



Vol. IX (July, 2023- June, 2024)

M.C. COLLEGE NEWSLETTER

Editor: Dr. Sameeran Kumar Das

Co-editor: Mr. Nabajyoti Baro



Message from the Principal

Dear Students, Faculty Members and College Community,

It is with great pleasure that I extend my warmest greetings to you all as we reach on another promising academic session, 2023-2024. Our institution is already recognised as a hub of learning, innovation and holistic development, and this year is also no exception. This session, we work hard to further enhancing our academic programmes, extra-curricular activities and infrastructure development to provide a conclusive learning atmosphere. I encourage all students to actively participate in the various opportunities available to them making the most of their time at our college. As we move forward, let us continue to uphold the values of integrity, perseverance and respect. Together, we will make a legacy of excellence and make this academic year a memorable and successful one.

Thanking you all.

Warm regards,

(Dr. Prakash Sarma)

Principal, Madhab Choudhury College, Barpeta



From the Editor's Desk

At the end of 2023-2024 academic year, M.C. College Newsletter stands as a tribute to the vibrant spirit and firm dedication, which signifies Madhab Choudhury College. This year is being marked by remarkable and dynamic range of co-curricular activities and academic achievements.

On the academic, our students have showcased outstanding performance. With a focus on holistic learning, Madhab Choudhury College has introduced innovative teaching methodologies and research initiatives as well as collaborations that have enhanced the educational experiences. Our faculty members have remained committed to nurturing intellectual curiosity. They have participated in seminars, workshops, and academic conferences which further strengthened College's reputation as a hub of scholarly excellence.

At the same time, Madhab Choudhury College has witnessed a vibrant arena of co-curricular activities, where students have explored and enhanced their talents. They enthusiastically participated in the Annual College Week, University Festivals etc along with various other events which have been regularly arranged by the college during the year. Moreover, our students have actively engaged in community service through NCC, NSS etc., embodying a strong sense of social responsibility.

As we reflect on this fulfilling year, we extend our heartfelt gratitude to our dedicated faculty members, our students, and also the supportive administrative staff. Your collective efforts have made this year a successful one. Let the M. C. College Newsletter serve as a celebration of our collective achievements and be an inspiration for the future journey.

Dr. Sameeran Kumar Das
Editor

Campus News

Library Orientation Programme for Freshers

Kameswar Das Library hosted a comprehensive "Library Orientation Programme" for newly admitted students of the 2023-24 academic session held from 24th August to 11th September, 2023. The programme drew enthusiastic participation from students across all departments, accompanied by esteemed faculty members. The library team presented an informative session, covering all aspects of library services, resources, and facilities, to help students make the most of their academic pursuits.



Members of the Publication Cell:
Convener: Dr. Dip Kr. Bhattacharjya

Published by:
Publication Cell (under IQAC), Madhab Choudhury College,
Barpeta, Assam

Members: Dr. Indrajyoti Roychoudhury, Dr. Sanjib Deuri,
Dr. Chiranjit Baruah, Dr. Pratyush Purakayastha,
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Dr. Arjun Adhikari, Ms. Pummy Sinha, Mr. Roman Borgohain

Madhab Choudhury College, Barpeta Assam. Visit us at : <http://www.mccollege.edu.in>



Celebration of National Sports Day

National Sports Day was observed in Madhab Choudhury College on 29th of August 2023.



Friendly Football match

An interclass friendly Football Match was organized in Madhab Choudhury College among the students on 18th of September, 2023.



Celebration of National Unity Day

National Unity Day (Rashtriya Ekta Diwas) was observed on 31st October, 2023 in Madhab Choudhury College in presence of District Commissioner, Barpeta.



College week

The 83rd College week of Madhab Choudhury College was held in 5th to 10th of February, 2024. Some snapshots from various events.

National Science Day

National Science Day-2024 was organised successfully with a day long programme on 28th February in the college premises in collaboration with Assam Science Society and Aryabhata Science Center, Barpeta Branch. The Vice Chancellor of Bhattadev University inaugurated the programme where the Principal of FAAMCH was also present as the invited guest. Science model exhibition, poster making, quiz and extempore speech competitions were organised among the school students and college students in two groups. One Planetarium was also displayed by the Bharat Jana Vigyan Jatra in the college auditorium. Other programmes include night sky vision, magic show, student teacher interaction along with a panel discussion.



Celebration of Chatra Divas

The birth anniversary of Bodofa Upendra Nath Brahma was as celebrated as "CHATRA DIVAS" in Madhab Choudhury College premises on 31st March, 2024. The event was coordinated by Dr. Gobinda Brahma, Roman Borgohain and Daisy Brahma where faculty members of the college, Dr. Abani Kumar Das and Dr. Bipul Sarma provided valuable insights to the students regarding the philosophy and life of Bodofa Upendra Nath Brahma.



Merit Scholarship Award

An Award distribution ceremony for distribution of scholarship for Merit Scholarship Test (MST 24) for the session 2023-24 of Madhab Choudhury College, held on 22.05.2024 in presence of the Principal and IQAC Coordinator. Six 2nd semester students namely Imdadul Hoque, Joyshree Pathak, Nitish Kumar Sutradhar, Jerifa Wahid, Rahanur Alam Choudhury and Ikbal Hussain received their certificates along with the fellowship amount. We wish all the students for their bright futures.



Achievements of the students

Manisha Das, a student of B.A (Honours) of the Department of Anthropology, has secured the 1st class 1st position in Anthropology in the B.A. Final Examination, 2024 held under Gauhati University. Congratulation to Manisha and her Department for this excellent achievement.



Champa Haldar, a PG 2nd Semester student of Botany Department has cleared GATE examination in her first attempt. Congratulation to Champa and her Department for this inspiring achievement.

