



UNIVERSITY OF CALCUTTA

FACULTY ACADEMIC PROFILE/ CV

Full name of the faculty member: Dr. Ashim Kumar Dolai

Designation: Assistant Professor

Specialization: Agronomy

Passport size photograph:



Contact Information:

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Academic qualifications:

College/ university from which the degree was obtained	Abbreviation of the degree
B. R. A. U.	B.Sc (Ag) Hons
B. C. K. V.	M. Sc(Ag) in Agronomy
B. C. K. V.	Ph. D in Agronomy (Weed Management)

Positions held/ holding:

Head, Deptt. of Plant Physiology, IAS, C.U.

Research interests:

1. Weed and nutrient management.
2. Development of low cost technology.

S. No. Publications/Attended/ Award	No. of Published
1. Full length research paper	30
2. Full Papers in Proceedings	12
3. Short Communication/ Popular article	03
4. Research Abstracts	28
5. National and International Seminar / Symposium / Conference / Workshop / Training course	48
6. Book chapter	01
7. Book	02
8. Award	02

(1) Publications of Journal

SN	Year	Title	Name of the Journal	Volume and Pages	Remarks
1	2008	Bio-efficacy and phytotoxicity of Ethoxysulfuron on the weed control and yield performance of transplanted <i>kharif</i> rice in gangetic alluvial soil of West Bengal	<i>Crop and Weed</i>	4(1):38-40	Author
2	2013	Herbicide Management of Parthenium (<i>Parthenium hysterophorus</i> L.) in non-Crops Land and its Impact on Soil Micro-flora	<i>Madras Agric.</i>	100(1-3):747-750	Author
3	2013	“ <i>Parthenium hysterophorus</i> L.: Its biology and infestation in new alluvial zone of West Bengal”	<i>Crop and Weed</i>	9(1):216-217	Author
4	2009	<i>Parthemum</i> – The Worst weed and its Management.	<i>Indian Farmers Digest</i>	ISSN0537-1589, 11-12	Author
5	2014	Field Performance of some bio-agents in suppressing <i>Parthenium hysterophorus</i> L.	<i>Environment & Ecology</i>	33(2):635-638	Author
6	2014	Soil Solarization, an Eco-Physiological Method of Weed Control	<i>Global Journal of Science Frontier Research (USA)</i>	Volume 14 Issue 4 Version 1.0 Online ISSN: 2249-4626 & Print ISSN: 0975-5896 I:43-44.	Author
7	2015	Improving beneficial microflora population in soil of predominant crop sequences through <i>Parthenium</i> utilization	<i>Crop and Weed</i>	11(1):208-212	Author
8	2016	Utilization of <i>Parthenium</i> in different ways with recommended dose of fertilizers to enhance yield of crops	<i>Green Farming</i>	Vol. 7(1) : 119-122	Author
9	2016	Suitability of Mexican beetle (<i>Zygogramma bicolorata</i>) for the management of <i>Parthenium hysterophorus</i> as influenced by weather parameters in west bengal	<i>International journal of bio-resource, environment and agricultural sciences (IJBEAS)</i>	Vol. 2(4) :449-452	Author

SN	Year	Title	Name of the Journal	Volume and Pages	Remarks
10	2019	Utilization of Congress grass (<i>Parthenium hysterophorus</i> L.) for soil fertility enhancement and improved productivity of potential crop sequences in West Bengal	Pharmacognosy and Phytochemistry	8(2): 2241-2245	Author
11	2015	Bioefficacy of new ready mixed insecticide (novaluron 5.25% + indoxacarb 4.5% SC) against pigeon pea pod borer (<i>Helicoverpa armigera</i> Hubner)	<i>Legume Research</i>	39 (1) 2016: 135-139 Print ISSN:0250-5371 / Online ISSN:0976-0571	Myself was Co-author
12	2015	Bioefficacy of New Ready Mixed Insecticide Novaluron 5.25% +Emamctin 0.9% SC against Diamond Back Moth (<i>Plutella xylostella</i> L.) in Cabbage in West Bengal	Madras Agric. J.	102(1-3): 75-79	Myself was Co-author
13	2014	Role of Hydrogen Cyanide Secondary Metabolite of Plant Growth Promoting Rhizobacteria as Biopesticides of Weeds	<i>Global Journal of Science Frontier Research(USA)</i>	Volume XIV Issue VI Version I:117-120 Online ISSN: 2249-4626 & Print ISSN: 0975-5896	Myself was Co-author
14	2009	Bio-efficacy of Some Promising Herbicides in Transplanted Kharif Rice and their Influence on Soil Microflora .	<i>Indian Agric.</i>	Vol.53,No.3 and 4, 193-198	Myself was Co-author
15	2013	Microflora Population in <i>Rhizosphere</i> and Yield of Potato as Influenced by Weed Management Practices	<i>Madras Agric.J.</i>	Vol.100(4-6)	Myself was Co-author
16	2009	System of intensification: the alternate approach for increasing production of field crops.	<i>Crop and Weed</i>	5(2):63-67	Myself was Co-author
17	2016	Plethora (Novaluron + Indoxacarb) insecticide for the management of tomato fruit borer complex.	Applied and Natural Science	8 (2): 919 - 922	Myself was Co-author
18	2016	<i>Efficacy of some weed control methods in soybean during kharif season.</i>	Applied and Natural Science	8 (1) : 154 – 158	Myself was Co-author
19	2017	Efficacy of Azoxystrobin 11% + Tebuconazole 18.3%SC on Rice Sheath Blight.	Environment & Ecology	35 (3A) : 1998—2001	Myself was Co-author

