Title of the Practice:

Development of Research Culture

Objectives of the Practice

- To develop research culture among the faculty members and students.
- To provide platform for knowledge sharing, academic exchange and intellectual interaction among students and faculty.
- To encourage the students in development of their talents, creativity and literary skills and to provide opportunities for publishing their original works with institutional support.
- To motivate faculty and students to carry out interdisciplinary and multidisciplinary research activity.
- To facilitate the publication of quality research articles, papers and creative works in reputed peer-reviewed journals, edited books, magazines of institutional publication and other organised academic national and international platforms.

The Context

Research is one of the vital components of any academic institution. Without a strong research culture, an institution functions merely as a centre for transferring existing knowledge rather thanas a hub for knowledge generation, innovation and intellectual advancement. Recognizing the importance of research in higher education, Bijni College has consistently endeavored to provide conducive research platform through Research, Innovation and Publication Cell, Bijni College Students' Union and departmental independent publications. These initiatives are aimed at fostering a vibrant research culture among the students and faculty members encouraging critical enquiry, creative thinking and dissemination of knowledge through publication and academic engagement.

The Practice

The college actively fosters a robust research culture among its teaching faculty by providing financial and institutional support. To bridge the gap between theoretical knowledge and practical application, the college implements a structured approach to student research work also.

- **Conference Support with Financial Assistance**

Financial assistance is provided to teaching faculty members once in a year to participate and present research paper in national, international seminars, conferences and workshops etc.

- **Research Project**

  The college actively encourages faculty to undertake research works. Currently, two research projects are carried out. One of them undertaken by Dr. Sewali Pathak, Associate Professor, department of Zoology on Solid Waste Management Vermi composting Rainwater Harvesting is funded by Assam Science & Environment Council & Climate Change Department of Assam Department of Assam Government & Ministry of Environment, Forest and Climate Change Department, Government of India and the other project undertaken by Dr. Prasanta Das on Survey on Supervision and Misbelieves among the Communities under Bijni Subdivision funded by Assam Science & Environment Council & Climate Change Department of Assam Department of Assam Government respectively contributing to research culture and academic advancement. In addition, under the supervision of Dr. Sewali Pathak, Associate Professor, Department of Zoology around 8 research projects funded by different national level funding agencies have been successfully completed.

Research Methodology Workshop

The college organized research methodology workshop at departmental level to equip the students with the foundational research skills. Students apply their acquired knowledge through mandatory paper presentations in departmental seminar which is organised regularly across all the departments.

- **Publication Incentives to Students**

  Students are encouraged to write research papers for the peer-reviewed ISSN journal and edited book with ISBN by giving special concession on publication charge.

- **Wall Magazine as Creative Platform**

  To nurture students' writing, editing and independent thinking skills every department independently design and edits a wall magazine based on specific themes. Prepared by students under faculty guidance, these magazines are displayed collectively to inspire creative writing and foster a spirit of healthy competition.

- **Educational Field Trip for Experiential Learning**

  Departmental field visit is organized regularly by some of the department to provide students with experiential learning opportunities outside the traditional classroom. Moreover, to develop in-depth insights among students about the indigenous Knowledge system and their integration into modern practices, the college organized series of academic as well as cultural programmes like Rongjali Bwisagu Borainai Fwrbw Falinai 2025 Celebrating the Cultural Legacy of Bodo Tribe, one Week Workshop on Celebrating Indigenous Flavour: A Taste of Heritage, Workshop on Preparation of Eco-Friendly Holi Colours, Cultural Heritage

of Bodoland: A Symposium on Indigenous Attire & Ornaments and Gwkha Gwkhwi Janai Showcasing Cultural Food Habits of Bodos during Bwisagu: Understanding the Medicinal Values.

- **Student-led Annual Publications**

  College follows student-led publications which include-

  Quanta

  The Annual Departmental Magazine of the Department of Physics, edited by the students and published its 9th edition in 2024-25

  Puthi

  The Annual Handwritten Magazine of the department of Bengali published since 2015 annually.

