### **RESUME**

NAME: Dr. Sanjoy Kumar Bordolui

**DESIGNATION:** Assistant Professor (Stage-II)

**CONTACTS:** 8697360121

## 1. OFFICIAL ADDRESS FOR CORRESPONDENCE:

Assistant Professor, Department of Seed Science and Technology, Faculty- Agriculture, Bidhan Chandra Krishi Viswavidyalaya,

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**5. GOOGLE SCHOLAR PROFILE:** 

https://scholar.google.co.in/citations?user=YN8mxOgAAAAJ&hl=en

6.RESEARCHGATE PROFILE: <a href="https://www.researchgate.net/profile/Sanjoy-Bordolui">https://www.researchgate.net/profile/Sanjoy-Bordolui</a>

**7. DATE OF BIRTH:** 05/07/1978

**8.DATE OF JOINING TO THE UNIVERSITY:** 28/05/2014

### 9. ACADEMIC PROFILE:

LEVEL	NAME OF THE DEGREE WITH DISCIPLINE/	INSTITUTE	YEAR OF PASSING
	DEPARTMENT		
DOCTORAL	Ph.D. in Seed Science and	B.C.K.V.	2010
	Technology		
MASTER'S	M.Sc. (Ag.) in Seed Science and	B.C.K.V.	2003
	Technology		
BACHELOR'S	B.Sc. (Ag.) Hons.	B.C.K.V.	2001

# 10. EMPLOYMENT HISTORY: (Starting from present position)

POSITION	ORGANIZATION	PERIOD	
		From (Date)	To (Date)
Assistant Professor (Stage-II)	B.C.K.V.	28/05/2018	continuing
Assistant Professor (Stage-I)	B.C.K.V.	28/05/2014	27/05/2018
Assistant Professor (Stage-III)	B.C.K.V.	28/05/2023 due	Applied CAS

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

SL. NO.	NAME OF THE POST(S)/ RESPONSIBILITY(IES)	PERI	PERIOD	
		From (Date)	To (Date)	
1.	Provost / Hostel related	06.01.2017	Continuing	
2.	Nodal Teacher of Post Matric Scholarship (OASIS portal).	28.07.2022	Continuing	



## 12. AREA OF RESEARCH: (Bulleted list)

- Seed invigoration,
- Priming
- Plant growth regulator
- Hybridization,
- Seed storage
- Germplasm conservation,

## 13. COURSES ASSOCIATED WITH:

LEVEL	COURSE NO.	COURSE TITLE	CREDIT
UNDERGRADUATE	SST-253	Principles of Seed Technology	(2+1)
	ECSST- 316	Quality control of Seed	(1+2)
	ELP 452	Commercial seed production	(0+10)
POST GRADUATE	SST-504	Seed Production Principles and Techniques in Vegetable Crops	2+1
	SST-505	Seed Production Principles and Techniques in Fruits, Flowers, Spices, Plantation and Medicinal Crops	2+1
	SST-508	Post harvest handling and storage of seeds	2+1
	SST-511	Seed Industry and Marketing Management	1+1
Ph.D.	SST-601	Hybrid Seed Production Technology	2+1
	SST-606	Advances in Seed Science	2+0
	SST-607	Advances in Seed Quality Enhancement	1+1
	SST-691	Seminar-I	1
	SST-610	Seed Planning, Trade and Marketing	1+1

# 14. NUMBER OF STUDENTS SUPERVISED:

**Master's:** 10 (Awarded), 3 (Continuing) **Doctoral:** 2 (Awarded), 1 (Submitted), 2 (Continuing)

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

- Worked as **Technical Advisor** (Voluntary Basis) in Gontra Samabai Krishi Unnayan Samity Ltd., Gontra, Nadia. (2003-2014).
- Worked as **Technical Expert** (Voluntary Basis) for maintaining more than one hundred rice germplasms.(2003-2014)
- Resource Person in Social outreach programme on "Seed Treatment campaign" organised by Param Nath Bhaduri Crop Research and Seed Multiplication Farm, University of Burdwan.

- Resource Person in "Vegetable Seed Production" organised by state Agricultural Management and Extension Training Institute and Agriculture Training Centre, Ramkrishna Mission Ashram, Narendrapur, Kolkata, WB.
- Acted as an External Examiner, Question paper setter and Evaluator for HS vocational; Central Agricultural University, Imphal; University of Kalyani; Bihar Agricultural University; UBKV; OUAT; Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI), Ranchi; Tripura University and Centurion University of Technology and Management, Odisha, India.

