DHANAMANJURI UNIVERSITY

FACULTY PROFILE



DR. KAZHUHRII ESHUO

M.Sc., PhD

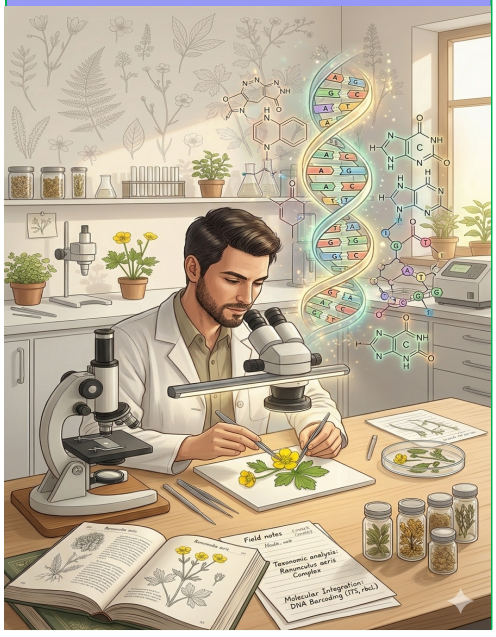
Assistant Professor (Senior)

Department of Botany

Dhanamanjuri University

+91 7005022393

Kazhuhrii@gmail.com/ Kazhuhrii@dmu.ac.in



Academic Qualification

Degree	University
B.Sc. Botany (2005)	NEHU
M.Sc. Botany (2008)	Nagaland University
PhD (2013)	Nagaland University

Specialization: Angiosperm Taxonomy

PhD Thesis Topic: *"Studies on Liverworts and Hornworts of Kohima and Mokokchung districts, Nagaland "*

Research Interests

- **Lower Plant Taxonomy:** Morphological identification, classification, and biodiversity assessment of non-vascular and spore-bearing plants.
- **Spermatophyte Systematics:** Integrative taxonomic and molecular phylogenetic studies of seed-bearing plants.
- **Ethnobotany:** Multidisciplinary investigation into traditional plant knowledge, medicinal uses, and human-plant interactions.

Weblink

https://scholar.google.com/citations?user=FTWNgZkAAAAJ&hl=en

https://www.researchgate.net/profile/Kazhuhrii-Eshuo?ev=hdr_xprf

https://orcid.org/0000-0002-3220-5620

New Plant Species Discovered

1. ***Dillenia nagalim*** S.Kashung & K.Eshuo (2026)
2. ***Gastrochilus pseudocalceolaris*** S.Dey, L.Phom, Av.Bhattacharjee, Moakum & K.Eshuo (2022)

New records for India and Manipur

1. ***Lycopus lucidus*** Turcz. ex Benth. (new to India, 2026)
2. 34 Plants newly added to the flora of Manipur
3. 2 Families of angiosperms added to the flora of Manipur

Teaching Experience:

- **13 Years in UG & PG (Botany & Environmental Studies)**

Assistant Professor, Department of Botany, D.M. College of Science, Dhanamanjuri University, Manipur.	June 2018- till date
Assistant Professor, Department of Botany, Modern College, Kohima	August 2014- Nov. 2017
Theta Tutorials (Medical and Engineering) Kohima, Nagaland.	March 2023 – May 2018

Research Scholars pursuing PhD (Ongoing): 3 (Three) Scholars

Sl. No	Name of the Scholar	Thesis Topic	Date of Registration	Fellowship Received
1	Kholi Kaini	Bryoflora of Senapati District, Manipur	10-08-2022	NFST
2	Kerene Gangmei	Studies on floristic diversity of Tamenglong District, Manipur, Northeast India	15-12-2025	--
3	Gladyso Kashung	Floristic study of Ukhrul district, Manipur, Northeast India	15-12-2025	--

Research Project Grants Received:

Sl. No.	Title of the project	Role	Duration	Year	Amount	Agency
1	To study pollinators and analyses soil nutrients of farms of different progressive Kachai Lemon growers, *Citrus jambhiri* Lush	Co-PI	1 Year	2024-2025	120000.00	DST, Govt. of Manipur
2	"Studies on Floristic Diversity, assessment of RET plants, and their conservation strategies in Senapati and Ukhrul districts, Manipur, Northeast India"	PI	3 Years	July 2025-July 2028	4823040.00	ANRF

