

## PROFORMA OF FACULTY PROFILE



Name: **Dr. Tankeswar Gohain**

DOB-01.03.1968

Designation: **Professor (Agronomy)**

Department of Agronomy, SAS, NU

[E-mail-tankeswar1968@gmail.com](mailto:E-mail-tankeswar1968@gmail.com)

[tgohain@nagalanduniversity.ac.in](mailto:tgohain@nagalanduniversity.ac.in)

[hodagro@nagalanduniversity.ac.in](mailto:hodagro@nagalanduniversity.ac.in)

Mobile-9436430276

Date of Joining the Institute-16/10/2003

### Academic qualifications:

Sl. No	Examination passed	Division With % of marks	Subjects	Year of passing	Board/ University
1	H. S. L. C.	First Division	Ass, Eng, Sci, Math, Sanskrit, Social Study, Geog, Work Exp.	1983	Board of Secondary Education, Assam,
2	P. U. Sc.	First Division	Assamese. English Physics, Mathematics Chemistry, Biology	1985	Gauhati University, Guwahati, Assam
3	B. Sc. (Ag.)	First Division	Agriculture	1989	Andhra Pradesh Agricultural University Hyderabad-30
4	M. Sc. (Ag.)	First Division	Agronomy	1992	Assam Agricultural University, Jorhat-13
5	Ph. D. (Ag.)	Awarded	Agronomy	2001	Assam Agricultural University, Jorhat-13
6	ICAR-NET	Qualified	Agronomy	1996	ASRB, New Delhi

**Service experience:**

Employer	Status of Institute/ University	Post held	Scale of pay	Basic Pay	Period of Employment			Nature of Duties/ work
					From	To	Length of service	
Vice-Chancellor, Nagaland University H .Q. Lumami	Central Govt.	Professor	AGP Rs.10000/-	172200/-	16/10/18	Till now	5-years	Teaching/ Research
Vice-Chancellor, Nagaland University H .Q. Lumami	Central Govt.	Associate Professor Stage-IV	AGP Rs.9000/-	`46400/-	16/10/15	15/10/18	3-years	Teaching/ Research
Vice-Chancellor, Nagaland University H .Q. Lumami	Central Govt.	Asst. Professor Stage-III	AGP Rs.8000/-	`33476/-	16/10/12	15/10/15	3-years	Teaching/ Research
Vice-Chancellor, Nagaland University H .Q. Lumami	Central Govt.	Asst. Professor Stage-II	AGP Rs.7000/-	`28840/-	16/10/07	15/10/12	5-years	Teaching/ Research
Vice-Chancellor, Nagaland University H .Q. Lumami	Central Govt.	Asst. Professor Stage-I	AGP Rs.6000/-	`9100/-	16/10/03	15/10/07	4-years	Teaching/ Research
Chairman, Rubber Board, Ministry of Comm. & Industry, GOI Kottiyam, Kerala	Central Govt.	Scientist,S2 Agronomy	Rs.6500/ -10500/-	`6500/-	09/06/02	15/10/03	1-year & 4-months	Research
Chairman, Rubber Board, Ministry of Comm. & Industry, GOI Kottiyam, Kerala	Central Govt.	Junior Scientist, Agronomy	Rs.5500/ -9000/-	5500/-	09/06/97	08/06/02	5-years	Research

**Research areas/Field of specialization:** Crop Production/Nutritional Management and Cropping Systems.

**Teaching Areas:** Agronomy Courses in Undergraduates, Post Graduates and Doctorate

## Publications in Journals: 77

1. T. Gohain, Sentirenla Jamir and KhrawborDkhar (2023). Effect of NPK Fertilizer Doses on Production and Productivity of Local Rice (*Oryza sativa* L.) Cultivars of Nagaland under Upland Rainfed Condition. *Biological Forum-An International Journal*. Online publication 15(10): 1562-1568.
2. W. Imsong, L. Tzudir, L. T. Longkumer, **T. Gohain** and Z. Kawikhonliu (2023). Effect of sulphur and zinc fertilization on growth and yield of soybean [(*Glycine max* (L) Merrill)] under Nagaland condition. *Agricultural Science Digest*, Vol 42 (5). 637-642.
3. Kalibo V. Yeptho, **T. Gohain**, KhrawborDkhar and LawrenceKithan (2023). Effect of Different Organic Inputs on Growth and Yield of Rice under Upland Rainfed Condition of Nagaland. *Research Journal of Agricultural Sciences*. 14(5). 1214-1217.
4. Gauri Mohan, **T. Gohain**, Rekha Yadav, L. T. Longkumer and Sibino Dolie (2023). Intercropping of rice with groundnut and soybean with different nutrient management practices under rainfed upland conditions of Nagaland. *Annals of Plant and Soil Research* 25(3): 404-411.
5. N. Walling, **T. Gohain**, P. Deka and M.P. Changmai (2023). Effect of different fertilizer on plant height of upland rice (*Oryza sativa*, L.) under rainfed condition. *International Journal of Agricultural Sciences*, Vol. 15(5): 12833-12388
6. **T. Gohain** and Th. Nengparmoi (2023). Effect of different nitrogen levels on the productivity of perennial grasses under hilly terrace conditions of Nagaland, *Annals of Plant and Soil Research* 25 (2): 230-234.
7. BadapmainMakdoh, A. P. Singh, L. T. Longkumer, **T. Gohain**, LanunulaTzudir, D. Nongmaithem, Rekha Yadav and DamitreLytan. (2023). Foliar application of ferrous sulphate and its influence on growth, grain quality and nutrient uptake in Soybean (*Glycine max* L.). *Biological Forum-An International Journal*. 15(5): 001-007.
8. Badapmain M., A P Singh, L. T. Longkumer, **T. Gohain**, L. Tuzdir, D. Nongmaithem. R. Yadav and L. Touthang (2023). Iron biofortification for enhancing yield, nutrient uptake and iron nutrition in soybean (*Glycine max* L.). *Annals of Plant and Soil Research* 25 (2): 262-269
9. WatisenlaImsong, LanunulaTzudir, L. T. Longkumer, **T. Gohain** and Z. Kawikhonliu (2023): Effect of Sulphur and Zinc Fertilization on the Quality and Economics of Soybean (*Glycine max* L. Merrill) under Nagaland Condition. *Biological Forum-An International Journal*. 15(4): 307-312.
10. Shivani Kumari, LanunolaTzudir, **T. Gohain** and A.P. Singh (2023) Bio-stimulants in Crop Performance and Soil Health Management. *Bio. Res. Today*, 5(2):156-159.
11. Gauri Mohan, **T. Gohain**, LanunolaTzudir, A. P. Singh and D. Nongmaithem (2023). Study in yield, nutrient content and nutrient uptake of rice-based intercropping systems as influenced by integrated nutrient management. *Biological Forum-An International Journal*. 15(7): 141-146.
12. Z. Kawikhonliu, L. Tongpang Longkumer, **T. Gohain**, AP Singh, Meriyani M Lotha, PK Singh, Amod Sharma and Zui KadiphiubouNewmai (2022). Evaluation of the productivity and profitability of maize (*Zea mays* L.) as influenced by zinc biofortification through integrated nutrient management. *The Pharma Innovation Journal*. 11(11): 341-345.