Kishon Kumar Das (B.A 6th Semester) of Political Science Department has cleared the GATE examination with All India Rank 93. Congratulation to Kishon and his Department for this inspiring achievement.

Jyotirgamay Bhuyan, a student of Madhab Choudhury College, won 2nd position in Classical Instrument Solo (Percussion) category and 3rd position (Bronze) in Folk Orchestra (Group event) in 37th Inter University North-East Zone Youth Festival 2023-2024 (KARMOTSAV 2.0) held in Royal Global University, Guwahati. representing Gauhati University. He won 2nd position in the Classical Instrument solo (percussion) and in Folk Orchestra competition (Group event) at the 37th Inter-University "Hunar 2024-Harvesting National Talent" organised by Punjab Agricultural University, Ludhiana from 28th March to 1st April 2024 representing Gauhati University. He won 1st position (Gold) in percussion in Gauhati University South West Zone Inter-College Youth Festival held at Nirmal Haloi College, Patacharkuchi from 5th to 7th October, 2023. He also won 1st position (Gold) in percussion at Gauhati University Inter-College Youth Festival, 2023 held in Gauhati University representing the college from 1st to 5th November, 2023. Jyotirgamay was also recognised as 'B' graded artist in "Khol Vadya" by All India Radio, Guwahati. We are proud of him. Many congratulations to him.

Manali Ojah, a student of Madhab Choudhury College, won 2nd position in Bhupendra Sangeet during in Gauhati University South West Zone Inter-College Youth Festival held at Nirmal Haloi College, Patacharkuchi from 5th to 7th October, 2023. She won 3rd position (Bronze) in Bhupendra Sangeet Competition at Gauhati University Inter-College Youth Festival, 2023 held in Gauhati University representing the college from 1st to 5th November, 2023. Congratulations to Manali.

Hemanga Ranjan Mudoi, a student of Madhab Choudhury College, won 1st position (Gold) in Borgeet competition and 2nd position (Silver) in Bhupendra Sangeet competition at Gauhati University Inter-College Youth Festival, 2023 held in Gauhati University representing the college. Many congratulations to him.

Ranjan Bikash Das, a student of Madhab Choudhury College, got selected to attend High Performance Fitness Camp for U-19 Boys from 7th-9th April, 2024 at ACA Stadium, Barsapara, Guwahati. Congratulations to him.

Sagarika Das, a student of Madhab Choudhury College, won Gold in Kumite of the event ASSAM MKYOKUSHIN CUP Open Full Contact Karate Championship on 19th November, 2023 at Guwahati, Assam. Congratulations to her.



Different activities inside and outside the college campus

Career Counselling and Competitive Exams Cell

i) A Recruitment Camp for the field officers was organised by VFS CAPITAL LIMITED in collaboration with Career Counseling and Placement Cell, Madhab Choudhury College on 6th March, 2024. Five numbers of students got selected in the recruitment process. Congratulations to all-Faridul Hassan, Pritam Das, Rahman Ali, Sangam Jyoti Das, Akhirul Islam.

VFS Capital LTD CAMPUS DRIVE for CSR post									
Venue: MC College, Barpeta					Date: 06/03/2024				
Total Participants	From MC College		From Out side		No. of Selected candidates from MC College	No. of Selected candidates from Out side	Selected candidates from MC college		
	Student	Ex-Student			Student	Ex-Student	Name	Student/Ex-student	Studing in
16	7	4	5	4	1	1	1. Faridul Hasan	Student	BSc 4th SEM, (Chemistry)
							2. Pritam Das	Student	BA 6th SEM (History)
							3. Rahman Ali	Student	BSc 6th SEM, (Maths)
							4. Sangam Jyoti Das	Student	Completed BSc (physics) in 2016
							5. Akhirul Islam	Ex-student	NA



ii) A Three-day E-Certificate Workshop on Aptitude Preparation Programme, organized by the Career Counselling Cell, Madhab Choudhury College, in collaboration with T.I.M.E., from 20th June to 22nd June, 2024. The event attracted around 70 enthusiastic students eager to enhance their aptitude skills. The workshop was led by prominent experts in

the field: Mr. Soumen Das, Director of T.I.M.E. Guwahati; Adeep Rajkhowa, a respected faculty member specializing in Quantitative Aptitude; and Shekharvan Hazarika, Business Development Manager at T.I.M.E. Guwahati. These professionals bring a wealth of knowledge and experience to the sessions, ensuring that participants gain valuable insights and techniques. Throughout the programme, students are being trained in a variety of essential aptitude skills which include personal interview techniques, speed mathematics, logical reasoning, and verbal ability. The comprehensive curriculum is designed to equip students with the necessary tools to excel in competitive government examinations such as UPSC, APSC, and SSC. This workshop represented a significant opportunity for students to develop their aptitude and reasoning skills, which are critical for success in numerous career paths. The collaboration between Madhab Choudhury College and T.I.M.E. underscores a commitment to providing high-quality educational resources and support to students, paving the way for their future professional achievements.



