

Curriculum vitae
JIMMY YEBJENY YUMNAM
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CAREER OBJECTIVE: To work, learn and experience, as to emerge as a successful person.

ACADEMIC QUALIFICATIONS:

Qualification	University/Board	Institution	Year of Passing	Result
Ph.D.* (Department of Forestry)	NERIST, Nirjuli	NERIST, Nirjuli	2012	Ph.D Awarded
M.Sc (Botany) Specialization in Forest Ecology and Plant Pathology.	Kumaun University, Nainital	D.S.B. Campus, Nainital	2005	1 st class (Topped D.S.B. Campus)
B.Sc. (Botany Honours) Subsidiary papers - Zoology and Chemistry.	Manipur University, Imphal	D.M. College of Science, Imphal	2001 (2003)	1 st class 1 st (Gold Medalist)
H.S.S.L.C (Sc.)	Council of Higher Secondary Education Manipur, Imphal	John Stone Higher Secondary School, Imphal	1998	1 st division
H.S.L.C.	Board of Secondary Education Manipur, Imphal	Don Bosco High School, Imphal	1996	1 st division

* Topic of the Ph.D. thesis – “Inventory, Conservation and Sustainable Utilisation of Agrodiversity at Agricultural Landscape in East Siang District of Arunachal Pradesh, Eastern Himalaya”

OTHER QUALIFICATION:

- DCA (Diploma in Computer Application) from L.C.C., Imphal Center, Imphal.

ACHIEVEMENTS / AWARDS:

- Recipient of **Gold Medal (Elangbam Iboton Singh Memorial Gold Medal) for securing First Class First position in B.Sc. Hons (Botany), 2001 (2003) examination of Manipur University.** (Award announced in December 2003).
- **Topped D.S.B. campus in M.sc Botany, 2005 examination of Kumaun University.**
- Recipient of the prestigious **Schlich Prize of Indian Forester for the year 2009** for the research paper entitle “**Status and distribution pattern of Rhododendron species in temperate and sub-alpine hill ranges of Mount Esii and surrounding in Manipur and Nagaland, India**” (Published in July, 2009 issue). (Award announced in February 2011).

PUBLICATIONS:

- **Papers in Journals (National/International):**

- J.Deka, **J.Y.Yumnam**, P.Mahanta and O.P.Tripathi. **Improvement in estimation of above ground biomass of *Albizia lebbek* using Fraction Reflectance of Landsat TM Data.** *International Journal of Plant and Environment*, 1(1):99-105, 2015.
- **J.Y.Yumnam.** The effect of seed weight and size on germination and growth of *Parkia Timoriana* (DC.) Merr. (Syn. *P. roxburghii* G. Don), a multipurpose tree and a delicious vegetable of Manipur, India. *International Journal of Current Research*, 7(9):20744-20749, 2015.
- **J.Y.Yumnam**, O.P. Tripathi & M.L. Khan. **Soil dynamic of agricultural landscape in East Siang District of Arunachal Pradesh, Eastern Himalaya.** *African Journal of Plant Science*, 7(1):43-52, 2013.
- **J.Y.Yumnam & O.P.Tripathi.** **Ethnobotany: Plants use in fishing and hunting by *Adi* tribe of Arunachal Pradesh.** *Indian Journal of Traditional Knowledge*, 12 (1): 157-161, 2013.
- **J.Y.Yumnam** and O.P.Tripathi. **Traditional knowledge of eating raw plants by the *Meitei* of Manipur as medicine/nutrient supplement in their diet.** *Indian Journal of Traditional Knowledge*, 11 (1): 45-50, 2012.
- S.Kaliamoorthy, A.A.Mao, **J.Y.Yumnam**, R.A.Ranyaphi, Jayashankar Das, Sanjay Gupta, Athili James, and LI Chanu. **Effect of ericoid mycorrhizal inoculums and plant growth regulators on the establishment of stem cuttings and in vitro developed seedlings of Indian Rhododendron.** *Mycorrhiza News* 23 (4): 11-15, 2012.
- **J.Y.Yumnam**, S.I.Bhuyan, O.P.Tripathi & M.L.Khan. **Study on Ethno-medicinal plants used by *Adi* tribe of East Siang District, Arunachal Pradesh.** *Journal of Economic and Taxonomic Botany*, 35 (2): 369-377, 2011.
- **J.Y.Yumnam**, S.I.Bhuyan, M.L.Khan & O.P.Tripathi. **Agro-diversity of East Siang - Arunachal Pradesh, Eastern Himalaya.** *Asian Journal of Agricultural Sciences*, 3(4): 417-426, 2011.
- A.A.Mao, S.Kaliamoorthy, R.A.Ranyaphi, Jayashankar Das, Sanjay Gupta, James Athili, **J.Y.Yumnam** and L.I. Chanu. ***In vitro* micropropagation of three rare, endangered and endemic rhododendron species of North East India.** *In Vitro Cellular and Developmental Biology – Plant*, 47: 674–681, 2011.
- A.A.Mao, **J.Y.Yumnam**, R.Gogoi and A.Pinokiyo. **Status and distribution pattern of Rhododendron species in temperate and sub-alpine hill ranges of Mount Esii and surrounding in Manipur and Nagaland, India.** *The Indian forester*, 135(7): 880-890, 2009.
 - (Awarded Schlich Prize for the year 2009 by Indian forester).