## 16. LIFE MEMBERSHIP OF ACADEMIC SOCIETIES

- Crop and Weed Science Society (CWSS), BCKV, Nadia, W.B.
- Society for Fertilizers and Environment, Kolkata, WB
- ➤ Society of Agricultural Research and Social Development
- ➤ The Society of Innovative Educationalist & Scientific Research Professional-Chennai®, Chennai, Tamil Nadu, India
- Feere Asuk Sobuj, Barrackpore, Kolkata, WB

#### 17. PROJECT ACTIVITIES

SL. NO.	TITLE OF THE PROJECT	FUNDING AGENCY	ONGOING/ COMPLETED	PI/ Co-PI
1	Studies on bio-efficacy and phyto-toxicity of Gibberelic Acid 0.001% Liquid in	Penshibao Wang Pvt. Ltd.	ONGOING	PI
	Tomato Liquid III			
2	Studies on bio-efficacy and phyto-toxicity of Gibberelic Acid 0.001% Liquid in Potato	Penshibao Wang Pvt. Ltd.	ONGOING	PI
3	Bio-Efficacy Testing & Dosage Optimisation of HumaLite (A Bio-Stimulant formulation) on Ridge Gourd	hFService	COMPLETED	PI
4	Studies on bio-efficacy of Biostimulant (INDIKELP) on Tomato crop	hFService	COMPLETED	PI
5	Up-gradation of market linkage network for promotion of Aromatic and special rice of West Bengal	RKVY	ONGOING	Co-PI
6	"Evaluation of Bio-efficacy &Phytotoxicity of BAS 75200F against sheath blight ( <i>Rhizoctoniasolani</i> ) and dirty panicle disease of Rice"	BASF India Ltd.	COMPLETED	Co-PI
7	"Enhancing pulses production for food and nutritional security improved livelihoods and sustainable agriculture in West Bengal"	ICARDA- South Asia and China Regional Programme.	COMPLETED	Co-PI
8	"Evaluation of Bio-efficacy &Phytotoxicity of IFFCO21 against downy mildew of onion"	Indofil Industries Ltd.	COMPLETED	Co-PI

# 18. CAPACITY BUILDING/FACULTY DEVELOPMENTPROGRAMME

# A. ORGANIZED

SL. NO.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	State level Biosafty Capacity Building Workshop	April 3, 2018	CHRD (FTC- Lake Hall) Kalyani,,	Organizing Committee

# **B. ATTENDED**

SL.	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
NO.				
1	Conservation agriculture for efficient	15 <sup>th</sup> February	ICAR-IARI,	Trainee
	resource use and climate-resilient	to 7 <sup>th</sup> March,	New Delhi	
	farming	2022		
2	Development and Utilization on Genetic	1 <sup>st</sup> to 21 <sup>st</sup>	Department of	Trainee
	and Genomic resources through	December,	Biotechnology	
	Biotechnology for Biotic and Abiotic	2016	(IABT),	
	stress management and quality		University of	
	improvement in field crops		Agricultural	
			Sciences,	
			Dharwad	
3	Medicinal and Aromatic Plants	1 <sup>st</sup> to	Department of	Trainee
	Diversity, Utilization and Their	10 <sup>th</sup> June,	Forestry,	
	Conservation	2021	UBKV,	
			Pundibari, West	
			Bengal	
4	Agriculture 4.0 Precision and Automated	28 <sup>th</sup>	Mahatma Phule	Trainee
	Ag Technologies	September to	Krishi	
		2 <sup>nd</sup> October,	Vidyapeeth,	
		2020	Rahuri	

# 19. SEMINAR/ SYMPOSIUM/ WORKSHOP etc

## A. ORGANIZED

SL.	NAME OF	THE	DURATION	PLACE	ROLE
NO.	<b>PROGRAMME</b>				
1	International Ser	minar on	7 <sup>th</sup> to 9 <sup>th</sup>	Jharkhali,	Joint
	Livelihood promo	otion, bio-	December,	South 24	convener
	diversity conservation	on and social	2018	Parganas, West	
	security in Indian Sur	ndarbans.		Bengal	
2	International Ser	minar on	September	Department of	National
	Ecological and e	nvironmental	25–26, 2019	Plant	Advisor
	sustainability: way	forward for		Pathology,	
	livelihood security.			Palli-	
				SIkshaBhavana	
				(Institute of	
				Agriculture),	
				Visva-Bharati	
3	International Semina	r on "Dr. B.	February 01-	Visva-Bharati,	National
	R. Ambedkar	through in	02, 2020	Santiniketan	Advisor
	contemporary India a	and World".			

