

DR. GITANJALI BORUAH

Designation: Assistant Professor

Qualification: MSc, NET, Ph.D.

Area of Specialization: Textiles and Apparel, Eco-friendly textile.

Area of Research: Green nanoparticles, antimicrobial finishes on textiles, natural dyes.

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Research Degree:



Degree	Title	Year	University
Ph.D	Application of copper nanoparticles generated on plant extract for antimicrobial finish on cotton fabric	2021	Assam Agricultural University, Jorhat
MSc	To study on mixture of selected natural dyes on mulberry silk yarn	2016	Assam Agricultural University, Jorhat

IT FORTE:

- Certificate of Post Graduate Diploma in Computer Application (PGDCA)

Honours/Awards

Qualified UGC National Eligibility Test (NET) (Lecturer/Assistant Professor) in the discipline of Home Science, July, 2018.

Professional experience

- Assistant Professor since 24th September, 2022 at MDKG College, Dibrugarh.
- Worked as a **Senior Research Fellow (SRF)** under the project NAHEP-IDP, College of Community Science, Central Agricultural University, Sangsanggre, Tura, Meghalaya funded by World bank from 30th September, 2021 to 31st January, 2022.

Subjects handled at the UG Level

Food and Nutrition, Dynamics of communication, Communication system and Mass Media, Human Nutrition, Life Science, Physical Science, Socio-economic environment.

Paper presentation in National and International Seminars/Workshops/Conferences:

a. Seminars/Workshops/Conferences:

Sl. No.	Title of the paper presented	Title of the Conference/Seminar/Workshop	Organiser	Sponsoring agency	Level	Date
1.	“Studies on antimicrobial activities of some of the indigenous herbs against <i>Aureimonas altamirensis</i>, an opportunistic human pathogen associated with cotton fabric	70 th Annual Meeting, Indian Phytopathological Society, New Delhi, National Symposium “Plant Health Management: Embracing Eco-Sustainable Paradigm”	Assam Agricultural University	ICAR	National	February 15-17, 2018

Publications

Published papers in Journals/Books

Sl. No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor, if any?	No. of Co-authors	Year of publication
1.	Eco-friendly Dyeing of Mulberry Silk Yarn with Bark of <i>Artocarpus lacucha</i> .	<i>International Journal of Current Microbiology and Applied Science</i>	2319- 7692 (Print), 2319-7706(Online)	YES	2	2018
2.	Dyeing of mulberry silk using binary combination of the leaves and monkey jack bark.	<i>Journal of Natural Fibers</i>	1544-0478 (Print), 1544-046x (Online)	YES, I.F: 5.323	4	2019

Abstract Published as Conference Proceedings

Sl. No.	Title with page no, issue no and volume no.	Name of the Journal	ISSN/ISBN No.	Whether peer reviewed impact factor, if any?	No. of Co-authors	Year of publication
1.	Efficacy on antimicrobial activities of the indigenous herbs against <i>Candida albican</i>, an opportunistic human pathogen associated with cotton fabric	3rd International Conference “Global Initiatives in Agricultural and Applied Sciences for Eco Friendly Environment” Kathmandu, Nepal				2019

Books Published

- Articles/Chapters published in Books:

Serial no.	Title with Page No.	Book title, Editor and Publisher	ISSN/ISBN No.	Whether Peer reviewed?	No. of Co-authors	Whether you are the main author?	Year of publication
01.	Assessment of phytochemistry, antioxidant, anti-inflammatory and antimicrobial activity of <i>Syzygium cumini</i> L. 33-47	<i>Research Trends in Multidisciplinary Research</i>	978-93-5570-040-7	-	03	Yes	2021

02.	Colourful costume of Karbi Anglong.	<i>Research Trends in Multidisciplinary Research.</i>	978-93-5570-143-5	-	02	No	2022
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Conference/Symposia/Webinars/RC/OP/FDP/STC/Training attended

SINo	NameoftheProgramme	Duration	Organiser	Sponsoringagency
1.	“Advances in applications of Nanotechnology”	11-15 th September, 2017	ICAR-CIRCOT, Mumbai	ICAR
1.	70 th Annual Meeting, Indian Phyto pathological Society, New Delhi, National Symposium “Plant Health Management: Embracing Eco-Sustainable Paradigm”	February 15-17, 2018	AAU, Jorhat	ICAR
2.	implementation of New Education Policy	6 th June, 2022	ACTA Dibrugarh Zone and ACTA MDKG College Teachers’ Unit	
3.	FDP on Academic Writing and Publication	1-7 th November, 2022	Teaching Learning Centre, Tezpur University	Tezpur University

ACADEMIC PROJECT:

- Four months Rural Agricultural Work Experience Programme (RAWEP) at Titabar, Jorhat, Assam
- Six months Experimental Learning Programme (ELP) in Textiles and Apparel Designing, AAU, Jorhat, Assam
- In plant training programme in garment construction industry i.e. Lohit Industries, Lakhtokia, Guwahati, from 9th April 2014 to 8th May 2014.
- In plant training programme covering production planning, Quality Control, Service area, purchase and accounts etc. organized by Orient Processors (P) Ltd. Unit II, Textile Division, Guwahati, from 9th- 23rd May 2014.