DHANAMANJURI UNIVERSITY

Publications: 27 research papers & 3 book chapters

Research publications

1 **Eshuo, K.**, Kashung, S., Lokho, K., Mero, P., Kaini, K., Maheo, R.S., Gangmei, K., Kashung, G., Leishilembi, U. & Rupa, T. (2026). New records of *Lysimachia* (Primulaceae) to the flora of Manipur, Northeast India. *Discover Plants,* **3**: 340. https://doi.org/10.1007/s44372-026-00960-y

2 Kashung, S., Leishilembi, U., Kaini, K., Maheo, R.S., Rupa, T., Kashung, G., Gangmei, K., Lokho, K. & **Eshuo, K. (**2026). *Dillenia nagalim* (Dilleniaceae): a new species based on morphological and molecular characters from Manipur, Northeast India. *Phytotaxa,* **751 (2):** 057–064. https://doi.org/10.11646/phytotaxa.751.2.1

3 Leishilembi, U., Kaini, K., **Eshuo, K.**, Maheo, R.S., Gangmei, K., Kashung, G., Rupa, T. & Kashung, S. (2026). *Lycopus lucidus* Turcz. ex Benth. (Lamiaceae): a new addition to the flora of India. *Vegetos*. https://doi.org/10.1007/s42535-026-01778-5

4 Kaini, K., **Eshuo, K.**, Kashung, S., Lokho, K., Devi, A.M., & Leishilembi, U. (2026). New distributional records of two plants (*Crotalaria* and *Vaccinium*) from Manipur, India. *Plant Science Today,* **13(2)**: 1–7. https://doi.org/10.14719/pst.11061

5 Kaini, K., Maring, K.S., Leishilembi, U., Maheo, R.S., Kashung, S., Pinokiyo, A. & **Eshuo, K. (**2026). Additions of two new families (Petiveriaceae and Talinaceae) to the flora of Manipur, India. *Plant Science Today,* **13(2)**: 1–7. https://doi.org/10.14719/pst.12067

6 **Eshuo, K.** & Kashung, S. (2025). Three new additions to the orchid flora of Manipur, Northeast India. *Plant Science Today,* **12(4)**: 1–5. https://doi.org/10.14719/pst.8768

7 Kaini, K. & **Eshuo, K.** (2025). Morpho-taxonomic studies on the genus *Fissidens* Hedw. (Bryophyta: Fissidentaceae) in Senapati District, Manipur, India. *Journal of Threatened Taxa,* **17(11)**: 27787–27796. https://doi.org/10.11609/jott.9871.17.11.27787-27796

8 **Eshuo, K.,** Kaini, K. & Chaturvedi, S.K. (2024). Additions of two genera of liverworts (Marchantiophyta) to the bryoflora of Nagaland, India. *Journal of Threatened Taxa,* **16(12)**: 26312-26316. https://doi.org/10.11609/jott.9314.16.12.26312-26316

9 **Eshuo, K.**, Kashung, S. & Kaini, K. (2024). Additions to the angiosperm flora of Manipur, India. *Plant Science Today,* **11(4)**: 280-286. https://doi.org/10.14719/pst.3586

10 **Eshuo, K.** (2024). New distribution record of *Alstonia sebusii* (Van Heurck & Müll. Arg.) Monach. from Manipur, India. *Journal of Threatened Taxa,* **16(4)**: 25089–25093. https://doi.org/10.11609/jott.8772.16.4.25089-25093

11 **Eshuo, K.** (2024). *Cheirostylis* Blume (Orchidaceae): a new generic addition to the orchid flora of Manipur state, Northeast India. *Plant Science Today,* **11(1)**: 564–567. https://doi.org/10.14719/pst.2609

12 Mero, P., **Eshuo, K.** & Puro, N. (2024). *Strobilanthes khasyana* (Acanthaceae): an addition to the flora of Nagaland, India. *Journal of Threatened Taxa,* **16(5)**: 25276–25278. https://doi.org/10.11609/jott.8960.16.5.25276-25278