Eco club

- A popular talk **"Fixing the ozone layer and reducing climate change"** was organized on 15th of September, 2023 in commemoration with the **"World Ozone Day, 2023"** at the Department of Physics, Madhab Choudhury College. This programme was supported by Assam Science Technology and Environment Council and Science Technology & Climate Change Department, Govt. of Assam.
- The World Water Day was celebrated on 22nd March, 2024 by the Eco Club Unit of Madhab Choudhury College. The theme was **"Water of Prosperity and Peace"**.
- A workshop on Solid Waste Management was organized on 28th May, 2024 with an aim to provide the participants with essential knowledge and practical insights into the management of solid waste effectively. The resource person was Mr. Chiranjib Mili, Assistant Professor, Dept. of Botany, B P Chaliha College, Nagarbera. The resource person for the Hands-on- training programme was Mrs. Sanjita Sutradhar, President, Akashi NGO, Mushalpur, Dist-Baksa.
- A workshop on Vermicomposting was organized by ASTEC (Assam Science Technology and Environment Council) in collaboration with ECO CLUB, Madhab Choudhury College, on 21st May, 2024. Dr. Hemen Deka, Assistant Professor, Dept. of Botany, Gauhati University, Guwahati and Mr. Tridip Boruah, Assistant Professor, Dept. of Botany, Madhab Choudhury College were the resource persons for the workshop.
- On the occasion of **"World Environment Day, 2024"**, the College Environment and Climate Cell & Eco Club, Madhab Choudhury College, organized a popular talk on the theme **'Land Restoration, Desertification, and Drought Resilience'**.



NSS

- Panch Pran Pledge as a part of 'Mera Maati Mera Desh' campaign:** On 11th August, 2023, this programme was organized as a part of **'Mera Maati Mera Desh'** campaign by NSS, Madhab Choudhury College. Teachers and students of Department of Anthropology along with NSS volunteers of Madhab Choudhury College were participated in this programme. Altogether 30 students/NSS volunteers were participated in this programme.

- Har Ghar Tiranga:** This programme was organized on 14th August, 2023, as a part of **'Azadi Ka Amrit Mahotsav'** campaign by NSS, Madhab Choudhury College. NSS volunteers of Madhab Choudhury College, were participated in this programme. Altogether 39 NSS volunteers were participated in the programme.

- Plantation Drive:** This programme was organized as a part of **'Amrit Brikshya Andolan'** campaign on 17th September, 2023. NSS volunteers and Students of Department of Anthropology were participated in this programme. Altogether 80 NSS volunteers and students of Anthropology Department were participated in this programme.

- Orientation cum Training Program on "Faecal Sludge and Septage Management (FSSM) and Faecal Sludge Treatment Plant (FSTP) Programs":** This programme was organized on 19th October, 2023, by the office of the Barpeta Municipal Board in collaboration with NSS, Madhab Choudhury College Unit and Department of Anthropology. NSS volunteers and Students of Department of Anthropology were participated in this programme. Altogether 79 NSS volunteers and students of Anthropology Department were participated in this programme.

- One Hour of Shramadaan for Swachhata:** This programme was organized on 1st October, 2023, by the office of the Barpeta Municipal Board in collaboration with NSS, Madhab Choudhury College Unit and Department of Anthropology. NSS volunteers and Students of Anthropology Department of Madhab Choudhury College were participated in this programme.

NCC

NUKKAD NATAK ON "PUNEET SAGAR ABHIYAN" by Madhab Choudhury College NCC unit on 9th September, 2023:

This program was organized by Madhab Choudhury College NCC unit in connection with the campaign "PUNEET SAGAR ABHIYAN" which was launched by NCC in December, 2021 to clean sea shores, beaches, and other water bodies including rivers and lakes, of plastic and other waste and increase awareness amongst the local population about the importance of keeping the beaches and river fronts clean. In this campaign total of 30 NCC cadets, CTO NCC of Madhab Choudhury College along with Honourable C.O. of 7th Assam BN NCC Dhubri Colonel Neeraj Trivedi and Two PI Staff have participated. A "street play" was conducted at the Paanch Ali Chok, Barpeta Town on the topic "Importance of preventing Plastic Pollution". The main objective of this Abhiyan was to educate the locals and sensitize them about how plastic harms our health and environment.



Departmental activities

Department of Botany

PG Department of Botany celebrated five important events during the session 2023-2024. The Department celebrated i) World Tourism Day-2023 on 27.09.2023; ii) World Wildlife Week-2023 on 03.10.2023, iii) World Wildlife Day-2024 on 04.03.2024; iv) International Day of Forest-2024 on 21.03.24 and v) World Water Day-2024 on 22.03.2024. All the faculty members and students of the Department were actively engaged in the events organized for the occasions. Department also organised i) a one day field visit to Daffodil Nursery and Daffodil College of Horticulture, Khetri on 04.10.2023; ii) three-days educational excursion to Shillong, Meghalaya during 5th-7th October, 2023; iii) seven-days educational excursion to Arunachal Pradesh during 11.10.23 to 17.10.2023; iv) a one-day Lab visit to Guwahati Biotech Park, Science, Technology and Climate Change Department, Tripti Nagar, Amingaon, Guwahati-31, Kamrup (M), Assam on 07.03.2024; v) one day field study to Saralpara, Kokrajhar, Assam on 18.05.2024; for the students of the department. Moreover, an extension activity on Science for All was organised by the department on 24.08.2023. A Parent-Teacher Meet was organised on 13.10.2023. The department also organised a one-day workshop on "Enhancing the Research Output through DrillBit Antiplagiarism Software". The Resource person of the workshop was Mr. Nitya Nanda Pathak, Assistant Librarian, Gauhati University.

