

Curriculum vitae

Dr. PREM KUMAR BHARTEY

(Assistant Professor)

Department of Agricultural chemistry & Soil Science
C.C.R. (P.G.) College, MZN-251001, U.P., India

Date of Birth:- 18/08/1990

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(a) EDUCATIONAL CAREER

Sl. No	Qualification / Degree	Specialization	Board / University	Year
1	High School ⁽¹⁰⁾	Agriculture	U. P. Board Allahabad	2009
2	Intermediate ⁽¹⁰⁺²⁾	Agriculture	U. P. Board Allahabad	2011
3	B.Sc (Ag.)	Agriculture	Veer Bahadur Singh Purvanchal University, Jaunpur, U.P.	2015
4	M.Sc (Ag.)	Soil Science, Soil fertility	Banaras Hindu University, Varanasi, Uttar Pradesh	2017
5	Ph.D (Ag.)	Soil Science, Remote Sensing & GIS	Assam Agricultural University, Jorhat, Assam	2020
6	NET	Soil Science	ASRB (ICAR) NET-II-2018, New Delhi	2018

(b) EMPLOYEE CAREER

Sl. No	Position	Pay Scale	Institute/University/Office	Duration		Period
1	Technical Assistant (Group-C)	2400/- 25,500-81,100	DD AG Office, Chandauli, U.P.	23.10.2021	1.12.2022	39 days
2	Senior Technical Assistant (Ag. Chemistry)	4600/- 44,900-1,42,400	DD AG Office, Ghazipur, U.P.	Did not join	-	-
3	UP PGT, Lecturer (Agriculture)	4800/- 47,600-1,51,100	Sakaldiha Inter College, Sakaldiha, Chandauli, U.P.	1.12.2022	15.6.2022	6 Months 15 days
4	T6/SMS (Soil Science)	5400/- 56,100-1,77,500	KVK, Basuli, Maharajganj, ANDUA & T, Ayodhya, U.P.	Did not join	-	-
5	Assistant Professor (Soil Science)	6000/- 57,700-1,82,400	C.C.R. (P.G.) College Muzaffarnagar, U.P.	16.6.2022	Continue...	

(c) Membership

- Indian Society of Soil Science (Annual)

(d) CERTIFICATIONS

- Best Master thesis award certificate
- NSS certificate
- CCC computer certificate
- Gold medal certificate
- Conference/seminar participation certificate: 7

(e) WORK EXPERIENCE

➤	During Ph.D my research problem was entitled on “ Morphometry, soil erodibility and productivity potential of a transect of Moridhal river basin in Dhemaji district of Assam, India ”
➤	During M.Sc. , my research problem was entitled on “ Nutrient status and their relationship with soil properties at Narayanpur Block, Mirzapur District of U.P.,India ”

(f) SEMINARS/CONFERENCES/WORKSHOP/TRAINING/ATTENDED

Sl.No	Seminars/ Conferences/ Workshop	Presented Abstract/Paper	Authorship position/Organizer	Date
1	3 rd International Conference (GIASE-2019)	Soil loss estimation using empirical equation methods	First	16-18 June, 2019
2	2 nd International Conference (ABAS-2018)	Nutrient status and their relationship with soil properties at Narayanpur block Mirzapur district of Uttar Pradesh	First	20-22 October, 2018
3	27 th National Conference of SCSI on “Sustainable management of soil and water resources for doubling farmers’ income”	Estimation of water requirement from climatological data for major crops of Mirzapur district in Uttar Pradesh	First	25-27 October, 2018
4	2 nd Asian Web Conference of SCSI on “Managing hill resources and diversities for zero hunger and climate resilience”	Morphometric analysis of Moridhal watershed in Dhemaji district of Assam, India using remote sensing and GIS technique	First	12-13 February, 2021
5	International Web Conference on “Resource management and biodiversity conservation to achieve sustainable development goals”	Land Suitability assessment of Moridhal watershed in Dhemaji district of Assam using remote sensing and GIS	First	11-12 September, 2020
6	Second International Virtual Conference on Environment & Sustainable Development	Productivity, potentiality and soil-site suitability assessment for rice crop in the Moridhal watershed of Dhemaji district of Assam using remote sensing and GIS	First	3-5 September, 2022
7	VII th International Conference on Global Research Initiative for Sustainable Agriculture and Allied Sciences (Offline/Online)	Geospatial variability of soil physico-chemical properties of Moridhal watershed in Dhemaji district of Assam, India	First	21-23 November, 2022
8	Three days online Training (NAHEP, ICAR)	Carbon sequestration in climate smart agriculture	Mahatma Phule Krishi Vidyapeeth, Rahuri (MH)	11-13 May, 2020
9	One week online Training (NAHEP, ICAR)	Soil and water conservation interventions for climate smart watershed	Mahatma Phule Krishi Vidyapeeth, Rahuri (MH)	22-26 June 2020
10	Training of 1 days	Know your Soil, Soul of Life	Institute of	15.11.2016

