# **CURRICULUM VITAE**



### Dr. Kaushal Kumar Jha

#### **Professor & Head**

Department of Agricultural Extension Education NU: SASRD, Medziphema Campus District : Dimapur, Nagaland -797106

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Vidwan Profile URL: https://vidwan.inflibnet.ac.in/profile/131724

Score : 8.9/10

Vidwan Expert ID: 131724

## Education

PhD in Extension Education, Institute of Agricultural Sciences, BHU, Varanasi
M.Sc (Ag) in Extension Education, Institute of Agricultural Sciences, BHU, Varanasi
UGC NET (1995) in Rural Development
ICAR NET(1995 & 1996) in Agricultural Extension

# Teaching experience at NU since 30<sup>th</sup> August, 1997

## **Administrative Experiences**

### Academic Administration

- Acted as Head -in-Charge of the Department of Rural Development from 14.9.1999 to 30.6.2002.
- Board member of the governing body of Patkai Christian College, Dimapur (1998-2000).
- Board member of the governing body of Eastern Christian College, Dimapu(2000 2002).
- Board member of the governing body of Pranabnanda Women's College, Dimapur (2003 -2005).
- Appointed as Head Dept of Agricultural Extension w.e.f 6<sup>th</sup> Feb. 2018

## **Other Administrative Experiences**

Warden of S.I.N and C.V. Raman Hostels from 10.6.1999 to 31.7.2002.

In charge of Students' Welfare, Counselling & Placement Cell from 29.3.2004 to 11.03.2007 In charge of Students' Counselling & Placement Cell from 2010 to 2014 Program Officer, National Service Scheme (NSS) from 2010 to 2014 In charge of Students' Counselling & Placement Cell since 18.4.2017 Chairman, Physical stock verification committee since 2022 Nodal Officer ICAR since 17 /01 /2023 Professor –in –Charge of Research & Extension Cell since October 2023

### Academic Experience : 27 Years (UG, PG & PhD Teaching)

### **Research areas / Field of specialization**

Entrepreneurship, Training, Impact assessment of rural developmental projects /programs, Technology transfer & adoption, ICT & farm innovations, Communitisation of public institutions, Human resource Management, Sustainable development , Livelihood study, Climate change , Agro ecological study, Monitoring & Evaluation, Policy research and analysis, Indigenous knowledge system.

### **Teaching areas and proficiencies**

Advanced designs and techniques in social science research, Advanced management techniques, Transfer of technology in agriculture, Research Methods in Behavioural Sciences, Scaling techniques, Capacity building, Diffusion and Adoption of Innovations, e-Extension, Human Resource Development, Organizational Behaviour, Visual communication, Entrepreneurship Development & Communication Skills, ICT and Digital Extension etc.

## **Courses taught**

### PhD Courses :

- 1. EXT 602 : Advanced designs and techniques in social sciences research : 3(2+1) Credit
- 2. RDP 602\* : Advance Research Methodology : 3(2+1) Credit
- 3. EXT 607 : Advanced management techniques : 3(2+1) Credit
- 4. EXT 609 :Transfer of technology in agriculture : 3(2+1) Credit
- 5. EXT 604 : Organizational Development : 3(2+1) Credit

#### PG Courses :

6. EXT 503 : Diffusion and Adoption of Innovations : 3(2+1) Credit

- 7. EXT 504 : Research Methods in Behavioral Science : 3(2+1) Credit
- 8. EXT 504\* : Research Methodology in Extension : 3(2+1) Credit
- 9. RDP 504 : Research Methodology : 3(2+1) Credit
- 10. EXT 505 : e Extension : 3(2+1) Credit
- 11. EXT-505\* Capacity Development 3(2+1) Credit
- 12. EXT 506 \* ICTs for Agricultural Extension and Advisory Services 3(2+1) Credit
- 13. EXT 507 : Human Resource Development : 3(2+1) Credit
- 14. EXT 508 : Visual Communication : 3(2+1) Credit
- 15. RDP: 515: Transfer of agricultural technology for rural development: 3(2+1) Credit
- 16. EXT-508 : Managing Extension Organisations : 3(2+1) Credit
- 17. EXT-510 Gender Mainstreaming 3(2+1) Credit

#### **UG Courses:**

- 18. EXT 101 : Dimensions of Agricultural Extension : 2(1+1) Credit
- 19. RDP 102 : Fundamentals of Rural Development
- 20. EXT 302 : Entrepreneurship Development & Communication Skills : 2(1+1) Credit
- 21. EXT 302 : Entrepreneurship Development & Business Communication: 2(1+1) Credit

### **Publications**

#### Detailed list uploaded in

#### Vidwan Profile URL: https://vidwan.inflibnet.ac.in/profile/131724

#### **Publications in Journals**

- Sentibenla Pongener & K K Jha. 2024. Information sources utilization and adoption behaviour of pineapple growers in Nagaland. Indian Journal of Extension Education. 60(1): 46-52.
- Azhanuo Rutsa and K. K. Jha. 2023. Factors Influencing Knowledge of Farmers on Sri Paddy Cultivation: Evidence from Kohima District of Nagaland. Biological Forum – An International Journal .15(7): 235-239.
- Azhanuo Rutsa and K. K. Jha. 2023. Extent of Adoption of SRI Technology for Sustainable Rice Production in Nagaland. Indian Res. J. Ext. Edu. 23(4): 89-92.
- Cordilia Kharlukhi and K K Jha .2023. Status of cultivation practices and constraints faced by the respondents in terms of horticultural crop production and management in the selected District of Meghalaya. 41 (9) : 774-779.
- Benthunglo Lotha and K K Jha. 2023. Enhancing income of horticultural farmers in Nagaland: An economic analysis . Agric Res J. 60 (5) : 757-764.
- Sentibenla Pongener and Kaushal Kumar Jha. 2023. Attitude of farmers towards adoption of sustainable cultivation practices of pineapple in Nagaland. The Pharma Innovation. SP-

12(10): 1360-1363.

