



**OFFICE OF THE PRINCIPAL
T. S. PAUL MANIPUR WOMEN'S COLLEGE**

**NOTICE
14th February 2023**

No. 056/TSPMWC/PR/2023: It is hereby informed to all the teaching, non-teaching staffs and students that a One Day On-Job Training on **“Preparation of Bioenzyme from Fruit Waste for the Livelihood Generation”** will be held on 20th February 2023, at 10:00 a.m. All the staffs and students are requested to attend the training programme without fail.

Sd/-

Principal

T. S. Paul Manipur Women's College

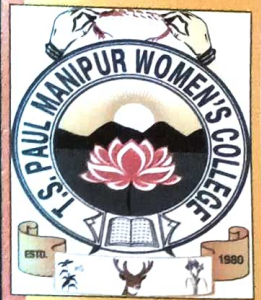
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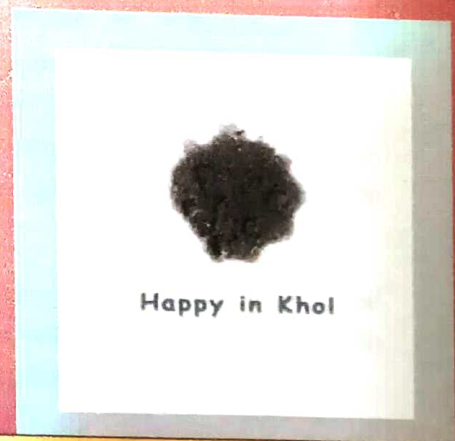
One Day On-the-Job Training on “Preparation of Bioenzyme from Fruit Waste for Livelihood Generation”



Organized by:
**Internal Quality Assurance Cell (IQAC) and Department of
Biotechnology,**
T. S. Paul Manipur Women's College, Mongshangei

Aims of the One-Day On-the-Job Training:

The one-day training for preparing bioenzyme from fruit waste for livelihood generation was an introduction to bioenzyme production, emphasizing its economic, social, and environmental benefits. Participants gain theoretical knowledge of bioenzymes and their role in various industries, alongside practical skills in bioenzyme processing, safety, and quality control. Through training in bioenzyme production, quality control, and application, problems are elucidated, and the benefits of bioenzyme applications are highlighted. Thorough understanding and implementation of this training will yield significant benefits of bioenzyme production, including a collaborative effort in knowledge exchange and skill development. This session equips participants with the knowledge and skills to produce and utilize bioenzyme production for livelihood generation towards sustainable development and environmental stewardship.



Happy in Khol

RESOURCE PERSON:

Mr. Premananda Nongthombam
Proprietor and Founder
HAPPY INKHOL

On
Monday
20th February, 2023
Time: 1.00 PM
Venue: Laboratory Room,
Department of Biotechnology

Premananda
Principal
T.S. Paul Manipur Women's College
Mongshangei, Imphal-West
Manipur



Report on

One Day On-the-Job Training

Preparation of Bioenzyme from Fruit Waste for Livelihood Generation

Date: 20th February 2023

Venue: Department of Biotechnology

Organizers: Internal Quality Assurance Cell (IQAC) and Department of Biotechnology, TSPMWC

Trainer: Premananda Nongthombam, Proprietor and Founder of HAPPY INKHOL

Participants: Approximately 85 students, staff, and local area women

Introduction: On the 20th of February 2023, the Department of Biotechnology, in collaboration with the Internal Quality Assurance Cell (IQAC), organized a one-day on-the-job training program on the preparation of bioenzyme from fruit waste for livelihood generation. The event, held at the Department of Biotechnology, aimed to integrate sustainable practices into the academic and local community while promoting holistic solutions for Earth regeneration.

Resource Person: Mr. Premananda Nongthombam, the esteemed Proprietor, and Founder of HAPPY INKHOL, led the training session. His expertise in holistic solutions and commitment to the regeneration of the Earth made him an ideal resource person for this initiative.

Participants: Approximately 85 participants, including students, staff, and local area women, actively participated in the training program. The collaboration between the Department of Biotechnology and IQAC ensured a diverse group of individuals with varying levels of expertise and interests.

Training Content: The training began with an introduction to the significance of bioenzyme production from fruit waste and its role in sustainable livelihood generation. Mr. Nongthombam, along with two assistants, provided in-depth insights and a step-by-step guide to the process of preparing bioenzyme.

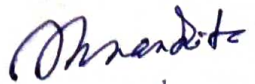
Hands-On Experience: Participants greatly appreciated the hands-on training provided during the session. The practical component allowed them to actively engage in the bioenzyme preparation process, fostering a deeper understanding of the techniques involved. The resource person and his assistants demonstrated the entire process, from collecting fruit waste to producing the bioenzyme.