			Environment & Sustainable Development, BHU, Varanasi	
11	15 day workshop	Flipped Classroom Teaching Tools	Essgee Digiskills	18.08.2022-02.09.2022
12	7 days training	UGC-Approved Short-Term Professional Development Programme	IGNOU	7-15 Oct. 2022
13	5 days Faculty Development Programme	Essential Aspects for Teacher and Teachers Educators Programme-2020	Kamal Institute of Higher Education And Advance Technology	7.9.2022-12.9.2022

(g) PUBLICATIONS

Sl. No	Authors	Title of research/review paper	Journal Name	NAAS rating	Year of publication
1	P.K. Bharteey , Y.V. Singh*, P.K. Sharma, Sukirtee, Avinash Kumar Rai and Maneesh Kumar	Available micro nutrient status and their relationship with soil properties of Narayanpur block, district Mirzapur, Uttar Pradesh, India	<i>International Journal of Current Microbiology and Applied Sciences</i> , 6(7): 2838-2843.	5.38	2017
2	P.K. Bharteey , Y.V. Singh*, P.K. Sharma, Sukirtee, Avinash Kumar Rai and Maneesh Kumar	Available macro nutrient status and their relationship with soil physico-chemical properties of Mirzapur district of Uttar- Pradesh	<i>Journal of Current Microbiology and Applied Sciences</i> , 6(7): 2829-2837.	5.38	2017
3	Sukirtee, Y.V. Singh, Rishi. Ranjan, Menka, Menka. and P.K. Bharteey	Interaction effect of nitrogen and sulphur on yield, oil and nutrient content of mustard (<i>Brassica juncea L.</i>) in an inceptisol	<i>International Journal of Chemical Studies</i> , 6(6): 1234-1238.	5.31	2018
4	P.K. Bharteey , Y.V. Singh*, B. Deka, B and M Dutta	Assessment of water requirement for major crops of Mirzapur district in eastern Uttar Pradesh	<i>Annals of Plant and Soil Research</i> , 22(1): 100-106.	5.22 (UGC care listed)	2020
5	P.K. Maurya, P.K. Sharma, P.K. Bharteey , V. Pratap, and R. Gautam	Available micro-nutrient status of agricultural level land and slopy land along Sevai River, Jaunpur (U.P.)	<i>Green Farming</i> , 10(6): 734-737.	3.85	2019
6	Rajat. Kumar. Parit, K. Mahanta, P.K. Bharteey *, H. Khanikar and P.K. Maurya	Soil organic carbon stock as affected by different tillage practices under rice-mustard cropping system	<i>International Journal of plant & Soil Science</i> , 32 (2):78-84.	5.07	2020
7	Y.V. Singh, Surendra. Singh Jatav and P.K. Bharteey	Development of fertilizer prescription targeted yield equation for soya (<i>Anethum graveolens L.</i>) crop based on soil test values in an Inceptisol	<i>Annals of Plant and Soil Research</i> , 22(3): 249-253.	5.22 (UGC care listed)	2020
8	Rajnish Yadav, Mohammad Iqbal Bhat, Faisul-Ur-Rasool, Shabir Ahmed Bangroo, Roheela Ahmad, Twinkle Rachel George and Prem Kumar	Morphometric Analysis of Khag Micro-Watershed in North-West Himalayas of Kashmir Using GIS and Remote Sensing Technique	<i>International Journal of plant & Soil Science</i> , 33(16) 138-155.	5.07	2021