- Rajib Das and K. K. Jha . 2022. Information Sources Utilization among Potato Farmers in North East India. Indian Res. J. Ext. Edu. 22 (1): 44-49.
- Benthunglo Lotha and K.K.Jha . 2022. Imperatives of Technology Adoption Among Farmers Growing Horticultural Crops in Wokha District of Nagaland. Indian Research Journal of Extension Education. 22 (5), December Special e-Issue.
- Rajib Das and K.K.Jha . 2021. Scale for Measuring Attitude of Farmers towards Sustainable Potato Cultivation in North-East India. International Journal of Current Microbiology and Applied Sciences. 2319-7692. Volume 10, No 8, 2021, pp. 285-292.
- Cordilia Kharlukhi and K.K.Jha . 2021. Entrepreneurial Behaviour of Horticultural Farmers in East Khasi Hills and Ri-Bhoi Districts of Meghalaya. International Journal of Current Microbiology and Applied Sciences. 2319-7692. Volume 10 No. 4, 2021 pp. 575-582.
- Kitila Walling , Kaushal Kumar Jha , Nokchensaba Kichu , Nuksungla Walling and Limasunep ] Ozukum. 2021. Indigenous knowledge of Ao Naga tribe on some folk medicinal plants used in health management . International Journal of Agriculture Sciences. Volume 13, Issue 4, 2021, pp.-10696-10700.
- Rajbhar, A K., Singh, H.C., Jha, K.K., Kumar, M and Maurya, K. 2018. Adoption of chickpea production technology among farmers in central plain zone of Uttar Pradesh . *Journal of Pharmacognosy and Phytochemistry*. 7(4): 2250-2254.
- Longchar, T., Jha, K.K. and Longkumer, J. 2018. MGNREGA Impact and constraints in Mon district, Nagaland. *Agriculture Update*. **13**(3): 255-60.
- Rajbhar, A K., Singh, H.C., Jha, K.K., Kumar, M and Maurya, K. 2018. Knowledge level of farmers on chickpea production technology in central plain zone of Uttar Pradesh. *Journal* of Pharmacognosy and Phytochemistry. 7(4): 1889-1892.
- Das, R. and Jha, K.K. 2017. Training needs of potato growers in Sepahijala district of Tripura. *Agriculture Update*. **12**(3): 323-327.
- Rajbhar, A K., Jha, K.K. and Yadav, S.R. 2017. Dimensions and determinants of knowledge on recommended wheat production technology among farmers in eastern plain zone of Uttar Pradesh. *Plant Archives.* 17(2): 895-900.

Rajbhar, A.K., **Jha., K.K.**, Yadav, H.C., Yadav, S.R. and Singh, A.K. 2016. Knowledge and adoption of recommended wheat production technology by the farmers in eastern plain zone of

Uttar Pradesh. Progressive Research – An International Journal. 11(Special I): 205-207.

Jha, K.K. and and Pongener, S. 2015. Innovativeness of cucumber growing farmers in Mokokchung, Nagaland. *International Journal of Social Relevance & Concern.* 3(12): 18-21.

Jha, K.K. 2015. Training needs of potato growers in Boxanagar block of Tripura. *International Journal of Social Relevance & Concern.* **3**(6): 33-37.

Rengma, Samsam K. and **Jha, K.K.** 2015. Impact of communitisation on elementary education – An

analysis. ZENITH International Journal of Multidisciplinary Research. 4(4): 62-69.

Longkumer, M. and Jha, K.K. 2014. Women's empowerment through SHGs – characteristics & levels. *International Journal of Social Relevance & Concern.* **2**(2): 1-4.

Jha, K.K. 2013. Constraints faced by participants and non-participants in adopting social forestry

Practices. Journal of Human Ecology. 44(3): 305-311

- Jha, K.K. and Chawang, J.K. 2013. Pattern of information sources utilization among paddy cultivators of Dhansiripar RD block of Nagaland. *Nagaland University Research Journal.* 6: 46-53.
- Kithan, C.L and **Jha, K.K.** 2012. Knowledge gap of farmers in adoption of improved farm practices

of passion fruit cultivation. Journal of Interacademicia. 16(4a): 1122-1126.

- Punyu, K. and Jha, K. K. 2012. Training needs of wet terrace paddy cultivators. *Journal of Interacademicia*. 16(4a): 1036-1041.
- Jha, K. K. 2012. Factors influencing entrepreneurial behaviour of potato growers. *Journal of Interacademicia*. **16**(4a): 1023-1028.
- Jha, K. K. 2012. Entrepreneurial behaviour of pineapple growers. *Indian Research Journal of Extension Education*. Spl. Issue, 1: 142-145.
- Jha, K. K. 2012. Knowledge of social forestry among rural community. *Journal of Interacademicia*. **16**(2): 354-360.
- Jha, K. K. 2012. Factors influencing knowledge level of farmers about social forestry. Journal of Human Ecology. **38**(3): 175-180.
- Jha, K. K. 2012. Entrepreneurial behaviour of ginger cultivators. *Journal of Interacademicia*. **16**(1): 160-166.
- Jha, K. K. 2010. Correlates of farmers' attitude towards pineapple cultivation in Nagaland. *Journal of Community Mobilization and Sustainable Development*. **5**(1): 096-100.
- Jha, K. K. 2010. Entrepreneurship characteristics of ginger cultivators in Nagaland. *Environment & Ecology*. 28(3):1586-1588.
- Chawang, J.K. and **Jha, K.K.** and 2010. Training needs of paddy cultivators in Nagaland. *Indian Research Journal of Extension Education*. **10**(1): 74-77.
- Sema, A., **Jha, K. K.** and Sharma, A. 2009. Cultivation of pineapple for upliftment of rural economy in Nagaland. *Acta Horticulturae*. **822**: 99-106.
- Singh, K. and Jha, K.K. The communitisation of public institutions and services in Nagaland, India. *Institute of Development Studies (IDS) Bulletin.* **40**(6): 31-40.
- Jha, K.K. 2009. Entrepreneurial characteristics and attitude of pineapple growers. *International Journal of Human and Social Science*. **4**(6): 392-396.

- Jha, K.K. 2009. Scale for measuring attitude of farmers towards social forestry. *Indian Research Journal of Extension Education*. **9**(3): 75-77.
- Loyi, K. and Jha, K. K. 2008. Entrepreneurship characteristics of orange growers: An analysis. Nagaland University Research Journal. 5: 55-62.
- Kuba, J. and Jha, K. K. 2008. Attitude of farmers towards improved practices of paddy cultivation. *Nagaland University Research Journal*. **5**: 113-117.