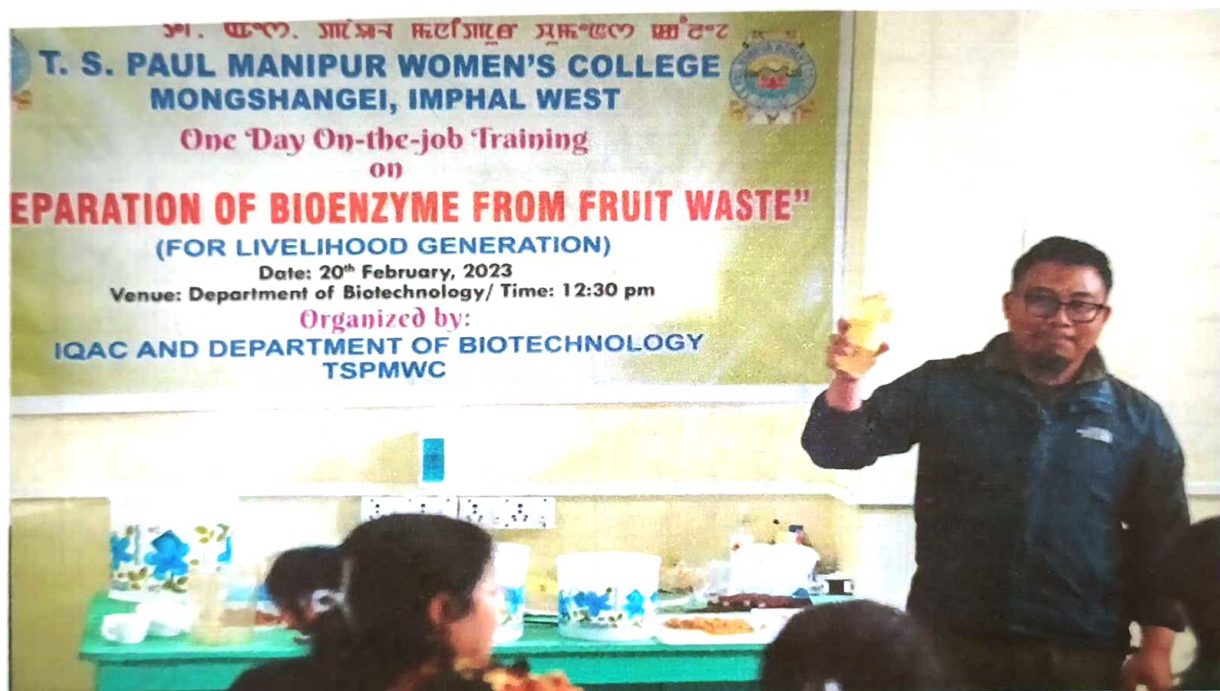

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Applications of Bioenzyme: The training highlighted the versatility of bioenzyme, showcasing its applications as a handwash, disinfectant, cleaning agent, dish wash, insect repellent, and various other household products. Participants were enthusiastic about the potential of this knowledge, not only for personal use but also as a means to explore entrepreneurial opportunities and contribute to sustainable practices.

Follow-Up Program: The one-day training program is a precursor to a series of follow-up sessions. In the upcoming days, the Department of Biotechnology plans to organize additional sessions focusing on the preparation of various other bioenzyme products. This phased approach ensures that participants gain comprehensive knowledge and skills, empowering them to actively contribute to sustainable practices and livelihood generation.

Conclusion: The collaborative effort between the Department of Biotechnology, IQAC, and Mr. Premananda Nongthombam resulted in a successful on-the-job training program. This initiative not only disseminated valuable knowledge on bioenzyme production but also fostered a sense of responsibility towards Earth regeneration and sustainable living within the academic and local community. The follow-up programs promise to further enhance the participants' understanding and skill set in the realm of bioenzyme applications.


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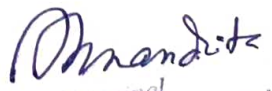
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Name of Program: Preparation of Bioenzyme
Date: 20-02-2023

