

ENDORSEMENT FROM THE SUPERVISOR

Ms. Thangjam Roshini has conducted her Ph.D. research on the topic “EXPLORATION OF PINEAPPLE LEAF FIBRE FOR ENHANCING HANDWOVEN TRADITIONAL TEXTILES OF MANIPUR” under my guidance with the registration number FOF/216, dated 21st January, 2021. She has got the certificate for course work completion. She has done an extensive research on the topic which validates the originality. She has presented her work in all the six month progressive seminar attended by the Department Research Committee, teachers and students of the Department. She has presented a total of eight papers in both International and national level conferences-

1. Presented a paper (oral) entitled “ **Waste to wealth: Source of income from pineapple waste**” at the 3rd international conference Global Initiatives in Agricultural, Forestry and Applied Sciences (GIAFAS-2021) at **Shri Guru Ram Rai University, Dehradun, Uttarakhand, India on october17-18, 2021**. ISBN 978-93-5419-016-2
2. Presented a paper entitled “**Creating innovative apparels by designing on looms**” at the virtual international conference: Tracing 75 years of Indian Fashion Post Independence organized by NIFT Gandhinagar on **20th January 2022**.
3. Presented an oral presentation on the topic ‘**prospects of utilizing bio-waste pineapple leaf fiber for textile products**’ at North-east Research concave (NERC) Towards-sustainable Science & Technology, organized by IIT Guwahati, May 20-22, 2022.
4. Presented an oral presentation on the topic ‘**Pineapple plant as a fiber crop: A natural resource for utilizing in sustainable textile**’ at the 4th international conference Global efforts on Agriculture, Forestry, Environment and Food Security,17-19 Sept 2022 at Institute of Forestry, Tribhuvan University, Pokhara campus, Nepal.
5. Oral presentation on the topic ‘**The journey of pineapple to handloom for making sustainable fashion textiles**’ during the international e-conference on Textiles for Advanced Technologies, Textiletech 2022, November 11-13, 2022
6. Oral presentation entitled ‘**Introducing pineapple leaf fiber as an indigenous yarn for making traditional textiles of Manipur**’ during the 34th biennial conference of Home Science Association of India, at St. Teresa’s College, Kerala, 15-17 December 2022.
7. Oral presentation entitled ‘**Experimentation of local natural dyes on 100% Pineapple yarn to produce aesthetic value- added textiles**’ during the 1st Indo Japan Textile Research conference, held at IIT Delhi from 27-28th November 2023.
8. Oral presentation entitled ‘**Pineapple leaf fibre towards the weaving of traditional Manipuri Textiles**’ during International conference on innovative advances with

indigenous knowledge in Family and Community Sciences, Virtual Mode, 29th November 2023.

She has received Springer Best Paper Award- Oral Presentation on the topic “Prospects of utilizing bio-waste pineapple leaf fiber for textile products”, North East Research Conclave organized by IIT Guwahati, 2022 and 2nd Best paper award- **“Textiles from Pineapple Leaves: A Green Approach from Farm to Loom”**, International conference on Waste Recycling and Environmental Technology, 8-9th February, 2024 organized by Babasaheb Bhimrao Ambedkar University Vidya Vihar, Lucknow, India. She has attended many FDPs/courses organized by Universities, colleges, and research organization. She has done a training on extraction of fiber from pineapple leaf at CSIR-NEIST, Branch Laboratory of Imphal, Manipur from 01-06-2022 to 29-07-2022.

Her research paper has been published entitled **“Empowering the farmers and the weavers: The economic and social role of pineapple leaf fibre”**, *International Journal of Agriculture Extension and Social Development*, Vol.7 (1), 2024, 342-345.

Other two research papers have been submitted for publishing in journals- **“Experimentation of local natural dyes on 100% Pineapple yarn to produce aesthetic value- added textiles”** during the 1st Indo Japan Textile Research conference, held at IIT Delhi from 27-28th November 2023.

Selected for publication in Environmental Sustainability, Springer’s special issue **“Textiles from Pineapple Leaves: A Green Approach from Farm to Loom”** WRET-2024, International conference on Waste Recycling and Environmental Technology, 8-9th February, 2024 organized by Babasaheb Bhimrao Ambedkar University Vidya Vihar, Lucknow, India.

Thesis is approved by

Prof. (Dr.) Madhu Sharan

Guide

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