

# RESUME

**NAME:** PRABIR CHAKRABORTI

**DESIGNATION:** Associate Professor

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**1. OFFICIAL ADDRESS FOR CORRESPONDENCE:**

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**GOOGLE SCHOLAR PROFILE:** \_\_\_\_\_

**3. RESEARCHGATE PROFILE:** \_\_\_\_\_

**4. DATE OF BIRTH:** 14/ 08/ 1964

**5. DATE OF JOINING TO THE UNIVERSITY:** 31/ 10/ 1995

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**6. ACADEMIC PROFILE:**

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D. in Genetics & Plant Breeding	BCKV	1995
MASTER'S	M.Sc. (Ag) in Genetics & Plant Breeding	BCKV	1989
BACHELOR'S	B. Sc. (Ag) Hons.	BCKV	1986

**7. EMPLOYMENT HISTORY: (Starting from present position)**

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Associate Professor F/Ag, Mohanpur	BCKV	31.10.07	continue
READER, F/Ag., Mohanpur	BCKV	01.08.06	30.10.07
BREEDER, KAKDWIP (READER) RRS,	BCKV	31.10.04	31.07.06
BREEDER, KAKDWIP (Lecturer, Sr. scale) RRS,	BCKV	04.09.02	30.10.04
WHEAT BREEDER (Lecturer, Sr. scale)	BCKV, N B Campus (AICRP on Wheat & Barley)	31.10.99	03.09.2002
WHEAT BREEDER (Lecturer)	BCKV, N B Campus (AICRP on Wheat & Barley)	01.12.95	30.10.99
Lecturer (R)	Directorate of Research, Kalyani	31.10.95	30.11.95

**8. ADMINISTRATIVE POST(S)/ RESPONSIBILITY(IES) (IF ANY)**

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1.	Nodal Officer, ICAR-AICRP on Seed (Crops)	18.05.2015	continue
2.	Head, Dept. of Seed Science & Technology	30.05.2015	29.05.2019
3.	Head, Dept. of Seed Science & Technology	30.05.2023	continue
4.	Co-ordinator, ELP programme	2021	2022

**9. AREA OF RESEARCH : (Bulleted list)**

- Crop breeding programme, particularly Wheat
- Enhancement Seed quality
- Assessment of physiological and bio-chemical activity during post-fertilization seed development and germination
- Characterization of released and / or improved varieties/hybrids using morphological, biochemical and molecular markers for varietal identity
- Maintenance/improvement in seed health, seed processing in different field and horticultural crops.

**10. COURSES ASSOCIATED WITH:**

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDER GRADUATE	1) SST-253; 2) ECSST-316; 3) ELP-452	1) Principles of Seed Technology; 2) Quality control of Seed; 3) Commercial seed Production	1) 2+1; 2) 1+2; 3) 0+10
POST GRADUATE	1) SST-503; 2) SST-506; 3) SST-509; 4) SST-510	1) Seed Production ...Field Crops 2) Seed Production Forage Crops 3) Seed Quality testing ... 4) Seed Technology of Tree sp.	1) 2+1 2) 1+1 3) 1+1 4) 1+1
Ph.D.	1) SST-604; 2) SST-605; 3) SST-608; 4) SST-692	1) Genetic Purity and DUS testing 2) Seed Vigour and Crop productivity 3) Germplasm conservation Technique 4) Seminar II	1) 2+1 2) 1+1 3) 1+1 4) 0+1

**11. NUMBER OF STUDENTS SUPERVISED:**

Master's. :19; Doctoral :11

**12. RESOURCE PERSON FOR OTHER INSTITUTES (involvement in teaching or working as member of academic/ research bodies of other organizations, if any)**

- 1) External Member of Ph D Research Advisory Committee, **Institute of Agricultural Science, Calcutta University, Kol-19**
- 2) Academic Expert of different Short courses and Syllabus committee in **West Bengal State Council Of Technical & Vocational Education And Skill Development**

**13. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES**

Crop and Weed Science society, BCKV, West Bengal

**14. PROJECT ACTIVITIES**

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1.	'Upgradation of Seed Production Potential of Wheat through Quality Improvement under West Bengal condition' *	NADP, Ministry of Agriculture, Govt. of India	Completed	PI
2.	"Sustainable Farming System to enhance and ensure Livelihood Security of poor in Purulia, Bankura and West Midnapore Districts of West Bengal"	NAIP, Component-3, ICAR, Govt. of India.	Completed	Associated Scientist