	Bharteey				
9	Bipul Deka, Prem Kumar Bharteey , Marami Dutta, Dilip Kumar Patgiri, Rituparna Saikia	Morphometric analysis of Moridhal watershed in Dhemaji district of Assam, India using remote sensing and GIS technique	<i>Desalination and Water Treatment</i> , (TDWT-2021 0487)	7.25 (UGC care listed)	2021
10	Prem Kumar Bharteey* , Bipul Deka, Marami Dutta and Dilip Kumar Patgiri	Productivity, potentiality and soil-site suitability evaluation for rice crop in the Moridhal watershed of Dhemaji district of Assam	<i>International Journal of Environment and Climate Change</i> 12(6): 95-104	5.13	2022
11	Rajnish Yadav, M. I. Bhat, Faisal-Ur-Rasool, P.K. Bharteey , Roheela Ahmad, Irfan A. Bisati, Khurshid A. Bhat, Lyaqet Ali, Rajbeer Singh	spatial distribution of soil physico-chemical properties of North Western Himalayan region of Jammu and Kashmir, (India) using inverse distance weighted (IDW) interpolation technique in GIS environment	<i>Agricultural Machenization in Asia</i> 53 (5) 8113-8124	6.14	2022
12	Prem Kumar Bharteey* , Bipul Deka, Marami Dutta, Rituparna Saikia, Jonali Goswami, Rajnish Yadav, Sarvajeet, Sukirtee Chejara, Ayush Bahuguna, Nidhi Luthra	Soil - site suitability assessment of Moridhal watershed in Dhemaji district of Assam, India using remote sensing and GIS techniques	<i>Agricultural Machenization in Asia</i> 53(7) 8979-8994	6.14	2022
13	Sukirtee, Y V Singh, K Rishi Ranjan and P.K. Bharteey	Effect of nitrogen and sulphur on mustard (Brassica juncea) in an inceptisol	<i>Indian Journal of Agricultural Sciences</i> 92 (6): 794-6	6.37 (UGC care listed)	2022
14	Sushmita Thokchom, Romila Akoijam, Arati Ningombam, Prem Kumar Bharteey , Sravanti Erla	Succession of insect pests and natural enemies in brinjal in Manipur, North East India with bio-pesticide application	<i>Agricultural Machenization in Asia</i> , 53(7): 9049-9059	6.14	2022
15	Vimlesh Kumar, Y. V. Singh, Prem Kumar Bharteey , Nidhi Luthra, Ayush Bahuguna, Sarvajeet and Pavan Singh	Optimizing Integrated Plant Nutrient Supply through STCR Approach for Targeted Yield of Forage Oat (Avena sativa L.) in an Inceptisols	<i>International Journal of Plant & Soil Science</i> , 34 (23): 233-238	5.07	2022
16	Guntamukkala Sekhar, Jami Naveen. Sushmita Thokchom, Prem Kumar Bharteey , Rajnish Yadav, Sarvajeet and Rajesh Kumar	Novel and Sustainable Approaches to Combat Climate Change in the Agriculture Sector: A Review	<i>Biological Forum – An International Journal</i> , 14(4): 203-210	5.11	2022
17	Ayush Bahuguna, Satish Kumar Singh, Sachin Sharma, Munesh Kumar Shukla, Nidhi Luthra, Prem Kumar Bharteey , Sarvajeet, Arvind, and Astha	Effect of Calcium Carbonate, pH and Time on the Adsorption and Desorption of Ni in Soils of Shikar Block of Mirzapur District of Uttar Pradesh	<i>Biological Forum – An International Journal</i> 14(4a): 185-189	5.11	2022

