

RESUME

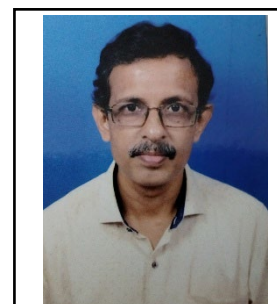
NAME: DR. ANJAN KUMAR PAL

DESIGNATION: PROFESSOR

CONTACTS:

1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

DEPT. OF PLANT PHYSIOLOGY, F/AG.,
BIDHAN CHANDRA KRISHI VISWAVIDYALAYA,
MOHANPUR, NADIA.



2. PHONE : Mobile: 9433678961

WhatsApp: 8017428523

3. EMAIL : **Institutional:** pal.anjan@bckv.edu.in

Alternative: akpbckv@gmail.com

4. ORCID ID: 0009-0008-4752-9645

5. GOOGLE SCHOLAR PROFILE: akpbckv@gmail.com

6. RESEARCHGATE PROFILE: _____

7. DATE OF BIRTH: 24/06/1966

8. DATE OF JOINING TO THE UNIVERSITY: 31.10.1995

9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/ DEPARTMENT	INSTITUTE	YEAR OF PASSING
DOCTORAL	Ph. D. (Agriculture) in Genetics and Plant Breeding	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	1999
MASTER'S	M. Sc. (Ag.) in Genetics and Plant Breeding	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	1990
BACHELOR'S	B. Sc. (Ag.) Hons	BIDHAN CHANDRA KRISHI VISWAVIDYALAYA	1988

10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Professor	BCKV [Dept. of Plant Physiology]	31.10.2010	Continuing
Associate Professor	BCKV [Dept. of Plant Physiology]	31.10.2007	30.10.2010
Reader	BCKV [Dept. of Plant Physiology]	31.10.2004	30.10.2007
Lecturer (Sr. Scale)	BCKV [Dept. of Plant Physiology]	14.04.2000	30.10.2004

Lecturer (Sr. Scale)	BCKV [R.R.S. Terai Zone, Pundibari, N.B. Campus]	30.10.1999	13.04.2000
Lecturer	BCKV [R.R.S. Terai Zone, Pundibari, N.B. Campus]	31.10.1995	29.10.1999

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERIOD	
		From (Date)	To (Date)
1	Head of the Dept. of Plant Physiology	03.05.2016	02.05.2020

12. AREA OF RESEARCH : (Bulleted list)

- Abiotic stress (salinity, drought, heat stress, metal toxicity)
- Source-sink relationship, spatio-temporal pattern of resource allocation and reproductive biology
- Forage physiology

13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	PPH 356	Fundamentals of Crop Physiology	2+1
	PPH (H) 157 (as per 5 th Deans' Committee)	Fundamentals of Crop Physiology	1+1
	EC 424	Plant Developmental Biology	3+1
POST GRADUATE	PP 501	Principles of Plant Physiology-I: Plant Water Relations and Mineral Nutrition	2+1
	PP 502	Principles of Plant Physiology-II: Metabolic Processes and Growth Regulation	2+1
	PP 503	Plant Developmental Biology: Physiological and Molecular Basis	2+1
	PP 504	Physiological and Molecular Responses of Plants to Abiotic Stresses	2+1
	PP 510	Seed Physiology	2+1
	PP 591	Master's Seminar	1+0
Ph.D.	PP 602	Signal Perceptions and Transduction and Regulation of	2+0

	PP 605	Physiological Processes Experimental Techniques to Characterize Plant Processes for Crop Improvement	0+2
	PP 606	Global Climate Change and Crop Response	2+0
	PP 608	Seed and Fruit Growth and their Quality Improvement	2+0

14. NUMBER OF STUDENTS SUPERVISED:

Master's: Degree Awarded : 24 Continuing : 01 (as on 01.03.2024)

Doctoral : Degree Awarded : 09 Continuing : 02 (as on 01.03.2024)

15. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Hybrid jute seed production on mass scale utilizing identified/ induced male sterile lines.	Adaptive Research Council, Govt. of West Bengal	Completed	Co-PI
2	Evaluation of GA 0.45% SL for increasing sugar content and biomass of sugarcane under field condition treating setting/ seed as well as field cane.	M/S Krishi Rasayan Export Pvt. Ltd.	Completed	Co-PI
3	Evaluation of bio-effectiveness, phyto-toxicity and residue of Gibberellic acid 0.45% on chilli.	M/S Krishi Rasayan Export Pvt. Ltd.	Completed	Co-PI

16. CAPACITY BUILDING/FACULTY DEVELOPMENT PROGRAMME 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

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

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

20. PUBLICATIONS

A. BOOKS

B. RESEARCH PAPERS (Best 10)

1. Visha Kumari Venugopalan, Rajib Nath, Kajal Sengupta, **Anjan K. Pal**, Saon Banerjee, Purabi Banerjee, Malamal A. Sarath Chandran, Suman Roy, Laxmi Sharma, Akbar Hossain and Kadambot H. M. Siddique. (2022) Foliar Spray of Micronutrients Alleviates Heat and Moisture Stress in Lentil (*Lens culinaris* Medik) Grown Under Rainfed Field Conditions. *Front. Plant Sci.* 13:847743. doi: 10.3389/fpls.2022.847743.
2. D. Dutta, **A.K.Pal** and P. U. Acharjee (2021) Physiological Studies on Seedling Growth in Groundnut (*Arachis hypogaea* L.) under Interactive Effects of Cadmium and Zinc. *Russian Journal of Plant Physiology*, Vol. 68, Suppl. 1, pp. S82–S91. DOI: 10.1134/S1021443721070025.
3. Atta, Kousik, **Pal, A.K.** and Jana, K. (2020) Effects of salinity, drought and heavy metal stress during seed germination stage in ricebean [*Vigna umbellata* (Thunb.) Ohwi and Ohashi]. *Plant Physiology Reports*, (A Springer Journal), 26 (1): 109-115. DOI: 10.1007/s40502-020-00542-4.
4. De, D.K., Pal, S.K., Ghosh, M., **Pal, A.K.** and Basak, S.(2002) Evaluation of aromatic rice cultivars in foot-hill zone of West Bengal . *Ind. J. Agril .Sc.*, 72:379-382.
5. Ghosh, M., Pal, **A.K., Pal**, S.K. and De, D.K.(2003) Relationship of leaf area and chlorophyll content with yield of aromatic rice. *Indian J.Plant Physiol.*, (Now - *Plant Physiology Reports* 8:199-200.
6. Anushree, Mukherjee, S., Sarkar, K.K., Yumnam, S., Bhanu Priya and **Pal, A.K.** (2013) Dry matter production at different growth phases and its variability in *Corchorus capsularis* L. *Indian J. Genet.*, 73: 216-219.
7. Ali Mohammed Anwar, **Pal, Anjan Kumar**, Baidya, Ananya and Gunri Sunil Kumar (2019) Variation in dry matter production, partitioning, yield and its correlation in groundnut (*Arachis hypogaea* l.) Genotypes. *Legume Research*, DOI: 10.18805/LR-4144 / Article Id: LR-4144.
8. Pal, Apurba and **Pal, Anjan Kumar** (2020) Differential responses on chlorophyll content, osmolyte accumulation and membrane damage parameters under salinity stress on tolerant and susceptible genotypes of groundnut. *Legume Research*, DOI: 10.18805/LR-4284 / Article Id: LR-4284.
9. Atta, K., Sen, J., Chettri, P. and **Pal, A.K.** (2021) . Antioxidant Responses of Ricebean [*Vigna umbellata* (Thunb.) Ohwi and Ohashi] Seedling under Iso-osmotic Potential of Salinity and Drought Stress. *Legume Research*. DOI: 10.18805/LR-4551.

10. V. Umesh Kumar, Soham Hazra, Shouvik Gorai, Anirban Maji, Nasim Ali and **Anjan Kumar Pal** (2025) Screening of Wheat Genotypes with Heat Susceptibility Indices for Yield and its Attributing Characters under Different Sowing Conditions. *International Journal of Bio-resource and Stress Management*, 16(2): 01-13. DOI: <https://doi.org/10.23910/1.2025.5880>.

Dated 3rd March, 2025

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