

To,

**The Coordinator,
Internal Quality Assurance Cell
Sao Chang College, Tuensang, Nagaland.**

**Sub: Submission of report on 2nd Interdepartmental seminar
conducted on 5th May 2023.**

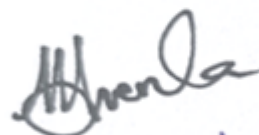
Respected Sir,

I am glad to hereby submit the report of the 2nd Interdepartmental seminar 2023 conducted by the Research Committee as enclosed.

This is for your kind necessary perusal.



(Dr. Lal Veda Chandra Kumar)
Coordinator, Research Committee
Sao Chang College, Tuensang



Principal
Sao Chang College
Tuensang : Nagaland

**REPORT ON
INTERDEPARTMENTAL SEMINAR**

Organized by: **RESEARCH COMMITTEE**, Sao Chang College

The Research Committee conducted its 2nd Interdepartmental Seminar on 5th May 2023. Held in College Conference Hall, the seminar was chaired by Ms. Shilumongla T Sangtam, Asst. Professor in Economics. Vote of thanks was delivered by Ms. Chideno Shitire, Asst. Professor in Education and rapporteurs were Dr. S Arenla, Asst. Professor in Botany and Dr. Kenilo Kath, Asst. Professor in History.

Title of the program: Listen Learn and Grow Together **Date:** 5th May 2023

Objective:

To present and discuss on research papers, promote research oriented academic interest among the faculties.

Description:

The Paper presenters were Dr. Soyimla Akam, Asst. Professor in English and Dr. Aola Supong, Asst. Professor in Chemistry.

Dr. Soyimla Akam, presented on the topic 'Domovoy: Folkloristic Belief of Yimkhiung NagaTribe'. Domovoy is a spirit that dwells in a house associated to bring fortune and mostly attached to the lady of the house. The spirit needed to be treated properly else its ill treatment would result in getting punishment as curse.

Domovoy power gets transfer from generation to generation according to Yimkhiung folklore story, or either the house spirit choose their own master for the transfer of power. This practice is called Photorimri. Sometimes in some cases the Photorimri occurs to other clan instead of passing to the same owners clan this is called as Limkhiung Khungru.

After the Christianity came into the Yimkhiung tribe 80 years back, this once upon popular belief were abandoned and does not practice anymore. At the present tribal people who practice such belief, often keep it as secret or else they are treated as outcaste from the society. People who practices Photorimri or Domovoy were called as Yimchihru.

In the second session, Dr. Aola Supong presented on 'Sustainable Production of Activated Carbon' where we learnt about extraction of activated carbon from biomass production. The importance of activated charcoal as well as the difference between the activated charcoal and normal charcoal was also discussed. The normal charcoal is extracted in presence of oxygen and activated charcoal is activated in absence of oxygen.

The activated charcoal is important because of its versatile nature such as large pore volume, surface chemistry and surface area. The presenter described her research work on activated carbon by using biomass material extracted from Bamboo sheath, Tithonia, *Ravina* grass, and pine cone. The process involve cutting

the material into pieces, then put in muffle furnace, grinded and heated in 500-800°C after treating with potassium hydroxide.

The extracted activated carbon from *Tithonia* sp. was used for the removal of *Coliform* bacteria and *E. coli* for waste water treatment. It was observed that 98-99% of bacteria were removed suggesting the efficiency of the method. Further the extracted activated carbon were used for molecular docking studies.

Outcome:

The 2nd Interdepartmental seminar help the participants to learn about belief system that were popularly practiced during the olden times. As presented, the folkloristic belief of Domovoy took central role in establishing a family as a productive institution in society. The change in belief system at present generation due to impact of Christianity in the state was also understood from the presentation.

In the subsequent topic, the scope of commercializing the activated carbon by employing relevant and effective low cost method was also presented giving more insights to the participants for local level exploration of biotechnology through valid scientific knowledge.

PROGRAM:

INTERDEPARTMENTAL SEMINAR

Organized by:

RESEARCH COMMITTEE

Sao Chang College

Date: 5th May 2023 Time: 2:00 PM Venue: Conference Hall

Chair Person:

Ms. Shilumongla T Sangtam, Assistant Professor in Economics,
Member Research Committee

Session 1:

Domovoy: Folkloristic Belief of Yimkhiung Naga Tribe

-Dr. Soyimla Akum, Assistant Professor, Department of English

Interactive session:

Session 2:

Sustainable Production of Activated Carbon

-Dr. Aola Supong, Assistant Professor, Department of Chemistry

Interactive session:

Vote of thanks:

Ms. Chideno Shitire,

Assistant Professor in Education, Member Research Committee

Authenticated



Principal
Sao Chang College
Tuensang : Nagaland

Rapporteur:

1. *Dr. S Arenla*, Assistant Professor, Department of Botany
2. *Dr. Kenilo Kath*, Assistant Professor, Department of History

LIGHT REFRESHMENT

FLIER

RESEARCH COMMITTEE

SAO CHANG COLLEGE



INTERDEPARTMENTAL SEMINAR

FACULTY TALK

Domovoy: Folkloristic Belief of Yimkhiung Naga tribe.

- Dr. Soyimla Akum, Department of English.

Sustainable production of Activated Carbon.

- Dr. Aola Supong, Department of Chemistry.

5th MAY 2023, 2:00PM

Venue: Conference Hall

**e-certificates will be given to all the participants*

LISTEN, LEARN & GROW TOGETHER.



2023 05 05 14:33

RESEARCH COMMITTEE
SAO CHANG COLLEGE TUENSANG, NAGALAND

Title of the activity: INTERDEPARTMENTAL SEMINAR 2023
 Date: 5th May 2023 Venue: Conference Hall Time: 2:00 PM
 Name of the paper presenters: Dr. Soyimla Akum & Dr. Aola Supong
 Nature of the program: Paper Presentation.

ATTENDANCE SHEET

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Various programmes organised for students, faculty

May 8, 2023

SCC Tuensang: Research Committee of Sao Chang College Tuensang organised its 2nd interdepartmental seminar on the theme, "Listen, Learn & Grow Together" on May 5 at the College Conference Hall. During the programme, papers on the topics, "Domovoy: Folkloristic Belief of Yimkhiung Naga Tribe" and "Sustainable Production of Activated Carbon" were presented by assistant professor, Dr. Soyimla Akam (English) and Dr. Aola Supong (Chemistry) respectively. Earlier, in a separate event, Alumni Committee, SCC organised a workshop programme on bamboo basketry for 6th semester students on May 3 at College Multipurpose Hall. The programme was sponsored by Alumni Association SCC in collaboration with Tribal Welfare Society, Saksi Colony, Tuensang with I Pallang Khamniungan and K.K Peshiu Khamniungan as resource persons. The program was organized with the objective of passing on the traditional knowledge of basketry to younger generation and educating the students about bamboo basketry as a sustainable craft, which has value in the environment protection endeavour, informed the college.