	Pandey and Pavan Singh				
18	Tilak Prasad Panika, Dilip Kumar Patgiri, Prem Kumar Bharteey , Rituparna Saikia and Dipankar Sonowal	Morphometric Analysis of Ranganadi Watershed in Lakhimpur District of Assam, India, using Remote Sensing and GIS Techniques	<i>Biological Forum–An International Journal</i> 15(1): 48-56	5.11 (UGC care listed)	2023
19	Y.V. Singh, S.K. Singh, P.K. Bharteey , S.R. Borah, Kajal Singh and P. Dey	Fertilizer Recommendations Developed through STCR with Integrated Nutrient Management Supply for Mustard in Inceptisol	<i>Biological Forum–An International Journal</i> 15(1): 218-221	5.11 (UGC care listed)	2023
20	Sudheer Kumar, Prem Kumar Bharteey* , Lata Vishnoi ³ , Sumit Rai, Supriya Pandey, Bipul Deka, Marami Dutta, Ashok Kumar, Sanjib Ranjan Borah, Ayush Bahuguna, Nidhi Luthra and Sudhir Pal	Assessment of soil fertility for wheat using combined Fuzzy and AHP techniques in Udham Singh Nagar of Uttarakhand, India	<i>Ecology Environment & Conservation</i> 29 (April Suppl. Issue): pp. (S458-S467)	5.41 (UGC care listed)	2023
21	V. Prajapat, Y. V. Singh, Prem Kumar Bharteey* , Sarvajeet, Kajal Singh, Sonal Sharma, Anuj Saraswat	Assessment of Soil Fertility Status of Different Villages of Depalpur Block of Indore District, Madhya Pradesh, India	<i>Environment and Ecology</i> 41 (1A) : 191-196	5.22 (UGC care listed)	2023
22	Y. V. Singh, Prem Kumar Bharteey , Kajal Singh, Sanjib Ranjan Borah, Ashok Kumar, Sudhir Pal and Francis Xavier Barla	Assessment of Water Quality in Ganga River Ghats of Varanasi District, Uttar Pradesh, India	<i>International Journal of Environment and Climate Change</i> , 13(5): 231-239	5.13	2023
23	Prem Kumar Bharteey* , Bipul Deka, Marami Dutta, Jonali Goswami and Rituparna Saikia	Geospatial variability of soil physico-chemical properties of Moridhal watershed in Dhemaji district of Assam, India using Remote sensing and GIS	<i>Annals of Plant and Soil Research</i> 25 (1): 99-109	5.23 (UGC care listed)	2023
24	Tusarkanta Behera, Anand Prakash Singh, Aditi Chourasia, Arvind, Ayush Bahuguna, Nitesh Kumar Singh, Munesh Kumar Shukla, Pavan Singh, Prem Kumar Bharteey* and Sumit Tripathi	Effect of fly ash, lime and chemical fertilizers on soil physico-chemical properties and growth of lentil	<i>Poll Research</i> , 42 (2): 300-306	5.10	2023
25	Arvind, P.K. Sharma, Ayush Bahuguna, Prem Kumar Bharteey , Tusarkanta Behera, Sumit Kumar Tripathi and Munesh Kumar Shukla	Characterization of different Organic Sources for Soil Improvement	<i>Biological Forum–An International Journal</i> 15(6): 529-531	5.11 (UGC Cared)	2023
26	Astha Pandeya, Satish Kumar Singha, Sheetal	The effectiveness of iron modified biochar as an adsorbent for arsenic in	<i>Poll Research</i> 42 (2) : 307-310	5.11	2023

	Sharma, Ajay Kumar Mishra, Ayush Bahuguna, Prem Kumar Bharteey , Sayon Mukharjee, Bharti Yadav and Bhanupriya Pankaj	aqueous solutions			
27	Y.V. Singh, Prem Kumar Bharteey* , S.K. Singh, Ayush Bahuguna	Impact of Nutrient Management Technologies on Maize under Irrigated Conditions in Chandauli District, Uttar Pradesh	Environment and Ecology 41 (3A) : 1606—1612 (UGC Cared)	5.23	2023
REVIEW ARTICLE					
1	Rajat Kumar Parit, Kaveri Mahanta, Prem Kumar Bharteey , and Shyamal Kishore Bordoloi	Changes in carbon pools and microbial activities of soil under conservation agriculture: A review	<i>The Pharma Innovation Journal</i> , 8(10):178 -187.	5.23	2019
2	Rajat Kumar Parit, P.K. Bharteey , Bishnu Jyoti Saikia, sarat sekhar Bora, P.K. Maurya and Ruthy Tabing	Nitrogen transformation in waterlogged soil in Indian rice fields: A review	<i>Journal of Experimental Agriculture International</i> , 42(3): 107-118.	4.89	2020