- **Correspondence Papers in Journals (National/International):**

- **J.Y.Yumnam** and O.P.Tripathi. **A unique way of using washcloth dyed with bixin by the *Meiteis* of Manipur.** *Current Science*, vol. 102(12): 1621, 25 June 2012.
- **J.Y.Yumnam** and O.P.Tripathi . **Rhododendrons in Manipur need attention.** *Current Science*, vol. 99(9): 1165-1166, 10 November 2010.

- J.Y.Yumnam. **Rhododendrons in Meghalaya need attention.** *Current Science*, 95(7): 817, 10 October 2008.
- J.Y.Yumnam. **Rich biodiversity of Northeast India needs conservation.** *Current Science*, 95(3): 97, 10 August 2008.

- **Papers in Proceedings:**

- **J.Y.Yumnam** and O.P.Tripathi. **Shifting cultivation in North Eastern India – an issue.** In proceeding of National Seminar: Plant Diversity Resources of Indo-Burma Biodiversity Hotspot and their Conservation (Eds. Singh EJ, Singh SM & Pinokiyo A), DM College of Science, Imphal and Science Teachers Forum, Manipur. ISBN: 978-81-923918-2-3. Pp. 273-278.
- **J.Y.Yumnam** and O.P.Tripathi. **Woody species diversity and population structure of certain threaten tree species in a subtropical forest of Meghalaya, NE India.** In Symposium proceedings: Biodiversity status & conservation strategies with reference to NE India (Ed. Varatharajan, R.), Published by CAS in Life Sciences, Manipur University (2012). ISBN: 978-81-923343-1-8. Pp. 36-43.

- **Paper also presented**

- O.P.Tripathi, **J.Y.Yumnam** and S.I.Bhuyan. **Social forestry and Alleviate Poverty: A review.** In reading material of the training programme ‘Management of Social Forestry for Sustainable Livelihood’ (Ed. Singh B) 25th – 30th April, 2011. Pp. 8 – 17. National Institute of Rural Development, North eastern Regional Centre, Guwahati, Assam.
- **J.Y.Yumnam** and S.I.Bhuyan. **Sustainable community-based and rural tourism.** In processing of workshop cum training programme on ‘Ecitourism, Community-based tourism and Rural tourism in Arunachal Pradesh’ (Eds. Tripathi OP, Singha LB & Khan ML) 24th – 26th April, 2010. Pp. 55-62. NERIST, Arunachal Pradesh.
- O.P.Tripathi, **J.Y.Yumnam** and S.I.Bhuyan. **Technology transfer: Care and concern for rural people.** In proceeding of national seminar ‘Transformation in rural economy of North East hills regions in India: Status, determinant and prospects’ (Eds. Singh,B. and Seetharaman, S.) 7th – 8th May, 2010. Pp. 132 – 139. National Institute of Rural Development, Guwahati, Assam.
- **J.Y.Yumnam**, O.P.Tripathi and M.L.Khan. **Comparative analysis of two most important agroforestry systems in Meghalaya.** In proceeding of national seminar ‘Agroforestry for Socioeconomic development of North Eastern Region’ (Eds. Singh, B. et. al.) 11th – 12th Dec., 2009. Pp. 40 – 54. NERIST, Arunachal Pradesh.

