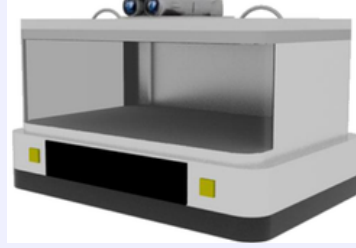


Shaping the Future Through Research, Innovation, and Global Engagement at Moran College

Design Patent received; for Animal-Friendly Research Apparatus

Dr. Budhin Gogoi, Assistant Professor in the Department of Zoology at Moran College, has been awarded a design patent for an innovative "Modular Animal Observation and Containment Apparatus" by the Patent Office, Government of India. The patent, granted on April 1, 2026, recognizes the collaborative effort of Dr. Gogoi and his team members—Professor Dr. Rezina Ahmed, Mr. Bhargov Borah, Mr. Pranab Kumar Das, and Mr. Ali Ashique Iqbal. The newly patented apparatus stands out for its distinctive external design, modular configuration, and adaptable visual arrangement. These features enable flexible assembly while ensuring a non-intrusive and animal-friendly structure. The design is particularly aimed at improving ethical standards in wildlife and veterinary research. Speaking about the innovation, sources from the institution noted that the apparatus aligns with the growing global emphasis on human and ethical research practices. Its modular nature allows researchers to customize setups according to specific study requirements without compromising the comfort and safety of animals. The achievement marks a significant milestone for Moran College, highlighting its contributions to research and innovation in zoology and animal welfare.



Design patent for "Smart Education Kiosk Device"

Mrs. Jyotshna Kaman, Associate Professor, Department of Education, Moran College, has been awarded a design patent for a "Smart Education Kiosk Device" by the Patent Office, Government of India, on September 11, 2025. The patent was granted in collaboration with her team members—Tribeni Saikia, Mrs. Alaka Gogoi, Swapnalima Choudhury, and Dibakar Bordoloi.



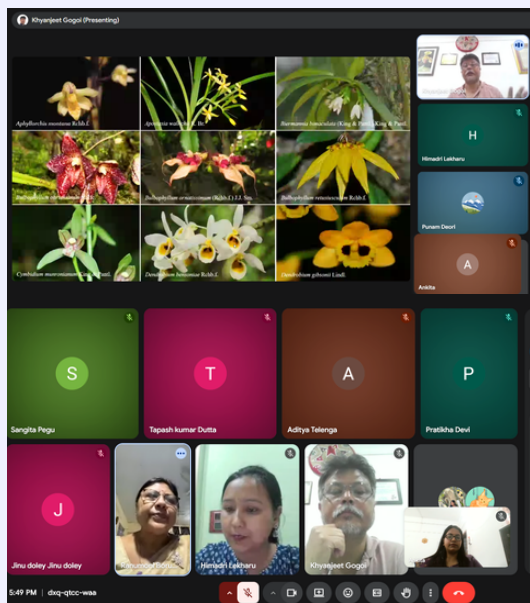
The innovation is a self-learning digital interface machine designed to enhance modern educational practices. This achievement marks a significant contribution to the field of educational technology and highlights the growing research and innovation initiatives at Moran College.

International Recognition and Research Advancement

Ms. Ankita Purkayastha, Assistant Professor in the Department of Botany at Moran College, has been awarded the Second Best Presenter Award at a Two-Day International Symposium on Science, Sustainability, and Advancements in the Natural World, held from March 27–28, 2026. The event, organized by DBT-IBT Hub, Nanda Nath Saikia College in collaboration with national and international institutions, witnessed participation from researchers across the globe. She was recognized for her oral presentation titled "Decoding the Resistance Reservoir: Innovative Surveillance of Efflux-Mediated MDR *Citrobacter* spp. for Sustainable Healthcare Environments," which addresses key challenges in antimicrobial resistance and sustainable healthcare.