SN	Year	Title	Name of the Journal	Volume and Pages	Remarks
20	2017	Evaluation of Bupirimate against powdery mildew in rose	Journal of Applied and Natural Sciences (JANS)	9 (4): 2188 - 2192	Myself was Co-author
21	2017	Field Evaluation of Azoxystrobin + Propiconazole against Sheath Blight of Rice	Environment & Ecology	35 (2D) : 1516—1520	Myself was Co-author
22	2016	Heterosis studies for grain yield, its component traits and quality of QPM maize (<i>Zea mays</i> L.)	<i>Indian Agriculturist</i>	Vol.60, No.1 and 2, 7-13	Myself was Co-author
23	2018	Evaluation of a new ready mixed insecticide (Buprofezin 15% +Acephate 35% WP) against BPH (<i>Nilaparvatha lugens</i> (Stal)) and WBPH (<i>Sogatella furcifera</i> (Horvath)) of Rice in West Bengal	<i>Crop and Weed</i>	14(1): 205-211	Myself was Co-author
24	2017	Evaluation of IPM Models in Managing Stem Borer and Leaf Folder of Rice and Aphid of Mustard	<i>Indian Agriculturist</i>	Vol.61, No. 3 &4, pp. 123-130	Myself was Co-author
25	2017	Effect of Different Date of Sowing and Chickpea (<i>Cicer arietinum</i> L.) Varieties in New Alluvial Zone of West Bengal	<i>Indian Agriculturist</i>	Vol.61, No. 3 &4, pp. 131-135	Myself was Co-author
26	2016	Effect of different irrigation levels on growth, yield and water productivity of tuberose in the Indo-Gangetic plain	<i>Indian Agriculturist</i>	Vol.60, No.1 and 2, 21-28	Myself was Co-author
27	2019	Breeding Rice (<i>Oryza sativa</i> L.) For Zn-Deficient Soil	<i>Indian Agriculturist</i>	Vol.62, No.3 and 4, 139--146	Myself was Co-author
28	2020	Performance of Kharif Onion as influenced by Integrated Weed Management	<i>Indian Biologist</i>	Vol.51(Published)	Myself was Co-author
29	2020	Microflora population, urease enzyme activity and their interrelationship as influenced by integrated weed and nutrient management in greengram-rice-onion cropping	<i>Indian Agriculturist</i>	Accepted (In press)	Myself was Co-author
30	2020	Adoption of new technologies of chickpea in rice-fallow of Gangetic alluvial regions of West Bengal	<i>Indian Biologist</i>	Vol.51(Published)	Myself was Co-author

2. Publication of Book chapter

SN	Year	Title	Name of the Article Book	Volume and Pages	Remarks
1	2019	An Invasive Alien Weed and Its Management	Cross-Cutting Research in Social Sciences	IX, 277-285	Author

3. Publication of Article

SN	Date of publication	Title	Name of the Article Book	Volume and Pages	Remarks
1	28Feb. – 1 March, 2009	<i>Parthenium</i> Compost an Ecofriendly Balanced Biofertilizer.	West Bengal State Science and Technology Congress	16 th , 102-103	Author
2	March,2018	Zinc best crop production in future of agriculture	Krishi jagran	Bengali Volume 3 Issue 03	Author
3	October-November ,2018	<i>Doubling of Farmers income</i>	Krishi Prakiti	Bengali Volume 1 Issue 1	Author