13 **Eshuo, K.** & Lokho, A. (2023). *Sauromatum horsfieldii* (Araceae): a new addition to the flora of Manipur, northeastern India. *Journal of Threatened Taxa,* **15(1)**: 22538–22542. https://doi.org/10.11609/jott.8024.15.1.22538-22542

14 **Eshuo, K.** (2023). *Lycianthes lysimachioides* (Wall.) Bitter (Solanaceae): A New Addition to the Flora of Manipur, Northeast India. *Biological Forum – An International Journal, **15*(2)**: 342-345. https://www.researchtrend.net/bfij/pdf/Lycianthes-lysimachioides-(Wall.)-Bitter-(Solanaceae)-A-New-Addition-to-the-Flora-of-Manipur,-Northeast-India-Kazhurii-Eshuo-54.pdf

15 Dey, S., Phom, L., Bhattacharjee, A., Moaakum & **Eshuo, K**. (2022). *Gastrochilus pseudocalceolaris*, a new species of epiphytic orchid from India. *Phytotaxa,* **574 (4)**:295-300. https://doi.org/10.11646/phytotaxa.574.4.5

16 **Eshuo, K**. (2014). Rediscovery of *Plagiochilion mayeb*arae S. Hatt. from Nagaland, India. *Acta Biologica Plantarum Agriensis*, **3:** 23-29.

17 **Eshuo, K**. (2014). Studies on genus *Herbertus* Gray and its new extensional distribution to North East India Sub-region. *International Journal of Current Microbiology and Applied Sciences* **3(3)**: 187-195. https://www.ijcmas.com/vol-3-3/Kazhuhrii%20Eshuo.pdf

18 **Eshuo, K.**, Jing, I. & Chaturvedi, S.K. (2013). Study on the family Calypogeiaceae (Hepaticae) Nagaland, North East India. *Bioherald*, **3(2)**: 105-114.

19 **Eshuo, K.,** Lokho, A. & Duolo, V. (2013). Morpho-Taxonomic studies on genus *Radula* Dumort. (Radulaceae: Hepaticae) from Nagaland, north east India. *Indian Journal of Plant Sciences*, **2 (3)**: 66-72. (An Online International Journal Available at http://www.cibtech.org/jps.htm)

20 **Eshuo, K.**, Chaturvedi, S.K. & Sale, V. (2012). Morpho-Taxonomic studies on genus *Scapania* (Dumort.) Dumort. : Hepaticae in Nagaland. *Indian Journal of*

Fundamental and Applied Life Sciences, **2(2)**: 42-50. (online at http://www.cibtech.org/jil.htm)

21 **Eshuo, K**. & Chaturvedi, S.K. (2011). *Ceropegia longifolia* Wallich (Apocyanaceaae: Asclepiadoideae) – a new record for Manipur, India. *Pleion,*. **5(1)**: 201-204.

22 **Eshuo, K**. & Chaturvedi, S.K. (2011). Distributional range of genus *Saccogynidium* Grolle (Hepaticae: Geocalycaceae) in the North East India. *Bionature,* **31(2):** 85-89.

23 **Eshuo, K**. & Chaturvedi, S.K. (2011). *Porella obtusata* var. *macroloba* (Hepaticae): A new addition to Eastern Himalayan bryoflora. *Bioherald,* **1(1)**: 84-87.

24 Chaturvedi, S.K. & **Eshuo, K**. (2012). Abnormal reproduction in *Asterella khasyana* (Griff.) Pande, K.P. Srivast. & Sultan Khan (Marchantiophyta: Hepaticae) from Nagaland. *The International Journal of Reproductive Biology,* **4(2):** 89-92.

25 Chaturvedi, S.K., Sale, V. & **Eshuo, K**. (2011). Diversity of *Fissidens* Hedw. (Musci) of Kohima district, Nagaland. *Journal of the Indian Botanical Society,* **90(1 & 2):** 28-32.

26 Chaturvedi, S.K., Sale, V. & **Eshuo, K**. (2011). Morpho-Taxonomic studies on some corticolous mosses of Longkhum reserve forest, Mokokchung district, Nagaland. *Bionature,* **31(1)**: 1-12.

