RESUME

i	**Name**	:Limasunep Longkumer
ii	**Father's Name**	:Tongpang Longkumer
iii	**Date of birth**	:September 18, 1991
iv	**Address for Correspondence**	:H/No 522, Padum Pukhuri village, Dimapur, Nagaland Pin: 797116 Phone no. 8119006141 E-Mail: *limasuneplkr@gmail.com*
v	**Permanent Address**	:H/No: 522, Padum Pukhuri Village, Dimapur, Nagaland. Pin- 797116
vi	**Nationality**	:Indian
vii	**Religion**	:Christian
viii	**Marital Status**	: Married
ix	**Academic Qualification**	:

Sl. No	**Examination passed**	**Percentage of marks**	**Subject**	**Year of passing**	**Board/ University**	**Institute**
1	HSLC (X)	60 %	English, Adv. Math, Science, Hindi Social science, Mathematics	2008	NBSE	Holy Cross School, Dimapur, Nagaland
2	HSSLC (XII)	57 %	English, Alt. English, Mathematics, Physics, Chemistry, Biology	2010	NBSE	Pranab Vidyapith Higher Secondary School, Dimapur
3	B.Sc. (Agri.)	80.1 %	All agricultural subjects	2014	NU	Nagaland University, Medziphema, Nagaland
4	M.Sc. (Agri.)	74.8 %	Plant Molecular Biology and Biotechnology	2016	CAU	College of Post Graduate Studies, CAU, Umiam, Meghalaya
5.	Ph.D (Agri.)	78.6%	Agricultural Biotechnology	2023	Assam Agricultural University	Assam Agricultural University

x. Achievements:

- Top among the class of Plant Molecular Biology and Biotechnology, M.Sc Agri 2016.
- Qualified joint Council of Scientific and Industrial Research (CSIR-UGC) NET in the subject of Life Sciences, 2016.
- Qualified ASRB NET in Agricultural Biotechnology, 2018.
- Received the best article award on 05/05/2020 for the article entitled "Understanding Heavy Metal Toxicity Tolerance in Plants: A Molecular Approach" by the Agriculture and Food e-Newsletter.

xi. Professional Development:

- Master's Thesis work done in "Evaluation of putative mutant populations in rice (*Oryza sativa* L.) and rapeseed (*Brassica rapa* syn. *campestris*) for aluminium toxicity tolerance".
- Participated in the National Symposium on Molecular Insect Science, 2018.
- Participated in the International Symposium on Biotechnology for food National Security and organic agriculture, 2019.
- Participated in the workshop on Gene editing for enhancing plant productivity and Stress tolerance, held at ICAR-IIRR, Hyderabad on 10-12 November 2019
- Ph.D thesis research was based on the title "Development of seedless Bhimkol (*Musa balbisiana*, BB genome) through CRISPR/cpf1" which was initiated on 2018 and completed on 2022.
- Employed as J.R.F in the DBT funded project entitled "Development of seedless Bhimkol (*Musa balbisiana*, BB genome) through CRISPR/cas9 and mutation approach" from 06/2018 till completion of the duration of the project on 06/2021 under the guidance of Principal Investigator, Dr. Salvinder Singh, Professor, Agricultural Biotechnology, Assam Agricultural University.
- Employed as Guest faculty in the department of Biotechnology and Bioinformatics, north Eastern Hills University (NEHU), Shillong from September 2023-March 2024.
- Employed as Guest Faculty in the department of Biotechnology, Nagaland University-School of Engineering and Technology (NU-SET) from March 2024 till date.

xii. Publications:

- Authored an article on the Agriculture and Food e-Newsletter entitled "Understanding Heavy Metal Toxicity Tolerance in Plants: A Molecular Approach" published in the month of May 2020.
- Co-authored a mini- review article entitled "RNAi and CRISPR: Promising Tool for Gene

Silencing" in the Journal of Scientific and Technical Research published on December 2021.

- Published a book chapter titled "Plants Response to Metalloid Signal: Insight into the Link Between Silicon and Plant Signalling" on Springer Nature, 2024.
- Published a book chapter titled "Functional genome Analysis and Genome editing in plants" on CRC press, 2024.
- Authored a full length research paper entitled "Response of Rice Variety Nagina 22 (N22) and its Putative Mutants to Aluminium Toxicity Conditions in North-East India" in the International Journal of Bio-resource and Stress Management, published on June 2022.

xiii. Skills:

- Good working knowledge in Bioinformatic tools used for research puproses.
- Highly experienced in Plant tissue culture.
- Skilled in construct designing for genetic transformation of Eukaryotes.
- Skilled in Microsoft office tools.

DECLARATION

I do hereby declare that the above mentioned information is true to the best of my knowledge and belief.

Date: 10th February 2026 **Limasunep Longkumer**

Place: Kohima, Nagaland-797001