4. Publication of Proceedings

SN	Date of Publication	Title	Name of the Proceedings Book	Pages	Remarks
1	December 8-10, 2010.	Utilization of <i>Parthenium</i> for enhancing soil fertility in potential crop sequences of west bengal.	“3rd International Conference on <i>Parthenium</i> ”	186-187.	Author
2	Feb. 24-27, 2011	<i>Parthenium hysterophorus</i> L.: Its biology and infestation in new alluvial zone of West Bengal.	“System Intensification Towards Food and Environmental Security”.	327.	Author

SN	Date of Publication	Title	Name of the <i>Proceedings Book</i>	Pages	Remarks
3	Feb. 24-27, 2011	Nutrient management in summer mungbean under wheat-utera system.	<i>“System Intensification Towards Food and Environmental Security”</i> .	118.	Author
4	Feb. 24-27, 2011	Scope of alternate livelihood and employment generation through utilization of anthrophytes and some natural weed flora and their management in India.	<i>“System Intensification Towards Food and Environmental Security”</i> .	389-390.	Myself was Co-author
5	Feb. 24-27, 2011	Bioefficacy and Phytotoxicity of uph 203, a new molecule herbicide for weed management in Glycine max L. (Merrill.) in India.	<i>“System Intensification Towards Food and Environmental Security”</i> .	325.	Myself was Co-author
6	Dec. 19-22, 2011	Weeds of medicinal importance and their utilization as a way of management	<i>“Minor fruits and medicinal plants for health and ecological security”</i>	365-369	Myself was Co-author
7	Nov. 6-9, 2014	Improving beneficial microflora population in soils of predominant crop sequences through <i>Parthenium</i> utilization	“ Integrating Agriculture & Allied Research:Prioritizing future Potentials for Secure Livelihoods”	151	Author
8	January 20-23, 2017	Effect of brown manuring on yield performance of summer rice in West Bengal	“Eco – efficiency in agriculture & allied research”	257	Author
9	December 7-9, 2012	Plethora- a new ready-mix insecticide for better management of tomato fruit borer	“Food Security Dilemma: Plant Health and Climate Change Issues”	34	Author
10	November 21-24, 2018	Utilization of Congress Grass (<i>Parthenium hysterophorus</i> L.) for soil Fertility enhancement and improved productivity of potential crop Sequences in West Bengal	<i>“Weeds and Society: Challenges and Opportunities”</i>	190	Author

SN	Date of Publication	Title	Name of the <i>Proceedings</i> Book	Pages	Remarks
11	May 8-9, 2020	Climate-Smart Agronomy for Sustainable Rice Production	“Approaches toward Development of Agriculture and Rural Sector in present Scenario”	ISBN No. 978-81-926009-9-4	Author
12	November 28-1 Dec, 2019	Evaluation of herbicide of weed control in Boro Rice under ‘SARP’ in the New Alluvial Zone of West Bengal	“ Agriskills for convergence in research, industry and livelihood (Acril)”	-	Myself was Co-author

(5) Publication of Abstracts

SN	Date of Publication	Title	Name of the Abstracts Book	Pages	Remarks
1	February 27-28, 2008.	A report on survey and biology of new occurrence of elatine triandra & oryza ruffipogon in Gangetic Inceptisol.	<i>"weed management in modern agriculture : Emerging challenges and opportunities"</i>	74.	Myself was Co-author
2	February 27-28, 2008.	Bio-efficacy and phytotoxicity of ethoxysulfuron in transplanted kharif rice.	<i>"weed management in modern agriculture : Emerging challenges and opportunities"</i>	88.	Author
3	June 6-7, 2007.	weed Management in Rice Nursery	<i>"Ecorestoration of soil & water Resources Towards efficient crop production"</i>	228 -229.	Myself was Co-author
4	October 20-21, 2009.	Utilization of parthenium as green manure and in compost making.	<i>National Consultation on Weed Utilization.</i>	54-55.	Myself was Co-author
5	February 13-15, 2010.	Studies on prospect of Parthenium as green manure and Mulch in different cropping sequence in inceptisol of West Bengal.	<i>Theme Mother Earth: Save it for Future Generations</i>	131.	Author
6	November 20, 2010.	Studies on Weed management in groundnut (<i>Arachis hypogaea</i> L.).	<i>"Emerging challenges and steps for mitigation of productivity constraints in food legumes"</i>	11.	Author
7	September 25, 2010.	Studies on Bioefficacy and Phytotoxicity of Oxyfluorfen 23.5% EC in Potato in Inceptisol of West Bengal.	<i>"Horticulture for rural development- Biotechnological and Biochemical aspects"</i>	44.	Author
8	Dec.9-10, 2011.	Suitability of Beetle (<i>Zygodramma Bicolorata</i>) on <i>Parthenium hysterophorus</i> as influenced by weather parameters in West Bengal.	<i>"Agro meteorological research and services to combat climate change challenges"</i>	111.	Author
9	Dec.19-22, 2011	Weeds of medicinal importance and their utilization as a way of management.	<i>"Minor fruits and medicinal plants for health and ecological security"</i>	238.	Myself was Co-author

