

**BIODATA OF DR. TAWNENGA**

1. **Name** : Tawnenga
2. **Home Address** : MV-14, Mission Veng, Aizawl – 796 005, Mizoram  
**e-mail** : tawnenga5@yahoo.com  
**Phone** :, 09436154811 (M) ) (0389)2322257 (O)  
(0389)2323323 ®
3. **Father's name** : Lalsawma (L)
4. **Date of Birth** : 1<sup>st</sup> March 1956
5. **Qualification with Univ. & year of passing**
  1. M.Sc.(Botany) NEHU, (1977)
  2. Ph.D (Botany) NEHU(1991)
6. **Area of Specialisation** : **Plant Ecology**
7. **Post held:** PRINCIPAL, PACHHUNGA UNIVERSITY COLLEGE wef. 6.4.2009 till date
8. **Date of joining the Institution as Lecturer in Botany** 25<sup>th</sup>.April, 1978
9. **Whether belong to SC/ST:** ST
10. **Academic carrier** : M.Sc (Botany)NEHU, Ph.D (Botany)NEHU  
**Professional carrier** : **UG Teaching experience:** 40 years (1978 till date)  
**PG Teaching experience:** 1yr 2 months  
**Research experience:** 27 years (1991 till date)
11. **Ph.D produced** : One (1) – Ms. Helen Hmar, (2001, NEHU)
12. **M.Sc Produced** : One (1) – C.Lalduhawma  
(2005, Sikkim Manipal University )
13. **Publication** : Books: 03 in Mizo, Research papers:06,  
Technical Reports: 05

14. List of completed projects (as Principal Investigator):

Title of the project	Year of start	Year of completion	Project cost (Rs.)	Name of sponsoring Agency
<b>1. Ecological Analysis of different occupational practices in Mizoram</b>	1994	1997	5,81,617	MoEn & F, Govt of India.
<b>2 Integrated farming system development and resource management for shifting cultivators in Mizoram</b>	2006	2010 April	14,50,150	DST, (Science & Society Division) Govt of India
<b>3. Developing livelihood /impt. Models for shifting Cultivation Based on Short Term and long Term products output both natural and planted from Jhum rehabilitation areas under NAP with spl. Focus on poor</b>	2006	March, 2007	1.30,000	Regional Centre, National Afforestation and Eco-Development Board (MoEF)

**Some important academic achievements/Activities:**

- 1. Produced one Ph. D as Jt. Supervisor** - awarded by North-eastern Hill University, Shillong in 2000. The candidate (Ms Helen Hmar) worked on "*Ecological Analysis of different Agricultural Practices in Mizoram*".
- 2. Produced one M.Sc as Supervisor** - awarded by Indian Institute of Ecology and Environment, New Delhi in 2005. The candidate – C.Lalduhawma worked on "*Noise level of Aizawl Town*"
- 3. Attended a training program on Management of Research sponsored by Ministry of Environment and Forests, Govt. of India** at Hyderabad during July 1 – 5, 2002
- 4. Co-Ordinator** in preparing three books on Environmental studies in Mizo in collaboration with Center for Environment Education (CEE) North East.
- 5. Prepared 5 (five) Technical reports.** 4 (four) for Regional Centre for National Afforestation & Eco-Development Board (RCNAEB), Ministry of Environment & Forests, Govt. of India and 1 (one) for Jawaharlal Nehru University, National Institute of Rural Development and United Nations University, Japan

