

PROFORMA OF FACULTY PROFILE



Name : **PAULINE ALILA**
Current designation : **Professor**
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Dimapur, Nagaland**

Contact No : **9436012736 / 9436060686**

Date of joining the institution : **29 Oct 1999**

Education : **B Sc (Ag), M Sc (Ag) Hort., Ph D (Pomology)**

Academic experience : **19 years of teaching Post Graduate and Under Graduate with Research and Extension**

Research areas/field of specialization

- M. Sc (Ag) Horticulture thesis research was on, “**Studies on some aspects of propagation with special reference to jackfruit (*Artocarpus heterophyllus* Lamk.)**”
- Ph. D (Hort) Pomology thesis programme was on, “**Studies on varietal performance, nutrient management and improvement of fruit quality by plant bio-regulator on papaya (*Carica papaya* L.) under the agro-ecological conditions of Nagaland**”
- Post-harvest studies: Shelf life alterations and bio-chemical changes
- Utilization and possibility in commercialization of some lesser known/ underutilized fruit crops

Teaching areas

- Fundamentals of horticulture
- Growth and development of horticultural crops
- Production technology of fruit crops
- Advances in growth regulation of fruit crops
- Temperate fruit crops
- Plant biodiversity and conservation
- Nutrition of horticulture crops
- Propagation and nursery management of horticultural crops
- Protected horticulture

Publications

Books

<i>Sl. No.</i>	<i>Author(s)</i>	<i>Year</i>	<i>Title</i>	<i>Publisher</i>	<i>ISBN number</i>
1	Pauline Alila , C S Maiti, S Naleo and A Sema	2018	Sustainable Horticulture	Today & Tomorrows' Printers and Publishers, New Delhi	81-70196018
2	R C Gupta, L N Kakati, S K Singh, Pauline Alila , Temjenzulu, Tiatoshi Jamir and M K Ezung	2017	Book of Abstracts – 1994 to 2014, Nagaland University	The Registrar, Nagaland University (Central) Hqs. Lumami	
3	V B Singh, K. Akali Sema and Pauline Alila	2006	Horticulture for Sustainable Income and Environmental Protection, Vol 1	Concept Publishing Company, New Delhi	81-8069-221-3

Book Chapters

<i>Author(s)</i>	<i>Year</i>	<i>Title of book chapter/book</i>	<i>Publisher</i>	<i>Page No.</i>
S. P. Kanaujia, C S Maiti and Pauline Alila	2018	'Organic farming of vegetable crops for sustainability'/ <i>Sustainable Horticulture</i>	Today & Tomorrows' Printers and Publishers, New Delhi	81-70196018 Chapter No 6: 57-76.
Nuksungla Walling, S. P. Kanaujia, Pauline Alila and M B Sharma	2018	'Performance of various genotypes of okra under foot hill condition of Nagaland'/ <i>Sustainable Horticulture</i>	Today & Tomorrows' Printers and Publishers, New Delhi	81-70196018, Chapter No 14: 141-151.
Shurhozenuo Naleo, Pauline Alila , C.S.Maiti, L. Hemanta and H.P. Chaturvedi	2018	'Morphological variability in passionfruit grown in Nagaland'/ <i>Sustainable Horticulture</i>	Today & Tomorrows' Printers and Publishers, New Delhi	81-70196018, Chapter No 11: 117-124.
Moakala, S. P. Kanaujia, C.S. Maiti and Pauline Alila	2018	'Integrated nutrient management in vegetables for boosting productivity'/ <i>Sustainable Horticulture</i>	Today & Tomorrows' Printers and Publishers, New Delhi	81-70196018, Chapter No 25: 267-345.
Pauline Alila (eds. S.G. Valavi, K.Rajmohan, J.N.Govil, K.V. Peter)	2012	Sustainable Horticulture, 'Mango in the eastern and north eastern states of India' Sustainable Horticulture,	Studium Press (India) Pvt. Ltd. 4735/22, 2nd Floor, Prakash Deep Building, Daryaganj New Delhi	28 -41
Pauline Alila and D. Sanyal (eds. S.G.Valavi, K.V. Peter & G. Thottappilly)	2010	'Jackfruit in Northern and Eastern India' <i>The Jackfruit</i> ,	Studium Press (India) Pvt. Ltd. 4735/22, 2nd Floor, Prakash Deep Building, Daryaganj New Delhi	409 - 420
A.K. Srivastava, Shyam Singh and Pauline Alila (ed. A.	2008	'Metallo-enzymes in Nutrient Constraints Diagnosis in Citrus:	Scientific Publishers, India	374-388