SN	Date of Publication	Title	Name of the Abstracts Book	Pages	Remarks
10	Dec. 19-22, 2011	Prospects and Problems of Stevia Cultivation in Red Lateritic Zones of West Bengal – A Case Study on Entrepreneurship Development under NAIP Component -3 Project.	“Minor fruits and medicinal plants for health and ecological security	234.	Myself was Co-author
11	Jan. 12-14, 2012	Integrated weed management for maximizing productivity of blackgram (<i>Vigna mungo</i> L.) in West Bengal.	“Approaches to Maximizing Crop Productivity”	68.	Myself was Co-author
12	February,02-04, 2012.	Bioherbicide – A Promising tool for the application of microbial biotechnology in weed management.	“Frontlines of Microbiological Research : Concepts and Applications”	71.	Myself was Co-author
13	December7-9, 2012	Plethora- a new ready-mix insecticide for better management of tomato fruit borer	“Food Security Dilemma: Plant Health and Climate Change Issues”	34	Author
14	March,9 th , 2013	Bio-efficacy of Propaquizafop 10 EC for weed management in onion	“Echoes of Silent Spring: Human Impact on Environment”	12	Author
15	February,1-3, 2014	Field Performance of some Bioagents on suppressing of <i>Parthenium hysterophorus</i> L.	“Agriculture & Bio-Security in changing Scenario”	40	Author
16	December 4, 2016,	Suitability of Mexican beetle (<i>Zygogramma bicolorata</i>) for the management of <i>Parthenium hysterophorus</i> as influenced by weather parameters in West Bengal.	“ Recent Trends in Agriculture and Allied Sciences for Better Tomorrow”	131	Author
17	February 4-6, 2017	Utilization Of Congress Grass (<i>Parthenium hysterophorus</i> L.)For Soil Fertility Enhancement And Improved Productivity Of Potential Crop Sequences In West Bengal	“Bio-Resource, Environment and Agricultural Sciences (ICBEAS)”	59	Author
18	February 22-24, 2017	A Survey work on <i>Parthenium hysterophorus</i> L. in the new Alluvial Zone of West Bengal	“Agriculture and food production today and tomorrow”	69	Author
19	December 9-11, 2017	Performance of summer rice varieties in Gangetic alluvial zone of West Bengal	" Towards Climate Smart Agriculture - A Key to Livelihood Security"	NSIAS 149 (I - 35)	Myself was Co-author
20	December 9-11, 2017	Hydropriming and Halopriming of Paddy for improvement of Seed Vigour	" Towards Climate Smart Agriculture - A Key to Livelihood Security"	-	Myself was Co-author
21	24-25, March, 2018	Effect of brown manuring on yield performance of pre <i>kharif</i> rice in new alluvial zone of West Bengal	“National Seminar on Mixed Farming Traditional Practices to Enhance the Income of a Farmer (MFTPEIF)”	-	Author

SN	Date of Publication	Title	Name of the Abstracts Book	Pages	Remarks
22	24-25, March, 2018	<i>Effect of brown manuring on yield performance of pre Kharif rice in new alluvial zone of West Bengal</i>	<i>National Seminar on Mixed Farming Traditional Practices to Enhance the Income of a Farmer (MFTPEIF)</i>	P-51	Myself was Co-author
23	15-17, December, 2018	<i>Effect of Chemical Weed Management in Boro Rice Under System of Assured Rice Production in Gangetic Alluvial Region of West Bengal</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-51	Myself was Co-author
24	15-17, December, 2018	<i>Sustainable System Agriculture: An Approach through System Intensification</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-110	Myself was Co-author
25	15-17, December, 2018	<i>Integrated Nutrient Management in Baby Corn (Zeamays L.) in Gangetic Alluvial zone of West Bengal</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-53	Myself was Co-author
26	15-17, December, 2018	<i>Indigenous Knowledge as Potential Weapon in Postharvest Pests Managemen</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-5 124p	Myself was Co-author
27	15-17, December, 2018	<i>Maximization Of Yield In sesame (Sesamum indicum L.) through Integrated Crop Management in coastal Belt of South Bengal</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-48	Myself was Co-author
28	15-17, December, 2018	<i>Integrated management of stem and root rot of Sesame (Sesamum indicum L.) caused by Macrophomina Phaseolina (Tassi) Goid</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-47	Myself was Co-author
28	15-17, December, 2018	<i>Irrigation and Sulphur Fertilization in Rapeseed in Gangetic Alluvial Zone of West Bengal</i>	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	P-80	Myself was Co-author

