

RESUME

NAME: DR. AMITAVA DUTTA

DESIGNATION: PROFESSOR

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

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3. ORCID ID: <https://orcid.org/0009-0009-3239-3180>

4. Google Scholar Profile : <https://scholar.google.com/citations?user=2Bq5CF0AAAAJ&hl=en>

5. Researchgate Profile: <https://www.researchgate.net/profile/Amitava-Dutta>

6. DATE OF BIRTH: 17/11/1968

7. DATE OF JOINING TO THE UNIVERSITY: 17/12/2014

8. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D	Kalyani University	2010
MASTER'S	M.Sc. (Ag.) Genetics & Plant Breeding	Bidhan Chandra Krishi Viswavidyalaya	1995
BACHELOR'S	B.Sc (Ag.)	Bidhan Chandra Krishi Viswavidyalaya	1991

9. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	Bidhan Chandra Krishi Viswavidyalaya	17.12.2017	Till date continuing
Associate Professor	Bidhan Chandra Krishi Viswavidyalaya	17.12.2014	16.12.2017
Assistant Botanist [W.B.A.S.(Research)]	Government of West Bengal	01.04.1999	16.12.2014
Agricultural Development Officer (Now ADA) [W.B.A.S.(Administration)]	Government of West Bengal	21.05.1998	31.03.1999

10. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Head, Department of Seed Science and Technology, B.C.K.V. Mohanpur, Nadia	30.05.2019	29.05.2023

11. AREA OF RESEARCH: (Bulleted list)

- Development of crop varieties and their release through Central Variety Release Committee.
- Quality seed production through improvised techniques like seed priming, seed hardening etc.
- Improved seed storage techniques for maintaining seed vigour.
- Study of Biochemical aspects of Seed quality
- Front Line Demonstration and Breeder seed production

12. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	SST-253	Principles of Seed Technology	2+1
	SST-316	Quality Control of Seeds	1+2
	SSTELP-452	Commercial Seed Production	0+10
POST GRADUATE	SST-501	Seed Developmental Biology	1+1
	SST-502	Seed Dormancy and Germination	1+1
	SST-507	Seed Legislation and Certification	2+1
	SST-512	Seed Health Testing and Management	1+1
	SST-591	Seminar-I	1
Ph.D.	SST-601	Hybrid Seed Production Technology	2+1
	SST-602	Organic Seed Production	1+1
	SST-603	Physiology and Biochemistry of seeds	1+1
	SST-606	Advances in Seed Science	2+0
	SST-609	Seed Ecology	1+1

13. NUMBER OF STUDENTS SUPERVISED (Up to Feb.2025):

Master's: 9(Awarded) 3(Continuing)

Doctoral: 4(Awarded) 3(Submitted) 3(Continuing)

14. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	Yield Trial of Trombay Mustard at BCKV	Bhaba Atomic Research Centre (BARC) Mumbai	Completed	PI
2.	Hybrid Sunflower under RKVY project at Pulses and Oilseed Research Station, Berhampore, Govt.of W.B.	Govt. of W.B	Completed	PI

15. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1.	Training on seed production of Oilseed Crops	4 days	Maricha,Mohanpur Krishnagar,Nadia Berhampore Shekhampur	Organiser

16. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

17. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):**Developed Six oilseed varieties and associated with release of one rice variety**

- Developed Sesame Variety **Savitri (SWB 32-10-1)**, released by CVRC during 2008 (Notification No. S.O.2458(E) New Delhi, the 16th October,2008).
- Developed yellow sarson variety **Anushka (YSWB 2011-10-1)** registered at NBPGR with accession No IC 619327 [Notification No. 3482(E)New Delhi, the 7th October,2020].
- Developed another yellow sarson variety **Sanchita (YSWB 2014/2)** registered at NBPGR with accession No IC 620353 [Notification No. 3482(E)New Delhi, the 7th October,2020].
- First hybrid sunflower worker in West Bengal and notified for release one hybrid **Arko provo (WBSH 2021)** (Notification No. S.O. 4065 (E) New Delhi the 31st August 2022).
- Developed **Trombay Bidhan Mustard-204 (TBM-204)**, notified for release (Notification No. S.O. 3220 (E) New Delhi the 5th Sept.2019) in collaboration with Bhaba Atomic Research Centre (BARC) Mumbai.
- Developed **Trombay Bidhan Mustard-143 (TBM-143)**, notified for release (Notification No. S.O. 4065 (E) New Delhi the 31st August 2022) in collaboration with Bhaba Atomic Research Centre (BARC) Mumbai.

