



Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 25-06-2026

1. Personal Profile

Title: **Dr.** First Name: **AJIMA** Last Name: **BEGUM**

Designation: **ASSISTANT PROFESSOR** Mobile No. -----

Phone No. (Office) ----- Phone No. (Residence): -----

Email: **ajima@kmc.du.ac.in** Webpage: -----



Facebook: ----- Twitter: -----

LinkedIn: ----- Instagram: -----

Youtube: ----- Research Gate Link: -----

Google Scholar Link: -----

Address: -----

2. Educational Qualifications

Degree/ Certification	Institution	Year
M.Phil	Gauhati University	2008
B.Ed	Gauhati University	2007
M.Sc.	Gauhati University	2006
Ph.D	Gauhati University	2019

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY B.N. COLLEGE, ASSAM	12.Mar.2012 - 18.Aug.2015	
CAREER PROFILE	ASSISTANT PROFESSOR	BOTANY Tihu College, Assam	19.Aug.2015 - 19.Nov.2020	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NORTH EAST STUDENT CELL Kirori Mal College	22.May.2023 - 16.May.2025	

ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT KIRORI MAL COLLEGE, DELHI	22.May.2023 - 16.May.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADVENTURE CLUB Kirori Mal College	22.May.2023 - 16.May.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	KARTAVYA- THE CIVIL SERVICE SOCIETY Kirori Mal College	22.May.2023 - 16.May.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NORTH EAST STUDENT CELL Kirori Mal College	19.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	ADVENTURE CLUB Kirori Mal College	19.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	THE SPIC MACAY UNIT Kirori Mal College	19.May.2023 - Till date	

4. Other Profiles

Other Profile Name/ Description

AREAS OF INTEREST/ SPECIALIZATION

Angiosperm Taxonomy, Plant Biodiversity

SUBJECTS TAUGHT

For UG Course

Economic Botany; Plant Systematics; Plant Anatomy; Plant Physiology and Metabolism; Biofertilizers; Mycology; Plant biodiversity and systematics; Plant biodiversity and evolution; Protected agriculture, Hydroponics, and organic farming; VAC-Science and Society

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Publication (Month-Year)
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JOURNAL PAPER (National)	Epidermal features, venation pattern and petiole anatomy of <i>Garcinia nigrolineata</i> Planch. EX T. Anderson, newly reported species from North East India	Plant Archives	Ajima Begum (Sole Author)		December 2020
JOURNAL PAPER (National)	EPIDERMAL FEATURES AND PETIOLE ANATOMY OF LEAF OF <i>GARCINIA DULCIS</i> (ROXBURGH) KURZ, NEWLY REPORTED SPECIES FROM NORTH EAST INDIA	Plant Archives	Ajima Begum (Sole Author)	NA	December 2020
JOURNAL PAPER (International)	Rediscovery of <i>Syzygium cyanophyllum</i> (Myrtaceae): a threatened rheophytic shrub endemic to Assam, north-east India	Webbia; Journal of Plant Taxonomy and Geography	Jatindra Sarma a, Hussain A. Barbhuiya b, Santanu Dey c and Ajima Begumd (Joint Author)	https://doi.org/10.1080/00837792.2019.1675261	December 2019
JOURNAL PAPER (International)	The impact of <i>Achyranthes aspera</i> seeds and leaves supplemented feeds on the survival, growth, immune system and specific genes involved in immunostimulation in <i>Clarias batrachus</i> fry challenged with <i>Aeromonas hydrophila</i> in pond conditions	ELSEVIER: Fish and Shellfish Immunology	JaiGopal Sharma a, Amarjeet Singh b, Ajima Begum c, Sonia d, Vungarala Hari Krishna d, Rina Chakrabarti b,* (Joint Author)		August 2021