13. Z Kawikhonliu, L Tongpang Longkumer, **T Gohain**, AP Singh, WatisenlaImsong, PK Singh and Zui KadiphiubouNewmai (2022). Quality and Productivity enhancement of maize through different nutrients and Zinc. *The Pharma Innovation Journal* 2022; **11(7)**: 2302-2307.
14. Arennungla Jamir, **Tankeswar Gohain** and Sentimenla (2022). Effect of phosphorus and biofertilizers on soil physico-chemical properties and nutrient uptake by black gram (*Vigna mungo* L. Hepper) under rainfed condition of Nagaland. *The Pharma Innovation Journal* 2022; **11(5)**: 1255-1258.
15. KhrawborDkhar, **T. Gohain**, Gade Ramana Reddy, Leishangthem Momo Singh and Norbu Tamang (2022). A study on the performance of different rapeseed-mustard varieties under late sown condition of Jaintia Hills of Meghalaya. *Annals of Plant Sciences*, Vol 11 (1): 4670-4678.
16. Gade Ramana Reddy, **T. Gohain** and KhrahorDkhar (2022). A study on the performance of different blackgram varieties under the agro-climatic condition of Andhra Pradesh. *Annals of Plant Sciences*, Vol 11 (2): 111-117.
17. Vivitoli I., **T. Gohain** and Gauri Mohan (2021). A study on effective non-chemical weed management techniques for direct seeded rice. *The Pharma Innovation Journal*: 2021: 10 (7):1302-1607.
18. Appon, M; **Gohain T**; Nongmaithem D and Mandal A.K. (2020). Influence of integrated nutrient management on economics, soil properties and nutrient uptake of local rice (*Oryza sativa* L) cultivars under rainfed upland conditions of Nagaland. *International Journal of Agricultural Sciences*. Vol. 12 (23):Pp.10434-10438.
19. **T. Gohain** and M S Likhitha Reddy (2020) Performance of Finger millet varieties under agro-climatic conditions of Nagaland. *Mysore J. Agric. Sci.* 54 (4): Pp.62-65
20. MeshengiAppon, **T. Gohain**, Ruth Appon, Mahamaya Banik and Ajit Kumar Mandal (2018). Integrated nutrient management on growth and yield of in local rice (*Oryza sativa* L.) under rainfed upland condition of Nagaland. *The Pharma Innovation Journal*, **7(7)**:426-429.
21. RenthungoKithan and **T. Gohain** (2018) Response of black gram (*Vigna mungo* L. Hepper) to spacing and fertilizer doses under rainfed conditions. *Agricultural Science Digest*, 38(1): 27-31.
22. N. Kikon, **T. Gohain**, N. KhumdemoEzung and T. Angami (2018). Crop and weed growth in direct-seeded rice cultivars as affected by different weed management practices under rainfed condition of Nagaland, India. *International Journal of Current Microbiology and Applied Sciences*, **7(2)**: 590-601
23. T. Jamir and **T. Gohain** (2017). Study on growth and yield performance of high yielding rice (*Oryza sativa* L.) varieties under rainfed lowland condition of Nagaland. *International Journal of Bio-resource and Stress Management*. **8 (5)**: 622-627.
24. N. Kikon and **T. Gohain** (2017). Methods of seeding and cultivars effect on weed dynamics in direct-seeded rice under rainfed upland condition of Nagaland. *Indian Journal of Weed Science* **49(4)**: 324-328.
25. SentirenlaChangkija and **T. Gohain** (2018). Effect of organic nutrient sources on the productivity of soybean (*Glycine max* L.) *Agricultural Science Digest*, 38(1): 36-39.
26. **T. Gohain** and PuchonoKweho (2017). Effect of planting geometry on maize (*Zea mays*L) and blackgram (*Vigna mungo*) intercropping system. *Journal of Interacademia*, **21 (4)**: 379-382.

27. Zuali and **T. Gohain** (2017). Effect of different levels of nitrogen to local rice (*Oryza sativa* L.) cultivars under rainfed upland condition of Nagaland. *Agricultural Science Digest*, **Vol. 37(4)**: 302-305.
28. Rambuatsaiha; **T. Gohain** and NoyingthungKikon (2017) Optimization of organic nutrient sources for greengram (*Vigna 28adiate* L. *Welczek*) under rainfed conditions. *Indian Journal of Agricultural Research*, **51(5)**: 443-447.
29. Shelila, **T. Gohain** and N. Kikon (2017). Assessment of nitrogen doses and planting densities for optimizing growth and yield performance of rainfed maize (*Zea mays* L.) *Indian Journal of Agricultural Research*, **51(5)**: 473-477.
30. K. Ritse, **T. Gohain** and N. Kikon (2017). Response of local rice (*Oryza sativa* L.) to recommended NPK fertilizer dose under upland rainfed condition. *Agricultural Science Digest*, **37(1)**: 10-15.
31. Beremjungla and **T. Gohain** (2016). Effect of different levels of NPK fertilizer management on maize + soybean (2:2) intercropping system under rainfed condition. *J. Interacademia*, **20** (3): 350-354.
32. D. Bora; M. Ghosh; D. C. Ghosh and **T. Gohain** (2016). Integrated nutrient management in rainfed upland rice in the Northeastern region of India. *Agricultural Research*, Vol. **5** (3): 252-260.
33. Hannah K. Asangla and **T. Gohain** (2016). Effect of different nitrogen levels on growth and yield of fodder maize (*Zea mays* L.) + cowpea (*Vigna unguiculata* L.) *J. Interacademia*. **20** (2): 179-186.
34. **T. Gohain** and Sentirenla Jamir (2016). Performance of local rice cultivars to scientific crop management under rainfed upland condition of Nagaland. *J. Interacademia*. **20** (2): 174-178.
35. N. Kikon and **T. Gohain** (2016). Response of direct seeded rice (*Oryza sativa* L) cultivars to different planting and weed management methods. *J. Interacademia* **20** (1): 34-40.
36. Hannah K. Asangla and **T. Gohain** (2016). Effect of fodder yield and quality attributes of maize (*Zea mays* L.) + cowpea (*Vigna unguiculata* L.) intercropping under different nitrogen levels. *International Journal of Agricultural Sciences*. **6** (2): 349-356.
37. N. Kikon and **T. Gohain** (2016). Growth and yield of direct-seeded rice (*Oryza sativa* L.) cultivars under different sowing methods and weed management methods. *International Journal of Agricultural Sciences*. **8** (8): 1083-1086.
38. Bremjungla and **T. Gohain** (2016). Effect of different levels of NPK fertilizer management on maize + groundnut (2:2) intercropping system under rainfed condition, *International Journal of Agricultural Sciences and Research*. **6**(1): 155-160.
39. **T. Gohain** and I. Odangmenla (2015). Intercropping of Maize (*Zea mays* L) with Greengram (*Vigna radiata* (L) *Wilczek*) under rainfed condition of Nagaland. *J Interacademia*. **19** (4): 505-510.
40. **T. Gohain** (2015). Performance of local rice cultivars under rainfed upland condition of Nagaland. *J. Interacademia* **19** (3): 332-337.
41. N. Kikon and **T. Gohain** (2015). Performance of direct-seeded rice (*Oryza sativa* L) cultivars as effected by different weed establishment methods under midhill condition of Nagaland. *International Journal of Agricultural Sciences and Research*, **5** (4): 323-330.
42. Karsangla Ao and **T. Gohain** (2015). Effect of different doses of NPK fertilizers on local rice under direct seeded upland condition. *Journal of Soil & Crops*. **25**(1): 54-61.

