RESUME

NAME: Dr. GOURANGA SUNDAR MANDAL

DESIGNATION: Assistant Professor,

Department of Genetics & Plant breeding

CONTACTS:

1. **OFFICIAL ADDRESS FOR CORRESPONDENCE:**
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5. **GOOGLE SCHOLAR PROFILE:_____**
6. **RESEARCHGATE PROFILE: mandal.gourangasundar@bckv.edu.in**
7. **DATE OF BIRTH: 01/01/1979**
8. **DATE OF JOINING TO THE UNIVERSITY: 21/09/2006**

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9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph.D. in Pl. Pathology	PSB, VB	2024
MASTER'S	M.Sc. in Plant Breeding	BCKV	2003
BACHELOR'S	B.Sc.(Hons) in Agriculture	BCKV	2001

10. EMPLOYMENT HISTORY:(Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor	Deptt. of Genetics and Plant Breeding, BCKV	21/09/2006	Continuing

11. ADMINISTRATIVE POST(S)/ RESPONSIBILIY(IES) (IF ANY)

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Provost of Netaji Abas, Aurovindo Abas	02/01/2012	15/01/2014
2	Provost, Vidyasagar Abas	16/01/2014	07/09/2023
3	Assistant Registrar II	21/06/2021	21/08/2023
4	DDO, Registrar	23/07/2021	26/07/2021
5	Liaison officer, SC/ST Cell, BCKV	31/03/2023	Continuing

12. AREA OF RESEARCH : (Bulleted list)

- **Breeding of Groundnut**
- **Breeding of Stress in different pulses**
- **Breeding of Rice in respect to tolerant of different elements**
- **Molecular breeding**

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	GPB 202 GPB(H) 156 GPB 254 GPB 303 EC 365	Fundamentals of Plant Breeding Principals of Plant Breeding Crop Improvement I (Rabi crop) Crop Improvement II (Kharif crop) Commercial Plant Breeding	3(2+1) 3(2+1) 2(1+1) 2(1+1) 3(1+2)
POST GRADUATE	GPB 502 GPB 511 GPB 512 GPB 591	Principals of Plant Breeding Crop Breeding I (Kharif crop) Crop Breeding II (Rabi crop) Seminer I	3(2+1) 3(2+1) 3(2+1) 1
Ph.D.	GPB 601	Advances in Plant Breeding system	3(3+0)

14. NUMBER OF STUDENTS SUPERVISED:
Master's. - 16 Doctoral - 8

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Development of Groundnut genotypes with fresh seed dormancy by induced mutagenesis suitable for rice based cropping sustem in West Bengal	DAE, BRNS, Govt. Of India	Completed	Co-PI
2	Development of farm & tissue culture units for production and promotion of the meditional plants Stevia as a promising cash crop.	RIDF	Completed	Co-PI

16. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE

17. SEMINAR/ SYMPOSIUM/ WORKSHOP etc ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	Organized Annual Group Meet (*Rabi /summer*,2009-10) of the All India Coordinated Research Project on Groundnut	18-19th September, 2010.	BCKV	Joint Secretary
2	Organized National Seminar entitled, 'Emerging challenges and steps for mitigation of productivity constraints in food legumes'	20th September, 2010	FACC, BCKV	Joint Secretary

18. PATENTS/ HONOURS/ AWARDS/ RECOGNITION (Bulleted list):

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

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20. PUBLICATIONS

A. BOOKS

1. Mantry, S. K., Mandal, G. S. & Mandal, B. (2022). MAGIC Population: Development and Application. In B. Mandal (Ed), Emerging trands in agriculture: Prospects and opportunities (pp. 127-142). Renu publishers, New Delhi. DOI: 10.30954/NDP-Emerging.13

2. Ghosh, S. K., Karmaker, R.,Pramanik, K. and Mandal, G. S. (2022) Application of nano technologyin agriculture and allied science. In G. S. Mandal (Ed.), Futuristic Trends in Agriculture Engineering & Food Sciences. IIP proceedings, 2/ 9/ 3, (pp. 41-51) e-ISBN: 978-93-95632-65-2

B. RESEARCH PAPERS (Best 10)

1. Biswarup Pati, B., Barman, M., Kundu, R., Datta, J., Das, A., Saha, D., Mandal, G. S., Anil Kumar, A., and Mukherjee, S. (2025). Characterization of morpho-physiological and biochemical variations in diverse linseed (*Linum usitatissimum* L.) genotypes reveals terminal heat stress tolerant accessions for genetic improvement and insights into tolerance studies. Euphytica. 221:84 https://doi.org/10.1007/s10681-025-03539-y .

2. Bordolui, S. K., & Mandal, G. S. (2024). Influence of humic acid on yield and yield attributing characters of ridge gourd. American International Journal of Agricultural Studies, 9(1), 27–34. https://doi.org/10.46545/aijas.v9i1.315

3. Jana, S., Kumar, N., Mukherjee, S.,Bhattacharyya, P.K., Mandal, G.S. and Ghoshal, S. (2021). Studies on Character Association and Genetic Divergence in White Jute (*Corchorus capsularis* L.). Indian Journal of Agricultural Research. 55(2): 187-191. DOI: 10.18805/IJARe.A-5437.

4. Bhattacharya, S., Das, A., Banerjee, J., Mandal, S. & Mandal, G. S. (2022). Delineation of Stable High Yielding Lentil Genotypes Through HA-GGE and REML/BLUP Method for Gangetic Alluvial Zone of India. Legume Research. DOI: 10.18805/LR-4928.

5. Ghosh, S. K. and Mandal, G.S. (2025). Sustainable Management of Insect Pests of Tree Borne Oilseed Species and Pesticide Properties of their Oil Extracted. SATSA Mukhapatra. 29, pp. 98-108.

6. Sayan, J., Kumar, N., Mukherjee, S., Bhattacharyya, P.K., Mandal, G.S. and Ghoshal, S., (2020). Studies on Character Association and Genetic Divergence in White Jute (*Corchorus capsularis* L.) . Indian Journal of Agricultural Research. 55(2): 187-191. doi: 10.18805/IJARe.A-5437.

7. Chowdhury, T., Das, A., Mandal, G. S., Bhattacharya, S. and Chatterjee, S,. (2020). Genetic Variability, Character Association and Divergence Study in Urdbean [*Vigna mungo* (L).Hepper]. Int.J.Curr.Microbiol.App.Sci. 9(2):1726-1734. doi: https://doi.org/10.20546/ijcmas.2020.902.198

8. Mandal, G. S., Das, A., Dutta, D., Mondal, B. and Senapati, B.K. (2017). Genetic variability and character association studies in Groundnut (*Arachis hypogaea* L), Sch J Agric Vet Sci 2017; 4(10):424-433.

9. Das, A., Verma, N., Mandal, G.S., Saha, B. and Singh, A.K. (2016). Differential genotypic and growth regulators response in androgenesis of rice (*Oryza sativa* L.). Oryza, 53(4): 366-373

10. Kundu, A., Senapati, B.K., Bakshi, A. and Mandal, G.S. (2008). Genetic variability of panical characters in tall indica aman rice. Oryza, 45(4), 320-323.

09/06/2025