- **Paper also presented**

- **Abstracts:**

- **J.Y.Yumnam** and O.P.Tripathi. **Shifting cultivation in North Eastern India – an issue.** In abstract volume of National seminar on ‘Plant diversity resources of Indo-Burma biodiversity hotspot and their conservation (PLANTBIOCON)’ 16th – 17th April 2012, p. 97. Department of Botany, D.M. College of Science, Imphal, Manipur.
- **J.Y.Yumnam**, J. Deka, P. Mahanta and O.P.Tripathi. Spectral mixing of landsat TM data for sub-pixel level biomass estimation of *Albizia Lebbeck* (L) Benth. Of tea garden: A case study of Lakhimpur district, Assam. In abstract volume of ‘International conference on global ecosystems, biodiversity and environmental sustainability in the 21st century’ 15th – 17th Feb. 2012, p. 152. Department of Ecology and Environmental Science, Assam University, Silchar.

- **J.Y.Yumnam** and O.P.Tripathi. **Semi-domesticated plants and wild leafy vegetables of East Siang – Arunachal Pradesh, Eastern Himalaya: A source of future food security.** In abstract volume of National seminar on ‘Climate change, development and social transition in Northeast: Impact and issues’ 10th – 12th Nov. 2011, pp. 52-53. Department of Geography, Rajiv Gandhi University, Arunachal Pradesh.

- **Paper also presented**

- S.I.Bhuyan, **J.Y.Yumnam**, O.P.Tripathi and M.L.Khan. **Soil fertility status of two different agro-ecosystems in Mebo, East Siang district of Arunachal Pradesh.** In international seminar on bioresources and human sustenance 20th - 22nd Oct., 2011, p. 54. Department of Zoology, Cotton College, Guwahati, Assam.
- **J.Y.Yumnam**, O.P.Tripathi and S.I.Bhuyan. **Woody species diversity and population structure of few threatened tree species in a subtropical forest of Meghalaya, Northeast India.** In souvenir and abstracts volume of National Symposium on ‘Biodiversity status and conservation strategies with special reference to North-East India’ 17th – 18th March, 2011, p.130. Centre for advanced study in life sciences, Department of Life Science, Manipur University, Imphal.

- **Paper also presented**

- **J.Y.Yumnam**, O.P.Tripathi and S.I.Bhuyan. **A lesson to learn from a tribe of Eastern Himalaya to mitigate climate change.** In abstract volume of International workshop on ‘Biodiversity and climate change’ 19th – 22nd Dec., 2010, pp. 76-77. CORAL, IIT Kharagpur, Kharagpur, West Bengal.

- **Paper also presented**

- **J.Y.Yumnam**, O.P.Tripathi and S.I.Bhuyan. **East Siang district, Arunachal Pradesh: way and source of future food; A scenario.** In abstract volume of national seminar ‘Climate change and sustainable development with reference to India’ 1 – 3 April, 2010, p. 74. Tezpur University, Tezpur, Assam.
- **J.Y.Yumnam**, O.P.Tripathi, S.I.Bhuyan and J. Mondal. **A preliminary study on the agrobiodiversity of East Siang district, Arunachal Pradesh.** In abstract volume of national seminar ‘Biodiversity Conservation’ 4 – 5 March, 2010. Pp. 45 – 46. Assam University, Silchar, Assam.
- S.I.Bhuyan, O.P.Tripathi, M.L.Khan, **J.Y.Yumnam** and J.Mondal. **A survey of traditional crop diversity and its conservation in jhum fields among Adi tribe of Boleng area in East Siang of Arunachal Pradesh.** In abstract volume of national seminar ‘Biodiversity Conservation’ 4 – 5 March, 2010. Pp. 43 – 44. Assam University, Silchar, Assam.