**15. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME****A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
	Farmers Training on Seed Production	3days, 2016	One day in each Farm of Kalyani, Mondouri, Chakdah	Organizer
	Farmers Training on Seed Production	4 days, 2017	One day in each Farm of Kalyani(2), Mondouri, Chakdah	Organizer
	Farmers Training on Seed Production	3 days, 2018	One day in each Farm of Kalyani, Mondouri, Chakdah	Organizer
	Farmers Training on Seed Production	4 days, 2019	One day in each Farm of Kalyani, Mondouri, Chakdah	Organizer
	Farmers Training on Seed Production	3 days, 2020	One day in each Farm of Kalyani, Mondouri, Chakdah	Organizer
	Farmers Training on Seed Production	5 days, 2023	One day in each Farm of Kalyani(3), Mondouri, Chakdah	Organizer
	Farmers (TSP) Training on Seed Production	3 days, 2024	Birbhum	Organizer
	Farmers (SCSP) Training on Seed Production	2 days, 2024	One day each for Haringhata and Birbhum	Organizer

**B. ATTENDED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

**16. SEMINAR/ SYMPOSIUM/ WORKSHOP etc****A. ORGANIZED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

**B. ATTENDED**

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	National symposium on 'Coastal resources & their sustainable management: Issues & Strategies'	Nov.24-27, 2005	Lake Hall, BCKV, Kalyani, West Bengal	Poster
2	National Conference on 'Frontiers of Plant Physiology towards sustainable Agriculture'	Nov.05-07, 2009	AAU, Jorhat, Assam.	Oral
3	International Conference on 'FRONTIERS IN BIOLOGICAL SCIENCES'	Oct.,01-03, 2010	NIT, Rourkela, Orissa	Oral
4	National seminar on "Emerging challenges and steps for mitigation of productivity constrains in food legumes"	Nov. 20, 2010	FACC (Lake Hall), BCKV, Kalyani, West Bengal.	Oral
5	International seminar on 'System Intensification towards Food & Environment security'	Feb.24-27, 2011	FACC, BCKV, Kalyani, West Bengal.	Oral
6	National seminar on 'Agro-meteorological research and services to combat climate change challenges'	Dec. 9-10, 2011	FACC, BCKV, Kalyani, West Bengal.	Oral
7	National conference on 'Safe food for All'	Feb.21-23, 2012	Instt. Of Agriculture, Viswa-Bharati, W. B.	Oral
8	National symposium on 'Approaches to maximzing Crop productivity'	Jan.12-14, 2012	Instt. Of Agricultural Science, Univ. of Calcutta, West Bengal	Oral
9	National symposium on 'In quest of second green revolution'	Feb.26-28, 2013	Instt. Of Agricultural Science, Univ. of Calcutta, West Bengal	Oral
10	International seminar on 'Integrating Agriculture & allied research: Prioritizing ..... livelihoods'	Nov.6-9, 2014	FACC, BCKV, Kalyani, West Bengal.	Oral
11	National seminar on 'Innovations in Traditional Agriculture'	Nov.15-16, 2013	GBPUA&T, Pantnagar, Utrtrakhand.	Oral
12	International Symposium on 'Next Generation approaches for sustainable development of Hill and Upland Horticulture'	Nov.5-7, 2015	Sikkim University, Gangtok, Sikkim.	Poster
13	National seminar on "Sustainable agriculture for Food security and better environment"	17-18 Jan., 2015	FACC (Lake Hall), BCKV, Kalyani, West Bengal.	Oral
14	National symposium on 'Recent trends in Agriculture and allied sciences for better tomorrow (NSRTAS -2016)'	Dec. 04, 2016	Institute of Agriculture, Viswa-Bharati, Sriniketan	Oral
15	National symposium on 'Recent trends in Agriculture and allied sciences for better tomorrow (NSRTAS -2016)'	Dec. 04, 2016	Institute of Agriculture, Viswa-Bharati, Sriniketan	Chairman, Poster Session
16	International Symposium on "ECO – EFFICIENCY IN AGRICULTURE & ALLIED RESEARCH"	Jan. 20-23, 2017	FACC (Lake Hall), BCKV, Kalyani, West Bengal.	Oral
17	National Conference on "Enhancing Nutritional Security through Climate Smart Farming Practices"	Mar., 17-18, 2017	RRS (HZ) UBKV, Kalimpong, West Bengal.	Poster
18	National symposium on 'Towards climate smart agriculture- A key to livelihood security'	Dec.9-11, 2017	Instt. Of Agricultural Science, Univ. of Calcutta, West Bengal	Poster
19	National symposium on 'Recent Advances On Floriculture And Urban Horticulture In Global Perspective (NASRAFUH-18)'	Jan. 4-5, 2018	FACC (Lake Hall), BCKV, Kalyani, West Bengal.	Rapid talk