Department of Chemistry

A series of Lecture series on "Women and Science" was started by the Department of Chemistry with the objective "Cross-cutting issues: Gender Sensitization" with the involvement of the students of the department. The first lecture on the series was held on 19.09.2023. This lecture series was continuously practiced later on 16.10.2023 and 23.12.2023. As a part of this Lecture series, a programme was organised by the Department of Chemistry on 29.12.2023 in Kasturba Gandhi Balika Bidyalaya, Moutupri, Barpeta on the topic 'Women and Science'. Three students of B.Sc. Honours programme namely Mehtaz Rahman (B.Sc. 5th semester), Naina Aktar (B.Sc. 5th semester) and Sonalika Ghosh (B.Sc. 3rd semester) delivered talks on women scientists Rosalin Franklin, Ashima Chatterjee and Marie Curie respectively and elaborated their contribution towards the society. More than 50 students and the teachers of the school participated in the programme. Another programme "Scientific News Broadcast" was also introduced in the department where students were informed about the latest news related to the scientific world. Here also, students are mainly involved. Moreover, the students of Department also published 12 issues of its monthly wall magazine "Molecules of The Month" successfully. A brainstorming session on "How to prepare a perspective plan" was organized by the Department of Chemistry on 11.09.2023 in the presence of principal and other faculty members of Madhab Choudhury College. A talk on "Quantum Dots: Unveiling the Wonders of Nanoscience" was organised by the Department on 09.10.2023 for which Nobel Prize in Chemistry was awarded in 2023.

Department of Economics

As a part of the Lecture series on Nobel Prize in Economics, a talk was organized by the Department of Economics on the Topic "Understanding Women's Labour Market Outcomes" on 14th of October, 2023. Dr. Parthapratim Choudhury delivered a lecture on the above-mentioned topic and discussed the Works and contributions of Claudia Goldin, winner of Sveriges Riksbanks Prize in Economic Sciences in Memory of Alfred Nobel in the year 2023.

Department of Education

An extension activity was organized by the Department of Education on 03.11.2023 to study education and economic status of Santhal community of Narayanguri village of Basbari, BTAD, Assam. The student of B.A. 6th semester Honours, Department of Education, presented their Power point Presentation on different topics relevant to present society on 06.06.2024.

Department of English

A talk on "Poetic Consciousness of T. S. Eliot and Modernism in Assamese Poetry" was organized by the Department of English, on the occasion of 135th birth anniversary of T. S. Eliot on 26.09.2023. The talk was delivered by Dr. Birinchi Kr Das, Principal, Barpeta Girls' College, Barpeta. Students of Department of English, recorded soliloquies and poems in their voice at Radio Barpeta 90.4, for broadcast on the occasion of International English Language Day on 23rd April, 2024.

Department of Geography

On 23.10.2024, a household survey was conducted by the students of 5th semester of Department of Geography, in the Muslimpatty area of Barpeta Town to understand the socio-economic status of the area. The survey was held under the supervision of Dr. Koncheng Buragohain. Another survey was conducted on 26.11.2024 by the SEC students of 3rd semester of the department, in the Chunpura village of Jania to understand the impact of channel shifting of the Beki River on the people and their livelihood. The survey was held under the supervision of Dr. Koncheng Buragohain and Dr. Arzufa Khanom.

Department of Philosophy

Department of Philosophy celebrated the "World Philosophy Day, 2023" on 18.11.2023. As part of the celebration, the department organized an Essay Competition among the students. Also, arranged a fruitful discussion on Philosophical Analysis of the theme of the event which was entitled "Reflection and Critical Thinking about the World's Greatest Challenges".

Department of Physics

A group of 52 students of FYUGP 1st semester of Department of Physics, have visited ITI, Barpeta on 12th October, 2023. The field visit was carried out to give exposure to the students about various instruments related to their SEC paper SEC0107803 (Physics Workshop Skills). During the visit two faculty members along with one laboratory bearer accompanied them.

Department of Zoology

Students of the Department of Zoology participated in a special lecture programme on "Central Control of Reproduction" on 22nd September, 2023, organised by the Department of Zoology, Gauhati University for celebrating Azadi ka Amrit Mahotsav. A Field trip to Govt. Sericulture Farm, Howly was organised by the department, on 4th November, 2023 for students having Sericulture as Skill Enhancement Course. Students of the B.Sc. 3rd Semester of the department, on 17th November, 2023; visited the Fish Biodiversity and Heritage Museum at Barama. A discussion on ornamental fishes of Northeast India, their availability and threats were also held between the students and Dr. Nripendra Nath Sarma (Retd. Principal I/C Bajali College, Pathsala). Students of Zoology Department presented a Poster on International Conference on Emerging Trends in Biochemistry (ICEBT-2024) at Nalbari College on 11th March, 2024. An educational tour was organized by the department of zoology to Manas Maozigendri Ecotourism Society (MMES) and Manas National Park on 25th April, 2024 where students of B.Sc. 6th semester (Regular) and FYUGP 2nd semester took part. The tour also included a lecture where the President and Secretary of MMES delivered a speech regarding the origin of it and the problem and prospects of this National Park. The students have learnt about the ecotourism practices from the experts of the MMES.

Achievement of the Faculty Member



Mr. Parthapratim Choudhury, Department of Economics, has been awarded the Degree of Doctor of Philosophy for his thesis entitled "An Econometric Analysis of Bell Metal Industry of Sarthebari with Reference to Production, Employment and Income Generation and Profitability", by Bodoland University, Kokrajhar, vide notification No. BU/ACA/Ph.D. AWARD/12/278 Dated 21.09.2023.

Intellectual efforts of the Faculty Members



Mr. Sarat Chandra Bhuyan, Department of Anthropology, published one book entitled Nritattwar Ruprekha: A text book in Assamese on Anthropology as per New Syllabus of AHSEC for Higher Secondary Second Year, published by Lucky Book Stall, Barpeta (Assam), Year of publication: 2024 (April), ISBN 978-93-93710-78-9.



Dr. Parthapratim Choudhury, Department of Economics, published an article "The Bell Metal Industry of Assam: Its Products" in the edited book "Souvenir, 69th ILA Conference on Building the Future: Transforming Libraries for Sustainability through Capacity Building", edited by Dr. Bina Medhi Lahkar (ISBN- 978-81-956082-7-0), published by Organising Secretary, 69th ILA Conference on "Building the Future: Transforming Libraries for Sustainability through Capacity Building", Department of Library and Information Science, Gauhati University (February, 2024).