Hemantaranjan)		Emerging Trends” <i>Advances in Plant Physiology</i> Vol. 10,		
Pauline Alila (Eds CEC-NUTA)	2006	“Waste Utilization of Horticultural Crops” <i>Economic Development in Nagaland-Prospects and Constraints</i>		157-162
V.B. Sharma; V.K. Vidhyarthi, Pauline Alila , P.L. Singh and P. Narola (eds. C. Joshua Thomas and Gurudas Das)	2002	“Constraints of Agricultural and Livestock Development in Nagaland” <i>Dimensions of Development in Nagaland</i>	Regency Publications, 20/36-G, Old Market, West Patel Nagar, New Delhi 110008	123-136

Publications in Journals

Sl. No.	Author(s)	Year	Title	Name, Volume and page number
1	Ndang, M., Pongener, K.A., Alila, Pauline	2017	Management of nutrient constraints in passionfruit (<i>Passiflora edulis</i> Sims.)	Acta Horticulturae 1178. 4, ISHS:25-30
2	Imliwabang and Alila, Pauline	2017	Germination studies on passionfruit cultivars with diferent pre-sowing seed treatments	Acta Horticulturae 1178. 7, ISHS:25-30:41-46
3	Pongener K A and Alila, Pauline	2015	Nutrient profile of passionfruit leaf and fruit as influenced by integrated plant nutrient management	Annals of Plant and Soil Research 17 (3): 318-322
4	Imliangla Imchen, Alila, Pauline and R.R. Bhaggawati	2013	Biochemical changes in developing tamarillo (<i>Cyphomandra betacea</i> [Cav] Sendt) fruits	The Horticulture Journal, 26 (1&2): 16-20
5	Edenly Chishi and Pauline Alila	2013	Role of potassium and planting time on growth, flowering and vase life of tuberose cv. Double	Nagaland University Research Journal, 6 : 4: 40-45
6	Pauline Alila and Achumi, I	2012	Pre-harvest chemical treatments affect post harvest quality of litchi fruit	Acta Horticulturae 934, ISHS: 755-761
7	Pauline Alila and K A Pongener	2012	Integrated nutrient management of passionfruit on alfisol	Acta Horticulturae 928, ISHS: 155-162
8	Dzesevizo Dzüvichü and Pauline Alila		Effect of pre-conditioning and auxin treatments on air layering in litchi cv. Muzzafarpur	<i>Nagaland Univ. Res. J.</i>
9	Megokhono Meyase and Pauline Alila	2008	Varietal performance of gerbera (<i>Gerbera jamesonii</i> Bolus)” under the foothill conditions of Nagaland.	<i>The Hort. J.</i> 21 (3) : 13-139
10	Pauline Alila and AK Srivastava	2008	Slow release fertilizer and citrus: emerging facts.	Agric. Rev. 29 (2): 99-107
11	Pauline Alila and Srivastava, A.K.	2006	Modelling nutrient requirements for citrus orchards of Nagaland in relation to yield	Proceedings, National Symposium on Citriculture: A Road Map, 100-106
12	Singh, I.P. and Pauline Alila	2006	Citrus biodiversity of Nagaland	Proceedings, National Symposium on Citriculture: A Road Map, 67-71
13	A K Srivastava and	2006	Leaf analysis interpretation in	Tropical Agricultural