(6) LIST OF NATIONAL AND INTERNATIONAL SEMINAR / SYMPOSIUM / CONFERENCE / WORKSHOP / TRAINING COURSE ATTENDED:

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
1.	International Symposium	Minor fruits and medicinal plants for health and ecological security	FTC (Lake Hall), B. C. K. V., Kalyani, Nadia, West Bengal	Dec. 19-22, 2011	Faculty of Horticulture, B. C. K. V.	Poster presentation of one scientific article
2.	International Seminar	Mother Earth: Save it for Future Generations	University of Burdwan	Feb. 13-15, 2010.	Department of Environmental Science, University of Burdwan, West Bengal.	Oral presentation of one research paper
3.	International Symposium	System intensification towards food & environmental security	FTC (Lake Hall), B. C. K. V., Kalyani, Nadia, West Bengal	Feb. 24-27, 2011	Crop and Weed Science Society, B. C. K. V., Mohanpur	Poster presentation of one research paper
4.	International Conference	3 rd International Conference on <i>Parthenium</i>	Indian Agricultural Research Institute, New Delhi, India .	Dec. 8-10, 2010.	Entomological Society of Indian Agricultural Research Institute, New Delhi, India .	Oral presentation of one research paper
5.	National Seminar	Eco-restoration of soil & water resources towards efficient crop production	FTC, Kalyani, West Bengal	June 6-7, 2007	Crop & Weed Sci. Soc., B.C.K.V.	Oral presentation of one research paper & poster presentation of two research papers
6.	Training Program	Best management practices on agricultural inputs	FTC, Kalyani, West Bengal	May 21-22, 2008	Crop & Weed Sci. Soc., B.C.K.V.	Participation
7.	National Symposium	Agriculture in the paradigm of intergenerational equity	FTC, Kalyani, West Bengal	May 22-23, 2009	Crop & Weed Sci. Soc., B.C.K.V.	Poster presentation of one research paper
8.	National Seminar	Emerging challenges and steps for mitigation of productivity constraints in food legumes	FTC, Kalyani, West Bengal	Nov. 20, 2010	AICRP on Groundnut, B.C.K.V., Kalyani	Poster presentation of one research paper
9.	National Seminar	Agro meteorological research and services to combat climate change challenges	FTC (Lake Hall), B. C. K. V., Kalyani, West Bengal.	Dec. 09-10, 2011	Association of Agrometeorologists, India and B. C. K. V., W. B.	Poster presentation of one research paper
10.	National	Frontlines of Microbiological Research :	University of Calcutta,	Feb. 02-04,	Indian Mycological Society,	Oral presentation of one