43. E. Laklei Phom and **T. Gohain** (2014). Assessment of productivity and profitability of rice + maize and rice + ginger based inter-cropping system under different row proportion in foot hill condition of Nagaland, *J. Interacademia*. **18**(4): 553-558.
44. **T. Gohain** and Lideno Kithan (2014). Effect of different nitrogen level on productivity of perennial grasses. *Forage Res.* **40** (2): 127-131.
45. **T. Gohain** (2014). Performance of local rice cultivars under aerobic ecosystem of Nagaland. *Journal of Annals of Plant and Soil Research* **16** (4): 342-345
46. **T. Gohain** and Mhaleville Thorie (2014). Performance of greengram (*Vigna radiata*) varieties under rainfed upland condition of Nagaland. *Journal of Interacademia*, **18**(3):337-342
47. Zulutemjen Jamir and **T. Gohain** (2013). Intercropping of rapeseed and pea under minimum tillage condition. *Nagaland University Research Journal*. **6** : 132-137.
48. Watimongla Jamir and **T. Gohain** (2013). Production potential, nutrient uptake and economics of soybean in response to phosphorous and sulphur fertilization. *Journal of Interacademia*, **17**(4):663-669.
49. P. K. Singh, Seema Sahu and **T. Gohain** (2013). Effect of Micronutrients and Biofertilizers Inoculation on Nutrient Budgeting and Yield of Chickpea crop in Vertisols, *Advances in Plant Sciences*, **26** (II) 647-650.
50. E. Laklei Phom and **T. Gohain** 2012. Effect of intercropping rice (*Oryza sativa* L) with groundnut (*Arachis hypogea*) under different row orientations on rainfed uplands of Nagaland, *J. Interacademia* **16** (4): 850-856.
51. Tianunsang and **T. Gohain** (2012). Effect of FYM and different sources and levels of sulphur on growth and yield of rapeseed. *Journal of Soils & Crops*, **22** (2) 270-276.
52. Abeni Patton and **T. Gohain** (2012). Studies of different rabi crops under the rainfed condition of Nagaland. *Indian Journal of Hill Farming*. **24** (2): 39-42.
53. H. Lawrence and **T. Gohain** (2012). Intercropping greengram with upland rice under rainfed conditions. *Indian Journal of Hill Farming*, **19** (1&2):12-15.
54. Watimongla Jamir and **T. Gohain** (2012). Effect of phosphorous and sulphur levels on yield, quality of soybean and its residual effect on French bean. *J. Interacademia* **16** (2): 265-273.
55. I. T. Longkumer and **T. Gohain** (2012): Effect of sulphur and calcium on growth and yield of sesame (*Sesamum indicum* L.), *Annals of Plant and Soil Research* **14**(1): 58-60.
56. Takusunep, **T. Gohain** and P. K. Singh (2012). Performance of soybean varieties under the agro-climatic condition of Nagaland, Submitted to *J. Interacademia*, **16** (1): 52-58.
57. N. Kikon and **T. Gohain**, 2009: Effect of tillage and weed management on growth and yield of direct seeded upland rice (*Oryza sativa* L.). *J. Interacademia*, **13** (2): 148-155.
58. Imkong Toshi and **T. Gohain** (2009): Integrated nutrient management in Soybean (*Glycine max* L.) under terrace cultivation of Nagaland. *Journal of Crop Research*. **38**(1, 2 &3):39-42.
59. S. Akum Toshi and **T. Gohain** (2008): Effect of different weed control methods on rapeseed (*Brassica juncea* L.) *Annals of Plant and Soil Research*, **10**(2):187-188.
60. R. Kikon and **T. Gohain** (2008): Effect of dates of sowing and varieties on growth and yield of direct seeded upland rice (*Oryza sativa*) under the foot hill condition of Nagaland. *J. Interacademia*, **12**(2):172-175.

61. Gitali Das, Rama Shankar Singh, T. Gohain, Shankar Meti, D. Chaudhuri and M. A. Nazeer (2008): Effect of rubber on intercropped tea during immature phase of rubber, *Indian Journal of Natural Rubber Research* **2** (1 &2): 134-138, 2008.
62. G. C. Mondal, R. P. Singh, D. Mandal, **T. Gohain**, D. Chaudhuri, M.A. Nazeer and Ramesh B. Nair. (2007): Evaluation of yield potential of *Hevea brasiliensis* clones over ten years of tapping in Assam. *Indian Journal of Natural Rubber Research* **20** (1 &2): 32-38, 2007.
63. R. P. Singh, D. Mondal; A. C. Sarma and **T. Gohain** (2003): Nutritional Requirement of *Hevea*: II Effect of N, P and K and dry matter yield, nutrient content and uptake of nutrients by Rubber seedlings in Assam, *J. of Potassium Research*, **19** : 111-118.
64. S. Meti, **T. Gohain**, D. Chaudhuri (2002): Response of *Hevea* to fertilizers in northern West Bengal. *Indian Journal of Natural Rubber Research*, **15** (2):119-128.
65. G. C. Mondal; K. Das; R. P. Singh; D. Mandal; C. Gupta; **T. Gohain**; H. Deka and A. P. Thapliyal (1999): Performance of *Hevea* clones under Assam condition. *Indian Journal of Natural Rubber Research* **12** (1&2): 55-61.
66. T. Gohain; S. Meti; B. Krishan, K. N. Rao and M. A. Nazeer (2005): Early performance of some germplasm accession in Dooars region of West Bengal, *Indian Journal of Natural Rubber Research*, **18** (2): 188-190.
67. T. Gohain; S. Meti; D. Mandal; R. P. Singh and D. Chaudhuri (2004): Growth performance of *Hevea brasiliensis* clones in Dooars region of West Bengal, *Indian Journal of Natural Rubber Research*, **17** (2): 133-138.
68. T. Gohain; A. C. Barbora and A. Deka (2004): Effect of different sources of boron on yield and quality of tea, *Nagaland University Research Journal*, **2**: 62-64.
69. T. Gohain; S. Meti; and P. Ahmed (2004): Effect of split application of fertilizer on growth and yield of *Hevea* in Dooars area of West Bengal, *Nagaland University Research Journal*, **2**: 25-30.
70. T. Gohain; A.C. Barbora and A. Deka (2000): Effect of manganese on growth yield and quality of tea, *J. Crop Research*, **1**(1): 91-97.
71. T. Gohain; A.C. Barbora and A. Deka (2000): Effect of different sources of sulphur on the yield and quality of tea, *J. Interacademia*, **4** (3): 370-375.
72. T. Gohain; A.C. Barbora and A. Deka (2000): Effect of boron on yield and quality of tea, *J. of Plantation Crops*, **28** (1): 68-71.
73. T. Gohain and A.C. Barbora (2000): Effect of different sources of magnesium on the yield and quality of made tea, *J. Crop Research*, **19** (2): 324-328.
74. T. Gohain; A.C. Barbora and A. Deka (1998): Effect of different sources of manganese on the yield and quality of tea, *J. Interacademia*, **5** (3) : 304-309.
75. T. Gohain; A.C. Barbora and A. Deka (1998): Effect of magnesium on the yield and quality of tea, *J. Crop Research*, **16** (1): 33-36.
76. T. Gohain; A. C. Barbora and A. Deka (1998): Effect of sulphur nutrition on the yield and quality of made tea, *J. Interacademia*, **2** (1&2): 26-29.
77. T. Gohain and L. Saikia (1996): Effect of transplanting on growth and yield of rainfed lowland rice (*Oryza sativa*), *Indian J. of Agron*, **41** (3): 488-490.

## CONFERENCE PAPERS/ABSTRACTS

1. D. Mandal; R. P. Singh; G. C. Mondal; A. C. Sarma and **T. Gohain**; D. Chaudhuri and Y. A. Varghese: (1999): Impact of agro-climate on growth and establishment of *Hevea* clones during immature phase. Proceeding of National Symposium on plant Physiology and Biochemistry in relation to agriculture and Environment, 15-17 Feb. 1999 at Devi Ahilya University, Indore.
2. T. Gohain,; S. Meti; K. I. Punnoose; M. A. Nazeer and D. Chaudhuri (2000): Feasibility studies on intercropping of rubber (*Hevea brasiliensis*) with tea (*Camellia sinensis*) in Dooars area of West Bengal: I-Initial growth performance, Proceeding of Placrosym XV (2002): 406-409. Paper presented in PLACROSYM XV at Mysore, 10-13<sup>th</sup> December, 2002.
3. T. Gohain, R.S. Singh and S. Meti (2004): Prospect of intercropping rubber (*Hevea brasiliensis*) with tea (*Camellia sinensis*) under the agro-climatic condition of North –East India. Presented at ‘National Seminar on Horticulture for sustainable Income and Environmental Protection’ on 24<sup>th</sup> to 26<sup>th</sup> Feb., 2004, SASRD, Nagaland University, Medziphema.
4. T. Gohain; A. C. Barbora and a. Deka (2004): Effect of different concentration of magnesium on chlorophyll in tea (*Camellia sinensis* ), Presented at National Seminar on ‘Horticulture for sustainable Income and Environmental Protection’ on 24<sup>th</sup> to 26<sup>th</sup> Feb., 2004, SASRD, Nagaland University, Medziphema.
5. R. P. Singh, D. Mondal; Mercykutty Joseph; A. C. Sarma and **T. Gohain** (2005): Productivity and soil fertility changes under continuous fertilization of rubber (*Hevea brasiliensis*) in Lower Brahmaputra Valley Zone of Assam, Presented in International Conference on “ Soil, Water and Environmental Quality issues and Strategies’ held at IARI, New Delhi, from January 28 to Feb. 1, 2005.
6. D. Chaudhuri, R. P. Singh, **T. Gohain**, D. Mandal, K.U. Thomas, M.A. Nazeer and R. B. Nair (2005): Response of clones RRIM 600 clone to different exploitation systems with stimulation and tapping rest in agro-climatic condition of Assam. In: Preprints of Papers. International Rubber Conference India 2005.6-8 November 2005, Cochin, India, Rubber Research Institute of India, Kottayam, India pp. 333-337.
7. G. C. Mondal, R. P. Singh, D. Mandal, **T. Gohain**, D. Chaudhury, M. A. Nazeer and R. B. Nair (2005): Evaluation of yield potential of *Hevea* clones in Assam, In: Preprints of Papers. International Rubber Conference India 2005. 6-8 November 2005, Cochin, India, Rubber Research Institute of India, Kottayam, India, page-43-49.
8. Gitali Das, R.S. Singh, **T. Gohain**, S. Meti and D. Chaudhuri (2010). Effect of low winter temperature on growth and yield of *Hevea* clones. Presented in International Workshop on “ Climate Change and Rubber Cultivation: R & D Priorities, Indian Rubber Research Institute, Kottayam-686009, India, 20-30 July 2010, Pp.40.