INTERNATIONAL WORK SHOPS/ CONFERENCES/ SEMINARS/ TRAINING PROGRAMMES ATTENDED:

- International workshop on ‘**Biodiversity and climate change**’ organized and hosted by Center for Oceans, Rivers, Atmosphere and Land Sciences, IIT Kharagpur, Kharagpur, West Bengal from 19th – 22nd Dec., 2010.
- “**5th International Canopy Conference 2009**” organised by Ashoka Trust for Research in Ecology and the Environment, Bangalore, India at Bangalore, India from October 25th – 31st, 2009.
- “**Capacity building for Canopy Science Research in India**” jointly organised by Ashoka Trust for Research in Ecology and the Environment, Bangalore, and School of Ecology and Conservation, University of Agricultural Sciences and supported by Indian Academy of Sciences, Bangalore, India at Bangalore, India from October 25th – 31st, 2009.

NATIONAL WORK SHOPS/ CONFERENCES/ SEMINARS/ TRAINING PROGRAMMES ATTENDED:

- Two days workshop on **‘Application of Basic Statistical Tools in Life Science’** organized by internal quality assurance cell (IQAC), Cotton College, Guwahati in collaboration with the Department of Botany, Cotton College, Guwahati from 18th – 19th February, 2016.
- **‘Campus bird count’** as a part of Bird count India conducted at Cotton College State University, Guwahati, Assam from 12th – 15th February, 2016.
- Training programme on **‘Recent Trends in Geospatial Technologies’** conducted by joint collaboration of NESAC, Umiam, Meghalaya and IIRS, Dehradun held at NESAC, Umiam, Meghalaya from 5th – 9th August, 2013.
- Indian Geophysical Union Golden Jubilee Workshop on **‘Holistic Scientific Approach using Integrated Geophysical Studies for the Management of Natural Hazards’** held at NESAC, Umiam, Meghalaya from 22nd – 23rd April, 2013.
- Five days TEQIP sponsored faculty development programme on **‘Remote Sensing and GIS applications in Natural resources Management’** organized by the Department of Agricultural Engineering, NERIST Nirjuli, Arunachal Pradesh from 14th – 18th May, 2012.
- One day workshop on **‘Intellectual Property Rights’** organized by North Eastern Institute of Science and Technology (Deemed University), Nirjuli, Arunachal Pradesh with collaboration with MHRD IPR Chair, Tezpur University at NERIST, Nirjuli, Arunachal Pradesh on 23rd March, 2012.
- 3 – Days conference on **‘The Importance of Intellectual Property Rights (IPR) in Scientific Research & Development’** sponsored by UGC and Manipur Science & Technology Council, Imphal and organized by Imphal College, Imphal from 24th – 26th Feb., 2012.
- National seminar on **‘Climate change, development and social transition in Northeast: Impact and issues’** organized by Department of Geography, Rajiv Gandhi University, Arunachal Pradesh from 10th – 12th Nov., 2011.
- Six days training course on **‘Management of Social Forestry for Sustainable Livelihood’** sponsored by National Institute of Rural Development, North Eastern Region Centre, Guwahati and organized by Department of Forestry, NERIST, Nirjuli, Arunachal Pradesh from 25th -30th April, 2011.
- National Symposium on **‘Biodiversity status and conservation strategies with special reference to North-East India’** sponsored Under Special Assistance Programme of UGC and organized by Centre for advanced study in life sciences, Department of Life Science, Manipur University, Imphal from 17th – 18th March, 2011.
- Three days training programme on **“Ecotourism, Community – based Tourism and Rural Tourism in Arunachal Pradesh”** sponsored by Regional Centre, National Afforestation & Eco-development Board, Shillong and organized by Department of Forestry, NERIST, Nirjuli, Arunachal Pradesh at NERIST, Nirjuli, Arunachal Pradesh from 24th – 26th April, 2010.
- **“Entrepreneurship development programme in Biotecology”** sponsored by Department of Biotechnology, Govt. of India and organized by Biotech Consortium India Limited, New Delhi and Arunachal Pradesh State Council for Science and Technology, Itanagar at Itanagar, Arunachal Pradesh from 17th – 20th March, 2010.
- Regional Seminar on **“A long way to go for Empowering the people of Arunachal Pradesh economically for its sustained growth”** sponsored by Planning Commission, Govt. of India and organized