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
	Seminar	Concepts and Applications .	Kolkata, West Bengal.	2012.	Department of Botany, University of Calcutta, Kolkata	research paper
11.	Training Workshop	Center for Testing and Training for Testing and Training for providing Technical back up to the beneficiaries for Agri/Horti Development.	University of Calcutta, Kolkata, West Bengal	Jan. 21-22, 2012	Institute of Agricultural Science, University of Calcutta, Kolkata , West Bengal	Participation
12.	National Seminar	Approaches to Maximizing Crop Productivity.	University of Calcutta, Kolkata, West Bengal	Jan. 12-14, 2012.	Agricultural Society of India.University of Calcutta, Kolkata, West Bengal	Poster presentation of one research paper
13.	Review Meeting	National Invasive Weed Surveillance (NIWS) Programme,	FTC (Lake Hall), B. C. K. V., Kalyani, West Bengal	Jan. 12-13, 2010	Crop & Weed Sci. Soc., B.C.K.V..	Participation
14.	Biennial conference	Recent Advances in weed science Research.	IGKV, Raipur, India	Feb. 25-26, 2010.	Indian Society of weed Science and Directorate of weed science Research Jabalpur	Participation
15.	Biennial conference	Weed management in modern agriculture : Emerging challenges and opportunities	Bihar veterinary College , Patna , India .	Feb. 27-28, 2008.	society of weed science Bihar, Patna , India .	Poster presentation of one research paper
16.	International Symposium	Food Security Dilemma: Plant Health and Climate Change Issues	FTC (Lake Hall), B. C. K. V., Kalyani, Nadia, West Bengal	Dec. 7-9, 2012	Department of Entomology, B. C. K. V.	Poster presentation of one scientific article
17	National Seminar	Agriculture & Bio-Security in changing Scenario	Department of ESEPAN,Palli Siksha Bhavana (Institute of Agriculture) Visva-Bharati, Sriniketan, West Bengal	February, 1-3, 2014	Department of ESEPAN,(Agronomy, Soil Science, Agril. Engineering, Plant Physiology & Animal Science) Palli Siksha Bhavana (Institute of Agriculture)	Poster presentation of one scientific article
18	International Seminar	Integrating Agriculture & Allied Research: Prioritizing future Potentials for Secure Livelihoods	FTC (Lake Hall), B. C. K. V., Kalyani, Nadia, West Bengal	Nov. 6-9, 2014	Crop and Weed Science Society, B. C. K. V., Mohanpur	Poster presentation of one scientific article
19	National Symposium	Recent Trends in Agriculture and Allied Sciences for Better Tomorrow	Department of ESEPAN,Palli Siksha Bhavana (Institute of	December 4, 2016	Department of ESEPAN,(Agronomy, Soil Science, Agril. Engineering, Plant Physiology & Animal Science)	Poster presentation of one scientific article

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
			Agriculture) Visva-Bharati, Sriniketan, W.B.		Palli Siksha Bhavana (Institute of Agriculture)	
20	International Symposium	Eco – efficiency in agriculture & allied research	FTC (Lake Hall), B. C. K. V., Kalyani, Nadia, West Bengal	January 20-23, 2017	Crop and Weed Science Society, B. C. K. V., Mohanpur	Poster presentation of one scientific article
21	International Conference	Bio-Resource, Environment and Agricultural Sciences (ICBEAS)	Department of ESEPAN, Palli Siksha Bhavana (Institute of Agriculture) Visva-Bharati, Sriniketan, West Bengal	February 4-6, 2017	Department of ESEPAN, (Agronomy, Soil Science, Agril. Engineering, Plant Physiology & Animal Science) Palli Siksha Bhavana (Institute of Agriculture)	Power presentation of one scientific article
22	National Seminar	Agriculture and food production today and tomorrow	University of Calcutta, Kolkata, West Bengal	February 22-24, 2017	Institute of Agricultural Science, University of Calcutta, Kolkata 700019, West Bengal	Power presentation of one scientific article
23	Short Course	Designing Impact Evaluation for Agricultural Technologies.	National Rice Research Institute, ICAR, Cuttack (Odisha)	August 01-10, 2016	National Rice Research Institute, ICAR, Cuttack (Odisha) -753006,	Training
24	National Seminar (Golden Jubilee)	Towards Climate Smart Agriculture - A Key to Livelihood Security	University of Calcutta, Kolkata, West Bengal	December 9-11, 2017	Institute of Agricultural Science, University of Calcutta, Kolkata 700019, West Bengal	Poster presentation of one scientific article
25	National Seminar	Mixed Farming Traditional Practices to Enhance the Income of a Farmer (MFTPEIF)	Department of ESEPAN, Palli Siksha Bhavana (Institute of Agriculture) Visva-Bharati, Sriniketan, West Bengal	24-25, March, 2018	Institute of Agriculture, Visva-Bharati, Santiniketan, India	Poster presentation of one scientific article
26	International Conference (ISWS Golden Jubilee)	Weeds and Society: Challenges and Opportunities	Indian Society of Weed Science, ICAR Directorate of Weed	21-24 November, 2018	Indian Society of Weed Science ICAR-Directorate of Weed Research	Poster presentation Of one scientific article
27	National Seminar	Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy	University of Calcutta, Kolkata, West Bengal	15-17 December, 2018	Institute of Agricultural Science, University of Calcutta, Kolkata 700019, West Bengal	Poster presentation Of one scientific article