#### **Books Published**

Jha, K. K. 2015. Dynamics of people's participation and attitude. Lambert Academic Publishing, Germany. ISBN : 978-3-659-79100-0

Kithan, C.L. and **Jha, K.K.** 2015. Entrepreneurial behaviour of Passion fruit growers in Nagaland.

Lambert Academic Publishing, Germany. ISBN: 978-3-659-77875-9

Jha, K. K., Sharma, A. and Sharma, Y. K. 2011. Technological interventions and constraints in agriculture and livestock production. ISBN : 978-81-922268-1-1

Jha, K. K., Sharma, A. and Sharma, Y. K. 2008. Agricultural Technology Interventions for Socio-

Economic Development of Rural Community. ISBN: 978-81-922268-0-4

### **Book Chapters Published**

- Jha, K.K. 2023. Increasing farmers income, prosperity and food security in India challenges and strategies. Pp:1-9. Today & Tomorrow's Printers and Publishers, New Delhi.
- Arentula. L. Longkumer and K. K. Jha.2023. Socio-economic dimensions of technology adoption for improving the income and prosperity of turmeric farmers in Nagaland. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 29-37
- Azhanuo Rutsa and **K. K. Jha.** 2023. Extent of adoption of SRI paddy cultivation in Kohima district, Nagaland. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 44-53
- Bidyapati Thangjam, . K.K. Jha and Naorem Chanu Gulleibi. 2023. Impact of COVID-19 Pandemic on Agriculture. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 106-118.
- Bidyapati Thangjam and **K.K. Jha.** 2023. Youth in Ensuring Food Security through Agricultural Entrepreneurship in India. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 131-146.
- Vimetseino Zao and **K.K. Jha.** 2023. Potato Farming for Promoting Food Security among Farmers –Issues and Constraints. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 152-161.
- Tongam Dukom and **K.K. Jha.** 2023. Large Cardamom Cultivation for Promoting Food Security Among Farmers. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 162-167.
- Phidalangki Lyngdoh & **K K Jha**.2023. Constraints Analysis and Strategy to Enhance the Productivity and Income of Turmeric Farmers in Meghalaya. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 176-184.
- Vimetseinuo Kintso & **K.K. Jha. 2023.** Banana Cultivation for Promoting Food Security Among Farmers. Vol.2.Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 37-43.
- Arentula. L. Longkumer & K. K. Jha.2023. Analysis of constraints faced by turmeric growers in Dimapur district of Nagaland. Today & Tomorrow's Printers and Publishers, New Delhi.

Pp. 51-59.

- Romilla Tulang & **K K Jha.2023.** Knowledge of farmers on improved pineapple cultivation technology. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 79-86.
- Cordilia Kharlukhi & **K K Jha.** 2023. Impact of farming technology for generating income security of strawberry farmers in Meghalaya : A case study. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 91-96.
- Lallawmzuali & **K K Jha.** 2023. Impact of ginger farming technology on income of farmers in Mizoram. Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 107-112.
- Sentibenla Pongener, Kaushal Kumar Jha & Kitila Walling. 2023. Constraints faced by offseason cucumber growers in increasing productivity and income in Mokokchung, Nagaland. Today & Tomorrow's Printers and Publishers, New Delhi, Pp. 121-128.
- Tzubentula Jamir & **K K Jha**. 2023. Information sources utilization for sustainable king chilli production –An analysis . Today & Tomorrow's Printers and Publishers, New Delhi. Pp. 129-139.
- Pongener, S. and Jha, K.K. 2018. Knowledge level of farmers towards improved cucumber cultivation in Nagaland. 'Sustainable Horticulture'. ISBN: 81-7019-601-8. Today and Tomorrow's Printers & Publishers, India.Pp.435-443.

**Jha, K.K.** 2014. Self help groups for empowering the rural women through improved agricultural interventions. 'Empowerment of Rural Economy Through Smart Agricultural Interventions'. ICAR Research complex for NEH region, Nagaland Centre, Jharnapani. Pp.85-92.

- Jha, K.K. 2014. Micro-Finance: Its concept and application for upliftment of rural economy. 'Empowerment of Rural Economy Through Smart Agricultural Interventions'. ICAR Research complex for NEH region, Nagaland Centre, Jharnapani. Pp.93-100.
- Jha, K.K. 2013. Correlates of farm size and entrepreneurial behavior of pineapple farmers in Nagaland. 'Natural Resources for Sustainable Agriculture Production'. ISBN: 978-81-89812-47-8. S.S. Publication, Delhi, India. Pp.79-86.
- Jha, K.K. 2013. Influence of scientific orientation on entrepreneurial behavior of pineapple growers in Nagaland. 'Hill Agriculture-Economics & Sustainability'. ISBN: 978-93-81450-87-1. New India Publishing Agency, New Delhi, India. Pp.103-111.
- Jha, K.K. 2012. Entrepreneurship development among ginger cultivators in Nagaland. 'Rural Entrepreneurship Development in Liberalised Era'. ISBN: 978-93-80574-31-8. Bookwell publisher, New Delhi, India. Pp.137-148.
- Jha, K.K. 2012. Entrepreneurial Characteristics of potato cultivators in Kohima, Nagaland. 'Nagaland University Research Communication'. ISBN: 978-81-7596-902-5. Cambridge University Press, New Delhi, India. Pp.77-83.
- Jha, K.K. 2012. Attitude of farmers towards Pineapple cultivation in Nagaland. 'Nagaland University Research Communication'. ISBN: 978-81-7596-902-5. Cambridge University Press, New Delhi, India. Pp.72-76.

Sharma, Y.K., **Jha, K.K**., Sharma, A. and Tyagi, D.B. 2011. Biofertilizer : A potential green input of Indian agriculture. Technological interventions and constraints in agriculture and livestock production. ISBN : 978-81-922268-1-1. Pp.45-58.