9. Zulu Temjen Jamir and T. Gohain, (2010): Performance of rapeseed and pea intercropping system under minimum tillage condition. Abstract published on National Seminar on “Sustainable Natural Resource and its Utilization for enhancing Agricultural Productivity in India”. Organized by Dept. of Agricultural Economics, SASRD, Nagaland University , Medziphema on 17<sup>th</sup> to 19<sup>th</sup> November 2010.
10. Abeni Patton and **T. Gohain**, (2011): Performance of different rabi crops under rainfed condition of Nagaland. Presented in National Seminar on “ Biochemical and Biotechnological Research Approach for Bio-resource Management of North East India Towards Sustainable Rural Development”. 11<sup>th</sup> to 12<sup>th</sup> November 2011 at B.N. College of Agriculture, Assam Agricultural University, Biswanath Chariali.
11. I. Odangmenla and **T. Gohain** (2012): Studies on intercropping of maize (*Zea mays* L) and greengram (*Vigna radiata* (L) Wilczek) under rainfed condition of Nagaland. Presented abstract in ‘National Seminar on Recent Trends in Plant Diversity Study and Conservation Strategies’ Organized by Department of Botany, UGC-SAP (DRS-II) Funded Department, Nagaland University, Lumami-798 627, 29-30 September- 2012.
12. **T. Gohain** (2014): Performance of local rice cultivars under aerobic conditions of Nagaland. Presented in an International seminar on “Integrating Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods” Organized by Crop and Weed Science Society, Bidhan Chandra Krishi Viswavidyalaya (BCKV). Mohanpur-741252, West Bengal, 6-9 November 2014.
13. R. Yadav, L. Tongpang, **T. Gohain**, A.P. Singh, L. Tzudir and D. Nongmaithem (2021), Need of environmental management for social sustenance in Hill ecosystem. 2<sup>nd</sup> Asian Web Conference on “Managing Hill Resources and Diversities for Zero Unger and Climate Resilience, 11-12 February- 2021.
14. KhrawborDkhar and **T. Gohain** (2023). Evaluation of Different Rapeseed-Mustard Varieties under Late Sown Condition of North-Eastern Himalaya, International Conference on “Agriculture in Hilly and Mountain Landscape: An Interdisciplinary Perspective, College of PGS , CAU, Umiam, Meghalaya, 22<sup>nd</sup> to 24<sup>th</sup> November- 2023.

## BOOK CHAPTERS

1. ShiwokaKinimi, **T.Gohain**, Gauri Mohan (2019).Effect of NPK doses on growth and yield of upland rice (*Oryza sativa*) cultivar under rainfed condition. *Advances in Agricultural Sciences*. 23:1-10.
2. **T. Gohain** and Gauri Mohan (2019). Managing soil health for sustainable agriculture system. National Group Meet (*Rabi* 2019-20) AICRP on Forage Crops & Utilization. Pp.52-54.
3. Roohi Renuka Xalxo, **T.Gohain**, Gauri Mohan (2019).Impact of integrated nutrient management on soil properties and yield of upland rice. *Advances in Agricultural Sciences*. 20:117-127.
4. Sibino Dolie, D. Nongmaithem and **T. Gohain** (2018). Effect of spacing and weed management practices on growth and yield of groundnut (*Arachis hypogaea* L.) under rainfed condition of Nagaland. *In Advances in Agronomy*, Vol. 1: 17-19.

5. Gauri Mohan, **T. Gohain** and Meghna Gogoi (2020). Soil erosion and degradation control approaches in Hilly areas. Book chapter in. *Current Research in Soil Science*, Vol.-8: pp.117-132.
5. D. Bora, **T. Gohain** and D. C. Ghosh (2021). INM in rainfed upland rice of Arunachal Pradesh for increasing yield and income. *Advances in Hill Agriculture* Vol. 5 (1): 1-13.

### Popular Articles---4

1. **T. Gohain**. 2012: Climate Change: It's impact on Agriculture. Hill Agri. SASRD, Nagaland University, Medziphema, p.92-94.
2. **T. Gohain**, 2009: Agricultural Technology: Socio-economic prospect and constraints. Hill Agri. SASRD, Nagaland University, Medziphema, p.19-21.
3. **T. Gohain**, 2008: Organic Farming: Prospects and Problems with reference to Nagaland. Hill Agri, SASRD, Nagaland University, Medziphema, p. 46-48.
4. **T. Gohain**, 2007: Rapeseed-mustard in India: Current status & Future Prospects –with reference to Nagaland. Hill Agri, SASRD, Nagaland University, Medziphema, p.25-29.

### Practical Manuals---5

1. AGR-201 (*Kharif* Crops)
2. AGR-202 (*Rabi* Crops)
3. AGR-302 (Weed Management)
4. AGR-303 (Practical Crop Production, *Kharif*)
5. AGR-304 (Practical Crop Production, *Rabi*)

### Research Projects: 2 (Completed)

**Title of Project:** 1. UGC Major Research Project on “Performance of local rice cultivars to fertilizers application under upland rainfed condition of Nagaland”

**Funding Agency:** University Grant Commission, New Delhi

**Duration:** 3 years (extended another one year)

**Completed/on-going:** Completed in 2017.

2. AICRPFCU: Perennial Fodder Production, ICAR-IGFRI, Jhansi

### Research Guidance:41

Sl. No.	Topic of Thesis	Name of Student	Degree	Year of award
1	Effect of dates of sowing and varieties on growth and yield of direct seeded rice under foot hill condition of Nagaland	Mr. Renathung Kikon	M. Sc. (Agri.)	2006
2	Integrated nutrient management on	Mr. Imkong Toshi	M. Sc. (Agri.)	

