



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

3.4.3 Number of research papers published in Journals during 2025-2026

Sl. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	
							Link to website of the Journal	Link to article/paper /abstract of the article
1	Holographic Einstein Rings of anti-de Sitter Black Holes with Higher-Derivative Corrections in Presence of String Cloud	Abhishek Baruah , Hazarika, B. & Phukon, P.	Physics	Prog. Theor. Exp. Phys.	June-25	2050-3911	https://academic.oup.com/ptep/article/2025/8/083E03/8220048	https://academic.oup.com/ptep/article/2025/8/083E03/8220048
2	Hemispherically and Longitudinally Asymmetric Ionospheric Response to the 23–24 March 2023 Geomagnetic Disturbances at Three Pairs of Conjugate Stations	Choudhary, M., Kalita, B. R., Rai1, B., Chakrabarty, D., M. Le Huy, Dung Nguyen Thanh, Wang, K., Hozumi, K., Abhishek Baruah , & Ahmed, N. U.	Physics	JGR Space Physics	Jun-25	2169-9402	https://agupubs.onlinelibrary.wiley.com/journal/21699402	https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2024JA033520
3	Holographic Einstein ring of AdS-Reissner–Nordström black holes with Euler–Heisenberg nonlinear electrodynamics	Abhishek Baruah & Phukon, P.	Physics	Nuclear Physics B	July, 2025	1873-1562	https://www.sciencedirect.com/journal/nuclear-physics-b	https://www.sciencedirect.com/science/article/pii/S0550321325002573



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4	Holographic fractional order phase transitions in CFTs dual to AdS black holes	Abhishek Baruah & Phukon, P.	Physics	The European Physical Journal C	July, 2025	1434-6052	https://link.springer.com/journal/10052	https://link.springer.com/article/10.1140/epjc/s10052-025-14608-w
5	Fish fauna of the Dibru River- a tributary of the Brahmaputra River, Dibrugarh District, Assam, Northeastern India, with a new range extension record of Pseudolaguvia vespa	Kensibo Pamai, Gurumayum, S. D., & Rai, B.	Zoology	Biological Diversity and Conservation	Aug. 2025	1308-5301	https://dergipark.ark.org.tr/en/pub/biodicon	https://dergipark.org.tr/en/pub/biodicon/article/1580370
6	L-proline-based organic-inorganic hybrid nickel phosphate as Noble-metal-free, recyclable heterogeneous catalyst for the multicomponent synthesis of tetrahydropyridines	Gaijuli, G., Merangmenla Aier , Kuotsu, M., Puzari, A. & Paul, B.	Chemistry	Inorganic Chemistry Communications	Feb. 2026	1387-7003	https://www.sciencedirect.com/journal/inorganic-chemistry-communications/vol/187/suppl/C	https://www.sciencedirect.com/science/article/abs/pii/S1387700326002819
7	Observational constraints on f(R,T) gravity coupled with NED from black hole QPO oscillations	Hazarika, B., Abhishek Baruah & Phukon, P.	Physics	Physics Letters B	Feb. 2026	1873-2445	https://www.sciencedirect.com/journal/physics-letters-b	https://www.sciencedirect.com/science/article/pii/S0370269326001735?via%3Dihub



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8	The moral economy: Reconstructing business ethics through philosophy and economics	Wojanbeni Shitiri Yanthan & Pongen, A.	Philosophy	International Journal For Multidisciplinary Research	May-26	2582-2160	https://www.ijfmr.com/?ga&gad_source=1&gad_campaignid=21510943845&gbraid=0AAAAo1_Qs4_8MAcijW2-w2E_Kitfzh7y&gclid=CjwKCAjw-rTUBhAiEiwADv8gBAav75743WE0Cex5vQTuRXDDKoqmOjXuqrlrvd-SKBVKNLkmPHgAphoCorgQAvD_BwE	https://s3-ap-southeast-1.amazonaws.com/ijmer/pdf/volume15/volume15-issue5(2)/7.pdf
9	The moral economy: Reconstructing business ethics through philosophy and economics	Yanthan, W. S., & Aosenla Pongen	Economics	International Journal For Multidisciplinary Research	May-26	2582-2161	-	-
10	Driving Financial Inclusion and Innovation in Banking Service: A Case Study on The Role of Nabard in Non-Farm Sector Development in Nagaland	Atosü Hibo & Mishra, A. K.	Commerce	IIBM, Guwahati Spl Issue	Aug-Dec 2025	-	https://iibm.ac.in/iibm@digest.php	-