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
28	21 Days Course	Orientation Programme-127	University of Calcutta	18 Nov.-7 Dec., 2019	UGC, HRDC, University of Calcutta	Successfully Participated
29	15 Days Course	Refresher course	Mizoram University	7-20 July,2020	UGC, HRDC, Mizoram University	Successfully Participated Training Course
30	15 Days Training Course	Indian Agricultural Education System and Entrepreneurship Scope in 21 st Century	Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola, Maharashtra	5-14 August, 2020	Dr. Panjabrao Deshmukh Krishi Vidyapeeth Akola, Maharashtra	Successfully Participated
31	15 Days Training Course	Introduction to sustainability and development	Deakin University, Australia	June,2020	Deakin University, Australia	Successfully Participated
32	15 Days Short Course	Ecology: Ecosystem Dynamics and Conservation	American Museum National History	May,2020	American Museum National History, America	Successfully Participated
33	7 Days Training Course	Conservation Agriculture Based Crop Management Technologies in Climate Smart Agriculture	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	18-22 May,2020	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	Successfully Participated
34	10 days Training course	Commerce and Management	Shibpur Dinobundhoo Institution (College)	20-30 June, 2020	Shibpur Dinobundhoo Institution (College), Kolkata	Successfully Participated
35	3 days Training Course	Carbon Sequestration in Climate Smart Agriculture	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	11-13 May, 2020	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	Successfully Participated
36	4 days Training Course	Perspective of Present and Future Weed Research under Climate Smart Agriculture	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	17-20 August, 2020	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	Successfully Participated
37	5 Days	Agriculture Awareness during Covid-	R.S.M. (P.G.) College	29 th June -7	R.S.M. (P.G.) College,	Successfully Participated

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
	Training Course	19 Pandemic		th July, 2020	Dhampur, Bijnor, (U.P.) Affiliated to M.J.P. Rohilkhand University, Bareilly	
38	5 Days Training Course	Agriculture 4.0: Precision and Automated Ag Technologies	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	28 th Sept. to 2 nd Oct. 2020	Mahatma Phule Krishi Vidyapeeth, Rahuri, Maharashtra	Successfully Participated
39	2 Days National Webinar	Fishery Business Eco-system in India	Anand Agricultural University, Anand, Gujrat	22-23 June, 2020	Anand Agricultural University, Anand, Gujrat	Actively Participated
40	2 Days National Webinar	Agricultural Market Intelligence	Anand Agricultural University, Anand, Gujrat	7-8 July, 2020	Anand Agricultural University, Anand, Gujrat	Actively Participated
41	1 Days National Webinar	Emerging Trends in Physics and its applications in Agriculture	Haryana Agricultural University, Hisar, Haryana	29 th June, 2020	Haryana Agricultural University, Hisar, Haryana	Actively Participated
42	2 Days National Webinar	Agricultural Market Reforms and Market Intelligence	Anand Agricultural University, Anand, Gujrat	7-8 July, 2020	Anand Agricultural University, Anand, Gujrat	Actively Participated
43	2 Days National Webinar	Farmer Producer Organizations and Commodity Markets	Anand Agricultural University, Anand, Gujrat	27-28 th July, 2020	Anand Agricultural University, Anand, Gujrat	Actively Participated
44	2 Days International e-Symposium	Diversification of Indian Agricultures Ancient to Modern	School of Agriculture, Suresh Gyan Vihar University, Jaipur	17-18 June, 2020	School of Agriculture, Suresh Gyan Vihar University, Jaipur	Actively Participated
45	2 Days National	Application of Biotechnological Tools in Crop Improvement	Rajmata Vijayaraje	10-11 June, 2020	Rajmata Vijayaraje Scindia	Actively Participated

Sl. No.	Kind of Program	Name of the Program	Venue	Period	Organizing Authority	Purpose
	Webinar		Scindia Krishi Vishwa Vidyalaya, Gwalior, M.P.		Krishi Vishwa Vidyalaya, Gwalior, M.P.	
46	3 Days National Webinar	Modern Agricultural Technology: A step Towards Rural Self-Reliance	Institute of Agriculture, Visva-Bharati (A Central University), Sriniketan		Institute of Agriculture, Visva-Bharati (A Central University), Sriniketan	Actively Participated
47	1 Days National Webinar	Changing Times and New Classrooms	West Bengal and University Professors Association, WBCUPA (South 24 PGS)	9 th August, 2020	West Bengal and University Professors Association, WBCUPA (South 24 PGS)	Actively Participated
48	2 Days International Webinar	Soil Health Management for Sustainable Crop Productivity	Mandan Bharti Agriculture College, Agwanpur, Saharsa, Bihar, India	7 th to 8 th September, 2020	Department of Soil Science and Agricultural Chemistry	Actively Participated

Extension Programme with leaflet Published:

Delivered Speech about “Urgent needs for *Parthenium* management on various Districts of West Bengal” (2008).