Safi, S.K., **Jha, K.K**., Sharma, A., Sharma, Y.K. and Tyagi, D.B. Changing paradigm of pesticide use in agriculture. Technological interventions and constraints in agriculture and livestock production. ISBN : 978-81-922268-1-1. Pp. 72-83.

Jha, K.K. 2010. Harnessing agricultural resources for socio-economic development of North – East India. 'Rural Development in India – Retrospect and Prospect'. ISBN: 978-81-8069-704-3. Concept Publishing Company, New Delhi, India. Pp. 108-123.

Jha, K.K. 2010. Impact of SGRY on socio –economic development of rural community in Nagaland. 'Rural Development in North East India'. ISBN: 978-81-8069-668-8. Concept Publishing Company, New Delhi, India. Pp. 232-241.

**Jha, K.K.** 2008. Economic feasibility of mushroom farming in Nagaland. 'Agricultural Technology Interventions for Socio-Economic Development of Rural Community'. ISBN: 978-81-922268-0-4. Pp. 61-73.

- Jha, K.K. 2008. Agricultural development in north-east hilly region of India. 'Agricultural Technology Interventions for Socio-Economic Development of Rural Community'. ISBN: 978-81-922268-0-4. Pp. 51-60.
- Jha, K.K. 2008. Monitoring and evaluation of training programmes. 'Extension and training methods for KVK functionaries'. AAU. Pp. 66-82.
- Jha, K.K. 2008. Analysis of prevailing cropping technology and its impact on productivity in paddy and wheat crops in Haryana. 'Agricultural Technology Interventions for Socio-Economic Development of Rural Community'. ISBN: 978-81-922268-0-4. Pp. 139-144.

Jha, K.K. 2008. Mushroom enterprise: a growing venture for agricultural development in Nagaland. 'Agricultural Technology Interventions for Socio-Economic Development of Rural Community'. ISBN: 978-81-922268-0-4. Pp.103-109.

**Jha, K.K.** 2008. Perceived benefits of social forestry among the farmers. 'Agricultural Technology Interventions for Socio-Economic Development of Rural Community'. ISBN: 978-81-922268-0-4. Pp. 82-87.

## **Other publications**

#### Reports

Report on 'Rural Agricultural Work Experience Programme' (RAWEP), 2015

Report on 'Rural Agricultural Work Experience Programme' (RAWEP), 2014

Report on 'Impact Appraisal of National Rural Employment Guarantee Act (NREGA) in Nagaland', 2009

Report of Third party monitoring and evaluation of ATMA, Nagaland, 2006-2007.

Report of Third party monitoring and evaluation of ATMA, Nagaland, 2005-2006.

Report on 'Rural Agricultural Work Experience Programme' (RAWEP), 2004

Report on 'Rural Agricultural Work Experience Programme' (RAWEP), 2003

#### Manuals

Manual of 'Rural Agricultural Work Experience Programme' (RAWEP), 2016

Manual of 'Rural Agricultural Work Experience Programme' (RAWEP), 2015 Manual of 'Rural Agricultural Work Experience Programme' (RAWEP), 2014 Practical Manual of 'Research Methodology' for M.Sc (Ag) RD, 2010 Manual of 'Rural Agricultural Work Experience Programme' (RAWEP), 2003

#### Folders

Folder on 'Potato cultivation in Mon district of Nagaland'.

Folder on 'Important diseases of Potato and their management'.

Folder on 'Alder based sustainable farming system in Nagaland'.

Folder on 'Major Insect Pests of Potato and their management'

Folder on 'Fermented Products of Nagaland'.

Folder on 'Indigenous Plants of Nagaland Having Insecticidal Properties'.

### Handling of research / Development project / Consultancy

1. Title of project :	'Livelihood Improvement and Empowerment of Rural Poor through			
	Sustainable Farming Systems in North Eastern Region'			
Funding Agency	: ICAR			
Duration	: 2007-2014			
Completed / on-going: Completed.				

2. Title of project: 'Impact Appraisal of National Rural Employment Guarantee Act (NREGA) in Nagaland'
Funding Agency : MORD through UNDP
Duration : 2008-2009
Completed / on-going: Completed.

3. Title of project:The Communitisation of Public Institutions and Services in Nagaland, IndiaFunding Agency: PRIA through Logo Link BrazilDuration: 2008-2009Completed / on-going: Completed.

4. Title of project: 'Agro-Ecology in Himalayan States with special emphasis on marketing"
Funding Agency : IHCUC through UGC
Duration : 2020-2021
Completed / on-going: Completed.

5. Title of project: 'Documentation of a traditional irrigation management system (TIMS) managed by tribal people under hill environment of Nagaland".
Funding Agency : Ministry of Education
Duration : 2023-2024
Completed / on-going: Completed.

6. Scientific study in Zabo farming system : A farmer managed Traditional Irrigation System (FMTS) under hill environment of Nagaland
Funding Agency : Ministry of Education
Duration : 2023-2025
Completed / on-going: Ongoing.

# **Research Supervision**

### Completed

Sr. No.	Thesis topic	Name of the student	Degree PhD / M.Sc(Ag) Awarded	Year of Award
1.	Training Needs of Paddy Cultivators in Dimapur District of Nagaland	James Kuba Chawang	PhD	2010
2.	Sustainable potato farming for entrepreneurship development: A study of potato growers in North East India	Rajib Das	PhD	2021
3.	Status and determinants of sustainable cultivation practices followed by pineapple ( <i>ananas</i> <i>comosus</i> 1.) growers in Nagaland	Sentibenla Pongener	PhD	2023
4.	Status of entrepreneurial behaviour and technological gap among large cardamom ( <i>Amomum subulatum</i> Roxburgh) growers in eastern Nagaland.	Kitila Walling	PhD	Viva awaited
5.	A study on king chilli farmers in selected districts of Nagaland	Tzubentula Jamir	PhD	Submitted
6.	Status of technology adoption: A study of Paddy farmers in Manipur	Bidyapati Thangjam	PhD	Submitted
7.	Analysis of Large cardamom cultivation technology adopted by farmers in Phek district of Nagaland	Silevizo Seyie	M.Sc(Ag)	2023
8.	Livelihood Features and Status of Adoption of Improved Ginger Cultivation Technology in Longleng District of Nagaland	B Nganpong Phom	M.Sc(Ag)	2023
9.	Adoption Status of Improved Production Technology of Mandarin in Upper Subansiri District of Arunachal Pradesh	Linya Nirin	M.Sc(Ag)	2023
10.	Analysis of Naga king chilli farming practices adopted by farmers in kohima district, Nagaland	Khrienuo Liezietsu	M.Sc(Ag)	2022
11.	Adoption of organic cultivation technology among french bean growers in selected blocks of Tuensang district, Nagaland	Silila Thonger	M.Sc(Ag)	2022

