

**Dr. Malti Kumari Singh**  
**Assistant Professor**  
**Department of Botany**  
**PDUAM, DALGAON, DARRANG, ASSAM**  
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**Details of Service Experience:**

SL	Post and Name of the Institute	From-----to	Status of the Institute:
1.	Assistant Professor; Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya (PDUAM), Dalgaon, Darrang	Date of Joining: 05.08.2017 till date.	Affiliated to Gauhati University

**Personal Details:**

Name:	Dr. Malti Kumari Singh
Father's Name:	Shio Mangal Singh
Educational Qualification:	PhD.
Institution:	North Eastern Regional Institute of Science and Technology
Permanent Address:	Vill- Moutorchuk, P.O.- Bahadurchuk, P.S. – North Lakhimpur, Dist- Lakhimpur (Assam); Pin-787031
Date of Birth:	07-12-1985
Nationality:	Indian
Sex:	Female
Marital Status:	Married
Language Known:	English, Assamese, Hindi

### Details of Educational Qualifications

Sl No.	Particular	Name of Board/ University	Year of Passing
1.	High School Leaving Certificate Examination	SEBA	2001
2.	Higher Secondary Examination	AHSEC	2003
3.	B.A/B.Sc. Examination	DIBRUGARH UNIVERSITY	2006
4.	Masters	GAUHATI UNIVERSITY	2010
5.	Ph.D.	NERIST	2017
6.	NET	-	-
7.	SLET	UGC SET (NE Region)	2015
8.	1 year P.G.diploma in Computer Application	CEC (Computer Education Centre)	2008

### PUBLICATIONS:

(List of papers published in Journals with ISSN and ISBN Nos.)

S. No.	Author (s)	Title	Name of Journal	Volume	Page	Year	ISSN/ ISBN Nos.
1.	<b>M.K Singh, M. Sharma and C.L Sharma</b>	Anatomical characteristics of some plant members of Meliaceae from Assam, India	Journal of Bioresources		33-43	2019	2394-4315
2.	<b>M.K Singh, M. Sharma and C.L Sharma</b>	Wood anatomy of some Members of Euphorbiaceae and Phyllantaceae from Assam, India	Pleione	13(1)	1-11	2019	0973-9467

3.	<b>Malti K Singh</b>	Comparative wood anatomy of family Lythraceae of Assam/NE India with reference to their identification	International Journal of Advanced Scientific Research and Management	3(12)	269-276	2018	2455-6378
4.	<b>Malti K Singh</b>	A comparative wood anatomical study on two species of <i>Acacia</i>	International Journal of Recent Analytical Reviews	5(4)	141-149	2018	2348-1269
5.	<b>Singh Malti K</b>	Physical and Anatomical Properties of Selected Timber Species and their Medicinal Uses,	INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH AND REVIEWS	7(1)	417-426	2018	2279-0543
6.	<b>Singh Malti K and Chetia S</b>	Diseased Leaf Detection Using K-Mean Clustering and Texture Features	INTERNATIONAL JOURNAL OF RECENT SCIENTIFIC RESEARCH	9:2(1)	24427-24429	2018	0976-3031
7.	<b>Malti K Singh, Subrat Chetia</b>	Detection and Classification of Plant Leaf Diseases in Image Processing using MATLAB, 2017	INTERNATIONAL JOURNAL OF LIFE SCIENCES RESEARCH	5(4)	120-124	2017	2348-3148
8.	<b>Singh M.K, Sharma M.B and Sharma C.L.</b>	Wood anatomy of some members of family Lauraceae with reference to their identification	JOURNAL OF INDIAN ACADEMY OF WOOD SCIENCE	12(2)	137-144	2015	0972-172X
9.	<b>Sharma M, Sharma C. L, Lalmalsawma M, Singh M. K. and Gogoi</b>	Wood anatomy of some Ficus species of Mizoram, NE India with	INTERNATIONAL JOURNAL OF BOTANY AND RESEARCH	4(2)	19-30	2014	2319-4456

	<b>B. R.</b>	reference to their identification					
10.	<b>Singh M.K, Sharma M.B and Sharma C.L.</b>	Wood anatomical variations in some Terminalia species of Assam	INTERNATIONAL JOURNAL OF BOTANY AND RESEARCH.	3(2)	13-18	2013	2277-4815

(List of **Books/Chapters** published with ISSN and ISBN Nos.)