5	International Seminar on Agriskills for convergence in research, industry and livelihood.  International Seminar on "Integrating Agriculture & Allied Research: Prioritizing Future potentials for Secure Livelihoods".  Participatory evaluation of some	Nov 28 to Dec 1, 2019  6-9 November, 2014	CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB	Organizing Committee
6	folk rice genotypes.  International Seminar on Eco- Effifeincy in Agriculture & Allied Research (EEAAR 17). Seed quality deterioration of some winter flowers during storage	20-23 January, 2017	CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB	Organizing Committee
7	International Seminar on Agriskills for convergence in research, industry and livelihood. Evaluation of Seed Production Potential of China Aster In New Alluvial Zone	Nov 28 to Dec 1, 2019	CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB	Organizing Committee
8	35 <sup>th</sup> AGM of AICRP on potato cum National Seminar	5 <sup>th</sup> -8 <sup>th</sup> September, 2017	CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB	Organizing Committee

# **B. ATTENDED**

SL · N	NAME OF THE PROGRAMME	DURATION	PLACE	ROLE
1	International Seminar on Livelihood promotion, bio-diversity conservation and social security in Indian Sundarbans.	7 <sup>th</sup> to 9 <sup>th</sup> December, 2018	Deptt of Plant protection, Visva-Bharati and Hiranmaypur AHSTRD, Basanti	Co- Chairman in Technical session
2	International Seminar on Agriskills for convergence in research, industry and livelihood.	Nov 28 to Dec 1, 2019	CWSS, BCKV	Rapporteur
3	International Seminar on Livelihood promotion, bio-diversity conservation and social security in Indian Sundarbans.	7 <sup>th</sup> to 9 <sup>th</sup> December, 2018	Deptt of Plant protection, Visva-Bharati and Hiranmaypur AHSTRD, Basanti	Rapporteur
4	International Conference on Environment Development.  Morphological studies rice varieties.	February 4-8, 2004	Organized by Institute of Social Studies at Science City,	Presenter

			Kolkata	
5	UGC sponsored National Conference  -cum- Workshop on scientific growing of the rural people.  Farmers participatory And cataloguing for effective utilization		Organized by Deptt. Pf Botany, Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly	Presenter
6	International Symposium on Water crises, impact of toxics, global worming and sea level rise in Bengal basin.		Organized by IIBB, GRAI, International Environmental & Ecological Servicas at BCKV, Kalyani	Presenter
7	State level Seminar on 13 <sup>th</sup> West Bengal state Science and Technology Congress. Geengata Sachenata.		Organized by WBRST, WB Govt and Calcutta University at Baliguange Science College, Kolkata	Presenter
8	International Seminar on "Integrating Agriculture & Allied Research: Prioritizing Future potentials for Secure Livelihoods".  Participatory evaluation of some folk rice genotypes.	November,	Organized by CWSS, held at CHRD (FTC- Lake Hall) Kalyani,, Nadia, WB	Presenter
9	National Seminar on "Sustainable Agriculture for Food Security and Better Environment" at B.C.K.V., Prospect of seed production of winter annuals in Gangetic alluvial zone.	17-18 December, 2015	Organized by Dept. of Agronomy, held at CHRD (FTC-Lake Hall) Kalyani,, Nadia.	Presenter
10	National Seminar on "Resource based inclusive Agriculture and Rural development: Opportunities and Challenges".  Genetical Studies of Germplasm in Rabi/ Summer ground (Arachis hypogaea L.)	15-16 January, 2016	Organized by Society for Fertilizers and Environment at IRDM, RKMVU during 15-16 January, 2016.	Presenter
11	International Seminar on Eco- Effifeincy in Agriculture & Allied Research (EEAAR 17). Seed quality deterioration of some winter flowers during storage National Seminar on Maximizing	20-23 January, 2017 March 8,	CWSS, BCKV  Society for	Presenter  Presenter