	Pauline Alila		relation to optimum yield of khasi mandarin (<i>Citrus reticulata</i> Blanco).	Research & Extension 9 : 8-16
14	Pauline Alila, D Sanyal and A Sema	2005	Responses of papaya cv. Ranchi to micro nutrient application.	The Hort. J. 18 (2) : 121-125
15	Pauline Alila, D Sanyal and K A Sema	2004	Influence of micro-nutrient application on quality of papaya cv. Ranchi.	Haryana J. Hort. Sci. 33 (1&2) :25-26
14	Pauline Alila, D Sanyal and T A Sema	2003	Effect of NPK on the growth, flowering, yield and yield attributes in papaya (<i>Carica papaya</i> L.).	Crop Res. 26 (3): 462-467
15	Pauline Alila, S Chiesotsu, PL Kar and D Sanyal	2000	Influence of growth regulators and etiolation on air layering in jackfruit.	The Hort J 13 (2): 9-13
16	Pauline Alila, D Sanyal and PL Kar	1997	Propagation of jackfruit by mound layering.	Crop Res. 14 (3): 433-436
17	Kar, P.L., Sanyal, D. and Pauline, Alila	1993,	Effect of stool size and growth regulators on bud sprouts and adventitious root initiation of mound layers in jackfruit (<i>A. heterophyllus</i> Lamk.)	Golden Jubilee Symposium, Horticultural Research – Changing Scenario,

Other publications (Practical manuals/ Reports, etc. with year of publication)

Sl. No.	Title	Suitable for UG/PG degree programmes	Name and Address of the Publishers	Year of Publication	Author / Co-Author / Editor
1	Production Technology of Fruit Crops (HOR 101)	B.Sc. (Hons.) Ag	Dean, SASRD: Nagaland University	2017, 2015 2010 & 2008	Pauline Alila and C.S. Maiti
2	Production technology of Spices, Aromatic medicinal and Plantation Crops (HOR 202)	B.Sc. (Hons.) Ag	Dean, SASRD: Nagaland University	2017,2013, 2010 & 2008	Pauline Alila and S.P. Kanaujia
3	Passionfruit a high potential crop for the north east India	Popular article	Hill Agri	2015	Pauline Alila
4	Agricultural technology transfer through Farmers' Cell, NU, SASRD	Popular article	Hill Agri	2014	Pauline Alila
5	Thoughts on environment	Popular article	Hill Agri	2013	Pauline Alila
6	Production technology of Naga chilli	Popular article	Hill Agri	2012	Pauline Alila
7	Genetically modified crops: food for thought	Popular article	Hill Agri	2011	Pauline Alila
	Package of practices of papaya (<i>Carica papaya</i> L)	Popular article	Horticulture Newsletter 1 (1)9-10	2006	Pauline Alila
	Organic Farming	A Newsletter update on the year of farmers 1 (1)	The Jhum 1(1) 10-11	2007	Pauline Alila
	Growing Passionfruit	Popular article	Horticulture Newsletter 1 (1) 10-11	2006	Pauline Alila

	Perspectives on Hill Agriculture	Popular article	Silver Jubilee Souvenir (1980-2005) 21-24	2005	Pauline Alila
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Folders

Sl. No.	Title	Year	Author
1	Large Cardamom cultivation in Hills (<i>Bi-lingual</i>)	2012	Pauline Alila and Chingin Konyak
2	Potato cultivation in Mon district of Nagaland (<i>bi-lingual</i>)	2011	Pauline Alila
3	Air layering	2010	Pauline Alila
4	High altitude vegetable calendar	2010	Pauline Alila
5	Low altitude vegetable calendar	2010	Pauline Alila

Handling of research/ development project/ consultancy (recent to old)