S. No.	Title	Author's Name	Publisher	Year of Publication	ISSN/ ISBN Nos.
11.	Micro-anatomical study of some selected woods	<b>Malti K Singh</b>	Biodiversity: Exploration, Exploitation and Conservation; Research Culture Society and Publication	2022	978-93-92504-01-03
12.	Foliage Diagnosis of Plant Disease Based on Image Processing Algorithm	<b>Malti K Singh, S. Chetia and Lakshmi K Singh</b>	Internet of Things and Businesses in a Disruptive Economy; Nova Science Publisher, New York	2021	978-1-53619-016-8
13.	Anatomical study of Softwood species of NE India	<b>Dr. Malti Kumari singh</b>	Symphony, Prof. JC Kalita; Purbayon	2019	978-93-88593-94-6
14.	Study on wood anatomy of <i>Shorea assamica</i> of Assam/NE India	<b>Malti K Singh</b>	Bioresources of Northeast India: Status and Conservation Strategies, Editor: Afifa Kausar; Sampriti	2019	978-81-939823-7-2
15.	Dielectric study of <i>Dysoxylum binectaniferum</i> at low frequency	<b>Malti K Singh and Diptimayee Tripathy</b>	Advances in Nuclear Physics and Condensed Matter. Editor Lakshmi K. Singh; Eastern Book House	2019	978-93-888-8000-0
16.	Comparative wood anatomy of four <i>Artocarpus</i> species of North East India with reference to their identification.	<b>Singh, M. K., Sharma, C. L. and Sharma, M.</b>	Wood is Good, Springer Nature Singapore Pte Ltd. DOI 10. 1007/978-981-10-3115-1.	2017	978-981-10-3113-7

17.	Medicinal uses of some NTFP's of Arunachal Pradesh	<b>Singh M. K.</b> and Gogoi B. R.	Recent Advances in Medicinal Plant Research of North East India, Krantikaal Prakashan, Nagaon: Assam	2017	978-93-84679-63-7
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#### PAPERS IN CONFERENCES/ PROCEEDINGS:

1. Presented paper entitled "Wood characteristics and medicinal uses of some timbers of NE India" by **M.K. Singh**, M. Sharma & C. L. Sharma in National Seminar "Recent Trends in Bioresources Management & Biodiversity Conservation" held during 17<sup>th</sup> -19<sup>th</sup> October, 2013 at Rajiv Gandhi University.
2. Presented paper entitled "Wood anatomy and medicinal uses of some timbers of NE India" by **M.K. Singh**, M. B. Sharma & C. L. Sharma in National Seminar "Recent Advances in Herbal Science and Technology for Drug Delivery" held during 18<sup>th</sup> -19<sup>th</sup> August, 2016 at ADP College, Nagaon.
3. Presented paper entitled "Medicinal uses of some NTFP's of Arunachal Pradesh" by **M. K. Singh** and B. R. Gogoi" in National Seminar "Recent Advances in Medicinal Plant Research of North East India" held during 11<sup>th</sup> -12<sup>th</sup> November, 2016 at ADP College, Nagaon.
4. Presented paper entitled "Study on wood anatomy of *Dipterocarpus macrocarpus* of Assam/NE India" by **Malti.K. Singh** in National Seminar "Prospects and Challenges of Plant Science Research in India" held during 25<sup>th</sup> and 26<sup>th</sup> November, 2017 at Gauhati University.
5. Presented paper entitled "Dielectric study of *Dysoxylum binectaniferum* at low frequency" by **Malti.K. Singh** in National Seminar "Materials, Condensed Matter & Theoretical Physics" held during 20<sup>th</sup> and 21<sup>st</sup> December, 2018 at ADP College.
6. Presented paper entitled "Study on wood anatomy of *Shorea assamica* of Assam/NE India" by **Malti.K. Singh** in National Seminar "Bio-Resources of North-Eastern India: Advanced Approaches in Research and Conservation Strategies for Sustainable Development" held during 7<sup>th</sup> – 8<sup>th</sup> February, 2019 at ADP College.
7. Presented paper entitled "Role of online learning during pandemic" by **Malti Kumari Singh** in International online Conference on "Teaching-Learning in the Time of pandemic: Role of Online Learning" held during 21<sup>st</sup> – 22<sup>nd</sup> April, 2020 organised by K.K. Handiqui State Open University, Guwahati.
8. Presented paper entitled "Impedence study of *Terminalia Arjuna* at low frequency" by **Malti.K. Singh** in International e-Poster Conference on "Current Outlook in Material Science and Engineering (COMSE-2k20)" held during 15<sup>th</sup> -16<sup>th</sup> May, 2020 organised by Bodoland University in association with Tripura University, ADP College & MIT Aurangabad.

9. Presented paper entitled “Fungal Leaf Disease Detection using Computation Methods” by **Malti.K. Singh** in National Conference on “Recent Advances in Science and Technology” held during 17<sup>th</sup> -19<sup>th</sup> August organised by Assam Science and Technology University.
10. Presented paper entitled “Softwoods- Their medicinal importance and identification” by **Malti.K. Singh** in National Conference on “Current Trends in Life Sciences” held on January 21<sup>st</sup> organised by Amity Institute of Biotechnology.
11. Presented paper entitled “Micro-anatomical study of some selected woods” by **Malti.K. Singh** in International Conference on “Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-2022)” held on 5<sup>th</sup> January, 2022 organised by PDUAM, Bihali, Assam.
12. Presented paper entitled “Comparative Wood Anatomy of Hardwood and Softwood Species with Reference to their Identification” by **Malti.K. Singh** in International Conference on “Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-2023)” held on 10<sup>th</sup> -11<sup>th</sup> February, 2023 organised by PDUAM, Bihali, Assam.