	soybean under terrace cultivation of Nagaland			2007
3	Integrated weed management in mustard	Mr Akum Toshi	M. Sc. (Agri.)	2007
4	Effect of gypsum and lime on growth and seed yield of sesame under the rainfed condition of Nagaland.	Mr Imkong TongtangLongkumer	M. Sc. (Agri.)	2008
5	Effect of tillage and methods of weed control in upland rice.	MrNoyinthungKikon	M. Sc. (Agri.)	2008
6	Effect of intercropping rice with green gram	Mr H Lawrence	M. Sc. (Agri.)	2009
7	Studies on intercropping of maize and green gram as affected by plant population density	Miss I Odangmenla	M. Sc. (Agri.)	2009
8	Studies of growth and yield of different soybean varieties under rainfed condition.	Mr. Takusunep	M. Sc. (Agri.)	2009
9	Studies on production potentialities and yield of different <i>rabi</i> season crops under irrigated condition.	Miss Abeni Patron	M. Sc. (Agri.)	2009
10	Study of different N-levels and perennial grasses on growth and productivity	Miss PuchonoKweho	M. Sc. (Agri.)	2010
11	A study on rapeseed and pea intercropping system under minimum tillage condition	MrZulutemjer Jamir	M. Sc. (Agri.)	2010
12	Effect of farmyard manure and different sources and levels of sulphur on growth and yield of rapeseed.	MrTianunsang	M. Sc. (Agri.)	2011
13	Effect of different nitrogen levels on productivity of perennial grasses	Ms. LenidoKithan	M. Sc. (Agri.)	2011
14	Response of fertilizer application to traditional rice cultivars of Nagaland.	MsKhroteli Riste	M. Sc. (Agri.)	2012
15	Effect of sowing density, spacing and fertilizer doses on growth and yield of local rice under rainfed upland condition	Mr. Atilo Tep	M. Sc. (Agri.)	2013
16	Response of Black gram to Spacing and Fertilizer Doses in Mid Hill Condition of Nagaland”	Ms. RenthungloTungoe	M. Sc. (Agri.)	2013
17	Studies on organic nutrient management on the productivity of green gram	Mr. Rambuatsaiha	M. Sc. (Agri.)	2013
18	Studies on effect of NPK fertilizers on traditional rice cultivars	Ms. Karsangla Ao	M. Sc. (Agri.)	2014
19	Response of local rice cultivars to	Ms. R. Lalrinzuali	M. Sc. (Agri.)	2015

	graded level of Nitrogen			
20	Effect of different levels of nitrogen and planting density on growth and yield of maize	Ms. Shelila	M. Sc. (Agri.)	2015
21	Effect of integrated nutrient management on local rice cultivars under direct seeded upland condition of Nagaland	Ms. MeshengiAppon	M. Sc. (Agri.)	2016
22	Effect of different fertilizers doses on growth and yield of upland rice ( <i>Oryza sativa</i> ) under rainfed condition.	Ms. Ningshiyangerla Walling	M. Sc. (Agri.)	2017
23	A study of different rice varieties under lowland condition of Nagaland	Ms. Temjena Jamir	M. Sc. (Agri.)	2017
24	Effect of integrated nutrient management on direct seeded upland rice under terrace cultivation	Ms. Roohi Renuka Xalxo	M. Sc. (Agri.)	2018
25	Effect of different NPK doses on growth and yield of local rice	Mr. ShiwaokaKinimi	M. Sc. (Agri.)	2018
26	Effect of non-chemical weed management practices and methods of sowing on growth and yield of direct seeded rice ( <i>Oryza sativa</i> L.)	Ms. Vivitoli I	M. Sc. (Agri.)	2019
27	Effect of different organic inputs on growth, yield and quality of rice ( <i>Oryza sativa</i> L) under upland rainfed condition of Nagaland	Ms. Kalibo V. Yeptho	M. Sc. (Agri.)	2019
28	Effect of levels of phosphorous and biofertilizers on growth, yield and nutrient uptake of blackgram ( <i>Vigna mungo</i> L. Hepper) under rainfed conditions of Nagaland.	Ms. N. Jamir	M. Sc. (Agri.)	2020
29	Effect of different weed management methods on growth and yield of finger millet ( <i>Elusinecorocana</i> L) cultivars under the foot hill conditions of Nagaland.	Ms. Lithika reddy	M. Sc. (Agri.)	2020
30	A study on different rapeseed-mustard varieties under the agro-climatic condition of Jaintia Hills of Meghalaya	Mr. KhowbarDhakar M-1234/19	M. Sc. (Agri.)	2021
31	A study on different blackgram ( <i>Vigna mungo</i> , L) varieties under the agro-climatic condition of Andhra Pradesh	Mr Gade Ramana Reddy M-1237/19	M. Sc. (Agri.)	2021
32	A study on performance of some improved rice varieties under direct seeded rainfed upland	MrVanlalhriatrenga	M. Sc. (Agri.)	2023

	condition.			
33	Effect of levels of phosphorous on growth and yield of blackgram	Ms. Archana Pani	M. Sc. (Agri.)	2023
34	Influence of P and S on growth, yield and quality of soybean and its residual effect on French bean	Mrs. Watilla Jamir	Ph. D. (Agri.)	2012
35	Integrated Nutrient Management in Direct Sown Rainfed Upland Rice in Arunachal Pradesh	Mr. Debasis Bora	Ph. D. (Agri.)	2013
36	Studies on rice based intercropping system under the mid hill condition of Nagaland.	MrLaklei Phom	Ph. D. (Agri.)	2014
37	Nutrient management in maize ( <i>Zea mays</i> ) based intercropping systems under the rainfed condition of Nagaland.	Mrs. Beremjungla	Ph. D. (Agri.)	2016
38	Fodder production potential of maize ( <i>Zea mays</i> ) + cowpea ( <i>Vigna unguiculata</i> ) intercropping under different nitrogen levels.	Mrs. Hanna Kajuria	Ph. D. (Agri.)	2016
39	Effect of planting methods and weed management practices on direct seeded rice ( <i>Oryza sativa</i> L) cultivar	Mr. NyonthungKikon	Ph. D. (Agri.)	2016
40	Response of local rice ( <i>Oryza sativa</i> L.) cultivars to different levels of N, P and K under upland rainfed condition of Nagaland	Ms. SentirenlaChangkija	Ph. D. (Agri.)	2017
41	Integrated nutrient management in upland rice-based intercropping system under foot hill condition of Nagaland.	Ms. Gauri Mohan Ph-260/18	Ph. D. (Agri.)	2023

### ONGOING RESEARCH GUIDANCE: Ph. D.

Sl. No.	Name of the students	Roll No, and Registration No.	Research Tropics	Year of Registration	Year of Result Declared
1	MsLenmemYosung	Ph-292/19 Regd. No. Ph.D/AGR/ 00330	Performance of pigeonpea based cropping systems under rainfed condition of Nagaland	2019	On going
2	Ms. Th. Nengparmoi	Ph-315/20 Regd. No. PhD/AGR/0 0456	Effect of row ratio and nutrient management on the performance of fodder maize based legume intercropping system	2020	On going
3	Mr. KhowbarDhakar	Ph-331/21	Effect of dates of sowing and nutrient management on productivity, profitability, and quality of finger	2021	On going

			millet ( <i>Elusine coracana</i> (L) Gaertn)		
4	Ms. Kehokhunu	Ph-347/22	Zinc biofortification of local rice ( <i>Oryza sativa</i> ) cultivar under direct seeded condition.	2022	On going
5	Ms. Rinu	Ph-360/22	Agronomic biofortification of finger millet ( <i>Elusine coracana</i> (L) Gaertn.) with zinc under rainfed condition	2022	On going