Life Membership of Learned Societies:

1. *Journal of Crop and Weed*.
2. *Indian Agriculturist*.

Research guidance:

- Supervised M. Sc.(Ag.) students: 14
- Supervising Ph. D students: 4

❖ Invited lectures delivered:

1. Pest Management of Winter Vegetables” during 1-4th March, 2017 at Nayapattan, Sonarpur, S-24 Pgs with the financial assistance from NABARD, Kolkata ,Organized by Sasya Shyamala Krishi Vigyan Kendra Ramakrishna Mission Vivekananda University, (Off-campus- Centre at Ramakrishna Mission Ashrama, Narendrapur) Arapanch, P.O.- Sonarpur, Dist.-South 24 Pgs, Kolkata-700150.
2. One day Input Dealers training programme under DAESI, 4th January, 2018 at North 24 Parganas Krishi Vigyan Kendra Directorate of Research, Extension and Farms West Bengal University of Animal and Fishery Sciences Ashokenagar, P.O: haripur Dist: North 24 Parganas, Pin: 743223
3. Agriculture Science Seminar at Nayagram High School organized by Krishi, Vigyan, Sikkha and Swastha Gramin Mela Utsab Committee, dated on 18.03.2019. Kantadarja, Daspur, Paschim Medinipur.

❖ Academic services:

- Sr. Executive Registration- R&D (Eastern India), ADAMA India Pvt. Ltd. from 3-11- 2012 to 20-07-2015.
- Technical Assistant, AICRP on Sesame & Niger, ICAR, IAS, CU from 16-10- 2015 to 11-07-2016.
- Previous three Projects different times engaged as Senior Research Fellow (SRF) from 2007-2012.

❖ Academic Distinction/ Affiliation of Scientific/ Technical Committee at State/National/International level

- Member, SARP Technical Committee, Directorate of Agriculture, Govt. of W.B.
- Constitution of Institute Management Committee of NIRJAFT, Kolkata, ICAR.
- Member of the Executive Committee of the Crop and Weed Science Society.
- Member of the Organizing Committee of National Symposium on Role of Resource Management in Agriculture in the Context of Food Security, Nutrition and Economy,15-17, December, 2018 IAS,CU,WB,
- Member of the Organizing Committee of International Conference for Biotic Research, 14-15th September, 2019. Salem, Tamilnadu, India.
- Life Member of *Journal of Crop and Weed; Indian Agriculturist*.
- Co-chairmen of National Seminar on Agriculture and Food production Today and Tomorrow, February 22-24, 2017, IAS,CU, Kolkata 700019, West Bengal.
- Treasurer of National Symposium on Towards Climate Smart Agriculture - A Key to Livelihood Security.IAS, CU, Kolkata 700019, West Bengal.
- Chairperson of a scientific session in the *International Conference on Chemistry for Human Development,20019*
- Question Setter and Moderator of Agronomy, IAS, University of Calcutta.
- Syndicate, Senate and Faculty Council Member of the Calcutta University 2019-20
- Present Head, Department of Plant physiology, IAS, CU, Kolkata 700019, West Bengal.

❖ **Extension activities :**

Actively participating in different extension programmes of the Department/Institute/KVK as resource person in many training programmes, farmers-scientist meets, Krishi Mela etc.

❖ **International Book:** Ecosafe Management of *Patrthenium hysterophorus* L. in Inceptisol

❖ **Award: RJNF, 2008 and CWSS Young Scientist, 2019.**

Significant projects handling: “Field Testing of soil Mend” C brand.

LANGUAGES KNOWN

	Speak	Read	Write
Bengali	Y	Y	Y
English	Y	Y	Y
Hindi	Y	Y	Y

EXTRA CURRICULAR ACTIVITIES

- Awarded several prizes in games & sports and cultural meets by the School, College & University of Agriculture, during (1997-2007).

OTHER ACTIVITIES

- Undergone Rural Work Experience Programme (RAWEP) during Ph.D Degree for a period 10 months (2011-2012) in various village of Jhargram, District of Paschim Medinipur in West Bengal.

COMPUTER SKILLS

- Undergone “Advanced Computer Application” (ACA) for six months.
- Proficient in MS-office, Power Point, Excel, Access Operating Systems, Adobe Photoshop, Adobe Page Maker, browsing internet, & handling different software peripherals.

INTEREST AND HOBBIES

- Drawing, playing & farming.

DECLARATION

I, hereby declare that the statements given above are correct to best of my knowledge.

Adhir Kumar Doley

Date: 01 .10.2020.

Place: CU, Kolkata

(Dr. A. K. D)