Sl. No.		Title	Funding Agency	Duration	Completed / on going
1	In – charge	Cashew production and Promotion (NEHR)	ICAR – Directorate of Cashew Research	2014	On going
2	Co- ordinator	Remedial Coaching for SC/ST/OBC/Minority Community Students	UGC	2014-2017	Completed
3	Co-operating scientist	National Agricultural Innovation Project (NAIP), “Livelihood improvement and empowerment of rural poor through sustainable farming system in NE India”	World Bank	2007-2013	Completed
4	Technical consultant	HTM (Passionfruit) Nagaland	Department of Horticulture, Nagaland		
5	Principal investigator	Evaluation of Agricol and Chemibor-P for growth, yield and quality of Khasi mandarin	Raj Industries , 40-44A, Dheeraj Heritage, S.V. Road, Mumbai	2007-2009	completed

Research guidance

Sl. No.	Topic of thesis	Name of student	Degree	Year of award
1	Studies on integrated nutrient management and storage of bulbs in liliun var. Brindisi	Imchalemla Walling	Ph D	2016
2	Effect of planting season, organic management and shelf life of Gerbera	Rokolhu-u Kreditsu	Ph D	2014
3	Studies on reproductive growth, physico-chemical changes and post-harvest life studies on Tamarillo	Imliangla Imchen	Ph D	2013

4	Effect of various levels of IBA and stem cutting sizes on regeneration of dragon fruit	Malsawmikimi	M Sc (Ag)	2018
5	Effect of various nutrient sources on the vegetative growth of dragon fruit	H Ringphawan	M Sc (Ag)	2018
6	Evaluation of different genotypes of garden pea (<i>Pisum sativum</i> L) under foothills condition of Nagaland	Thejavinuo Mepfuo	M Sc (Ag)	2017
7	Effect of different pre-sowing seed treatments on germination of passionfruit	Taba Yal	M Sc (Ag)	2017
8	Effect of different levels of nitrogen and potassium on the growth, yield and leaf nutrient content of pepino (<i>Solanum muricatum</i> Ait.)	Jeni Debberma	M Sc (Ag)	2016
9	Effect of pruning time on rejuvenated growth on cashew plants	Viewo-o Koza	M Sc (Ag)	2016
10	Influence of different levels of nitrogen and potassium on growth, yield and uality of pepino (<i>Solanum muricatum</i> Ait.)	Pronomi Sangma	M Sc (Ag)	2015
11	Study on floral biology of passionfruit (<i>Passiflora</i> spp)	Daniel Konyak	M Sc (Ag)	2015
12	Influence of some bio-extracts and other treatments on storage life of Khasi mandarin (<i>Citrus reticulata</i> Blanco)	Avungthung Ngullie	M Sc (Ag)	2015
13	Effect of INM in pepino using different nutrient sources	N Chingin	M Sc (Ag)	2014
14	Standardization o harvest index in pepino (<i>Solanum muricatum</i> Ait.)	Aghali Ayemi	M Sc (Ag)	2014
15	Germination studies on passionfruit varieties with different pre-sowing seed treatments	Imliwabang	M Sc (Ag)	2013
16	Post harvest studies on mango cv. Dashehari influenced by fruit orientation and packaging methods	Vinatoli K Yeptho	M Sc (Ag)	2013
17	Production and quality of litchi cv. Muzzafarpur as affected by girdling and branch orientation on canopy	Imliakum Ao	M Sc (Ag)	2012
18	Physico-chemical changes in passionfruit cv. Kaveri due to light intensity at harvest and modified atmosphere packaging on storage	Imlirena Longkumer	M Sc (Ag)	2011
19	Influence of different organic input sources on the production and quality of passionfruit cv. Kaveri	Mapeuhele Ndang	M Sc (Ag)	2011
20	Effect of time of harvest and modified storage conditions on shelf life and quality of passionfruit cv. Kaveri	Kiachang	M Sc (Ag)	2010
21	Effect of different organic sources of input on yield and quality of passionfruit cv. Kaveri	Kitoho Micheal Swu	M Sc (Ag)	2010
22	Propagation studies in passionfruit cv. Kaveri	Peleneilhou Patrick	M Sc (Ag)	2009
23	Integrated plant nutrient management on the growth, yield fruit quality and leaf nutrient composition in passionfruit cv. Kaveri	Azungla K Pongener	M Sc (Ag)	2009
24	Standardization of maturity index and its influence on storage life of passionfruit cv. Purple	Rokoshüno Anela	M Sc (Ag)	2008
25	Effect of pre-harvest application of chemicals on storage of litchi fruits cv. Muzzafarpur	Illika V	M Sc (Ag)	2007
26	Influence of polyethylene packaging and storage condition on quality and shelf life of litchi (<i>Litchi chinensis</i> Sonn.) fruit	T. Eluba	M Sc (Ag)	2006
27	Study on the integrated nutrient management on banana cv. Dwarf Cavendish	Lanusenup Aier	M Sc (Ag)	2006
28	Varietal performance of gerbera (<i>Gerbera jamsonii</i> Bolus) under foothill conditions of Nagaland	Megokhono Meyase	M Sc (Ag)	2006