### Seminar/Conference attended:21

1. Participated one-day technical webinar on “Integrated Pest Management for Maize crop with reference to fall armyworm in NEH region” under TPC/IND/3709, Organized by ICAR-Indian Institute of Maize Research (IIMR), Ludhiana on Zoom virtual platform dated 4<sup>th</sup> September, 2020.
2. Participated two days National Webinar on “Modern tools and technologies for doubling pulses and oilseeds production” Organized by the Department of Agronomy, College of Agriculture, Tripura, held on 16<sup>th</sup>& 17<sup>th</sup> October 2020.
3. Gauri Mohan and T. Gohain (2019). Investigate the potential of NPK doses on rice cultivar under upland rainfed condition of Nagaland, in the International Conference on “Natural Resource Management, Sustainability and Climate Change with special focus on India’s North-East.” Held at NIRDPR-NERC, Guwahati during March 26-07-2019.
4. N. Kikon and **T. Gohain** (2017). Effect of cultivars and weed management on crop and weed growth in direct-seeded rice under rainfed conditions of Nagaland. Presented at National seminar on ‘Crop protection :Current trends and future perspective’ 16-18<sup>th</sup> November 2017, Organized by Department of Plant pathology, Entomology and Agronomy, SASRD, Nagaland University, Medziphema, Nagaland.
5. **T. Gohain** (2017). Shifting cultivation and climate change. Abstract published National Seminar on “Climate change and sustainable development: with special focus on North East India, Organised by Nagaland University Teachers Association (L) on 17<sup>th</sup> to 118<sup>th</sup> May 2017.
6. **T. Gohain** and T. Zuali(2017). Effect of different levels of nitrogen to local rice (*Oryza sativa* L.) cultivars under rainfed upland condition of Nagaland. Presented at NIRDPR for NERC, Guwahati on National Seminar on’ Transforming Rural Areas in North East India: Vision for Future’ held on 8-9 March, 2017.
7. **T. Gohain** (2016). Performance of some traditional rice cultivars under aerobic condition of Nagaland. Oral paper presented at National Seminar on “Indigenous knowledge for Sustainable Rural Development” at National Institute of Rural Development and Panchayati Raj, Khanapara, Guwahati, 18-19<sup>th</sup> January 2016.
8. **T. Gohain** (2015): Performance of local rice cultivars under rainfed upland condition of Nagaland. Oral presentation at National Seminar on “Harnessing Science for Societal Development” organized by Assam Science Society, 60<sup>th</sup> Annual Technical Session at Assam agricultural University, Jorhat, 21<sup>st</sup> February, 2015.
9. **T. Gohain** 2014. Performance of local rice cultivars to fertilizer application under aerobic condition of Nagaland. In: International Seminar on “Integrated Agriculture & Allied Research: Prioritizing Future Potentials for Secure Livelihoods” Organized

by Crop and Weed Science Society, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur-741252, West Bengal, 6-9 November, 2014.

- 10.I. Odangmenla and **T. Gohain** (2012): Studies on intercropping of maize (*Zea mays* L) and greengram (*Vigna radiata* (L) Wilczek) under rainfed condition of Nagaland. Presented abstract in 'National Seminar on Recent Trends in Plant Diversity Study and Conservation Strategies' Organized by Department of Botany, UGC-SAP (DRS-II) Funded Department, Nagaland University, Lumami-798 627, 29-30 September, 2012.
- 11.Abeni Patron and **T. Gohain**, 2011: Performance of different rabi crops under rainfed condition of Nagaland In: National Seminar On Bio-chemical and Biotechnological Research Approaches for Bio-resource Management of North East India Towards Sustainable Rural Development' 11<sup>th</sup>& 12<sup>th</sup> November, 2011, Biswanath College of Agriculture, Assam Agricultural University, Biswanath Chariali, Sonitpur, Assam, PIN-784 176.
- 12.Gitali Das, R. S. Singh, **T. Gohain**, S. Meti and D. Chaudhuri. 2010. Effect of low winter temperature on growth and yield of *Hevea* clones. IRRDB Workshop on Climate Change and natural Rubber-2010.
- 13.H. Lwarence and **T. Gohain**, 2009: Studies on intercropping of green gram with upland rice (*Oryza sativa*) under rainfed condition of Nagaland, In. National Conference on Frontiers in Plant Physiology Towards Sustainable Agriculture, at Assam Agricultural University, Jorhat, 5-7Nov. 2009.
- 14.Imkong Toshi and **T. Gohain**, 2009: Effect of integrated nutrient management on growth and yield of Soybean. In: International Conference on "Grain Legumes: Quality Improvement, Value Addition and Trade" Indian Institute of Pulse Research, Kanpur, UP. 14-16<sup>th</sup> Feb. 2009.
- 15.D. Chaudhuri, R. P. Singh, **T. Gohain**, D. Mandal, K.U. Thomas; M.A. Nazeer and R. B. Nair, 2005: Response of clones RRIM 600 clone to different exploitation systems with stimulation and tapping rest in agro-climatic condition of Assam. In: Preprints of papers. International Rubber Conference India 2005, 6-8 November 2005, Cochin, India, Rubber Research Institute of India, Kottayam, India pp. 333-337.
- 16.G. C. Mondal; R.P. Singh; D. Mandal; **T. Gohain**; D. Chaudhuri, M. A. Nazeer and R. B. Nair, 2005: Evaluation of yield potential of *Hevea* clones in Assam, In: Preprints of papers. International Rubber Conference India 2005, 6-8 November 2005, Cochin, India, Rubber Research Institute of India, Kottayam, India pp. 333-337.
- 17.R.P. Singh, D. Mandal, M. K. Joseph, A.C. Sharma and **T. Gohain**, 2005: Productivity and soil fertility changes under continuous fertilization of rubber (*Hevea brasiliensis*) in Lower Brahmaputra Valley zone of Assam, Presented in International Conference on "Soil, Water and Environmental Quality issue and strategies' held at IARI, New Delhi, January 28<sup>th</sup> to Feb.1, 2005.
- 18.D. Mandal, R.P.Singh, G. C. Mondal, A. C. Sharma and **T. Gohain**, D. Chaudhuri and Y. A. Vargeese 1999: Impact of agro-climate on growth and establishment of *Hevea* clones during immature phase. Proceeding of National Symposium on Plant Physiology and Biochemistry in relation to Agriculture and Environment, 15-17 Feb. 1999 at Devi Ahilya University, Indore.

- 19.T. Gohain, A. C. Borbora and A. Deka, 2004: Effect of different concentration of magnesium on chlorophyll in tea (*Camellia sinensis*), Paper Presented at National Seminar on ‘Horticulture for Sustainable Income and Environmental Protection’ on 24<sup>th</sup> to 26<sup>th</sup> Feb. 2004, SASRD, Nagaland University, Medziphema.
- 20.T. Gohain, R.S. Singh, and S. Meti, 2004: Prospect of intercropping rubber (*Hevea brasiliensis*) with tea (*Camellia sinensis*) under the agro-climatic condition of North –East India. Paper Presented at National Seminar on ‘Horticulture for Sustainable Income and Environmental Protection’ on 24<sup>th</sup> to 26<sup>th</sup> Feb. 2004, SASRD, Nagaland University, Medziphema.
21. T. Gohain, S. Meti, K.I. Punoose, M.A. Nazeer and D. Chaudhuri, 2002: Feasibility studies on intercropping of rubber (*Hevea brasiliensis*) with tea (*Camellia sinensis*) in Dooars area of West Bengal: 1. Initial growth performance. Proceeding of Placrosym XV (2002): 406-409. Paper presented in PLACROSYM XV at Mysore, 10-13 December 2002.

### Invited Lecture:23

Sl. No .	Title of the Lecture/Academic session	Title of the Conference/ Seminar	Organized by
1	“Concept of Organic Farming and different methods of Composting at Kohima, 2004	Workshop on Implementation of NWDPRA in Nagaland, 9-17 <sup>th</sup> June 2004	Organized by North Eastern Institute of Water and Land Management (NERIWALM), Tezpur, and Govt. of Nagaland, Kohima
2	“Organic Cultivation in Coconut” 2004	Awareness campaign on Coconut. 16th June 2004 at Dimapur	Organized by Coconut Development Guwahati, and Directorate of Horti., Govt. of Nagaland, Medziphema
3	“Rice based Cropping System in Organic Farming”	Organic Farming, 22 <sup>nd</sup> IETC, June 2006	Organized by Dept. of Agriculture, Govt. of Nagaland.
4	“Weed Managemnt in Organic Farming” 2007-2008	Promotion of Organic Farming with special reference to Nagaland,	Organized by Dept. of Agriculture, Govt. of Nagaland. during 27 <sup>th</sup> to 29 <sup>th</sup> September-2007
5	“Integrated Weed Management for parthenium” 2008-2009	Integrated Pest Management, on 18 <sup>th</sup> June 2008	Organized by Dept. of Agriculture, Govt. of Nagaland.
6	“Post Harvest Management in Field Crops” 2008-2009	Livelihood Improvement through Integrated Watershed Management	Organized by KVK, ICAR, Nagaland Centre, Medziphema during 2 <sup>nd</sup> to 15 <sup>th</sup> March 2009
	“Scheduling of	Trainers’ Training	AICRP on Water Management, Dept. of



