



Department of Physics

Patkai Christian College (Autonomous)

Chümoukedima-Seithekema, B.P.O. Patkai- 797103, Chümoukedima District, Nagaland, India

Affiliated to Nagaland University
Recognised by UGC under 2F & 12B of the UGC Act 1956 in 1988

NAAC Accreditation: Grade B++ (4th Cycle)
A Post-Graduate College

Ref. No.

Date:24/08/2026

Members of the Board of Under Graduate Studies or Board of Studies (for PG Depts.)

Sl. No.	Name	Designation	Department/Affiliation
1	Dr. Y. Sundarayya	Professor & HoD	NU Lumami
2	Mr. Panchanan Thakur	Assistant Professor & HoD	Patkai Christian College
3	Dr. Anal Chandra Sarma	Associate Professor	Patkai Christian College
4	Dr. Molongnenla Jamir	Assistant Professor	Patkai Christian College
5	Mr. Sujit Sharma	Assistant Professor	Patkai Christian College
6	Dr. Abhishek Baruah	Assistant Professor	Patkai Christian College
7	Miss Vethitsolu Soho	Assistant Professor	Patkai Christian College

Name & Signature of HoD

Panchanan Thakur

DEPARTMENT OF PHYSICS
PATKAI CHRISTIAN COLLEGE

Minutes of the meeting of the Board of Studies held on 03-05-2025

The following members attended the meeting:

SL No.	Members Name	Designation	University/College	Signature
1	Dr. Y. Sundarayya	Professor & HoD	NU Lumami	<i>Y. Sundarayya</i> 03/05/2025
2	Mr. Panchanan Thakur	Assistant Professor & HoD	Patkai Christian College	<i>Panchanan Thakur</i> 03/05/2025
3	Dr. Anal Chandra Sarma	Assistant Professor	Patkai Christian College	<i>Anal Chandra Sarma</i> 03/05/2025
4	Dr. Molongnenla Jamir	Assistant Professor	Patkai Christian College	<i>Molongnenla Jamir</i> 3/5/25
5	Mr. Sujit Sharma	Assistant Professor	Patkai Christian College	<i>Sujit Sharma</i> 3/5/25
6	Mr. Abhishek Baruah	Assistant Professor	Patkai Christian College	<i>Abhishek Baruah</i> 3/5/25
7	Miss Vethitsolu Soho	Assistant Professor	Patkai Christian College	<i>Vethitsolu Soho</i> 3/5/25

The meeting began with a warm welcome address to all the board members by the chairman and then placed the agenda for discussion. After due deliberation and discussion, the following decisions have been taken in the meeting.

Panchanan Thakur
03/05/25
Mr. Panchanan Thakur
Chairman
BOS
Department of Physics



नागालैण्ड विश्वविद्यालय

NAGALAND UNIVERSITY

(संसद द्वारा पारित अधिनियम 1989, क्रमांक 35 के अंतर्गत स्थापित केंद्रीय विश्वविद्यालय)

(A Central University established by an Act of Parliament No.35 of 1989)

मुख्यालय : लुमामी, जिला : जुन्हेबोटो (नागालैण्ड), पिनकोड – 798627

HQ: Lumami, Dist. Zunheboto (Nagaland), Pin Code – 798627

वेबसाइट / Website: www.nagalanduniversity.ac.in

Lumami, dated 24th April, 2025.

To

The Chairman,

Board of Studies in Physics,

Patkai Christian College.

Sub.: Report on the Curriculum and Credit Framework of 3-Year/ 4-Year UG Syllabus in Physics – reg.

Sir,

Season's greetings.

I have gone through the copy of the proposed 3-year/ 4-year UG syllabus in Physics, prepared as per the Credit Framework. With reference to the above-mentioned subject, my observations on the Draft of the proposed syllabus for are as follows.

1. The no. of credits allocated for Major papers in Physics are 60 and 80 respectively in 3-year and 4-year UG syllabus in Physics, as stipulated in the Credit framework.
2. The no. of credits allocated for Minor papers in Physics are 24 and 32 respectively in 3-year and 4-year UG syllabus in Physics, as stipulated in the Credit framework.
3. The paper PHY319, Research Methodology with 04 credits is a compulsory paper, and is common paper across all disciplines with same syllabus. However, it is mentioned as one of the 06 optional papers in 07th semester.
4. The papers/ dissertation is proposed to be offered in the 08th semester so that the no. of credits for Major in Physics for a 4-Year UG program becomes 92 instead of 80. This is not appropriate. The syllabus needs to be modified as per the table at the end of the discussion.
5. A paper with one title (Name of the paper) should be given only one paper code. For example, PHY 303 and PHY 202 have the same titles with different codes. This redundancy needs to be corrected in the proposed syllabus. In addition, the names of the papers should not match with the same at PG course.
6. In the earlier versions of curriculum, a Major paper is differentiated from that of a Minor paper by the contents of the paper. The contents of a major paper were heavy and the contents of a minor paper used to be with reduced syllabus. However, the contents of a paper irrespective of a major paper or minor paper should be same with same title and same paper code, in the latest Credit Framework.

Dr. Y. Sundarayya, Professor & HoD, Department of Physics

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7. In the latest Credit Framework, major stream in physics and minor stream in physics is differentiated by the no. of credits that a student earns (60, 24 for 3-Year UG and 80, 32 for 4-Year UG), not by the contents of the course.
8. For example, a paper with title Electricity and Magnetism with paper codes PHY 303 and PHY 202 should have the same paper code and same contents, irrespective of being offered as a Major paper or Minor paper, as per the latest credit framework. This needs to be corrected in the proposed syllabus.

Minimum Credit Requirements to Award Degree under Each Category

Sl. No.	Broad Category of Course	Minimum Credit Requirement	
		3-Year UG	4-Year UG
1	Major (Core)	60	80
2	Minor Stream	24	32
3	Multidisciplinary	09	09
4	Ability Enhancement Courses (AEC)	08	08
5	Skill Enhancement Courses (SEC)	09	09
6	Value Added Courses common for all UG	06-08	06-08
7	Summer Internship	02-04	02-04
8	Research Project / Dissertation	-	12
	Total	120	160

Note: Honors students not undertaking research will do 3 courses for 12 credits in lieu of a research project / Dissertation.

I hope the above discussion may be useful to restructure and refine the syllabus as per the latest credit framework.

With Regards

Sd/-

(Prof. Y. Sundarayya)

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20.03.25

To

The Chairperson
Board of Studies
Patkai Christian College, Chumukedima, Nagaland

Sub : Feedback on the proposed four year Bachelor degree program in Physics.

Dear Sir,

This is to inform you that I have gone through the draft syllabus and credit distribution.

Given the local scenario, the content looks OK to me.

Paper coding system, however, is not very clear to me.

In 8th sem if one has to do research proj (402?), prerequisite should be the course 319. This condition is not reflected in the structure.

Kindly take care that these are consistent.

Best regards,

A handwritten signature in dark ink, appearing to read "Atri", with a small flourish at the end.

(Atri Deshamukhya)

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14.05.24

To

The Chairman,

BOS, Physics

Patkai Christian College, Dimapur

Sub: Feedback on proposed BSc Physics syllabus under NEP

Dear Sir,

This is to let you know that I have gone through the syllabus proposed for the four year Bachelor Degree Program in Physics.

The structure as well as the content looks OK to me. You may go ahead with it.

Best wishes,

(Atri)