18. INTERNATIONAL COLLABORATIONS/ INVOLVEMENT, IF ANY (Bulleted list):

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19. PUBLICATIONS**A. BOOKS**

- **A text book on Principles of Seed Technology (Author: Amitava Dutta)**
 - Year of Publication: 2019; Kalyani Publishers.
- **Seed legislation and certification A text book (Author: Amitava Dutta)**
 - Year of Publication: 2023; Satish Serial Publishing House
- **Quality Control of Seeds (Author: Amitava Dutta)**
 - Year of Publication: 2024; Elite Publishing House
- Practical Manual on Principles of Seed Technology (SST-253)
- Practical Manual on Quality Control of Seeds (ECSST-316)
- Practical Manual on Seed Technology (SST-551)
- Practical Manual on Seed Quality Testing (SST-552)
- Practical Manual on Seed Processing and Storage (SST-602)

B. RESEARCH PAPERS (Best 10)

Sl. No.	Title	Author(s)	Year of Publication	Name of Journal With ID
1.	Effect of storage containers and storage period on physio-biochemical changes in wheat (<i>Triticum aestivum</i> L.) varieties	B Lohitha and A Dutta	2024	International Journal of Advanced Biochemistry Research, 8 (12): 862-867
2.	Influence of terminal clipping and nano-urea on seed yield and quality of rapeseed (<i>Brassica rapa</i> var. yellow sarson)	Srijan Samanta and Amitava Dutta	2024	Journal of Oilseed Brassica, 15 (2): 210-215, July 2024
3.	Effect of seed priming treatments along with micropot techniques for quality seed production in sunflower (<i>Helianthus annuus</i> L.)	P. K. GHOSH AND A. DUTTA	2022	Journal of Crop and Weed, 18 (2): 200-206
4.	Pattern of seed development in sunflower (<i>Helianthus annuus</i> L.) as influenced by seed priming	Pabitra Kumar Ghosh and Amitava Dutta	2022	The Pharma Innovation Journal; 11 (7): 322-326
5.	Biopriming in chickpea (<i>Cicer arietinum</i> L.): An ecofriendly approach for quality seed production	B Lohitha and A Dutta	2022	<i>The Pharma Innovation Journal</i> : 11 (2): 375-379
6.	Sanchita (YSWB 2014/2) and Anushka (YSWB 2011-10-1) - two yellow sarson (<i>Brassica rapa</i> var. yellow sarson L.) varieties notified for West Bengal	Amitava Dutta , K N Mandal , S K Sahoo , R Das , S Roy , S Sarkar , Shankar Bhujbal , Archana Rai and Sanjay J Jambhulkar	2021	Journal of Oilseeds Research 38 (2): 207-210

7.	Trombay Bidhan Mustard-204 (TBM-204): A high yielding yellow seed coat mustard [<i>Brassica juncea</i> (L.) Czern. &Coss.] variety notified for West Bengal	Amitava Dutta, Sanjay J Jambhulkar, Archana N Rai, Shankar Bhujbal, H Banerjee, R Das, S Dewanjee, S Sarkar, M Pramanik and S Mandal	2019	Journal of Oilseeds Research 36 (4): 220-224,
8.	YSWB 2011-10-1 (Anushka)- a new yellow sarson (<i>Brassica rapa</i> var. yellow sarson L.) variety suitable for cultivation in West Bengal	A. DUTTA	2017	Journal of Crop and Weed, 13 (3): 07-09
9..	Performance of sunflower (<i>Helianthus annuus</i> L) hybrids under West Bengal condition	A.Dutta	2015	Journal of Oilseeds Research 32 (2): 129-131
10.	Genetic divergence of local germplasms of rice (<i>Oryza sativa</i> L) in red and laterite tracts of West Bengal	A.Dutta, P.D.Ghosh, R.Sadhukhan and F. Hossain	2011	Journal of Crop and Weed 7 (1): 26-29


08/03/25

Signature with Date