



PATKAI CHRISTIAN COLLEGE (AUTONOMOUS)

Chümoukedima- Seithekema B.P.O Patkai-797 103,

Chümoukedima District, Nagaland, India

Affiliated to Nagaland University

NAAC Accreditation: Grade B⁺⁺ (4th Cycle)

"A College with potential for Excellence" // A Post-graduate College

ACTIVITY DETAILS FORM

Name of the Activity	Hands on Training on Introduction to rDNA Technology: Basic Tools and Techniques
Date	10-03-2026 to 12-03-2026
Venue	ICAR- National Research Centre on Mithun, Medziphema.
Organised by	ICAR-NRCM, Medziphema
Participated by	PG II Semester Students -3 students
Objective	To gain hands on experience in laboratory techniques used in molecular biology.
Outcome	The training provided practical understanding on Recombinant DNA Technology and its basic tools. Students also learned techniques such as DNA isolation, quantification, PCR, Agarose Gel Electrophoresis and application of bioinformatics in biology research. The program helped the students to gain practical knowledge for their course on "Cell and Molecular Biology".

Faculty in-charge

Dr. J Sureni Yanthan

Assistant Professor

Department of Botany

LIST OF STUDENTS

SL.NO	ROLLNO	NAME	Signature
1.	25BOT01	ICIHEILE	ICIHEILE
2.	25BOT02	MARGARET KITHAN	Margaret.
3.	25BOT03	YOTO CHOTSO	Yoto

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GPS Map Camera

Medziphema, Nagaland, India 🇮🇳

Qr5r+hh3, I.c.a.r Colony, Medziphema, Nagaland 797106, India

Lat 25.757587° Long 93.842253°

Thursday, 12/03/2026 04:02 PM GMT +05:30



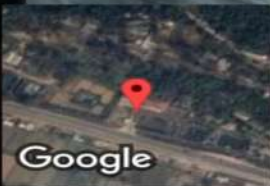
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Medziphema, Nagaland, India 🇮🇳

Qr5r+hh3, I.c.a.r Colony, Medziphema, Nagaland 797106, India

Lat 25.757725° Long 93.842273°

Wednesday, 11/03/2026 10:16 AM GMT +05:30



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Name of the Activity	Three Days Hands-on Training on Introduction to Recombinant DNA (RDNA) Technology: Basic Tools and Techniques
Date	March 10 -12, 2026
Venue	ICAR-National Research Centre on Mithun
Organised by	ICAR-National Research Centre on Mithun under DBT-Institutional Biotech Hub Project
Participated by	19 Students (UG VI Sem: 12 Nos.; PG I&II yr:7 Nos.)
Objective	* To introduce the fundamental principles of Molecular Biotechnology and rDNA technology. * To provide practical exposure to DNA isolation, PCR, and Primer Designing. * To familiarize participants with cutting-edge technologies like Next-Generation Sequencing (NGS) and Proteomics. * To emphasize the importance of laboratory biosafety and ethical practices in biotechnology.
Outcome	* Technical Proficiency: Participants gained hands-on experience in DNA extraction and PCR preparation. * Analytical Skills: The sessions on Bioinformatics and Primer Designing equipped participants with the digital tools necessary for modern biological research. * Assessment: The final quiz served as a benchmark for understanding, ensuring the core concepts of rDNA technology were successfully communicated.



Zevelou Koza

Faculty in Charge,
Dr. Zevelou Koza