29	Pre-conditioning and auxin treatments on air-layering in litchi cultivars	Dzesevizo Dzüvichü	M Sc (Ag)	2005
30	Influence of planting time and levels of potassium on growth and flowering of tuberose (<i>Polianthus tuberosa</i> L) cv. Double	Edenly Chishi	M Sc (Ag)	2005
31	Studies on intercropping effect on banana cvs. Dwarf Cavendish and Semi-Tall Cavendish	Golda R Momin	M Sc (Ag)	2003
32	Effect of some bio-regulators on sex-expression of some cucumber cultivars	Imliangla Imchen	M Sc (Ag)	2002

Seminar/ Conference attended

Participation in Training

1. National training course on “**Smart packaging Techniques for shelf life enhancement and retention of Bioactive Compounds in food**” 11-24 October 2011 at CIPHET, Ludhiana.
2. Short course on “*Advances in tropical and sub-tropical fruits for export orientation*”. 1st to 10th Aug, 2005, BCKVV, Kalyani, Nadia, W.B.
3. Short course on “*Research and Development in Post Harvest Practices in Agriculture*” 19th Nov-22nd Nov 2007 held at Guwahati, Assam, organized by NEDFi in collaboration with MASHAV and CINADCO, Israel
4. **Orientation programme** – UGC Gauhati University, 27th Feb. to 28th March 2005, Guwahati, Assam
5. Winter School on “*Recent Trends in Nursery Production of Sub-Tropical Fruits*” from 7th – 27th Nov. 2002, at G.B. Pant University of Agriculture & Technology Pantnagar, US Nagar, U.P.

Participation in Seminar/Symposium/Workshop

Sl. No.	Title of lecture/academic session	Conference/seminar/symposia /workshop	Year	Organized by
	Large cardamom cultivation practices	Seminar on Spices	20-21 February 2015	Spices Board India & Department of Horticulture, Nagaland University, Medziphema
	Package of practices of vegetable crops under high altitude condition	Cultivation practices of winter vegetable crops for FIGS under National Vegetable Initiative for Urban Clusters	2015	Horticulture Department, Govt. of Nagaland
	Agricultural Education and Rural Development	Education induced development		Education Department, St. Joseph's College, Jakhama