by Indian Council of Small Industries in collaboration with the Department of Forestry, NERIST, Nirjuli, Arunachal Pradesh at NERIST, Nirjuli, Arunachal Pradesh on 19th Dec., 2009.

- National Seminar on **“Agroforestry for Socioeconomic development of North Eastern Region”** sponsored by North Eastern Council, Shillong, Govt. of India and organized by Department of Forestry, NERIST, Nirjuli, Arunachal Pradesh at NERIST, Nirjuli, Arunachal Pradesh on 11th & 12th Dec., 2009.
- **“Capacity Building Training In Plant Taxonomy”** organized and hosted by Botanical Survey of India at Botanical Survey of India, Eastern Circle, Shillong from November 03rd – 15th, 2008.

WORK EXPERIENCE:

- Worked as RA (Research Associate) in two network projects **“Harvesting, Processing and Value Addition of Natural Resins and Gums”** and **“Potential Crops for NEH region”** from 10th July, 2014 to 22nd November, 2015 at ICAR Research Complex for NEH Region Umiam, Meghalaya- 793 103.
- Worked as JRF (Junior Research Fellow) in a project entitled **“Forest working plan”** (The work involves application of Remote Sensing and GIS System in the preparation of forest working plan for the states of North Eastern Region) from 18th July 2012 to 9th July, 2014 at North Eastern Space Application Centre, Umiam – 793103, Meghalaya.
- Worked as JRF (Junior Research Fellow) in a M.o.E.F. Funded project entitled **“AICRP on Sacred Grove Ecosystem Services Assessment In Arunachal Pradesh”** from 5th June 2012 to 16th July 2012 at Department of Forestry, North Eastern Regional Institute of Science and Technology (Deemed University), Nirjuli – 791 109, Arunachal Pradesh.
- Worked as JRF (Junior Research Fellow) in a D.S.T. funded project entitled **“Inventory of biodiversity in agricultural landscapes, economic uses and conservation for sustainable development in Eastern Himalaya region of Arunachal Pradesh”** from 15th of April 2009 to 31st March 2012 at Department of Forestry, North Eastern Regional Institute of Science and Technology (Deemed University), Nirjuli – 791 109, Arunachal Pradesh.
- Worked as Project Fellow in a D.B.T. funded project entitled **“Multiplication and Ex-situ Conservation of Rhododendrons in North Eastern India using tissue culture and allied techniques ”** from 17th of January 2007 to 14th of April 2009 at Botanical Survey of India, Eastern Circle, Shillong – 793 003, Meghalaya.

PERSONAL DETAILS:

Name	JIMMY YEBJENY YUMNAM
Date of Birth	12 th January 1981
Gender	Male
Father's name	Y. Hemant Kumar Singh
Mother's name	Ningtimla Luikham Y.
Marital status	Unmarried
Nationality	Indian
Languages known	English, Hindi and Manipuri
Hobbies	Reading, Writing and Gardening
Permanent Address	Keishamthong Elangbam Leikai, Imphal-West – 795 001, Manipur