12.	Technology adoption and	Rishu Singh	M.Sc(Ag)	2022
	entrepreneurial behaviour of ginger			
	growers in Dimapur district,			
	Nagaland			
13.	Technology adoption and	Lutmon haki Dkhar	M.Sc(Ag)	2021
	entrepreneurial behaviour of			
	farmers growing tea, khasi			
	mandarin, turmeric and tomato in			
	selected districts of Meghalaya			
14.	Adoption of improved cultivation	Benthunglo Lotha	M.Sc(Ag)	2021
	practices among farmers growing			
	horticultural crops in			
	Wokha district, Nagaland	<b>A</b> 100 101 1 1 1 1		
15.	Entrepreneurial behaviour of	Cordilia Kharlukhi	M.Sc(Ag)	2020
	horticultural farmers in east Khasi			
	hills and Ri-Bhoi districts of			
	Meghalaya			
16.	Technological gap in banana	Vimetseinuo Kintso	M.Sc(Ag)	2020
	vation among farmers in Kohima			
	ct of Nagaland	<b>0</b> 111		
17.	A Study on Passion fruit	Grace kikon	M.Sc(Ag)	2019
	(Passiflora spp.) cultivation			
	practices followed by farmers in			
	Wokha district, Nagaland			
18.	Cassava (Manihot Esculenta)	Sentimenla sanglir	M.Sc(Ag)	2019
	Production And Constraints In			
	Kubolong Block, Mokokchung			
10	District, Nagaland			2010
19.	Apiary practices and	Thejaseto	M.Sc(Ag)	2019
	entrepreneurial behaviour of			
	beekeepers in Kohima District of			
20	Nagaland	Azhanuo Rutsa		2010
20.	A Study on SRI paddy cultivation	Aznanuo Rutsa	M.Sc(Ag)	2019
01	in Kohima District, Nagaland			2010
21.	Entrepreneurial behaviour of	Vimetseino Zao	M.Sc(Ag)	2018
1	potato growers in Jakhama block			
22	of Kohima distrct, Nagaland	A	MCa(A-)	2019
22.	Status of adoption of improved	Arentula	M.Sc(Ag)	2018
	cultivation practices among	Longkumer		
1	turmeric growers in Dimapur			
22	district, Nagaland.	Diduanati	$\mathbf{M} \mathbf{S}_{\mathbf{a}}(\mathbf{A}_{\mathbf{a}})$	2019
23.	Status of adoption of	Bidyapati	M.Sc(Ag)	2018
1	recommended paddy cultivation	Thangjam		
1	technology in selected districts of Monipur			
	Manipur			
23.	Entrepreneurial Behavioural Patter	Tzubentula Jamir	M.Sc(Ag)	2017
1	King			
1	Chilli Farmers in Peren District			
	Nagaland			
24.	Entrepreneurial behaviour of	Romila Tulang	M.Sc(Ag)	2017
	pineapple cultivators in			
	Medziphema block of Dimapur			
1	district, Nagaland			
	district, Nagaland			

25	Entrement over all haber i over of	T - 11 1'	$M \mathcal{C}_{\alpha}(\Lambda_{\alpha})$	2016
25.	Entrepreneurial behaviour of	Lallawmzuali	M.Sc(Ag)	2016
	farmers growing horticultural			
	crops in Aizawl and Serchhip			
26	districts of Mizoram	Daiih Dag	$\mathbf{M} \mathbf{S}_{\mathbf{a}}(\mathbf{A}_{\mathbf{a}})$	2016
26.	Technological gap in cultivation of	Rajib Das	M.Sc(Ag)	2010
	horticultural crops in the selected			
27	districts of Tripura	A		2015
27.	A study on knowledge and	Arun Kumar	M.Sc(Ag)	2015
	adoption of recommended wheat	Rajbhar		
	production technology by the farmers in Eastern Plain Zone of			
20	Uttar Pradesh	Contile en la		2015
28.	Entrepreneurial behaviour of	Sentibenla	M.Sc(Ag)	2015
	cucumber cultivators in	Pongener		
20	mokokchung district of Nagaland	<b>T</b> 1		2015
29.	Entrepreneurial behaviour of	Thomas	M.Sc(Ag)	2015
	ginger cultivators in East Siang			
20	district of Arunachal Pradesh	0 1 77 1	MOLAN	2012
30.	To study the impact of climate	Sesenlo Kath	M.Sc(Ag)	2013
	change on Jhum cultivation and			
	agricultural productivity as			
	perceived by farmers in Kohima			
0.1	district of Nagaland.	XX . 1 D 11		2012
31.	People's participation in managing	Vevotalu Rakho	M.Sc(Ag)	2013
	community forest for conservation			
	of bio diversity and livelihood			
	security of the agrarian community			
20	in Nagaland	L Charithean		2012
32.	To study the entrepreneurial	L Chenithung Kithan	M.Sc(Ag)	2013
	behavior of passion fruit growers	Kithan		
	in Wokha rural development block of Nagaland			
22	8	Managarata		2010
33.	To study the features of women	Merensangla Longkumer	M.Sc(Ag)	2010
	empowerment through SHG with	Longkumer		
	reference to Medziphema RD			
34.	block of Nagaland	M. Voncer	$MS_{\alpha}(\Lambda_{\alpha})$	2007
54.	Appraisal of Sampoorna Grameen	M. Yanger	M.Sc(Ag)	2007
	Rozgar Yojna in Medziphema rural development block of			
35.	dimapur district in Nagaland Impact of SGSY in Medziphema	Hukai Zhimomi	M.Sc(Ag)	2004
55.	rural development block of		M.SC(Ag)	2004
	Dimapur district in Nagaland			
26		Dongogntomion	$MS_{\alpha}(\Lambda_{\alpha})$	2002
36.	Farm level constraints facedby the	Rongesntemjen	M.Sc(Ag)	2002
	farmers and their attitude in respect			
	of pineapple cultivation in Dimenur district of Negaland			
37.	Dimapur district of Nagaland	Vikusu Rikha	MSc(Ac)	2001
57.	To study the training needs of low	v ikusu kikna	M.Sc(Ag)	2001
	land paddy cultivators in Dimapur			
20	district of Nagaland	Tolona	M Sc(Ac)	2001
38.	Training needs of ginger growers	Tolong	M.Sc(Ag)	2001
	in Tirap district of Arunachal pradesh	Sumanyan		
L	pracesii	1		