- a) **Evaluation of Jhum rehabilitation Programmes in Mizoram, (1995)**  
- Regional Centre for National Afforestation & Eco-Development Board (RCNAEB)
  - b) ***Working of Tree Growers Cooperative Societies in Mizoram (1997)*** -  
Regional Centre for National Afforestation & Eco-Development Board (RCNAEB)
  - c) ***Cultivation of Tung (Aleurites fordii. A. montana) in Mizoram (1999)***  
- Regional Centre for National Afforestation & Eco-Development Board (RCNAEB)
  - d) ***Developing livelihood /impt. Models for shifting Cultivation Based on Short Term and long Term products output both natural and planted from Jhum rehabilitation areas under NAP with spl. Focus on poor (2007) – (RCNAEB)***
  - e) ***Analyzing shifting agriculture as a component of Village Landscape and Local livelihood : A case study in Ailzawng Village of Mizoram in North East India (2006)*** - JNU. NIRD & UN University, Japan
6. **Co-ordinator of UGC Sponsored Refresher Course in Botany**,from 10<sup>th</sup>. –30<sup>th</sup>, May.2003, Pachhunga University College, Mizoram University, Aizawl, Mizoram.
  7. **Presented a paper, entitled “Status of Shifting Cultivation in Mizoram” in International workshop on Shifting Agriculture, Environmental Conservation and Sustainable Livelihood of Marginal Mountain Societies (from 6<sup>th</sup>.-10<sup>th</sup>. October, 2005)** Jointly organized by Jawaharlal Nehru University, National Institute of Rural Development and United Nations University, Japan
  8. **Presented a report “Analyzing shifting agriculture as a component of Village Landscape and Local livelihood : A case study in Ailzawng Village of Mizoram in North East India” in International workshop on Shifting Agriculture, Environmental Conservation and Sustainable Livelihood of Marginal Mountain Societies (from 3<sup>rd</sup>.-6<sup>th</sup>. Sept. 2006)** Jointly organized by Jawaharlal Nehru University, National Institute of Rural Development and United Nations University, Japan

### Research Publications:

1. **Tawnenga**, Uma Shankar and Tripathi, R.S. (1996). Evaluating second year cropping on jhum fallows in Mizoram, north east India: Phyto mass dynamics and primary productivity. *Journal of Bio Sciences*, 22(4): 563-575.
2. **Tawnenga**, Uma Shankar and Tripathi, R.S. (1997). Evaluating second year cropping on jhum fallows in Mizoram, north east India: Energy and Economic efficiencies. *Journal of Bio Sciences*, 22(5): 605-613.
3. **Tawnenga**, Uma Shankar and Tripathi, R.S. (1996). Evaluating second year cropping on jhum fallows in Mizoram, north east India: Soil fertility. *Journal of Bio Sciences*, 22(5): 615-625.
4. **Tawnenga**, Uma Shankar and Tripathi, R.S. (1998). Slash once, cash twice. In: *Perspectives for Planning and Development in North East India* (eds. Sundriyal, R.C., Uma Shankar and Upreti, T.C.), G.B. Pant Institute of Himalayan Environment and Eco-development. HIMVIKAS Occasional Publication No. 4, pg. 246-256.
5. **Tawnenga**, U.K.Sahoo, P.C Vanlalhluna and K Upadhyaya (2007)Analysing shifting agriculture as a component of village landscape and local livelihoods : a case study in Ailawng Village, Mizoram, India . In *Shifting agriculture in Asia : implications for environmental conservation and sustainable livelihood*, Edited by K.G.Saxena, Luohui Liang and Kanok Rerkasem, ( *Proceedings on International Workshops, (2005 & 2006) on " Shifting Agriculture, Environmental Conservation and Sustainable Livelihoods of Marginal Mountain Societies*)
6. Hmar, H., **Tawnenga** and Jha,L.K. (2000). Study on the economic and ecological efficiencies of Agricultural and Horticultural Practices in Mizoram.In: Jha *et al.* (eds) *Internmtional Proceedings on Agroforestry and Forest Products*, Department of Forestry, North-Eastern Hill University, Mizoram Campus, Aizawl, pg.28-30.