7	Irrigation under Scarce Water Availability”	on Scientific Water Management for Higher Crop Productivity	Agronomy, Assam Agricultural University, Khanapara, Guwahati 20 <sup>th</sup> Dec. 2011 to 3 <sup>rd</sup> Jan.2012.
8	Climate change associated with temperature stress and impact on crop productivity	Training on “Climate Resilience Agriculture: Approaches & Practices	Organized by –State Agricultural Management and Extension Training Institute, Govt. of Nagaland, Medziphema, 29 <sup>th</sup> to 30 <sup>th</sup> Jule 2015
9	Management Practices of Rice	Training on “Management Practices of Field Crops & Horticultural Crops	Organized by –State Agricultural Management and Extension Training Institute, Govt. of Nagaland, Medziphema, 29 <sup>th</sup> to 30 <sup>th</sup> July 2015
10	Climate Change and its Impact on Shifting Cultivation	ICAR-Short Course On “Climate Change: Approaches and Strategies for Mitigation and Sustainable Agriculture	Organized by: ICAR-research complex for NEH region, Manipur Centre, 3 <sup>rd</sup> to 12 <sup>th</sup> August, 2015.
11	Agro-forestry system in jhum cultivated area for soil health maintenance and crop intensification for NE Region	ICAR 21 days Winter School “Organic Farming	Organized by-Dept. of Agronomy, Assam agricultural University, Jorhat-13, 14 <sup>th</sup> Sept. to 11Oct. 2015.
12	Principles of Good Agricultural Practices	Training on “Good agricultural practices: Sustainable agriculture and Farming system” during 27 <sup>th</sup> to 28 <sup>th</sup> June, 2016.	Organized by State Agricultural Management & Extension Training Institute, Medziphema, Nagaland, Dept. of Agriculture, Govt. of Nagaland.
13	Cropping System Management	Training on “Good agricultural practices: Sustainable agriculture and Farming system” during 27 <sup>th</sup> to 28 <sup>th</sup> June, 2016.	Organized by State Agricultural Management & Extension Training Institute, Medziphema, Nagaland, Dept. of Agriculture, Govt. of Nagaland.
14	Concept of Sustainable Agriculture	Training on “Good agricultural practices: Sustainable agriculture and Farming system” during 27 <sup>th</sup> to 28 <sup>th</sup> June, 2016.	Organized by State Agricultural Management & Extension Training Institute, Medziphema, Nagaland, Dept. of Agriculture, Govt. of Nagaland.
15	Sustainability through food production security	ICAR-Winter School on “Role of Agri	Organized by the Dept. of Agril. Economics, SASRD, Nagaland

	during 2020	Business and Market Intelligence for Sustainable Agriculture Development” Org during 6 <sup>th</sup> to 26 <sup>th</sup> Sept.-2016.	University, Medziphema and Sponsored by ICAR, New Delhi.
16	‘Effect of different levels of nitrogen to local rice cultivars under rainfed upland condition of Nagaland’	<i>Transforming Rural Areas in North East India: Vision for Future</i> ’ held on 8-9 March, 2017	Organised by National Institute of Rural Development & Panchyati Raj for NERC, Khanapara, Guwahati, Assam.
17	“Impact of Climate Change on Agriculture”	State level seminar on “ <i>Climate Smart Agriculture</i> ”	Organized by the Dept. of Agril. Extension during 20-21 March, 2017, sponsored by ICAR
18	‘Integrated Farming System for Hill States’	ICAR Winter School on “Scientific Management of Integrated Farming System’	Organized by Extension Education Institute for NER, GOI, AAU, Jorhat-13, during 19 <sup>th</sup> to 22 <sup>nd</sup> June 2018.
19	‘Sustainable Hill Agriculture’	State level workshop on “Abiotic Stress: Advances, Problems and Prospects’	Organized by Department of Crop Physiology, AAU, Jorhat-13 and sponsored by ICAR, during 6 <sup>th</sup> to 26 <sup>th</sup> February- 2019.
20	“Enhancing resource use efficiency for cereal based cropping systems with integration of best management practices”	State level Training on “Good agricultural practices and enhanced resource use efficiency for doubling farmers income”	Organized by the Directorate of Extension Education, AAU, Jorhat-13 on 9-16 December, 2019
21	“Importance of millet cultivation for the nutritional security of future generation”	One day training under International Year of Millet -2023	Delivered a lecture as a resource person on at at Saijang village, Jalukie, Dimapur District, Nagaland.
22	“Integrated Nutrient Management Practices in Rice seed production”	5 Days Farmers Training Programme on: Improving Livelihood Security of Farmers Through Seed Production Technologies”	Organized by ICAR RC for NEH region, Nagaland Centre, Medziphema from 4 <sup>th</sup> to 8 <sup>th</sup> Sept. 2023.
23	“Basic Agronomic Practices for Toria Seed Production”	-do-	Organized by ICAR RC for NEH region, Nagaland Centre, Medziphema from 4 <sup>th</sup> to 8 <sup>th</sup> Sept. 2023.

#### TRAINING -Orientation/Refresher courses

Sl. No.	Programme	Duration	Organized by
1	ICAR-Winter School on “Advances in Rapeseed & Mustard Research Technology for	21 –days from 15 <sup>th</sup> December 2004 to 4 <sup>th</sup>	Organized by National Research Centre on Rapeseed & Mustard (ICAR), Sewar, Bharatpur,

	Sustainable Production of Oilseeds.”	January 2005	Rajasthan-231303
2	“65 <sup>th</sup> Orientation Course”	28- days from 27 <sup>th</sup> December 2005 to 1 <sup>st</sup> January 2006	Organized by UGC Academic Staff College, Gauhati University, Guwahati-871014, Assam
3	ICAR-Winter School on “ Organic Farming-A Scientific Approach for Sustainable Production and Environment Protection”	21- days from 27 <sup>th</sup> December 2007 to 16 <sup>th</sup> January 2008.	Organized by Institute of Organic Farming, University of Agricultural Sciences, Dharward, Karnataka
4	ICAR-Winter School on “Integrated Plant Nutrient Supply and Management for Enhancing Soil Quality, Input ue Efficiency and Crop Productivity.”	21-days from 15 <sup>th</sup> December 2008 to 5 <sup>th</sup> January 2009	Organized by Division of Soil Science and Agricultural Chemistry, Indian Agricultural Research Institute, New Delhi-110012, India
5	ICAR-Short Course on “ Agri Business Management & Rural Marketing”	10 –days from 7th to 16th September 2009	Organized by Dept. of Agri. Economics, SASRD, NU, Medziphema and Sponsored by ICAR, New Delhi-110012
6	ICAR-Short Course on “ Agri Business Management & Market Intelligence”	21- days from 8th to 28th September 2010	Organized by Dept. of Agri. Economics, SASRD, NU, Medziphema and Sponsored by ICAR, New Delhi-110012
7	ICAR-Summer School on “Climate Variability and its Impact on Crop Production-Physiological Perspective Towards Mitigation Strategies”	21- days from August 23rd to September 12th , 2011	Organized by Dept. of Crop Physiology, AAU, Jorhat, Sponsored by ICAR, New Delhi.
8	ICAR-Winter School on “Modern monitoring tools for enhanced resource use efficiency in rainfed agriculture”	10 – days from October 04-13, 2012.	Organized by Central Research Institute for Dry land Agriculture (CRIDA), Santoshnagar, Hyderabad-59
9	ICAR short course on “Avenues for farmers empowerment and Agro-based Entrepreneurship Development”	10 –days from 20-29 August- 2013	Organized by ICAR Research Complex for NEH Region, Nagaland Centre
10	ICAR-Winter School on “Advance techniques for assessment of soil health, GHG emission and carbon sequestration in rice under changing climatic scenario and mitigation strategies”	21-days from 11 <sup>th</sup> November to 1 <sup>st</sup> December-2014	Organized by Central Rice Research Institute (CRRI), Cuttack, Odisha, Sponsored by ICAR, New Delhi.
11	ICAR short course on ; Advances in nutrient dynamics for improving nutrient and water use efficiency of crops’	10 days from 5 <sup>th</sup> to 14 <sup>th</sup> September 2017	Organized by ICAR-Indian Institute of Soil Science, Bhopal (MP)
12	ICAR short course on “Climate-	10 days from 20 <sup>th</sup>	Organized by Indian Institute of

smart practices in pulses and its systems for sustainable production and ecosystem	Feb to 1 <sup>st</sup> March 2023	Pulse Research, Kanpur, UP
--	-----------------------------------	----------------------------