27 Chaturvedi, S.K., **Eshuo, K.** & Sale, V. (2011). *Fossombronia wondraczekii* (Corda) Dum. (Fossombroniaceae): New to Eastern Himalayas. *Phytomorphology,* **61(3 & 4)**: 93-96.

List of publications in book chapters

1 **Eshuo, K**., Kaini, K. & Kashung, S. (2026). A study on Mao Naga Cultural and Traditional Heritage: Conservation and Preservation Strategies. *In: Conserving Cultural Heritage-The Indian Perspective*. Eds. Singha, L. B. and Kumar, V. Walnut Publication, Noida, India and London, UK. Pp. 120–132.

2 **Eshuo, K**. & Chaturvedi, S.K. (2014). Diversity of the genus *Heterocyphus* Schiffner (Hepaticae) in Nagaland, India. *In: Diversity and conservation of plants and Traditional Knowledge.* Eds. S. Panda and C. Ghosh, Bishen Singh Mahendra Pal Singh, Dehra Dun, Pp. 91–102.

3 **Eshuo, K**. & Chaturvedi, S.K. (2011). New distributional record for six species of *Bazzania* S.F. Gray (Lepidoziaceae) from Nagaland, India, and their morpho-taxonomic

studies. *In: Recent Studies in Biodiversity and Traditional Knowledge in India*. Eds. Chandra Ghosh and A.P. Das, Gour Mahavidyalaya, Malda, Pp. 45–57.

List of FIP/RC/STC/NEP/programme attended

1 **Refresher Course (RC):** Completed RC on "**Recent Trends in Biology**" organized by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi in collaboration with Gargi College, University of Delhi from 30th May - 12th June, 2026.

2 **Short Term Course (STC)**: Completed STC on the theme "**Science**" organised by UGC, MMTTC, Sardar Patel University, Vallabh Vidyanagar from 02-02-2026 to 08-02-2026.

3 **NEP 2020 Orientation**: Completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTTP), University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre, National Institute of Educational Planning and Administration, New Delhi in collaboration with Dhanamanjuri University, Manipur from 03-12 February 2025.

4 **Refresher Course (RC):** Completed Refresher Course on the theme "**Material Science and Nanotechnology**" (Inter/Multi-disciplinary) from UGC HRDC, NEHU, Shillong from 24th September, 2021 to 8th October, 2021.

5 **Faculty Induction Programme (FIP):** Completed FIP programme conducted by UGC HRDC, Aligarh Muslim University, Aligarh from 17th July 2021 to 24th August 2021.

List of Training/Workshop/Conference/Seminar/Webinars Programmes Attended

1 Attended and presented an oral paper on "Studies on Mao Naga cultural and traditional heritage: conservation and preservation strategies" at the National Conference on **Implications of Climate Change and Conservation of Natural Resources and Cultural Heritage.** Jointly Organized by the Department of Life Science (Botany), Manipur University, Imphal, and the International Council for Biodeterioration of Cultural Property (ICBCP), Lucknow. 25th –27th February, 2025, Manipur University, Imphal.

2 Participated and presented an oral paper, "Kachai Lemon, *Citrus jambhiri* Lush.: a case study on pollinators", at the National Seminar on Current Understandings of Plant Health, 12th May, 2024, organised by the Department of Botany, School of Life Sciences, Manipur University.

3 Participated in one day the 11th International Conference on "**Professional Development of Teachers in Higher Education"** Jointly organized by Internal Quality Assurance Cell (IQAC), North-Eastern Hill University (NEHU), Shillong, Meghalaya, India; Indian Society for Training and Development (ISTD), Shillong

Chapter, Shillong, Meghalaya, India In collaboration with Department of Philosophy, and the IQAC, Moran College, Moranhat, Charaideo Dist., Assam, India and Department of Philosophy, Sri Venkateswara University (SVU), Tirupati, Andhra Pradesh, India on 5th SEPTEMBER 2022.