### **Important Training/Workshop/Seminar/Consultation**

Sl.No	Workshop/ Seminar attended	Organisers	Venue	Date
1	Training in Research Management	Ministry of Environment & Forests, Govt. of India & World Bank	Administrative staff College of India (ASCI) Hyderabad	1 – 5 July, 2002
2	International Workshop on Shifting Agriculture, Environmental	Jawaharlal Nehru University (Delhi), United Nations University, (Japan)	National Institute of Rural Development, North East Regional Centre, Guwahati	23 - 25, Sept 2006

	Conservation and Sustainable Livelihoods of Marginal Mountain Societies	& NIRD-NERC, Guwahati		
3	Sensitization and Monitoring workshop on TIME (Technology Intervention for Mountain Ecosystem)	Science and Society Division, Department of Science & Technology, New Delhi	Bethany Society Centre, Laitumkhrach, Shillong, Meghalaya	26-27, Sept, 2006
4	Workshop on Research Projects Under National Afforestation Programmes in North East India	Regional Centre, National Afforestation and Eco-Development Board, (Ministry of Environment and Forests, Govt. of India) NEHU, Shillong	North Eastern Hill University, Shillong, Meghalaya	<b>22.Feb. 2007</b>
5.	Attended UKERI UGC Leadership Development Programme	UKIERI, UK – India Education and Research Initiative	New Delhi	29 Feb – 5 March, 2016
6	Attended Working Group Meeting on Review and Revision of the Manual for Self Study Report for Affiliated and Constituent Colleges	NAAC	Bangalore2	22, February, 2017
7	Attended National Workshop on Autonomy and Governance in Higher Education	National University of Educational Planning and Administration, (NUEPA), New Delhi	New Delhi	19-21 December, 2014

### **Ongoing project :**

Project entitled “Study on some important agriculture crops as affected by multipurpose trees on their yield and soil conservation for jhum rehabilitation in Mizoram NE, India” funded by G.B.Pant National Institute of Himalayan Environment & Sustainable Development, Ministry of Environment, Forest & Climate Change, Govt. of India, Kosi-Katarmal, Almora, Uttarakhan.

**Some important Academic and Administrative assignments/activities:**

- (1) **Principal, Pachhunga University College( 2009 – till date)**
- (2) **Member, Academic Council MZU ( 2009 – till date)**
- (3) **Member, Executive Council, MZU( 2009 – till date)**
- (4) **Assessor, NAAC ( 2012 – till date)**
- (5) **Member, Vidyalaya Management Committee, - Kendriya Vidyalaya Aizawl, Mizoram ( 2015 – til date)**
- (6) **Member, Mizoram State Advisory Committee, NCC ( 2017 – till date)**
- (7) **Member, Advisory Committee of Devraj Roy College, Assam under UGC College with Potential for Excellence (CPE) ( 2018 – till date)**
- (8) **Member, Sports Board, MZU( 2009 – till date)**
- (9) **Head i/c Department of Botany, Mizoram University**  
( on dual charge basis wef. 31.Jan. 2006 to 2 .4.2007)  
**Head i/c Department of Zoology, Mizoram University**  
( on dual charge basis wef. 28.2.2006. to. 5 .4.2006)
- (10) **Refresher Course Attended :** Attended 2 (two) Refresher Courses
  - a) Botany – Ecology & Environment – 25<sup>th</sup>. Sept, to 22<sup>nd</sup>. Oct, 1992. NE
  - b) Botany – Microbiology 1<sup>st</sup>. Feb to 24<sup>th</sup> Feb, 1993, NEHU
- (11) **Member, State Pollution Control Board., Govt. of Mizoram ( 2000 – 2015)**
- (12) **Executive Member, Central YMA- the largest NGO in Mizoram for various environmental protection measures, social works etc. (1992 – 2005)**
- (13) **Member Advisory Management Committee of NAEAB, North-East unit.**
- (14) **Expert member and examiner for Mizoram Public Service Commission.**
- (15) **Member, School Board, School of Live Sciences, NEHU (1992 – 1994)**
- (16) **Member, Board of Under Graduate Studies, NEHU (1998 - 2000)**
- (17) **Member, Mizoram Youth Commission, Govt. of Mizoram (2018 till date)**