	fertilizer use efficiency and environmental health for posperty.  Evaluation of nutritional value of some conserved folk rice genotypes	2017	Fertilizers and Environment	
13	National Seminar on Waste management for greener and cleaner environment.  Paddy-fish-duck-azola environment.	25-26 March, 2019	University of Kalyani	Presenter
14	International Seminar on Ecological and environmental sustainability: way forward for livelihood security. Uptake of micronutrient from soil to seed and plant	September 25– 26, 2019	Department of Plant Pathology, Visva-Bharati, Sriniketan	
15	International Seminar on Livelihood promotion, bio-diversity conservation and social security in Indian Sundarbans.  Seed quality deterioration of china aster during storage	7 <sup>th</sup> to 9 <sup>th</sup> December, 2018	Deptt of Plant protection, Visva-Bharati and Hiranmaypur AHSTRD, Basanti	Presenter
16	International Seminar on Agriskills for convergence in research, industry and livelihood.  Evaluation of Seed Production Potential of China Aster In New Alluvial Zone	Nov 28 to Dec 1, 2019	CWSS, BCKV	Presenter
17	National Seminar on Agrochemicals for up keeping environment.  Influence of GA <sub>3</sub> on marigold seed production in Gangetic Alluvial Zone.	Aug 27, 2020	Society for Fertilizers and Environment in collaboration with BCKV	Presenter
18	National Seminar on Strategic agriculture for rural development.  Effect of different storage containers in marigold	30 <sup>th</sup> June, 2020	Ramkrishna Mission Ashram, Narendrapur	Presenter
19	International Seminar on Agriculture, horticulture and plant sciences.  Effect of Different Plant Growth Regulators on Hybrid Rice Seed Production in West Bengal	19-20 Dec, 2020	The Society of Tropical Agriculture, New Delhi	Presenter
20	International Seminar on Integrated approaches towards sustainable management of env. for safe food, nutrition and improved health.  Effect of seed priming and foliar application of GA <sub>3</sub> on tomato seed production in new Alluvial Zone	15-17 Dec, 2021	University of Kalyani	Presenter
21	International Seminar on "Dr. B. R. Ambedkar through in contemporary India and World".  Prospects and Limitations of Synthetic Seeds	13-14 April, 2023	Visva-Bharati, Santiniketan	Presenter

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

- Fellow of CWSS Award 2020-21 (Crop and Weed Science Society)
- Fellow of STA Award 2020 (Society of Tropical Agriculture)
- Innovative Research & Dedicated Teaching Professional Award (2020-2021)
- Fellow of SARSD, Regd. No. ASFM10226 (Society of Agricultural Research and Social Development)
- Fellow of SIESRP, Regd. No. LM17189 9239 (Society of Innovative Educationalist & Scientific Research Professional)
- Best Young Faculty Award 2019 conferred by Novel Research Academy.
- CWSS Young Scientist Award 2016 conferred by Crop and Weed Science Society
- Kanwar Virender Singh Memorial All India Best Publication Award 2022

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

- **&** Editor-in-chief of Research and Reviews: Journal of Environmental Sciences
- **❖ Associate Editor** of "Journal of Crop and Weed" (NAAS 5.46)
- ❖ Member of Editorial Board of *Journal of Modern Agriculture and Biotechnology* (Innovation Forever Publishing Group Ltd.).
- ❖ Member of Editorial Board of *International Journal of Multidisciplinary Research* and *Publications*.
- Guest Editor of Research & Reviews: Journal of Crop science and Technology. https://journals.stmjournals.com/editorial-board-members/

#### 22. PUBLICATIONS

#### A. BOOKS

- ➤ Textbook on Realization of Seed Physiology. ISBN: 978-93-56519-68-8. Published by Narendra Publishing House
- ➤ Seed Marketing: Channel and Distribution System. ISBN: 978-93-91568-07-8. Published by AGROBIOS RESEARCH
- Emerging Trends in Agriculture: Prospects and Opportunities. ISBN: 978-93-92597-50-3. Published by Renu Publishers
- ➤ Mission Seed Technology. ISBN: 978-620-2-52655-5. Published by LAMBERT Academic Publishing.
- ➤ Hater Muthoi Beej Utpadan Prajukti. ISBN: 978-81-944384-1-0. Published by Mehanati Prakashani.
- ➤ Krishi-O-Uddan Biddya Anushilan- Dwitio Bhag. Pub. by Govt. of WB (For H.S. Vocational).
- Krishi Jantrapati-O- Tar Byabhar. Pub. by Govt. of WB (For H.S. Vocational).
- ➤ Kit Shatru-O- Tar Pratikar. Pub. by Govt. of WB (For H.S. Vocational).
- ➤ Veshaja Ebang Sugandhi Udvider Chas. Pub. by Govt. of WB (For H.S. Vocational).