### Radio Talks: AIR, KOHIMA, Nagaland: 15

Sl. No.	Topics	Date of Broadcasting
1	Cultivation of Cucurbits	01-04-2004
2	Tea cultivation in Nagaland	20-04-2004
3	Orchard soil management	07-09-2004
4	Cultivation of vanilla	20-05-2005
5	Cultivation and management of betel nut	07-06-2005
6	Propagation method of temperate fruits	14-04-2005
7	Propagation method of guava	11-08-2005
8	Cultivation of peas and beans	11-10-2005
9	Post harvest management of ginger crops	08-12-2005
10	Management of citrus orchard	20-02-2006
11	Package of practices of citrus	24-08-2006
12	Cultivation of mushrooms	04-09-2006
13	Cultivation of potato in foot hills	19-10-2006
14	Cultivation of soybean	30-04-2007
15	Weed Control in Paddy	18-09-2007

### In-charges of different positions:

1. **Central Instrumentation Cell, SASRD** for two years *w. e. f.* 27<sup>th</sup> July 2012 for 2 years.

*Ref. No.* SASRD/ADMN-3/2011-8276 Dated. 27-07-2012

2. **Warden-PG & Ph. D. Scholar Hostel (Boys):** for two years *w. e. f.* 17<sup>th</sup> August- 2010

*Ref. No.* SAMN/ESTT-15(Pt-I)-87 dated 17-08-2010

3. **Students Welfare In-charge:** *w. e. f.* 15-03 -2007 to March 2009,

4. **Students Welfare In-charge:** *w. e. f.* 12-03-2009 to March 2011

*Ref.letter No.* SAMN/ADMN/A-22/87-1986 dated. 26/03/2009

5. **RAWE-Coordinator:** for the period 2010-2012.

6. **Farm In-Charge:** *w. e. f.* 25-01-2006 to 24-01-2009,

*Ref. No.* SAMN/ESTT-15(III)/87-1647 Dated 25-01-2006

7. **Member, Governing Body- UNITY COLLEGE,** Dimapur as Nagaland University representative, *w.e.f.* 12<sup>th</sup> Dec. 2014 for three years.

*Ref. No.* NU-CDC/Gen-4/2008-4041 dated 12<sup>th</sup> Dec. 2014

8. **Member, Editorial Board, Nagaland University Research Journal,** *w.e.f.* 19-8-2016 three years. *Ref. No.* NU/Acad/95/2011-5056 dated 19-08-2016

9. **Head**, Department of Agronomy, w. e. f. 3<sup>rd</sup> August 2023 onwards.

**CBSC/NTA-OBSERVERS DUTY**

**ID: NTA-TA-O-00775**

S. No.	Year	Dates	Details of Exam	Center/City
1	2018	16 <sup>th</sup> , 22 <sup>nd</sup> and 28 <sup>th</sup> March	Observer for CBSC Class X Exam L. No. CBSC:RO:GHY: Observer (Th-X& XII): 2018:46108	Assam Rifles High School, Mokokchung
2	2018	8 <sup>th</sup> April	Join Entrance Exam (JEE) No.F.18/JEE/CBSC/EXAM/OBS.2018/261/E182268 dated 01/04/2018	Dimapur
3	2018	8 <sup>th</sup> July	UGC NET July 2018 No.F-18/UGC-NET/MISC/J2018/N180124 dated 07/06/2018	Guwahati
4	2018	9 <sup>th</sup> November	CTET EXAM-2018 No.F-8/CBSC/CTET/EXAM/OBS.DEC-2018/CODE-005/Z18050002/2018 dated 22/11/18	Guwahati
5	2018	21 & 22 <sup>nd</sup> Dec.	UGC-NET Exam. Dec.2018 L.No.01/NTA/UGC-NET18/ADMIN/Observer dated 4 <sup>th</sup> Dec. 2018	NIT Dimapur C.code-12323
6	2019	2 <sup>nd</sup> , 3 <sup>rd</sup> and 5 <sup>th</sup> Dec. 2019	UGC-National Eligibility Test (UGC-NET) CBT, December 2019 L. No. NTA/EXAM/OB/APPT/UGC-NET/2019 dated 16/11/2019	Patkai Christian College
7	2019	8 <sup>th</sup> December 2019	Central Teachers Eligibility Test (CTET) 8 <sup>th</sup> December-2019 L. No. F.8/CBSC/CTET/EXAM/OBS.Dec-2019/162/Ref .No. D190652	Assam Raifles School 162/Kohima
8	2019	15 <sup>th</sup> December 2019	CSIR-National Eligibility Test (CSIR-NET)- December-2019 NTA/EXAM/OB/APPT/CSIR-NET/2019, 9/12/19	Patkai Christian College
9	2020	6 <sup>th</sup> to 9 <sup>th</sup> Jan.2020	JEE-Joint Entrance Exam (Main) January 2020 NTA/EXAM/OB/APPT/JEE-MAIN/2019 dated: 28/12/2019	Patkai Christian College
10	2020	13 <sup>th</sup> Sept. 2020	National Eligibility cum Entrance Test (NEET) UG-2020 NTA/EXAM/OB/APPT/NEET/2020 dated 25/8/2020	Delhi Public School, Dimapur C.code:23539
11	2020	29 <sup>th</sup> 30 <sup>th</sup> Sept. and 1 <sup>st</sup> October-2020	UGC-National Eligibility Test (UGC-NET) CBT, June-2020 (NL0156) NTA/EXAM/CC/APPT/UGC-NET/OBS/2020 dated 20/09/2020	Delhi Public School, Dimapur C.code:23539
12	2020	9 <sup>th</sup> October 2020	UGC-National Eligibility Test (UGC-NET) CBT, June-2020 (NL0156) NTA/EXAM/CC/APPT/UGC-NET/OBS/2020 dated 20/09/2020	Delhi Public School, Dimapur C.code:23539
13	2020	5 <sup>th</sup> 11 <sup>th</sup> and 12 <sup>th</sup> Nov.2020	UGC-National Eligibility Test (UGC-NET) CBT, June-2020 (NL0156) NTA/EXAM/CC/APPT/UGC-NET/OBS/2020 dated 20/09/2020	Delhi Public School, Dimapur C.code:23539

14	2021	12 <sup>th</sup> Sep.2021	National Eligibility cum Entrance Test (NEET) UG-2021 NTA/EXAM/OB/APPT/NEET/2021 dated 23/8/2020	Guwahati Don Bosco University
15	2022	9, 11, 12 <sup>th</sup> July-2022	UGC-National Eligibility Test (UGC-NET) CBT, December 2021 and June-2022 (NL0101) F. No.1/1/1/2/2022/TA dated 03/07/2022	Dimapur City College
15	2022	15, 16, 19, 20 <sup>th</sup> July- 2022	Common University Entrance Test [CUET(UG)-2022] F. No.1/31/1/2/2022-TA dated 5 <sup>th</sup> July 2022	City Education Institute, Dimapur
14	2022	17 <sup>th</sup> July- 2022	National Eligibility cum Entrance Test (NEET) UG- 17 <sup>th</sup> July 2022 F. No.1/5/1/2/2022-TA, Dated 17 <sup>th</sup> June 2022	Livingstone International School, Dimapur
15	2022	26 <sup>th</sup> September- 2022	Requitement Examination for Hon'ble Supreme Court of India for the post of JCA F. No.1/44/1/2/2022-TA	City Education Institute ,Dimapur

*T. Chhain*

Signature