	Women in Agriculture	Naga women: Issues and Challenges and the way Forward		Women Studies Centre, Nagaland University, Meriema Campus, Kohima and State Resource Centre for human rights and Human rights Law network, Nagaland
	Horticulture expert	Farmers-Scientist Interaction	2015	Farmers' Cell NU, SASRD, Medziphema
	Production and quality of litchi as affected by girdling and fruit orientation on canopy (Best poster)	Sustainable Horticulture vis-à-vis changing environment	26-28 Feb 2015	Horticulture Society of North East India and Department of Horticulture, NU, SASRD, Medziphema
	Effect of integrated nutrient management on the growth and flowering of liliun var. Brindisi (Best poster)	Sustainable Horticulture vis-à-vis changing environment	26-28 Feb 2015	Horticulture Society of North East India and Department of Horticulture, NU, SASRD, Medziphema
	Morphological variability in passionfruit grown in Nagaland	Sustainable Horticulture vis-à-vis changing environment	26-28 Feb 2015	Horticulture Society of North East India and Department of Horticulture, NU, SASRD, Medziphema
	Empowering Naga Women in Agricultural Markets	Global Conference on Women in Agriculture	2012	ICAR & APAARI
	Raja Chilli cultivation	SBI Hariyali Ganga	01-02-2010	SBI, Regional Business Office, Dimapur, ICAR & NRCM, Jharnapani, Medziphema, Nagaland
	Horticulture diversity in Nagaland	Protection of Plant varieties and Farmers Rights Act	14-09-2009	PPV & FRA, Govt. of India & ICAR, Jharnapani, Medziphema, Nagaland
	Scientific management of ratoon banana crop	Banana production	28 March – 1 April 2008	Indian Society of Agribusiness Professionals (ISAP) Greater Kailash Part – 1, New Delhi & SASRD, Medziphema
	Cluster development of small farmers for economic development	Cluster based training for JFMC Members	25-09-2007	MSME-DI, Dimapur, IIE, Guwahati & JEAN Dimapur
	Techniques in passionfruit cultivation	Foundation day cum seminar	09-02-2007	Passionfruit Growers Association, Mokokchung
	Citrus biodiversity in Nagaland	National Symposium on Citriculture: A Road Map	22-24 Feb, 2006	ICAR Complex, Umiam, Meghalaya
	Modelling nutrient requirements in citrus	National Symposium on Citriculture: A Road Map	22-24 Feb, 2006	ICAR Complex, Umiam, Meghalaya

	in relation to yield in orchards of Nagaland			
	Steps in rejuvenation of citrus –disease and pest management	Training on rejuvenation of declining citrus orchards under technology mission (MM-1) for officers	8-10 Dec, 2006	NRCC, Nagpur, at Citrus Research Station, Assam Agriculture University, Tinsukia, Assam.
	Training, pruning, crop regulation, off season fruiting in tropical fruits	ToT programme	4-6 Oct 2006	CIH, DAE, Ministry of Agriculture, Govt of India
	Passionfruit cultivation	ToT programme	20-23 Sept 2006	CIH, DAE, Ministry of Agriculture, Govt of India
	Production technology of under utilised fruit: passionfruit	ToT programme	26-27 May 2006	CIH, DAE, Ministry of Agriculture, Govt of India
	Preservation of locally available fruits and vegetables	Skill building and entrepreneurial development programme at Thonoknyu Town	6-8 Nov. 2006	sponsored by DUDA., Nagaland and organized by Farmers' Cell Nagaland University and NIDC., Nagaland
	Understanding tissue culture	Workshop on mass multiplication by tissue culture for NGO's and farmers	1-2 Nov., 2006	Sponsored by NEC and organized by SASRD, NU, Medziphema
	Preparation of jam, squash and pickle	Training cum demonstration programme at Youngom village, Longleng district	26-27 Sept 2006	Farmers' Cell, SASRD, NU, Medziphema
	Cultivation practices of Khasi mandarin	Training on cultivation of Fruit crops, Mukhami village, Zunheboto District, Nagaland	11 Aug 2006	Department of Horticulture, Govt. of Nagaland,
	Preparation of Jam and Squash	Preservation on locally available fruits and vegetables and Mushroom cultivation	27-28 July 2006	Sponsored by NEC and organized by SASRD, NU, Medziphema
	Importance of preservation and demonstration on home scale preservation	Home Scale Preservation, Dimapur	10 June 2006	Nagaland University, EDDB, Purana Baar, Dimapur
	Cultivation practices of citrus, banana and mango	Farmers training at Ganeshnagar	11-12 May 2006	Organised by C-CERP, Burma Camp, Dimapur
	Demonstration on Preservation techniques of fruits and vegetables	Capacity Building Training Programme for Rural Self Help Group at Sanis Block, Wokha District	13 April, 2006	Organised by Rural Development Department, Government of Nagaland
	Package and practices of Passionfruit cultivation	Farmers Conference at Mokokchung	11-12 April, 2006	Organised by Department of Horticulture, Government of Nagaland