Ms. Runu Swargiary, Department of Zoology, published one research paper titled "Study on Fish biodiversity of some landing sites and markets of Barpeta District, Assam, India" published in the International Journal of Biosciences (IJB), Vol. 23, No. 2, page 133-138, 2023, on August 05, 2023 with ISSN: 2220-6655 (Print), 2222-5234 (Online). She published two book chapters entitled i) "A study on Ichthyofaunal diversity found in Satrakanara and Bagbarh areas of Barpeta District, Assam" published in the edited book 'Research Perspectives in Biological and Environmental Sciences' in February, 2024 with ISBN: 978-93-90706-64-8; ii) "Indigenous Active Fishing Gears used in Baksa District, Assam" published in the edited book 'Research Perspectives in Biological and Environmental Sciences' in February, 2024 with ISBN: 978-93-90706-64-8. Ms. Swargiary was also a co-author of a book titled "Basics in Life Sciences" published in October, 2023 by Surya Prakash, Guwahati with ISBN: 978-93-95051-69-9. She presented a paper on "A Survey of some Fish Species Found in and around Barpeta Town, Assam: Their Price and Protein content" at the International Conference on "Emerging Trends in Biochemistry, 2024", organised by Departments of Botany, Chemistry and Zoology, Nalbari College, Nalbari from 11th-13th March, 2024. She also completed an online weeklong Faculty Development Program on "Academic Writing and Publication" organized by Malaviya Mission Teacher Training Centre, Tezpur University during 25th-31st October, 2023.



Dr. Dip Kumar Bhattacharjya, Department of Botany, published a research paper entitled "Documenting the plants active against various diseases based on traditional knowledge" in European Chemical Bulletin, 2023, 12 (Special Issue 10), 3194-3200 (10.48047/ecb/2023.12.si10.00374), published by: Deuton-X Ltd., Hungary under Elsevier. He participated in the XXXIII Annual Conference of the Indian Association for Angiosperm Taxonomy (IAAT) and International Seminar on "Advances in Plant Systematics, Biogeography and Biodiversity Conservation (APSBC- 2023)" held from 25th to 27th of November, 2023, hosted by the Department of Botany, University of Calcutta in collaboration with Botanical Survey of India, Kolkata. Dr. Bhattacharjya delivered an invited talk on "Medicinal Phytoresources and Bioprospecting" on the occasion of National Ayurveda Day on 10.11.2023 in Krishi Vigyan Kendra, Barpeta.



Dr. Eushah Ali, Department of Botany, published a research paper along with Salma Parbin and Chiranjit Baruah entitled "Analysis of indoor and outdoor aeromycoflora in two broiler farms of Barpeta, Assam, India " in the International Journal of Biosciences (Web of Science indexing, SCIE Journal; Thompson Reuters and Zoological Record index) (UGC-CARE category II listed Journal); Vol 24, No-1, page number: 28-38, 2024. Dr. Ali participated in a one-week Faculty Improvement Program on " Bio-based Technology for Green Application" organized by DBT-IBT Hub, Nanda Nath Saikia College, Titabar, Jorhat, Assam from 4th-10th of March, 2024.



Dr. Suman Deka, Department of Philosophy, published one research paper entitled "Bhava' in Advaita Vedanta: A Brief Exploration" in the peer reviewed journal PHILOSOPHIA, vol. XVII, Year: February 24 (ISSN 2321-8800). She published two book chapters entitled i) "Professional Ethics" in a book titled "Human Problems and Ethics" in October, 2023, published by Department of Philosophy, D. K. College, Mirza (ISBN:978-81-950266-7-8); ii) "Violence: A Philosophical Analysis" in a book named "Violence in Literature and Media-An Anthology of Critical Analysis", published by Authors press, New Delhi-110016 (ISBN-978-93-5529-870-6). Dr. Deka published another research paper entitled "From Flight to Enlightenment: Exploring the Significance of Birdwatching in Indian Divinity" in a UGC care listed, peer reviewed and refereed journal, Rabindra Bharati Patrika by Rabindra Bharati University, Vol: XXVII, No.:11, 2024 (ISSN No: 0937 0037).



Dr. Tapashi Das, Department of Physics, published a research paper entitled "Weak decays of Bc meson in a QCD potential model"; Indian J Phys 97, 3685-3689 (April, 2023). She published another research paper entitled "Three-Loop Effect in r.m.s and Charge Radii of Heavy Flavored Mesons in a QCD Potential Model"; International Journal of Theoretical Physics (Accepted for publication on June, 2024). Dr. Das also published one book chapter entitled "Lattice QCD: A Brief Introduction" in a book titled "Emerging trends in Physical Science" with ISBN: 978-93-90706-80-8 (Publisher: Research and Innovation Cell, Anundoram Boroah Academy Degree College Year: February, 2024). She participated in a UGC-Approved Short Term Professional Development Programme on 'Implementation of NEP-2020 for University and College Teachers' from 12.06.2023 to 20.06.2023 organized by IGNOU, New Delhi. Dr. Das participated in a one-week Faculty Development Programme (FDP)-2024 on "Mentoring Pedagogy & Classroom Delivery Enhancement Techniques" from 08.01.2024 to 13.01.2024 organized by AIU-USTM-AADC. She also participated in "NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MMTP) of UGC" from 24.01.2024 to 02.02.2024 organized by MMTTC, Gauhati University.