4 Attended and presented an oral presentation in the International Webinar on "**Recent Trends in Autotrophic Cryptogam Research**" from 7 - 8 October, 2021 on the Topic "Studies on oil bodies in some leafy liverworts (Hepaticae) in Nagaland, NE India" organised jointly by the Department of Ecology & Environmental Science, Assam University, Silchar, CSIR-National Botanical Research Institute, Lucknow and Indian Lichenological Society (ILS), Lucknow.

5 Participated in a two-day International Webinar (26-27 September, 2021) on "**Eco Literature & Sustainable Development**" organised by the Department of Political Science, Sociology and English of Jain Kanya Pathshala, P.G. College, Meerut, UP.

6 Participated in a one-day national workshop on "**Online Learning Self-Assessment**" organized by NEHU, Shillong, Meghalaya on 24th June, 2021.

7 Participated in a two-day international webinar on "**Naga Culture and Languages**" on 12th and 14th May, 2021, organised by The Research Cell, Asufii Christian Institute, Punanamei, Mao.

8 Attended a National Webinar on "**Impact of climate change on natural resources and biodiversity**" organised by Kohima Science College on 14th November, 2020.

9 Participated in the National Level Webinar on "**Gender Equality: Issues, Challenges and Measures**". Held on 30th September, 2020 and hosted by IQAC, Bethany Christian College, Churachandpur, Manipur in collaboration with IQAC, Churachandpur College, Churachandpur, Manipur.

10 Participated in a national Webinar on "**How to Publish Research Papers in UGC CARE Listed Journal (Advances in Plant Sciences)"** organised by Academy of Plant Sciences India (APSI) on 27th September, 2020.

11 Participated in the International Webinar series on the topic "**Avenues in Plant Taxonomy: Jungle to Journal"** held on 20th and 21st September, 2020, organised by BioLit-Institute for Life Science, Thiruvananthapuram, Kerala, India.

12 Participated in a national Webinar on "**National Education Policy 2021 and its Implications on India Higher Education system**" held on 6th September, 2020, organised by IQAC, Churachandpur College.

13 Participated in a five-day workshop on "**Botanical Nomenclature Course**" organised by Botanical Survey of India (BSI), Shillong from 27-31 January 2020.

14 Participated in a Workshop on "**Paper Writing Skills**" organised by the Department of Environmental Science, D.M. College of Science, Imphal on 18th December, 2019.

15 Participated in a three-day workshop on "**Pedagogy and Assessment Tool Preparation**" from 24-26 March, 2019, jointly organised by D.M. College of Teacher Education, Imphal & G.P. Women's College, Imphal and sponsored by Directorate of University and Higher Education, Government of Manipur.

16 Attended and presented an Oral Presentation on "*Common Medicinal Plants Used by the Mao Naga Tribe of Manipur, NE India and its Conservation Strategies*" in the National Conference of **Stakeholders on Conservation, Cultivation, Resource Development and Sustainable Utilisation of Medicinal Plants of North-East India** at Nagaland University, Lumami from 6-7 March, 2019, jointly organised by Department of Botany, Nagaland University, Lumami & Society for Conservation and Resource Development of Medicinal Plants (SPM), New Delhi.

17 Attended a three-day training programme on "**Training on Basics of Plant Identification and Nomenclature**" organised by Eastern Regional Centre, Botanical Survey of India, Shillong from 7th to 9th November, 2016.

18 Attended a National Level "**Capacity Building Training Course in Plant Taxonomy**" organised by Tej Narayan Banaili College, Bhagalpur in collaboration with Department of Botany, T.M. Bhagalpur University, Botanical Survey of India and ENVIS Centre on Floral Diversity, Howrah and Ministry of Environment, Forests and Climate Change, Govt. of India from February 20-27, 2015.

19 Participated and presented a Poster presentation entitled "*Diversity of Thalloid Liverworts and Their Conservation in Nagaland, India*" in the **First International Conference on Bio-Resource and Stress Management held at Science City, Kolkata, India** from 6-9th February, 2013.

20 Participated and presented a Poster presentation entitled "*Some Noteworthy Thalloid Liverworts of Nagaland, India*" in the National Conference on "**Recent Trends in Plant Diversity Study and Conservation Strategies**" organised by the Department of Botany, Nagaland University, Lumami in Collaboration with East Himalayan Society for Spermatophyte Taxonomy (EHSST) from 29-30th September, 2012.

