

Faculty profile

1. Name: **Dr. Pynsakhiat Law**
2. Designation: **Assistant Professor**
3. Email ID: pynsakhiat72@gmail.com
4. Date of appointment: **1st July, 2005**
5. Field of specialisation under the subject / discipline: **Plant Taxonomy, Biodiversity, Forest Ecology**

6. Contribution to corporate life and management of the institution

- i. Member of Research Monitoring Committee, Lady Keane College, Shillong
- ii. Member: Institutional Biotech-Hub, Lady Keane College Shillong; an initiative of the Department of Biotechnology, Government of India, New Delhi
- iii. Member: Institutional Ethic Committee, Lady Keane College, Shillong
- iv. In-charge: Institutional Bio-safety Committee, Lady Keane College, Shillong
- v. Member Botanical Garden Committee, Lady Keane College, Shillong
- vi. Member: Lady Keane College Welfare Society, Lady Keane College, Shillong
- vii. Vice-President: Lady Keane College Mutual Benefits Co-operative Society Ltd.
- viii. Member: Meghalaya College Teachers Association, Lady Keane College

7. Seminars/conference/symposia/extension programmes, etc

- i. Resource person in a One-day Programme for Class IX/X students of Raid Laban Secondary School at the Institutional Biotech Hub facility organized by the Institutional Biotech Hub, Lady Keane College, Shillong on the 11th November 2014
- ii. Resource person in a Three-Day Training Programme titled “Plant Tissue Culture Techniques” for School Teachers at the Institutional Biotech Hub facility organized by the Institutional Biotech Hub, in collaboration with the Botany Department, Lady Keane College, Shillong on the 8th – 10th December 2014
- iii. Resource person in the Fifteen-day Training Programme on “Biological Techniques” for the Biotechnology Students of St. Edmund’s College, Shillong at the institutional Biotech Hub facility organized by the Institutional Biotech Hub Lady Keane College, Shillong 5th - 20th May, 2015.
- iv. Paper presenter in the Two-day International Seminar on “Social Interactions and Cultural Milieu” on the 7th & 8th August 2015, organized by the Internal Quality Assurance Cell (IQAC), Lady Keane College, Shillong, India
- v. Resource person in a One-day Outreach Programme on “Environmental Biotechnology – Its role in environment protection and Restoration” organized at Gorgha Pathshala Higher Secondary School, Shillong on the 20th November 2015 an Outreach Programme by the Institutional Biotech Hub, Lady Keane College, Shillong

8. Publications

- i. K. Upadhaya, **P.S. Law** and H.N. Pandey 2003. **Biodiversity in the sacred groves of Meghalaya: Floristic composition and Traditional Conservation Practices**. In Baruah P.P. (Ed.): *Biodiversity of Eastern Himalayan Protected Areas*. Handique Girls College, Guwahati, pp. 14-24.
- ii. K. Upadhaya, H.N. Pandey, **P.S. Law** and R.S. Tripathi 2003. **Tree diversity in the sacred groves of the Jaintia hills in Meghalaya, northeast India**. *Biodiversity and Conservation* 12: 583-597.
- iii. K. Upadhaya, H.N. Pandey, **P.S. Law** and R.S. Tripathi 2004. **Diversity and population characteristics of woody species in subtropical humid forest exposed to cultural disturbance in Meghalaya, northeast India**. *Tropical ecology*, 45 (2): 1-12.
- iv. K. Upadhaya, H.N. Pandey, **P.S. Law** and R.S. Tripathi 2005. **Dynamics of fine and coarse roots and N-mineralization in humid subtropical forest ecosystem of northeast India**. *Biology and Fertility of soils* published on line 14th January 2005.
- v. K. Upadhaya, H.N. Pandey, S. Alemmeren Jamir, **P.S. Law** and R.S. Tripathi 2005. **Floristic Diversity in the Sacred Groves of Meghalaya**. In A.K. Pandey, Jun Wen & J.V.V. Dogra (Eds.): *Plant Taxonomy: Advances and relevance*, pp. 83-99. CBS Publishers & Distributors, New Delhi.
- vi. K. Upadhaya, H.N. Pandey, **P.S. Law** (2007) **The Effect of Seed Mass on Germination, Seedling Survival and Growth in *Prunus jenkinsii* Hook.f & Thoms**. *Turk J. of Botany*. 31: 31-36.
- vii. Pala KHM, Nongbri S, **Law P**, Dohling S, Makdoh K. 2015. **Detection of adulteration, physic properties, chemical composition and hygienic status of milk in Shillong**. *Keanean Journal of Science*. Vol 4: 9-13.
- viii. Nongbri S, Nongbri E, Pala KHM, **Law P**, Dohling S, Makdoh K. 2016. **Seed viability and seedling survival of *Melodinus monogynus* Roxb., a wild edible fruit of Meghalaya**. *Keanean Journal of Science*. Vol 5: 41-44.

9. Completed Projects

- i. *Documentation on the significance of vernacular names of plants species: A case study of the "Law Kyntang" (Sacred Grove) of Mawphlang, East Khasi hills, Meghalaya*. College funded minor research project 2009-2011
- ii. *Effect of automobile pollution on the abundance of soil arthropods and a simultaneous analysis of the chlorophyll content, catalase activity and heavy metal accumulation in *Oxalis corniculata**. College funded minor research project for DBT-Biotech-HUB 2012-2014
- iii. *Detection of adulteration, Physico-chemical properties, chemical composition and hygienic status of milk in Shillong*. College funded minor research project for DBT-Biotech-HUB 2014-2015

10. Undergoing Projects

- i. *Biochemical analysis of some commercially valuable indigenous fruits of the Khasi Hills, Meghalaya*. College funded minor research project for DBT-Biotech-HUB 2014-2015, 2015-2017.