Wheat & Barley Research in India

Awards, Medals and Fellowships:

- National Merit Scholarship in 1994 on the basis of result of Secondary Education

Software knowledge:

- Knowledge in SPSS, GenSTAT, GenRes.etc.

Memberships:

- Founder member of Coochbehar Association for Cultivation of agricultural Sciences (COBACAS) [website: www.cobacas.org]
- Life member:
 1. The Indian Society of Genetics & Plant Breeding, New Delhi.
 2. Crop and Weed Science Society, BCKV, Mohanpur , West Bengal.
 3. Society for Advancement of Wheat & Barley Research in India, Karnal , Haryana
 4. Seed Science Society of Bangladesh, Mymensingh, Bangladesh

Journal Reviewer:

- Journal of Wheat Research (NAAS Score: 4.42)
- Journal of Crop and Weed (NAAS Score: 5.28)
- Journal of Agriculture & Technology (JAT)

Teaching Experience: (*Over Ten years*)

Undergraduate level

- GPB 101& 102 - Principle of Genetics and Cytogenetics(2+1)
- GPB 201- Principles of Plant Breeding (2+1)
- GPB-251-Breeding Field/Horticultural Crops (2+1)
- GPB-404- Bioinformatics (1+2)

Postgraduate level

- GP501–Principles of Genetics (2+1)
- GP503 - Principles of Plant Breeding (2+1)
- GP504 - Principles of Quantitative Genetics (2+1)
- GP507–Heterosis Breeding (2+1)
- GP 601- Plant Genetic Resources and their Utilization (2+0)
- GP 603- Genomics in Crop Improvement (2+1)

External question setter& evaluator:

1. OUA&T, Orissa
2. BAU, Sabour, Bihar
3. BCKV, Kalyani, West Bengal

Scientific Experience:

National assignments

- Working as Plant Breeder in *All India Coordinated Wheat & Barley Improvement Programme, (AICW&BIP)* Coochbehar Centre, Uttar BangaKrishiViswavidyalaya
- Planning, coordinating and monitoring research trials in various research stations/sub stations under UBKV.
- Monitoring of AICW&BIP programme throughout the country as member of monitoring team
- To act as In-Charge of AICW&BIP programme, UBKV and represent University at National level
- To represent university at All India Wheat & Barley Researchers' Meet as In-Charge

International assignments

- Member of '**Wheat Breeding Roaving Seminar (Objective 4- CSISA)**' at Nepal in 2010.
- Attended '**7th Annual training course on Standardization of Stem Rust Note-taking and Evaluation of Germplasm**' at Kenya in 2015.
- Member of '**In-Season Surveillance Training on Wheat Blast**' at Bangladesh in 2017.

- Attended International training on **Wheat Blast** at USDA, USA and INIAF, Bolivia in 2017.
- Attended **Advanced Wheat Improvement Course (Pathology Module)** in CIMMYT, Mexico in 2017.

Publications: [Total NAAS Impact of Research Article- 63.53 (4.88)]

- **2009**
Das S., Mandal AB and Hazra P. Study of heterosis in brinjal (*Solanum melongena* L.) for yield attributing traits. *Journal of Crop and Weed* 5(2): 25-30.
- **2010**
Das, S.; Mandal, A.B. & Hazra, P. Combining ability for shoot and fruit borer resistance and other quantitative traits in brinjal (*Solanum melongena* L.). *International J. of Plant Sci.* 5(2): 561-565.

Das, S.; Mandal, A.B. & Hazra, P. Genetic diversity in brinjal genotypes under eastern Indian conditions. *Indian J. Hort.* 67 (Special Issue), November 2010: 166-169.

Saikat Das. Genetic diversity of short duration cum late heat tolerant wheat (*Triticum aestivum* L.) genotypes. *Journal of Interacademia* 14(1): 7-12.
- **2011**
Das S. & Mitra B. Performance of different wheat genotypes under various levels of nitrogen in rainfed condition of terai region of West Bengal. *Journal of Crop and Weed* 7(1): 23-25.
- **2012**
Das B, Dash SK, Das Saikat & Saha BC. Effect of boron on pollen sterility in wheat (*T. aestivum* L.). *Indian J of Genet.* 72 (3): 367-371.
- **2013**
Manmatha Hansda, Saikat Das and Biplab Mitra. Competitiveness of Wheat (*Triticum aestivum* L.) genotypes against weed infestation under two different spacings in Sub-Himalayan plains of West Bengal. *J. Wheat Res.* 5(1): 41-44.