	Package and practices of Passionfruit cultivation	Farmers Conference at Phek	21-22 Feb 2006	Organised by Department of Horticulture, Government of Nagaland
	Demonstration on Preservation techniques of fruits and vegetables	Awareness and Capacity building at Pangty village, Wokha district	28-29 Oct 2005	Farmers' Cell, SASRD, NU, Medziphema
	Waste utilization of Horticultural crop for Economic Upliftment	Economic Development in Nagaland-Prospects and Constraints	3 rd to 4 th Dec 2005	CEC-NUTA, Nagaland University, hq Lumami
	Effect of different NPK levels on growth and yield of papaya	First Indian Horticulture Congress – 2004	6 th – 9 th Nov. 2004	Horticulture Society of India, IARI, New Delhi – 110012.
	Quality of Papaya cv. Ranchi, as affected by the macro and micro-nutrients application	National Seminar on “Horticulture for Sustainable Income and Environmental Protection”	24 th to 26 th Feb, 2004	Horticulture Society of North East India and Department of Horticulture, NU, SASRD, Medziphema
	Demonstration on Preservation techniques of fruits and vegetables	Home Scale Preservation of locally available Fruits and Vegetables	5-7 Aug 2004	Department of Horticulture, SASRD, NU, Medziphema
	Consultation Workshop	International Year of Mountains 2003	30 th Dec. 2003	GB Pant Institute of Himalayan Environment and Development.
	Participant	Use of Plastics in Agriculture	28 th to 29 th Nov. 2000.	AAU, Jorhat, Assam.
	Participant	Integrated Nutrient Supply Management System and Fertilizer Orientation Programme	21 st and 22 nd May 1999	SASRD, Nagaland University, Medziphema, Nagaland
	Participant	PRERAK Training course	16 th to 20 th Sept. 1996	Ministry of Food, Govt. of India
	Consultative workshop	State Level Workshop on Research-Extension Linkage	Feb, 2001	Directorate of Agriculture, Govt. of Nagaland
	Lectures on horticultural crops and aspects	State Level Refresher Course for Inspectors and VEW	21 days programme, 1998	Integrated Education Training Centre, Department of Agriculture, Govt. of Nagaland
	Volunteer in Statewide Teacher Training Programme	Environment Education in Schools,	29 th Sept to 1 st Oct, 1988	SASRD, North Eastern Hill University

Any other information

1. **Member, Joint Inspection Team** under the convenorship of Shri R K S Rathore, Chief Consultant (HTM-NE) on their visit to Nagaland State during 28 Jan-2 Feb., 2011

2. Editor, *Horticulture Newsletter* vol. **2&3** (2008) a yearly publication of Horticulture society of North East India, Department of Horticulture, SASRD, Medziphema Campus, Nagaland University, Medziphema 797 106

Awards

Best poster award for “Modelling nutrient requirements for citrus orchards of Nagaland in relation to yield” in National Symposium on Citriculture: A Road Map during 22nd -24th Feb 2006, ICAR complex Umiam, Meghalaya.

Third best poster award for “Citrus biodiversity of Nagaland” in National Symposium on Citriculture: A Road Map during 22nd -24th Feb 2006, ICAR complex Umiam, Meghalaya.

‘Environmentalist of the year award 2006’ by National Environmental Science Academy, Alaknanda Community Centre, New Delhi - 110 019

“Falodhyan Senani” awarded by National Magnum Honour Award 2002 by Magnum Foundation India in 2007

Signature

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