21 Participated and presented an Oral presentation entitled " *Studies on Oil Bodies of some leafy liverworts (Hepaticae) from Nagaland*" in the **National Conference on "Recent Trends in Plant Diversity Study and Conservation Strategies**" organised by the Department of Botany, Nagaland University, Lumami in Collaboration with East Himalayan Society for Spermatophyte Taxonomy (EHSST) from 29-30th September, 2012.

22 Participated in the state-level workshop on "**Present trends and future Scope of research in Nagaland" organised by Nagaland University Research Scholars' Forum, Kohima, in** collaboration with the State Council of Education Research & Training (SCERT) Kohima, on 5-6th July, 2012.

23 Participated as a **Trainee** in the state-**level training of Field Investigators on documentation, Assessment and promotion of local Health Traditions and**

Survey of Flora Used in the Local Health traditions of Nagaland, jointly organised by the Department of Botany, Nagaland University, Lumami and Institute of Ayurveda and Integrative Medicine, Bangalore, sponsored by North East Institute of Folk Medicine (NEIFM), Pasighat, Arunachal Pradesh from April 10-17, 2012.

24 Participated in a 2-day National Workshop on "**Women in Scientific Research-Examining the challenges and Identifying their Needs**" from 23-24th August, 2011, organised by the Department of Chemistry, Nagaland University, Catalysed and Supported by NCSTC-DST, New Delhi.

25 Attended a three-day national seminar on "**Diversity, Conservation and sustainable utilisation of plants and Traditional Knowledge in Eastern Himalaya**" and presented a paper entitled "***Diversity of Genus Plagiochila (Dumort.) Dumort. in Kohima and Mokokchung district, Nagaland***", jointly organised by the Department of Botany, organized by Eastern Himalayan Society of Spermatophyte Taxonomy, North Bengal University, Siliguri, 14th to 16th December, 2010.

26 Participated in **a research poster Competition** organized by Nagaland University held at Lumami campus on 6th September, 2009.

27 Participated in the **Research Methodology Course (Biological Sciences) for PhD Scholars** held at Academic Staff College, Gauhati University, sponsored by the University Grants Commission, from 12th September to 1st November, 2009.

28 Attended "**Capacity Building Training in Plant Taxonomy**" organised by Botanical Survey of India, Eastern Circle, Shillong from 3rd to 15th November, 2008.

Administrative and/or Academic Duties

1. Committee Member, International Day for Plant Health, (2025, 2026), Dhanamanjuri University.
2. Committee Member, Departmental Sub-Committee to conduct Seminar and Viva-Voce for PhD Entrance Test 2025, Dhanamanjuri University.
3. Committee Member, Department Board of Studies (DBS), Department of Botany, Dhanamanjuri University (2025).
4. Committee Member, Annual Report 2022-2023, 2024-2025, 2025-2026 Dhanamanjuri University.
5. Library In-charge of Botany Department, D.M. College of Science, Dhanamanjuri University, Manipur.
6. Presiding Officer, 8th Lok Sabha Election 2024, 1-Inner Manipur Parliamentary Election 2024.
7. Admission Committee, M.Sc. Botany, Dhanamanjuri University (2023, 2024, 2025, 2026)
8. Teacher-in-charge of external Study Field Trip to Sikkim by M.Sc. Students (2019).
9. Presiding Officer, general election to Manipur Legislative Assembly 2022.





10. Presiding Officer, 17th Lok Sabha Election, 1-Inner Manipur Parliamentary Election 2019.
11. External member of the Research Selection Committee for Research Associates and Research Assistants at NIT, Manipur (2023).
12. Nominated to the Board of Studies, Department of Botany, Mount Everest College (Autonomous), Senapati, Manipur.

Reviewer for Scientific Journals:

1. Scientific Reports (Springer Nature)
2. BMC Plant Biology (Springer Nature)
3. RHEEDEA Journal of the Indian Association for Angiosperm Taxonomy (IAAT).
4. Plant Science Today
5. Discover Plants (Springer Nature)

(Dr. Kazhuhrii Eshuo)