In addition, Ms. Purkayastha has recently published her second Scopus-indexed research paper entitled "Fungal Endophyte-Enhanced Phytoremediation of Persistent Organic Pollutants: Mechanisms," in a Q1 journal, "World Journal of Microbiology and Biotechnology," with an impact factor of 4.2 by Springer Nature. Her accomplishments highlight the growing research output and academic excellence at Moran College.

Eco Club continues AVEP Series; proceeds with Insightful Second Session



The Eco Club, Moran College, in collaboration with the Environment & Climate Cell and the Department of Botany under the aegis of IQAC, organized a One-day State-Level Online Orientation-cum-Popular Talk under the Across Valley Education Programme (AVEP), aimed at promoting academic interaction and collaboration between the two valleys of Assam.

The highlight of the programme was a talk on "Conservation of Orchids: Preserving Nature's Delicate Treasure" by Khyanjeet Gogoi, the orchid man of Assam. He shared his inspiring journey and emphasized the ecological importance of orchids, the threats they face, and the need for conservation. The session provided valuable insights into orchid diversity and motivated students towards biodiversity conservation. With active participation from students and faculty, the programme was both engaging and successful.

Students Shine with Book Chapter Publication

Final-year students Luna Gharphalia and Bitupan Chuladhara of the Department of Botany have successfully published a book chapter with an ISBN, marking a significant academic achievement. The chapter, titled "Cultivation of Oyster Mushroom: A Comprehensive Guide with Solutions to Common Problems," has been published under the guidance of Mridusmita Dutta, Assistant Professor, Department of Botany. This accomplishment highlights the students' dedication to research and practical application in botany, particularly in sustainable, economically important practices such as mushroom cultivation. It also reflects the department's commitment to encouraging undergraduate research and academic excellence.

Moran College e-Campus App Launched

The official mobile application of Moran College, Moran College e-Campus (formerly Moran College Official), has been launched by Dr. Pragnyan Phukan, Assistant Professor, Department of Physics. The app is now available on the Play Store and serves as a platform for all college notices, updates, and important notifications. Students are advised to enable notifications during app installation to receive timely updates. The iOS version of the application will be released soon. App Link: <https://tinyurl.com/morancollege-e-campus>

SCAN & INSTALL



Moran College e-Campus

SIGNIFICANT ACHIEVEMENTS OF STUDENTS

Orientation on Internship and Community Engagement



On 29th April, 2026 an orientation session for the Internship and Community Engagement paper of the 5th Semester was held to introduce students to various internship opportunities and emphasise experiential learning. The session included presentations by Liaeifor Foundation in collaboration with IAS Tangent, and the District Computer Center. Mr. Abhigyan Konwar highlighted training areas such as Entrepreneurship Development, Artificial Intelligence, Robotics, 3D Printing, Tourism, Sales and Marketing, Community Development, and Social Research. A representative from the District Computer Center focused on the importance of digital skills and introduced various computer training programmes. The session concluded with an interactive discussion where students asked questions regarding the internship structure and registration process. Overall, the session was informative and encouraged students to engage in skill-based learning.



Pohar Buragohain, a 6th Semester student of the Department of Physics, Moran College, secured a position among the Top 10% at the Centre level in the National Graduate Physics Examination (NGPE-2026), conducted by the Indian Association of Physics Teachers. The achievement reflects his academic excellence in physics.



Banyani Gogoi, a 6th-semester student of the Department of Zoology at Moran College, has brought laurels to the institution by securing more than 7 prizes, including the prestigious titles of "Axom Konwari" and "Borbihuwoti". Her remarkable achievements highlight her dedication, talent, and excellence in cultural performance.



Sharat Jyoti Gogoi, a student of the Department of Political Science, Moran College, secured 1st prize in the All Assam Open Quiz Competition organised by Demow Kendriya Rongali Bihu Sanmilan.