Dr. Sameeran Kumar Das, Department of Chemistry, participated in the NPTEL E-Awareness workshop on 15th December, 2023. He presented a paper entitled "WEB as a sustainable reaction medium for hydration of nitriles" in the International Conference on "Emerging Trends in Biochemistry(ICETB-2024)", organised by Departments of Botany, Chemistry, Zoology in association with IQAC, Nalbari College, Nalbari, held during 11th-13th of March, 2024. Dr. Das also published a book chapter entitled "Synthesis of Nanoparticles Utilizing Plant Extract" in an edited book "Futuristic Trends in Chemical, Material Sciences & Nano Technology", Volume 3, pages 63-68, Book 11, 2024, IIP Series (E-ISBN:978-93-5747-459-7).



Dr. Arjun Adhikari, Department of Botany, published a book chapter entitled "Algal Diversity in Satra ponds Barpeta District, Assam", in 'Compendium of Life Science Researches in North East India'. Edited by Daimalu Baro and Nipen Nayak, published by Purbayon Publishers, Guwahati. He participated in the One Week Faculty Improvement Program on "Bio-based Technology for Green Application" organized by DBT-IBT Hub, Nanda Nath Saikia College, Titabar, Jorhat, Assam from 4th-10th of March, 2024. He also attended a Faculty Development Programme on Environmental Science, Sustainable Agriculture and Human Health (ESSAHH), organized by Centurion University of Technology and Management, Paralakhemundi, Odisha from 6th-10th February 2024. Dr. Adhikari was invited as Judge in District level Competition of Aryabhata Science Centre, Barpeta on 15th June, 2024. He was also invited as Expert at Barpeta Girls' College to conduct Green Audit of the college.



Ms. Pummy Sinha, Department of Economics, presented a paper entitled "Study of the Rural-Urban Migrants' Livelihood transitions in the Hotels and Restaurant sector in Guwahati, Assam" organized by SB Deorah College, Guwahati in the 24th Annual Conference of NEEA and National Seminar held during 9-10 February, 2024.



Dr. Sneha Hasnu, Department of Botany, published a book chapter entitled "Diversity and Ethnobotany of the Genus Smilax Linn in Bherjan-Borajan Padumoni Wildlife Sanctuary, Assam, India" published in Compendium of Life Science Research in North East India, Volume 1, edited by Dr. Daimalu Baro and Dr. Nipen Nayak and published by Purbayon publication. She participated in a two-week refresher course in Botany from 29.07.2023 to 13.08.2023 organised by Ramanujan College, University of Delhi under the aegis of Ministry of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. Dr. Hasnu also participated in a faculty development program on Environmental science, sustainable Agriculture and Human Health held at Centurion University of technology and management, Paralakhemundi, Odisha from 06.02.2024 to 12.02.2024.



Mr. Tridip Boruah, Department of Botany, published three research papers entitled i) "Comparative investigation on synergistic changes in enzyme activities during vermicomposting of cereal grain processing industry sludge employing three epigeic earthworm species", Journal: Environmental Science and Pollution Research (Springer), Impact Factor: 5.19; ii) "Understanding the Role of Phytohormones in Mitigation of Biotic and Abiotic Stress - Current Status and Future Prospects", Journal: Proceedings of the National Academy of Sciences, India Section B: Biological Sciences (Springer), Impact Factor: 1.404; iii) "A comprehensive review on traditional uses, phytochemical, and pharmacological properties of the genus *Antidesma* L.", Journal: Fitoterapia (Elsevier), Impact Factor: 3.4. He published eight book chapters as mentioned: i) "Craterellus cornucopioides (L.)/Craterellus odoratus (Schwein.) Fr. (Black Chanterelle)", Book: Phytochemistry and Nutritional Composition of Significant Wild Medicinal and Edible Mushrooms: Traditional Uses and Pharmacology (Royal Society of Chemistry); ii) "Sex and Caste Determination and Life Cycle of Honey Bees", Book: Honey Bees, Beekeeping and Bee Products (CRC Press, Taylor & Francis); iii) "Algal and Microalgal Compounds in Cosmeceuticals", Book: Bioprospecting of Natural Sources for Cosmeceuticals (Royal Society of Chemistry, London); iv) "Raman spectroscopy methods in honey characterization, authentication and adulteration", Book: Advanced Techniques of Honey Analysis (Academic Press, Elsevier); v) "Botanical (melissopalynological) and geographical analysis of honey", Book: Advanced Techniques of Honey Analysis (Academic Press, Elsevier); vi) "Analytical techniques to identify antibiotics and pesticides in honey", Book: Advanced Techniques of Honey Analysis (Academic Press, Elsevier); vii) "Ecology of Lichen", Book: Chemistry, Biology and Pharmacology of Lichen (Wiley Publications); and viii) "Lichen as Bio Indicators", Book: Chemistry, Biology and Pharmacology of Lichen (Wiley Publications). Mr. Baruah presented a research paper entitled "Mechanistic insight into management of industrial organic wastes employing vermitechnology", in a National Seminar organized by North Lakhimpur College (Autonomous), Assam. He presented another research paper entitled "Comparative assessment on physico-chemical and biological changes during vermicomposting of industrial organic wastes employing three species of epigeic earthworms", in an International Conference organized by Nalbari College, Assam, India. He also acted as a Resource person i) for ASTEC for providing training on Vermicomposting of solid wastes. ii) at Tihu College in the International Pi-Day Celebration. iii) for conducting a workshop on vermicomposting at Silapathar College, Dhemaji. Mr. Baruah was also recognized as a reviewer for the journals: Acta Physiologiae Plantarum (Springer; IF-2.4); Journal of Cleaner Production (Elsevier; IF-9.7); BMC Plant Biology (Springer; IF-4.3); Clean Technologies and Environmental Policy (Springer Nature; IF-4.2).