39.	To study the entrepreneurial	K Loyi	M.Sc(Ag)	2001
	behaviour of Orange growers in			
	the West Siang district of			
	Arunachal Pradesh			
40.	To study the impact of NGO's	Abhijit Baruah	M.Sc(Ag)	2001
	environmental programmes in			
	creating environmental awareness			
	among the rural people in Assam			
41.	To study the entrepreneurship	Viwheto Thorie	M.Sc(Ag)	2000
	characteristics of Potato growers in			
	Kohima district of Nagaland			

# **Ongoing Research Supervision**

Sr. No.	Thesis topic / Research area planned	Name of the student	Registered for PhD / M.Sc(Ag) Degree	Year of admission	Status of Research work
1.	Status of entrepreneurial behaviour and technological gap among large cardamom ( <i>Amomum</i> <i>subulatum</i> Roxburgh) growers in eastern Nagaland	Kitila Walling	PhD	2016	Ongoing
2.	A study on king chilli farmers in selected districts of Nagaland	Tzubentula Jamir	PhD	2017	Ongoing
3.	Status of technology adoption : A study of Paddy farmers in Manipur	Bidyapati Thangjam	PhD	2018	Ongoing
4.	A study on adoption of improved cultivation technologies by turmeric growers of Meghalaya	Phidalangki Lyngdoh	PhD	2019	
5.	Status of sustainable cultivation practices followed by paddy farmers in Nagaland	Arentula L Longkumer	PhD	2019	
6.	Technology adoption, impact and entrepreneurship development among farmers with respect to NFSM on rice in Nagaland	Azhanuo Rutsa	PhD	2020	
7.	Sustainability analysis of cabl cultivation practices adopted by farr in Nagaland		PhD	2022	

# Seminar / Conference attended

Sr	Торіс	Seminar /Conference	International /	Year
No			National Level	
1	Policy initiatives for	Ist International Extension	International	2023
	sustainable pineapple	Education Congress		
	cultivation in Nagaland			
2	Increasing farmers income,	Income and Food Security of	National	2021

	prosperity and food security in India – challenges and strategies	Farmer's in India - <i>Opportunities &amp; Challenges</i>		
3	Knowledge and Adoption level of Improved King Chilli ( <i>Capsicum chinense</i> ) Cultivation Practices Among Farmers in Peren District, Nagaland	Symposium on Spices & Aromatic Crops (SYMSAC-IX) - 'Spices for doubling farmer's income.	National	2018
4	DimensionsofentrepreneurialskillsfordoublingtheincomeofPineapplegrowersinNagaland	Doubling farmers' income and farm production through skill development and Technology Application	National	2017
5	Status and Prospects of Entrepreneurship Development among Pineapple Growers in Nagaland	Information and Communication Management concerning Climate Smart Agriculture for Sustainable Development and Poverty Alleviation	National	2016
6	Information Communication Technology – Role & Impacts	Information and Communication Management concerning Climate Smart Agriculture for Sustainable Development and Poverty Alleviation	National	2016
7	Enhancing sustainable production and profitability of Pineapple through skill development of farmers in Nagaland	Strategy to drive Skill-based Agriculture Development forward for Sustainability and Rural Employability	National	2015
8	Entrepreneurial behaviour of Pineapple growers in Nagaland- An analysis.	Extension Innovation & Methodologies for Market Led Agricultural Growth and Development	National	2015
9	ConstraintsfacedbyPineapplefarmersinMedziphema, Nagaland	Sustainable Horticulture vis-à-vis changing Environment	National	2015
10	Knowledge level of farmers towards improved cucumber cultivation in Nagaland	Sustainable Horticulture vis-à-vis changing Environment	National	2015
11	Factors influencing training needs of potato growers in Tripura	Sustainable Horticulture vis-à-vis changing Environment	National	2015
12	Training needs of potato growers I Tripura : An Analysis	Technological Interventions in Agricultural Sciences for Enhanced Productivity, Nutritional Quality and Value addition	International	2015
13	Entrepreneurial Behaviour of Passion Fruit Cultivators	Technological Interventions in Agricultural Sciences for Enhanced Productivity, Nutritional Quality and Value addition	International	2015

14	Information sources utilization pattern among the tribal paddy cultivators	Translational Research Extension for Sustainable Small Farm Development	National	2014
15	Entrepreneurial attributes of the members of Self Help Groups	3 <sup>rd</sup> IMBP conference at Haridwar	BP conference at International	
16	ManagementofelementaryeducationthroughCommunitisationinTseminyublock of Nagaland	5 <sup>th</sup> International Conference on management and Behavioural Sciences at Haridwar	International	2012
17	Entrepreneurial behaviour of pineapple growers	Emerging models of technology application for Agri –Rural development at Goa	National	2011
18	Quality Issues in Higher Agricultural Education	Challenges of higher education in the North East, Kohima	Regional	2010
19	Natural resources management for sustainable agricultural production under Zabo farming system	Sustainable Natural Resources & its Utilization for enhancing the Agricultural Productivity in India, NU: SASRD	National	2010
20	Zabo farming system for sustainable agricultural production in Nagaland	Integrated rural development and management : strategies & policy options , IRDM, Kolkata	National	2010
21	Impact of Communitisation programme in Nagaland on alleviating poverty and inequality	Enabling Democratic Local Governance Environments for Fighting Poverty & Inequality at Italy	International	2010
22	Entrepreneurship development and constraints of ginger production in Nagaland	Harnessing the Potential of NE States for Spices Production through Technological Interventions, CIH, Nagaland	National	2009
23	Harnessing natural resources under Zabo farming system in Nagaland	Harnessing Natural resources towards the socio-economic development of North-East India	National	2008
24	Impact of SGRY on socio- economic development of rural community in Nagaland	Rural Development in India: Prospects and Retrospect	National	2008
25	Entrepreneurial characteristics and attitude of pineapple growers	World Congress on Science Engineering & Technology, WASET at Bangkok	International	2008

# **Awards & Honours**

 Awarded BHU Medal for obtaining I Rank at M.Sc (Ag) Exam 1995.
 Obtained all India first Rank at PhD entrance exam 1995 for Extension Education at BHU.