20	International conference on 'Livelyhood promotion, Bio-diversity conservation and social security in Indian Sundarbans'	Dec. 7-9, 2018	Jharkhali, Basanti, West Bengal	Chairman, Technical session III
21	International conference on 'Livelyhood promotion, Bio-diversity conservation and social security in Indian Sundarbans'	Dec. 7-9, 2018	Jharkhali, Basanti, West Bengal	Oral
22	National seminar on " Strengthening of seed systems in the North Eastern .... Regions - problems, prospects and policies'	Feb. 3-5, 2019	ICAR-Research Comp. for NEH Region, Imphal, Manipur.	Poster
23	9th National Seed Congress	Feb.19-21, 2019	BHU, Varanasi, U.P.	Oral
24	International conference on 'Pulses as the Climate smart crops: Challenges and Opportunities'	Feb. 10-12, 2020	Bhopal, M.P.	Oral
25	International seminar on 'Agricultural Innovations for sustainable development .... Natural farming'	30 sept. – 02 oct., 2023	FACC, BCKV, Kalyani, West Bengal.	Oral
26	Annual Workshop of 'All India Co-ordinated Wheat & Barley Improvement Project'	Every year from 1995 to 2008	Different Agril. University	Presenter
27	Annual Workshop of 'ICAR-AICRP ON Seed (Crops)'	Every year from 2015 to 2024	Different Agril. University	Presenter

#### 17. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

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

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#### 19. PUBLICATIONS

##### A. BOOKS

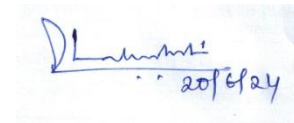
##### B. BOOK CHAPTERS (Best 10)

##### C. RESEARCH PAPERS (Best 10)

#### RESEARCH PAPERS -

Sl. No.	Author/Authors	Year	Title of Paper/ Book or Book Chapter	Journal or Book
1.	P.Chakraborti, P. Roy Choudhury and M.Hossain	1996	Genetical variability and growth pattern of yield attributes in <i>Olitorius jute (C. olitorius L.)</i>	Indian J. Genetics, 56(4): 425-430.
2.	P.Chakraborti and A.K.Basu	2006	<i>In vitro culture for tolerance to NaCl against callus induction and root-shoot bud formation in Sesame</i>	Bangladesh J. Genet. and Biotech., (1 & 2): 79-82
3.	P. Chakraborti and A.Ghosh	2010	Variation in callus induction and root-shoot bud formation depend on seed coat of Sesame genotype	Res. J. of Botany, 5(1): 14-19
4.	Arunima Ghosh and P. Chakraborti	2012	Evaluation of some Mangrove species on the nature of their reproduction along the costal belt of the Indian Sunderbans.	Journal of Threatened Taxa, 4(3): 2427-2435
5.	Prabir Chakraborti and Jayanta Mandal	2017	Allelopathic action of <i>Rauwolfia tetraphylla L.</i> root extracts on gram ( <i>Cicer arietinum L.</i> ) seeds	Journal of Crop and Weed, 13(3): 108-111

6.	Ramprosad Nandi, Prasanta Kumar Bandyopadhyay, Pragun Paul, Amit Karmakar, <b>Prabir Chakraborti</b>	2021	Effect of Water Stress on Growth and Root Characteristics of Lentil	Legume Research- An International Journal, 45(11): 1400-1405; DOI: 10.18805/LR-4305
7.	Shamba Ganguly, A. Roy, S.K.Murmu, D. Sagolsem, M. Sarkar, S. Sen, D. Das, C. Das, <b>Prabir Chakraborty</b> , P.K. Bhattacharyya, R. Nath, K. Tripathi, A. Sarker, Somnath Bhattacharyya	2021	Variation in P-acquisition ability and acid phosphatase activity at the early vegetative stage of lentil and their validation on P-deficiency field	Acta Physiologiae Plantarum 43:109 <a href="https://doi.org/10.1007/s11738-021-03280-8">https://doi.org/10.1007/s11738-021-03280-8</a>
8.	M. Ghosh, J. Gorain, Ashis K. Pal, Bhaswati Saha, <b>Prabir Chakraborti</b> , B. Avinash, Divya M. Pyngrope, S. Banerjee, S. Sarkar.	2021	Study of seed morphology and influence of ageing and storage conditions on germination and seedling vigour of non-Basmati aromatic rice	Journal of Stored Products Research, 93, 10186 3
9.	Bhaswati Saha, Mrityunjay Ghosh, B. C. Patra and <b>Prabir Chakraborti</b>	2022	Standardization of planting time, spacing and nutrient management for traditional red-husked scented rice ( <i>O. sativa</i> ) in West Bengal.	Indian J. of Agronomy; 67(1):6-11
10.	R. Nandi, S. Mukherjee, P. K. Bandyopadhyay, M. Saha, K. C. Singh, P. Ghatak, A. Kundu, S. Saha, R. Nath, and <b>Prabir Chakraborti</b>	2023	Assessment and mitigation of soil water Stress of rainfed Lentil ( <i>Lens culinaris</i> Medik.) through sowing time, tillage and potassic fertilization disparities.	Agricultural Water Management; 277:108120 (1-18)




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Signature with Date