(h) OTHER PUBLICATIONS

Sl. No	Category of publication	Name of publication/title of paper	Authors	Year of publication	Publisher
1	Book Chapter	Atmospheric pollution and its harmful effect on climate and crop Production, 27-34, ISBN: 978-3-96492-154-3	Lekhika Borgohain, K.N. Das, Danish Tamuly, Prem Kumar Bharteey	2019	Weser Books Zittau, Germany
2	Book Chapter	Salt affected soils and their management aspects, 117-125, ISBN: 978-3-96492-154-3	Sukirtee, Vikas, Simmi, Paras Kamboj And P K Bharteey	2019	Weser Books Zittau, Germany
3	Book Chapter	Organic farming and sustainable agriculture: an overview, 172-179, ISBN: 978-3-96492-155-0	Rajnish Yadav, Manraj Yadav, Sirazuddin, Rajbeer Singh and Prem Kumar Bharteey	2019	Weser Books Zittau, Germany
4	Book Chapter	Rice weed dynamics and its management 56-65, Isbn: 978-1-913482-94-7	Chandrabhan Bharti, Anita Mohapatra, Rajesh Kumar, Alokmaurya, Vikash Kumar Yadav, Mahendru Kumar Gautam, Prem Kumar Bharteey	2019	Rubicon Publications Bloomsbury Square, London, England
5	Book Chapter	Soil loss estimation using universal soil loss equation model, 131-139, ISBN 978-3-96492-111-6	Prem Kumar Bharteey , Bipul Deka and Marami Dutta	2019	Weser Books Zittau, Germany
6	Book chapter	Future trends in organic farming and sustainable agriculture, 123-134	Manraj Yadav, Rajnish Yadav, Roheela Ahmad, Rajveer Yadav And Prem Kumar Bharteey	2020	Akinik Publications New Delhi

7	Book Chapter	Sustaining and enhancement of soil productivity, 142-154, ISBN: 978-93-91768-74-4	Rajnish Yadav, Seema Pooniyan, M. I. Bhat, P. K. Bharteey , Pawan Kumar Choudhary, Ratan Lal Sharma, Suraj Choudhary, Manju, Rahul Kumar Singh, Ashwani Kumar Singh and Samnan Khan	2022	Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India
8	Book Chapter	Engineered Nanoparticles for plant originated environmental consequence, CRC-SP/SS-2022/201	Sushmita Thokchom, Guntamukkala Sekhar, *Prem Kr. Bharteey , Nidhi Luthra and Ayush Bahuguna	2022	Boca Raton, Florida, United States, CRC, Taylor & Francis Group
9	Book Chapter	Soil productivity improvement and maintenance, 8-24, ISBN, 978-93-91768-99-7	*Prem Kumar Bharteey , Sushmita Thokchom, Guntamukkala Sekhar, Sarvajeet and Rajesh Kumar	2022	Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India
10	Book Chapter	Biofertilizers: role in soil health for sustainable agriculture, 138-144, ISBN, 978-93-91768-99-7.	Francis Xavier Barla and *Prem Kumar Bharteey	2022	Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India
11	Book chapter	Precision Farming: Use of Nanotechnology in Current Scenario, 111-124, ISBN: 978-93-95118-95-8	Francis Xavier Barla, Naorem Arunkumar Singh, Prem Kumar Bharteey , Laikhuram Banarjee Singh, A. Herojit Singh, N. Surbala Devi and Zarzoliana Ralt	2023	Integrated publication
12	Book	“Managing Soil health for Sustainable Agriculture” ISBN: 978-93-91768-99-7.	Dr. Prem kumar bharteey Mr. Ayush bahuguna Ms. Nidhi luthra Dr. Shakti om pathak	2022	Bhumi Publishing, Nigave Khalasa, Kolhapur 416207, Maharashtra, India
13	Book	“Practical manual on Fundamentals of Soil Science” ISBN 978-81-960671-7-5	Dr. G.R. Singh Mr. Ayush bahuguna Ms. Nidhi luthra Dr. Prem kumar bharteey	2022	Shri Gyan Sagar Publication, 14/30/36, Street No. 4, Indira Nagar-1, Meerut City-250002 (U.P.)
1	ABSTRACT: 10				
2	Popular article: 2				

I hereby declare that the above information is correct to the best of my knowledge, and I accept responsibility for its validity

(PREM KUMAR BHARTEY)

Place: **Mirzapur**
Date:.....