#### **Manuals**

- ➤ Practical Manual on Seed Technology (SST-551). For M.Sc.
- ➤ Practical Manual on Seed Processing and Storage (SST-602). For M.Sc.
- ➤ Practical Manual on Seed Quality Testing (SST-552). For M.Sc.
- ➤ Practical Manual on Principles of Seed Technology (SST-253). For B.Sc. (Ag.) Hons.
- ➤ Practical Manual on Quality Control of Seeds (ECSST-316). For B.Sc. (Ag.) Hons.

## B. BOOK CHAPTERS (Best 10)

- Sanjoy Kumar Bordolui (2017). Propagation of different tropical and sub-tropical fruits. In: Dutta, A.K. and Mondal, B (Eds.) Fruits for livelihood: Production Technology and Management practices. Published by Agrobios (India), Jodhpur, India. ISBN: 978-81-933644-5-1. Online ISBN: 9788193364451. Pp. 563-580.
- Sanjoy Kumar Bordolui, Raju Das, Bholanath Mondal and Pranab Chattapadhyay. (2017). Evaluation of some Aromatic and Non-aromatic Indigenous Genotypes from Field Gene Bank for Commercial Utilization as High Value Rice. Relevance of Dr. B. R. Ambedkar for Inclusive Development In India: Inclusive Development, Agriculture and Sustainable Rural Development (Volume-II). New Delhi Publishers New Delhi 110059. ISBN: 978-93-85503-58-0 (Two Vol. Set) Pp. 01-11.
- Raju Das, Sanjoy Kumar Bordolui and Bholanath Mondal. (2017). Disease Reaction of Linseed Lines/Varieties against Alternaria 141 Blight in West Bengal. Relevance of Dr. B. R. Ambedkar for Inclusive Development In India: Inclusive Development, Agriculture and Sustainable Rural Development (Volume-II). New Delhi Publishers New Delhi 110059. ISBN: 978-93-85503-58-0 (Two Vol. Set). Pp. 141-145.
- **Sanjoy Kumar Bordolui**, Arpita Das, Prabir Kumar Bhattacharyya, Krishnendu Pramanik, Kalyan Jana, Joydeep Banerjee (2019). Importance of folk rice genotypes in sustainable agriculture. Folk rice diversity of Easternindia- Hope for the future food security. *Innovative Publication*. ISBN: 978-93-88022-12-5. Pp. 155-166.
- Pranab Chattopadhyay and **Sanjoy Kumar Bordolui** (2019). Community Seed Production-A New Vista for Strengthening the Integrated Seed System: An Action Experience. Proceedings of the International Conference on Livelihood Promotion, Bio-diversity Conservation and Social Security in Indian Sundarbans. New Delhi Publishers, New Delhi, Kolkata, ISBN: 978-93-88879-26-2. pp.-149-157.
- Sanjoy Kumar Bordolui, Raju Das, Bholanath Mondal and Pranab Chattapadhyay. (2018). Evaluation of some Indigenous Rice Genotypes through Participatory Approach. Human rights and social justice agricultural issues and concern. New Delhi Publishers, New Delhi 110059. ISBN: 978-93-86453-48-8. Pp. 1-5.
- Raju Das, **Sanjoy Kumar Bordolui**, Sohini Sarkar and Prabir Kr. Bhattacharyya. (2018). Disease reaction of rapeseed- mustard varieties against Alternaria Blight caused by *Alternaria Brassicae* (Berk) Sacc. In the lower Gangetic plains of West Bengal. Human rights and social justice agricultural issues and concern. New Delhi Publishers, New Delhi 110059. ISBN: 978-93-86453-48-8. Pp. 21-25.
- Sanjoy Kumar Bordolui, Pranab Chattopadhyay, Raju Das and Rajib Lochan Moharana (2021). Small Seeded Aromatic Indigenous Genotypes used as High Value Rice. Modern Agricultural Technology: A Step towards Rural Self-reliance, AGROBIOS Publishers, Jodhpur. ISBN: 97881949237701. Pp. 137-148.
- Jui Ray, **Sanjoy Kumar Bordolui**, Raju Das and Kanu Murmu (2022). Effect of Nanotechnology in Quality Seed Production. *In:* Emerging Trends in Agriculture: Prospects and Opportunities edited by Mondal, B., Bordolui, S.K. and Santra, S. © Renu Publishers, New Delhi: 2022, (pp. 37-43). ISBN: 978-93-92597-50-3, DOI: 10.30954/NDP-Emerging.11
- Kanu Murmu, Anindita Das, Mahafuzar Rahaman and **Sanjoy Kumar Bordolui** (2022). Agricultural Uses of Plant Biostimulant: Mode of Action and Future Vision. *In:* Emerging Trends in Agriculture: Prospects and Opportunities edited by Mondal, B., Bordolui, S.K. and Santra, S. © Renu Publishers, New Delhi: 2022, (pp. 37-43). ISBN: 978-93-92597-50-3, DOI: 10.30954/NDP-Emerging.6