3. Received BHU Merit Scholarship 1995 & UGC Junior Research Fellowship for PhD, 1997.

4. Appreciation Certificate awarded for **Extension Talk** at Konkan Krishi Vidyapith, Dapoli in 1998.

5. Young Fellow Award 2010, Society for Recent Development in Agriculture, India.6. SRDA Gold medal 2014.

7. Best paper award during the National Seminar organized by the Indian Society of Extension Education, New Delhi 26-28 Feb, **2015**.

8. **Best paper award** during the National Seminar organized by the Department of Horticulture, **NU: SASRD Feb, 2015.** 

9. **Best paper award** during the National Seminar organized by the Indian Society of Extension Education, New Delhi 28-30 Nov, **2016.** 

10. Best extension professional award 2018 by Society of Extension Education, Agra.

11. Scientist of the year award 2019 by Society for recent development in agriculture.

12. Nort East Extension Excellence Award 2023 by Society of Extension Education, Agra

# Best paper award

*Enhancing sustainable production and profitability of Pineapple through skill development of farmers in Nagaland* during the National seminar on 'Strategy to Drive Skill Based Agriculture Development Forward for Sustainability and Rural Employability' organized by the Indian Society of Extension Education (ISSE), New Delhi, 2016.

*Entrepreneurial behaviour of pineapple growers in Nagalad: An analysis* during the National seminar on 'Extension Innovations and Methodologies for Market Led Agricultural Growth and Development' organized by the Indian Society of Extension Education (ISSE), New Delhi, 2015.

*Constraints faced by pineapple farmers in Medziphema*, Nagaland during the National seminar on 'Sustainable Horticulture vis-à-vis Changing Environment' organized by the Horticultural Scoiety of North East India, 2015.

*Knowledge level of farmers towards improved cucumber cultivation in Nagaland* during the National seminar on 'Sustainable Horticulture vis-à-vis Changing Environment' organized by the Horticultural Scoiety of North East India, 2015.

## Training programmes / Workshop organized

1.Organized a Wokshop on 'Basic computer skills for research work ' on 29<sup>th</sup> Nov, 2008.

2. Organized **Fertiliser Orientation Course** in association with FAI, Kolkata, at NU: SASRD, 15-16 March, 2013.

3. Organized Soft Skill Training programme: 26-27 Oct, 2013

4. Organized **Career Oriented Personality Development Trainings** at NU: SASRD in March 2014.

9. Organized **Training on Soft Skill Development** for students at NU: SASRD on 14<sup>th</sup> October 2017.

10. Organized **Career Counselling Workshop on soft skill, Agri-entrepreneurship development & other competitive exams** for students at NU: SASRD, 24-27 March 2018.

11. Organized **Career Counselling Workshop on soft skill, Agri-entrepreneurship development & other competitive exams** for students at NU: SASRD, 29-30 March 2019

12. Counseling & Guidance Webinar was conducted on 8<sup>th</sup> June 2021.

13. Counseling Program On UPSC, NPSC and other competitive exams was conducted on Feb 26<sup>th</sup>, 2022.

14. Counseling Programme conducted on 4<sup>th</sup> March 2022 : Mental Health Awareness & Stress Management

15. On 5<sup>th</sup> March, 2012 the counseling program was conducted on "Entrepreneurship Opportunities in Agri & Allied Sectors, Financial Management and Soft Skill development'

16. Counseling Programme conducted on 21 /5 / 2022 : Sensitizing them for preparing JRF, SRF and Agricultural Research Service (ARS)

17. Counseling Programme conducted on 28 /5 / 2022 : Soft skills and personality development

18. Counseling Programme conducted on 18 /6/ 2022 : Developing aptitude skills among agricultural graduates for various competitive examinations

19. Counseling Programme conducted on 25 /6/ 2022 : Workshop om preparing for various competitive examinations conducted by UPSC, NPSE, IBPS, and NABARD 20. Organized online program on creating awareness on financial literacy and entrepreneurship development among students : 2023-24.

## **Contribution towards institution building**

- Member of Board of Post Graduate Studies in Deptt of Agril. Ext, Rural Development, Livestock Production & Management and Agril. Economics.
- Member of School Board
- Member of Academic Council
- Member of Result Recommendation Committee (RRC)
- Acted as Hostel warden
- Acted as Student Welfare Incharge
- Acted as NSS Programme officer
- Founder member of Farmers Cell at NU : SASRD
- Counseling and Placement Cell Incharge
- Advisor to Student Union NU: SASRD
- Professor In charge Research & Extension Cell
- Nodal Officer ICAR

# **Representation in National / International academic bodies /** societies

**Office bearer**- Executive council of Indian Society of Extension Education, Division of Agricultural Extension, IARI, New Delhi; representing Eastern Zone of India (**Since 2012**).

Life member, Indian Society of Extension Education, New Delhi.

Life member, Society for Community Mobilization and Sustainable Development, New Delhi.

Life member, Society of Extension Education, Agra.

Honorary Life member of the Society for Agriculture Development & Applied Science (SADAS)

Professional membership of ICASA, USA Since 2009.