Dr. Rashmi Jyoti Das, Department of Chemistry, participated one day national webinar on Curriculum and credit Framework for UG programs, organised by MMTT NEHU on 29th September, 2023. She also participated in "International Hybrid conference on BIOECONOMY 2023" organised by IIT Guwahati, dated 11th-12th October, 2023.



Dr. Jaydev Mandal, Department of Zoology, published a research paper entitled "A summer record of Alpine Accentor *Prunella collaris* from Zunheboto, Nagaland" in Indian BIRDS Vol. 19, No. 5 (Published on 16 January, 2024). He published another research paper entitled "A note on the summer record of Ruddy Shelduck in Assam indicating possible breeding extension" in Zoo's Print, Vol. 39, No. 5, 2024. Dr. Mandal published two book chapters entitled i) "Habitat and Conservation status of Birds depicted in Assamese Culture: A review", and ii) "Nest tree use and nesting preferences of the breeding birds of Barpeta District, Assam". He also wrote one book entitled "Basics in Life Sciences". Dr. Mandal participated in a one-week Faculty Improvement Program on "Bio-based Technology for Green Application" organized by DBT- IBT Hub, Nanda Nath Saikia College, Titabar, Jorhat, Assam from 4th-10th March, 2024. He also participated in Training and Capacity Building Workshop for the implementation of the GEF Seventh Operational phase of small grants programme in India. He attended a total of 31 national and international webinars, workshops and conferences. Dr. Mandal was invited as resource person i) at Shillong College, Meghalaya; ii) at University of Science and Technology Meghalaya; iii) at Kaziranga Bird Conservation Festival 2024; iv) for biodiversity assessment in South Garo Hills, Meghalaya, and v) for Orientation and sensitization of frontline staff at Kaziranga National Park in various occasions. He was also invited as Judge for Science Model Competition and for District level Hackathon programme. He was awarded Certificate of Appreciation for the Contribution of 4649 checklists for the compilation of State of India's Birds 2023.



Dr. Riju Sarma, Department of Zoology, published one research paper entitled "Insecticidal properties of different plants of north-east India against *Aedes aegypti* and *Culex quinquefasciatus*: A review" in International Journal of Mosquito Research 10(6): 126-133, 2023]. She wrote two Textbooks entitled i) "Amerudandi Pranir Baichitrata" for FYUGP 2nd Semester Zoology Course as per Gauhati University; and ii) "Basics in Life Science" for FYUGP 2nd Semester MDC Course as per Gauhati University. Dr. Sarma also presented a research paper entitled "Five terpene compounds as ovicide against *Aedes aegypti* (Diptera: Culicidae)" in the International Seminar held in Nalbari College, Nalbari from 11th-13th March, 2024 on the topic "Emerging Trends in Biochemistry".



Dr. Arzufa Khanom, Department of Geography, published one book chapter titled "Frequency and Probability of Floods of Sankosh River" in an edited book named "Land, Water and Livelihood Issues in North East India", published by ABS Books Publisher, New Delhi. She presented a paper in a two-day International Seminar organized by NEICSSR & Pandu College jointly held on 15th-16th March, 2024 on the topic "Human Occupancy Pattern: Lower Brahmaputra Reach in Assam". Dr. Khanom was invited as resource person to deliver a lecture on "Land Restoration, desertification and drought resilience" with connection to World Environmental Day Celebration, 2024.



Dr. Rupam Borthakur, Department of Assamese, published one research paper entitled "নবকান্ত বন্ধুৰাৰ 'কপিলীপৰীয়া সাধু' উপন্যাসখনৰ এটি আলোচনা" in IMAGE -A Multi -Disciplinary Peer Reviewed Research Journal; editors: Dr. Kabita Konch and Dr. Minakhi Hazarika, published by Nazira College, Nazira, Sivasagar, Assam in December 2023, (VOLUME :X), (ISSN: 2347-534X). He published two book chapters entitled i) "হিৰেৰ ডেকাৰ 'এয়েতো জীৱন' উপন্যাসত প্ৰতিফলিত গ্ৰাম্য জীৱনৰ চিত্ৰ: এটি আলোচনা", in ABHA, The souvenir of 13th Annual Women Convention of Assam College Teacher's Association; editors: Baby Ritu Phukan and Lakshmi Devi; published by Digboi College, Digboi, Assam in November, 2023 (ISBN: 978-81-960232-3-2); ii) "জ্যোতিপ্ৰসাদ আগৰৱালাৰ 'নিমাতী কইনা': এটি আলোচনা in ভাষা-সাহিত্য-সংস্কৃতি আৰু কলাৰ চিন্তা", A Peer Reviewed book of Selected articles on Language-Literature-Culture-Art etc; editor: Dr. Punya Lata Gohain, published by Ashok Publication, Guwahati, 2024 (ISBN:978-93-89641-68-4). Dr. Barthakur published one book entitled "অসমীয়া সংস্কৃতি আৰু সাহিত্যৰ সমীক্ষা": A Critical Study On Assamese Culture and Literature, published by Topoban Prakashan, Guwahati, 1st Edition, May, 2024 (ISBN:978-93-95848-33-6). He was the co-editor of book "গৱেষণাৰ ৰ'দ কঁচালি": A Collections of Reviewed Research Articles on literature and Culture of Assam; of whose editor was Dr. Habibur Rahman, published by Sampriti Publication, Guwahati. 1st edition, November, 2023 (ISBN:978-93-93476-27-2). Dr. Barthakur presented three papers in National Seminar on i) "Reflection of Freedom Movement In Assamese Literature" organized by Department of Assamese, DCB Girl's College, Jorhat; ii) "Socio-Economic Issues and Development Dynamics in the North-East Region of India" organized by Darrang College Teacher's Unit in collaboration with ACTA & IQAC-Darrang College, Tezpur; iii) Hitesh Dekar Rachanat Samaj Chetana" organized by the Department of Assamese, Bapujee College, Sarukshetri, Barpeta. He completed i) one Online Interdisciplinary Refresher Course on Literature, Language and Culture in the Digital Age under Malaviya Mission Teacher Training Programme (MM-TTP) of the UGC, organized by MMTTC, Tezpur University with Dept. of Assamese, Tezpur University from 14th-28th December, 2023; ii) Short Term Course on NEP Orientation & Sensitization under Malaviya Mission Teacher Training Programme (MM-TTP) of UGC Organized by MMTTC, Tezpur University with from 18th-30th January, 2024; iii) One Week Online Workshop on Ethics and Research Paper Writing in Scientific & Humanities Journals, organized by UGC-MMTTC Gauhati University in collaboration with Institutional Biotech Hub, Dimoria College from 11th-17th March, 2024.