# C. RESEARCH PAPERS (Best 10)

- Ray, J., Bordolui, S.K.\* and Murmu, K. (2023). Influence of seed priming and foliar application of GA<sub>3</sub> on fruit morphology and biochemical composition of tomato in Gangetic Alluvial Zone. *Theoretical Biology Forum.* 12(2):1-14. DOI: https://tbf.peerjournals.net/wp-content/uploads/2023/07/TBF-1-2023-1.pdf
- Chakraborty, A., Bordolui, S.K., Nandi, D. and Das, R. (2022). Effect of Seed Priming with Silver Nanoparticles (AgNPs) and Gibberellic Acid (GA<sub>3</sub>) Against Mungbean Yellow Mosaic Virus and Cercospora Leaf Spot Diseases in Green Gram radiata L.). Scientist, **1**(3): 3446-3456. DOI: https://doi.org/10.5281/zenodo.7424768
- Rahaman, M., Murmu, K., Khandakar, J., Bordolui, S.K. and Hedavetullah, M. (2022). Crop productivity and soil health in relation to the microbial population as influenced by different organic biostimulants in summer rice cultivation. Oryza, **59**(20): 194-204. DOI: https://doi.org/10.35709/ory.2022.59.2.9
- Chakraborty, A., Bordolui, S.K.\* and Nandi, D. (2022). Characterization of the green gram (Vigna radiate L.) genotypes through both morphological and biochemical Environment Conservation Journal, **23**(3): 1-7. parameters. Doi: https://doi.org/10.36953/ECJ.9622191
- Mukherjee, A. and Bordolui, S.K.\* (2022). Eminent Roles of Micro-nutrients in Ouality Seed Production. International Journal of Plant & Soil Science, 34(23): 324-342. DOI: 10.9734/IJPSS/2022/v34i2331596
- Choudhury, A. and Bordolui S.K.\* (2022). System of Biological Approaches to Interpret Seed Dormancy and Germination. International Journal of Environment and Climate Change, 12(11): 2454-2481. DOI: 10.9734/IJECC/2022/v12i1131240
- Choudhury, A., and Bordolui, S. K.\* (2023). Concept of seed deterioration: reason, factors, changes during deterioration and preventive measures to overcome seed degradation. American International Journal of Agricultural Studies, 7(1): 41-56. https://doi.org/10.46545/aijas.v7i1.291
- Choudhury, A., Bordolui, S. K.\* and Ray, J. (2023). Optimizing Priming Concentration and Duration of PEG 6000 for Improving Seed Germination and Vigour in Chickpea (Cicer arietinum L.). Environment and Ecology, 43(3C): 1953-1959. ISSN: 0970-0420 https://doi.org/10.60151/envec/WYKC4262
- Bordolui, S.K.\*, Sadhukhan, R. and Chattopadhyay, P. (2015). Participatory evaluation of some folk rice genotypes. Journal Crop and Weed, 11(2):59-62. DOI: https://www.cropandweed.com/archives/2015/vol11issue2/12.pdf
- Choudhury, A. and Bordolui S.K.\* (2023). Stimulatory effect of hormonal seed priming in plant tolerance to resist abiotic stress. Journal of Agricultural, Food Science 140-152. & Biotechnology, 1 **DOI:** https://doi.org/10.58985/jafsb.2023.v01i03.16
- Ray, J. and Bordolui S.K.\* (2022). Effect of seed treatments and storing period on physiological and biochemical parameters of tomato during storage. Journal of Crop and Weed, 18(2): 230-239. DOI: <a href="https://doi.org/10.22271/09746315.2022.v18.i2.1594">https://doi.org/10.22271/09746315.2022.v18.i2.1594</a>

Signature with Date