  Sparrow

  The annual handwritten magazine of the Department of Zoology, published for the session 2024–25.

  ALARI

  The Annual Magazine of Bijni College Bodo Literary Society which published its 22nd edition in 2025

  Annual Magazine of Bijni College

  The college's annual magazine continues to serve as an important platform for students to publish their literary and academic contributions.

Evidence of Success

The initiatives undertaken by Bijni College to promote research culture has yielded significant outcomes among faculty members, students and alumni. The following achievements collectively demonstrate the success of the college's initiatives in fostering a vibrant culture of research, publication among faculty, students and alumni.

As of now, out of67 faculty members (2025-26),17 have been awarded Ph.D degree., of which Dr. Urmila Poddar, Associate Professor Department of Bengali achieved the academic milestone by being awarded the D. Lit. degree in 2025. Currently, seven faculty members are pursuing Ph.D. programme under different Universities of Assam reflecting the institution's growing research culture.

The college has established a conducive environment for scholarly research publication by supporting faculty members as well as external contributors in publishing their research and creative works. A considerable progress has been seen over the year in publications 'Pratibha', a journal published by Women Awareness Cell, Bijni College since 2007 got its ISSN in 2014 and was upgraded into a Multilingual, Multidisciplinary, Peer-Reviewed

National Research Journal in 2023. The department of Economics also actively contributes research dissemination through its 'Economic Views' A Peer-Reviewed Research Journal of Social Sciences with ISSN.

Likewise, 'Anwesha', a Multilingual, Multidisciplinary Research based ISBN Edited Book has been published since 2019, providing valuable platform for academic sharing. Another milestone has achieved in 2026 with the successful publication of 'Inkwell', the first Students Authored Multilingual, Multidisciplinary Research Based Edited Book with ISBN by Research, Innovation and Publication Cell, Bijni College. This Research Based Edited Book is entirely institution's commitment to fostering the undergraduate and postgraduate students led research.

The College has also made significant contributions through publications of external authors and Women Writer group by assisting with ISBN and publication assistance. Recent publications include 'Jatugriha' by Manoranjan Sarmah, Ex- Faculty department of Political Science and 'Boroni Dwrwngary Fungkha', An Anthology of Poetry authored by Bodo Women Writers of Bijni Area.

The writings of faculty have received recognition at state and national levels.

Dr. Birhash Giri Basumatary, Principal of Bijni College was awarded Sahitya Akademi by Ministry of Culture, Government of India in 2026

Dr. Gobinda Baishya, Assistant Professor of Assamese department and Swrangsar Daimary, guest faculty of the department of Bodo were both awarded Yuva Lekhak Sanman-2025 by Assam Government in 2025.

The impact of institutions effort is reflected in accomplishment of its current students and alumni.

Two students of department of education published poetry book with ISBN in 2026. Among the alumni Aron Raja, a prominent author of Bodo community received Sahitya Akademi Award in 2024.Moreover, Dwijee Muchahary, Rakheb Basumatary, Bilipang Daimary, Alumni of Bijni College were awarded Yuva Lekhak Sanman by Assam Government in 2025.

Problems Encountered and Resources Required

High student teacher ratio create problem to keep individual attention in research work of students. Moreover, large number of students limits the time teacher can dedicate to their own research pursuits.

Significant amount of fund is required for field-based research work which is not literally possible to provide the students.

Inadequate infrastructure specially lacks of individual table and spacious departmental faculty rooms hinder in carrying out research practice as research activities need dedicated environment and deep analytical focus.

Furthermore, the lack of well-ventilated library facility creates an uncomfortable working condition for a long-time literature review and research activities.

"Best Practice Report Compiled by Dr. Kusum Brahma, Convenor, Institutional Values & Best Practices Monitoring Committee, IQAC, Bijni College"