Sunita Mahapatra and Saikat Das. Efficacy of different fungicides against spot blotch of wheat in terai region of West Bengal. *J. Wheat Res.* 5(2): 18-21.

Das Saikat. & Mitra Biplab. Performance of wheat genotypes under late and very late sowing in sub-Himalayan plains of West Bengal. *Crop Res* 46(1, 2&3): 32-35.

- **2014**

ManmathaHansda and Saikat Das.Evaluation of drought tolerance indices in bread wheat (*Triticumaestivum* L.) genotypes under post anthesis drought stress.*J.Agric. Technol.*, 1(1): 36-42.

MitraBiplab, MookherjeeSaikat& Das Saikat.Performances of wheat (*Triticumaestivum*) under various tillage and nitrogen management in sub-Himalayan plains of West Bengal. *J. Wheat Res.* 6(2): 150-153.

- **2015**

SouravMaity and Saikat Das.Morphological characterisation of bread wheat (T. aestivum L.) based on Distinctness,Uniformity and Stability (DUS) test. *J. Agric. Technol.*, 2(1&2): 101-106.

B. Mitar and S. Das.Economisation of irrigation schedule in wheat (T. aestivum L.) cultivar under sub Himalayan plains of west bengal. *Journal of Crop and Weed.* 11(2): 122-126.

- **2016**

SouravMaity, Saikat Das and Saha B.C.2016.Study of genetic diversity for grain yield and other agronomic traits of bread wheat (*Triticumaestivum* L.) in acid soils of Terai region of West Bengal. *Electronic journal of Plant Breeding.*7 (1): 55-60.

Book Chapter:

- Chapter 7; Wheat (*Triticumaestivum*) by Saikat Das In *Breeding, Biotechnology and Seed Production of Field Crops* edited by Bidhan Roy, Asit Kumar Basu and Asit B Mandal. 2013. pp: 203-240.

Summer/Winter School:

- **Advances in genetic enhancement and resource conservation technology for enhanced productivity, sustainability and profitability in rice-wheat cropping system.** From 10.01.08 to30.01.08, 21 days, Directorate of Wheat Research, Karnal-132001.
- **Marker assisted selection for enhancement of rust resistance and Quality traits in wheat.** From 05.01.2011 to 25.01.2011, 21 days, Directorate of Wheat Research, Karnal-132001.

Seminar/Symposium/Conference:

- International**

Sl. No.	Programme (seminar/symposium/conference etc.)	Topic	Date	Conducting organization
1..	International Seminar	Quality Seed and Food Security under Changing Climate	February 08-10, 2012.	Bangladesh Agriculture University, Mymensingh, Bangladesh
2.	BGRI Technical Workshop	Commemorating 50 th anniversary of visit of Dr. N.E. Borlaug in India	August 19-22, 2013.	Borlaug Global Rust Initiative (BGRI) at New Delhi, India
3.	International Seminar	Horticulture for nutritional, livelihood and environmental security in hills: opportunity and challenges	May 23-24, 2014	ICHNLESH at Hill campus, Kalimpong, UBKV
4.	International Seminar	Enhancing wheat & barley production with special emphasis on nutritional security	August 22-25, 2014	JNKV, Jabbalpur and DWR, Karnal

- National**

Sl. No.	Programme	Topic	Date	Conducting organization
1.	96 th Indian Science Congress	Agriculture & Forestry Section	January 3-7, 2009.	NEHU, Shillong , Meghalaya
2.	National Symposium	Agriculture in the paradigm of Intergenerational Equity	May 22-23, 2009.	BCKVV, Kalyani, WB
3.	National Seminar	Designing Crops for the Changing Climate	October 30-31, 2009.	Birsa Agricultural University, Ranchi
4.	National Seminar	Contemporary approaches to crop improvement	April 22-23, 2011.	UAS, GKVK Campus, Bangalore
5.	National seminar	Plant Genetic Research for Eastern and North eastern India.	May 11-12, 2012.	ICAR Research Complex for NEH Region, Umiam, Shillong, Meghalaya
6.	100 th Indian Science Congress	Science for Shaping the Future of India.	January 3-7, 2013.	University of Calcutta, Kolkata
7.	National symposium	Bioresources Management for Sustenance of Ecosystem and Livelihood	26-29 November, 2015.	COBACAS, UBKV, West Bengal
8.	National symposium	Enhancing Nutritional Security through Climate Smart Farming Practices	17-18 March, 2017.	COBACAS, UBKV, West Bengal

Web Identification: Faculty website: <http://www.ubkv.ac.in/genetics-and-plant-breeding/>