#### Alumni Rockefeller Foundation, Italy

### **Extension activities undertaken**

- 1. Developed the **first RAWE Manual for B. Sc** (Ag) final year students in 2002.
- 2. Acted as Team Leader of the RAWE group stationed at Mokokchung in 2003 (Feb June).
- 3. Conducted the **first Interactive Session of Scientist and Farmers** during the Silver Jubilee of SASRD in 2003 as Convener.
- 4. Facilitated in **establishing the Farmers Cell at SASRD**, based on the recommendations of Interactive Session of Scientist and Farmers as **Founder Member**.
- 5. Acted as RAWE expert of Agricultural Extension during the period of 2002 to 2005.
- 6. Executed the **farm advisory services** to the adopted villages under Farmers' Cell.
- 7. Prepared leaflets and folders related to extension activities.
- 8. Organised the **exposure trips of 25 SHG** groups from the remotest Village ,Longwa under Mon District of Nagaland consecutively in the year 2008 & 2009.
- 9. Adopted Jharnapani Village under NSS programme for farm & youth development activities from 2010 -2014.
- 10. Organized Rural Agricultural Work Experience (RAWE) Programme, (July-Dec) **2014 in Peren District.**
- Organized Rural Agricultural Work Experience (RAWE) Programme, (July-Dec) 2015 in Kohima District.
- 12. Organized exhibition on 'Innovations of Grassroots Innovators' during NU Convocation 2015 at NU: SASRD.
- Organized Rural Agricultural Work Experience (RAWE) Programme, (July-Dec) 2016 in Phek Distict.
- 14. **Organized Exhibition on Spices of North East India,** during the national symposium SYMSAC –IX, 15-17 March, NU : SASRD.
- 15. Organized field visits for various courses at UG & PG level : 2021-23.
- 16. Coordinating the activities of Student Ready Program since 2020.

## Invited lecture at Refresher/Summer/Winter Course/Workshop

Sl. No	Title of lecture	Title of Refresher /Summer /Winter Course/Workshop	Organised by	International/National/State / Regional
1	Strengthening linkage of Farmers with Market for Agribusiness	Agri-Business & Rural Marketing, 7- 14 September , 2009	Dept. of Agril. Eco, NU : SASRD	National level Program
2	Emerging Thoughts in Agribusiness and Rural Marketing	Agri-Business & Rural Marketing, 7- 14 September , 2009	Dept. of Agril. Eco, NU : SASRD	National level Program
3	Potential of Co- operative societies in agricultural marketing	Agri-Business & Market Intelligence, 8-28 September , 2010	Dept. of Agril. Eco, NU : SASRD	National level Program
4	Frontier issues of human resource management in Agri-Business	Agri-Business & Market Intelligence, 8-28 September , 2010	Dept. of Agril. Eco, NU : SASRD	National level Program
5	Farmer's relationship management	Agri Clinics & Agri Business Centre Training , Dimapur 19 <sup>th</sup> March	NENP, Dimapur	State Level Program
6	Value & ethics in small agri enterprise	Agri Clinics & Agri Business Centre Training , Dimapur 28 <sup>th</sup> March	NENP, Dimapur	State Level Program
7	SHG – Concept & developmental sustainability	Training for ATMA functionaries, 26-27 August, 2014	SAMETI, Medziphema	State Level Program
8	Formation of SHG for empowering rural women	Empowerment of rural economy through smart agricultural interventions , 9-11 September, 2014	ICAR, Jharnapani	State Level Program
9	Field trip as group communication method	Training for ATMA functionaries, April 24,2015	SAMETI, Medziphema	State Level Program
10	Instructional aids to computer	Training for ATMA functionaries, April 24	SAMETI, Medziphema	State Level Program
11	Issues of climate change and measures to be adopted	Training for ATMA functionaries, June, 29,2015	SAMETI, Medziphema	State Level Program
12	Farm journalism and photography	Training for ATMA functionaries, Feb, 15-16,2018	SAMETI, Medziphema	State Level Program
13	Need for gender mainstreaming	Training for ATMA functionaries, August, 22,2018	SAMETI, Medziphema	State Level Program
14	Entrepreneurship development	Training for ATMA functionaries,	SAMETI, Medziphema	State Level Program

	among rural	August, 22,2018		
	women			
15	Agricultural	Training for ATMA	EEI Jorhat	North East Region
	marketing scenario	functionaries		0
	in India & Modern	3 sessions : 9th		
	Marketing	March , 12 <sup>th</sup> Oct and		
	Methods with	16 <sup>th</sup> Nov 2022		
	special reference			
	to NE states			
16	Role of FPOs/	Training for ATMA	SAMETI	State Level Program
	FPCs in	functionaries	Nagaland	C
	Agricultural	Dec 07, 2022		
	Marketing			

### **Team leadership / Programme Organiser**

- 1. **Convenor** of the Silver Jubilee Farmers' Fair & Exhibition Committee; Farmers' Interactive session at SASRD, Medziphema, 2003.
- 2. **Joint Secretary** of the Organising Committee of the Seminar on "Technology For Improving Agricultural productivity in Nagaland", 11th October 2003.
- 4. **President**, of the Organising Committee of the National Seminar on "Impact of Agricultural technology on socio economic development of rural community." 27<sup>th</sup> October 2007.
- 5. **Team Leader** of the NREGA Project sponsored by UNDP for Impact assessment in Mon and Wokha District , 2009.

6. **Team Leader** of the exposure trips of 25 SHG groups from the remotest Village , Longwa bordering Myanmar, under Mon District of Nagaland consecutively in the year 2008 & 2009.

**7. As Team Manager led the team** of NU: SASRD students for active participation in 12<sup>th</sup> Agri-Unifest, at Anand Agril. University, Anand, Gujrat, jan 17-21, 2011.

8. Convener, exhibition on 'Innovations of Grassroots Innovators' during NU Convocation 2015 at NU: SASRD.

9. **Convener,** Organizing committee, State level workshop on 'Climate Smart Agriculture', 20-21 March, 2017 at Deptt of Agri. Ext. NU: SASRD.

10. **Convener cultural & Volunteer committee**, National seminar on 'Crop protection: Current trends and future perspective', 16-18 Nov, 2017.

11. Convener, Exhibition cum farmers' interaction committee during National symposium on ' spices for doubling farmers' income', SYMSAC –IX , 15-17 March 2018, NU : SASRD.

12. Convener, Ist International Extension Education Congress scheduled on Dec 18-20, 2023, Jaipur, Rajasthan