JOURNAL PAPER (National)	Evaluation of nutritional value of prickly chaff flower (<i>Achyranthes aspera</i>) as fish feed ingredient	Indian Journal of Animal Sciences	NEELESH KUMAR1, JAIGOPAL SHARMA1, GUDDU KUMAR2, AVANISH KUMAR SHRIVASTAV1, NEHA TIWARI1, AJIMA BEGUM3 and RINA CHAKRABARTI2 (Joint Author)	NA	March 2021
JOURNAL PAPER (International)	<i>Garcinia sibeswarii</i> (Clusiaceae), a new species from Assam, India	Phytotaxa	PEERUMUHAMMED SUBAIDA SHAMEER1,2,6, JATINDRA SARMA3,7, NARAYANAN NAIR MOHANAN1,4,8* & AJIMA BEGUM5,9 (Joint Author)	https://doi.org/10.11646/phytotaxa.507.2.7	June 2021
JOURNAL PAPER (International)	Enhancement of pigments production in the green microalga <i>Dunaliella salina</i> (PSBDU05) under optimized culture condition	ELSEVIER; Bioresource Technology Reports	R. Reshma a,1, K. Chitra Devi a, S. Dinesh Kumar b,1, P. Santhanam b,*, P. Perumal b, N. Krishnaveni b, A. Begum c, M. Pragnya d, R. Arthikha e, B. Dhanalakshmi f, Mi-Kyung Kim g (Joint Author)	https://doi.org/10.1016/j.biteb.2021.100672	March 2021
JOURNAL PAPER (International)	Two new varieties of <i>Garcinia morella</i> Desrousseaux (Clusiaceae) from the Tinsukia district of Assam, India	Pleione	Ajima Begum1, S. K. Borthakur2 and Jatindra Sarma3 (First Author)	NA	December 2014
JOURNAL PAPER (International)	<i>Garcinia dulcis</i> (Roxburgh) Kurz [Clusiaceae]: a new distributional record for Assam, India	Pleione	Ajima Begum1, S.K. Barthakur2 and Jatindra Sarma3 (First Author)	NA	December 2013

JOURNAL PAPER (International)	Comparative micromorphological studies on leaf epidermis in three species of <i>Mimosa Linnaeus</i> (Mimosaceae) from Assam, India	Pleione	Ajima Begum ¹ and S. K. Borthakur (First Author)	NA	June 2013
JOURNAL PAPER (National)	A new distributional record for <i>Garcinia nigrolineata</i> Planch. ex T. Anderson (Clusiaceae) in Assam, India	J. Bot. Soc. Bengal	Ajima Begum ¹ , S. K. Borthakur ² and Jatindra Sarma ³ (First Author)		December 2014
CHAPTER (International)	Methods of Collection, Preservation and Taxonomic Identification of Marine Phytoplankton	Springer	P. Santhanam, P. Pachiappan, and A. Begum (Joint Author)	https://doi.org/10.1007/978-981-10-7938-2_2	January 2019
CHAPTER (International)	An Introduction to Plankton	Springer	P. Pachiappan, P. Santhanam, A. Begum, and B. Balaji Prasath (Joint Author)	https://doi.org/10.1007/978-981-10-7938-2_1	January 2019
CHAPTER (International)	Mass Scale Culture and Preparation of Microalgal Paste	Springer	A. Begum, S. U. Ahmed, S. Dinesh Kumar, M. Divya, P. Santhanam, and P. Pachiappan (Joint Author)	https://doi.org/10.1007/978-981-10-7938-2_16	January 2019
CHAPTER (International)	Study on Molecular Taxonomy and Phylogenetic Analysis of Phytoplankton	Springer	S. Jeyapandi, C. Rajthilak, P. Santhanam, A. Begum, S. Ravikumar, P. Pachiappan, and S. U. Ahmed (Joint Author)	https://doi.org/10.1007/978-981-10-7938-2_3	January 2019

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (International)	Basic and Applied Phytoplankton Biology	Perumal Santhanam; Ajima Begum; Perumal Pachiappan (Joint Author)	Springer	

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From- To
2017	REFRESHER COURSE ATTENDED	PARTICIPANT	National	UGC Sponsored Four Weeks Orientation Course	13.Feb.2017 - 10.Mar.2017
2014	REFRESHER COURSE ATTENDED	PARTICIPANT	National	UGC Sponsored Refresher Course in Basic Sciences (ID)	12.May.2014 - 02.Jun.2014
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	23.May.2023 - 21.Jun.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	Workshop on Hydroponics-Smart Urban Farming	11.Mar.2023 - 11.Mar.2023
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	MEMBER	National	Workshop on Role of Mushroom Cultivation in Women Empowerment : An Indian Perspective	01.Apr.2023 - 01.Apr.2023
2023	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Online Two Weeks Refresher Course in "Botany"	29.Jul.2023 - 13.Aug.2023
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission (UGC)	07.May.2024 - 16.May.2024
2025	FACULTY DEVELOPMENT PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	One week Faculty Development Program	25.Feb.2025 - 04.Mar.2025

Dr. AJIMA BEGUM