Sl. No.	Name	Designation Faculty/Students/Others	Signature
1.	Ch. Ningthipsama	Asst. Prof	N. Ningthipsama
2.	N. Lalit Singh	Asst. Prof.	N. Lalit Singh
3.	Sub-Sumalata	Asst. Prof.	Sub-Sumalata
4.	M. Radharani Devi	Asst. Prof.	M. Radharani Devi
5.	P. Anita Devi	Asst. Prof.	P. Anita Devi
6.	Lu. Kh. Sumitri Devi	"	Lu. Kh. Sumitri Devi
7.	P. Binita Devi	Asst. Prof.	P. Binita
8.	W. Meraka Devi	Asst. Prof.	W. Meraka Devi
9.	H. Saratchandra Singh	Asst. Prof.	H. Saratchandra Singh
10.	Y. Premjit Singh	Asst. Prof.	Y. Premjit Singh
11.	Ng. Malish Kumar	Asst. Prof.	Ng. Malish Kumar
12.	L. R. R. R.	Asst. Prof.	L. R. R. R.
13.	Winson Kothkham	Cashier	Winson Kothkham
14.	Dr. L. Thechoudhury	Asst. Prof. Engg.	Dr. L. Thechoudhury
15.	Kh. Rabina Channu	Asst. Prof. Anthropology	Kh. Rabina Channu
16.	Thingnam Ranjan Meitei	Asst. Prof. Maths	Th. Ranjan Meitei
17.	W. K. K. K.	Asst. Prof.	W. K. K. K.
18.	Elangbam Bona Singh	Asst. Prof.	E. Bona Singh
19.	Dr. W. Sarjubala Devi	Asst. Prof.	Dr. W. Sarjubala Devi
20.	Y. Pradyumn Singh	Asst. Prof.	Y. Pradyumn Singh
21.	Kh. Ranjana Devi	Asst. Prof.	Kh. Ranjana Devi
22.	Ronni Rajkumari	Asst. Prof.	Ronni Rajkumari
23.	K. Theilabati Devi	Head clerk	K. Theilabati Devi
24.	H. J. J. J.	H/O	H. J. J. J.
25.	Dr. N. Pinky Devi	Asst. Prof.	Dr. N. Pinky Devi
26.	S. Nalini Devi	Lab. Asst. physics	S. Nalini Devi
27.	Dr. L. Sobila Devi	Asst. Prof.	Dr. L. Sobila Devi
28.	Thoudam. Sarojabibi Devi	Students	Sarojabibi Devi
29.	Nongthambam Mizanda	Students	N. Mizanda
30.	Thoudam. Khargembam	Student	Thoudam. Khargembam

Thoudam. Sarojabibi Devi
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Manipur

Sl. No.	Name	Designation Faculty/Students/Others	Signature
31	Katherine Nongmaithem	Students	Katherine
32	Rahul Koijam	Faculty, CS Dept	
33	W. Kalpana Devi	Students	Kalpana Devi
34	A. Gudurani	Students	Gudurani
35	L. Menaka	Students	Menak.
36	L. Ashley	Students	Ashley
37	Oinam Raju	Student	Oinam Raju
38	N. Shetombi Devi	Library	N. Shetombi
39	Kh. Keniya Devi	Student	Kh. Keniya
40	M. Rabena Devi	Faculty	M. Rabena Devi
41	M. Malenungambi Chanu	Student	M. Malen
42	Yunnam Bandana Devi	Student	Y. Bandana
43	Sailkhom Primiya Devi	Student	S. Primiya
44	Lachipa Ankhung	Student	Lachipa
45	Riya Potrangbam	Student	Riya Potrangbam
46	Yashembam Metali	Student	Yashembam Metali
47	Oinam Ranita Devi	Student	
48	Naloxem Luxmi	Student	Naluxmi
49	Lampoklakpam Shilpa Devi	Student.	S. Shilpa
50	Nandita Bougajam	Student	Nandita S
51	M. Gangarami Devi.	Student	M. Gangarami Devi.
52	Babaji Khurijam	Student	Babaji. Kh.
53	L. Debala Devi	Student	L. Debala
54	Yurembam Babina	Student	Y. Babina
55	Saugrakpam Sanatombi Devi	Student	S. Sanatombi
56	Riya Maibam.	Student	Riya Maibam.
57	Sanjana Sapam	Student	Sanjana Sapam
58	Nikita Shapam	Student	Nikita Shapam
59	Shaugrakpam Bishesory Devi	Student	Sh. Bishesory Devi
60	Merina Taldellambam	Student	Merina T.


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61	Hoxpema Ningthem	Student	Hoxpema Ningthem
62	Grace Chithung	Student	Grace Chithung
63	Lakpa Yumnam	Asst. Prof	Lakpa Yumnam
64	Shirhom Surekha Devi	Student	Shirhom
65	Sanam Menanda Devi	Student	Menanda
66	Maibam. Ishanika Devi	Student	M. Ishanika Devi
67	N. Nipul Devi	Asst. Prof	N. Nipul
68	M. Lakshmi Devi	Student	M. Lakshmi
69	Dr. Surendra Singh	Faculty	Dr. Surendra Singh
70	Dnyaneshi Sanyal	Faculty	Dnyaneshi S.
71	Dr. Kanchanbala Kishore	Faculty (Asst. Prof.)	Kanchanbala
72	Dr. Jyoti Laxmi	Faculty (Asst. Prof.)	Jyoti
73	Dr. Khaldem Kabita Chama	Faculty (")	Kabita
74	Laxmi Kojan	Faculty	Laxmi Kojan
75	Priya Yumnam	Student	Priya Y.
76	Ashish Jina	Faculty	Ashish
77	Morayim Gopal	Asst. Prof.	Morayim
78	S. Sanatombi Devi	Local	S. Sanatombi Devi
79	Nareem Sahi Devi	Local	N. Sahi Devi
80	Okram Chabang Leima	Local	O. Chabang Leima
81	Hindrom Pemphisak	Local	H. Pemphisak
82	Maibam Tampha Devi	Local	Tampha

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