Dr. Jutika Devi, Department of Philosophy, participated in ICPR Sponsored National Seminar on "Philosophical Methodology from Indian and Western Perspectives" organized by Department of Philosophy, Gauhati University during 21st -22nd of March 2024 and presented a paper entitled "Intuition as a Methodology in Indian Philosophical Context with Special Reference to Upanishads". She completed two-week online Interdisciplinary Refresher Course on "ADVANCED RESEARCH METHODOLOGY" organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 17th-31st December, 2023.



Ms. Manalisha Saharia, Department of Botany, published a book chapter entitled "Vermiremediation of plant agro waste to recover residual nutrients and improve crop productivity" in a book named "Earthworm Technology in Organic Waste Management", Publisher: Elsevier (2024). She published another book chapter titled "Plant Genome Editing for Enhanced Biotic Stress Tolerance Using the CRISPR/Cas Technology" in a book named "Plant Genome Editing Technologies"; Publisher: Springer (2024). Ms. Saharia participated in a Faculty Development Programme (FDP) on "Environmental Science, Sustainable Agriculture and Human Health (ESSAHH)" held at Centurion University of Technology and Management from 6th-10th February, 2024.



Dr. Nur Hussain, Department of Physics, participated in a two-week Refresher Course on 'Managing Online Classes & Co-creating MOOCs' from 07th-21st January, 2024 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.



Ms. Phulrani Gogoi, Department of Political Science, published a research paper entitled 'Connectivity Crossroads: Exploring India's North East India Bay of Bengal Initiative for Multi sectoral Technical Economic Cooperation' (Man and Society: A Journal of North East Studies, ICSSR NERC, Shillong). She also published a book chapter titled 'Digitalization in the North East: An Enquiry into the opportunities and challenges in the region' (Name of the Book: Re imaging Northeast India in 21st Century). She participated in a Research Capacity development workshop 'Researching Marginalities' in Savitribai Phule Pune University in collaboration with Association of Asian Studies and supported by the SIDA. Ms. Gogoi presented a paper entitled 'Border Infrastructures in India's North East: Analyzing Multi-layered Approaches to Management, Connectivity, and Community Interactions in the Context of Trans-Border Relations' on GCU international conference. She also presented a paper titled 'North-Eastern spectrum gender equity: A myth and reality?' on Indian Institute of Public Administration, New Delhi. Ms. Gogoi participated in an Induction training program for newly appointed Assistant Professor by DHE (25.07.2023 to 26.07.2023) and in a one-month Faculty Induction Programme by Ramanujan College, Delhi University under the Ministry of Education sponsored Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) scheme (22nd July-20th August, 2023).



Ms. Kangkana Goswami, Librarian, Kameswar Das Library, Madhab Choudhury College, attended Faculty Induction Programme (FIP) organised by Teaching Learning Centre Ramanujan College University of Delhi (Sponsored by MHRD, PMMNMTT, Govt. of India) from 21st February to 19th of March 2024. She also attended one day workshop on NAAC Awareness for Libraries organized by Women Librarians' Association of Assam (WLAA) on 23rd June, 2023.

Faculty members superannuated from the college.
We express our sincere respects to their invaluable services to the college.



Mrs. Puspajyoti Ojah
Associate Professor
Department of Assamese
Date of superannuation: 30.01.2024



Dr. Gobinda Brahma
Assistant Professor
Department of Education
Date of superannuation: 30.04.2024



Mr. Nirmal Talukdar
Library Bearer
Kameswar Das Library
Date of retirement: 30.11.2023



Mr. Baban Ch. Nath
Laboratory Bearer
PG Department of Botany
Date of retirement: 30.04.2024

Newly appointed Faculty members. Madhab Choudhury College fraternity welcomes them.



Mr. Manab Jyoti Kalita
Department of Zoology
Date of Joining: 17.02.2024



Mr. Pranjit Kalita
Department of Education
Date of Joining: 19.02.2024



Mr. Prakash Das
Department of Economics
Date of Joining: 20.02.2024



Ms. Rituparna Kalita
Department of Economics
Date of Joining: 01.03.2024



Ms. Ekta Sahu
Department of Education
Date of Joining: 01.04.2024

Newly appointed office staff



Ms. Amrita Das
Junior Assistant
Date of joining: 01.04.2024

Obituary

Madhab Choudhury College fraternity pays tribute to Late Dr. Satyendra Nath Sarma, Ex-Head of the Department of Physics. We sincerely acknowledge his immense contribution towards the reforms made by him in the college in various levels as well as his contributions towards the scientific community.



Late Dr. Satyendra Nath Sarma
Date of joining: 02.11.1970
Date of retirement: 31.07.2007
Date of demise: 27.11.2023



Snapshots of some orchids in the orchidarium in the college campus