Students from the Botany Department of Moran College, Lina Gharphalia and Luna Gharphalia, participated in the Spring Festival and Rice Festival 2026 held in Dimapur, organized by the North East Zone Cultural Center (NEZCC) in collaboration with the South Central Zone Cultural Center (SCZCC). The cultural event featured folk performances from various North Eastern and South Central states.

Session on Stress Reduction through Zentangle Art

On 2nd April 2026, a session on Stress Reduction through Zentangle Art was conducted by the Mental Health Club, Moran College, in association with the Department of Education. The program aimed to promote students' mental well-being and creative relaxation. The session was conducted under the guidance of Dr. Rini Sonowal, Assistant Professor, Department of Education. It provided students with an opportunity to explore art as a means of reducing stress and enhancing mindfulness.



NSS Volunteers Perform Street Play During SVEEP Icon Visit

On 1st April 2026, NSS volunteers of Moran College performed a street play during the visit of State SVEEP Icon Mr. Rakesh Banik to Sonari, Charaideo. Mr. Rakesh Banik is a pioneering paracyclist from Assam and the first international paracyclist from Northeast India. As a State SVEEP Icon, he actively promotes voter awareness and participation. The street play aimed to spread awareness about the importance of voting among the public.



MoU in Action: Moran & Sonari Botany Departments Organize Exchange Programme



The Department of Botany successfully organized a one-day hands-on training program on "Basic Bioinformatics Tools & Techniques" under the Student Exchange Program, as part of its MoU with Sonari College. The program featured 10 students from the Department of Botany of Sonari College. The session was conducted by Ankita Purkayastha (Asst. Prof. & HOD, Department of Botany), focused on practical, syllabus-oriented learning. Students were introduced to essential bioinformatics concepts, including nucleotide and protein databases, sequence retrieval methods, sequence alignment, and the use of BLAST (Basic Local Alignment Search Tool). They also gained hands-on experience in multiple sequence alignment and phylogenetic tree construction using CLUSTALW. Overall, the program proved highly beneficial, significantly enhancing participants' practical knowledge and understanding of key bioinformatics tools relevant to their curriculum.

The Department of Botany, Sonari College, successfully organized a one-day hands-on training programme on "Herbarium Preparation of Live Plant Specimens" under the Student Exchange Programme, as part of its MoU with Moran College. The programme was attended by 4th-semester students of the Department of Botany, Moran College. The session was conducted by Dr. Pranati Gogoi, Assistant Professor, Department of Botany, Sonari College, and focused on practical, syllabus-oriented learning. Students were introduced to techniques for collecting plant specimens, pressing, drying, mounting, labeling, and preservation. They also gained hands-on experience in preparing herbarium sheets using live plant specimens and learned the importance of proper documentation in plant taxonomy. Overall, the programme proved highly beneficial in enhancing students' practical knowledge and skills.

EDITORS' SPECIAL

A Step Towards Sustainability: Minimizing Plastic Waste at Moran College

Moran College has taken a significant step towards environmental sustainability by adopting an eco-conscious approach within its campus facilities. The Central Canteen and Coffee Shop of the college exclusively serve freshly prepared, handmade food items, including traditional pitha, sweets, and bakery products. Notably, no plastic-packaged food items such as chips, chocolates, or other single-use plastic products are sold on campus. As a result of this conscious initiative, plastic waste generation within the college has been substantially reduced. Currently, plastic water bottles remain the only notable plastic product available on campus. A recent survey conducted within the college premises revealed that, apart from these bottles, there is no other significant source of plastic waste.

While achieving a completely zero-plastic zone may not yet be feasible, Moran College has successfully minimized its plastic footprint to a remarkable extent. This initiative stands as a model green practice, reflecting the institution's commitment to sustainability and responsible consumption. Special acknowledgment is due to Mrs. Purnima Konwar and Mrs. Asha Sarkar, whose dedication and efforts in running the canteen and coffee shop have been instrumental in implementing and sustaining this eco-friendly practice.

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