

# INSTITUTIONAL DEVELOPMENT PLAN



**MADHAB CHOUDHURY COLLEGE : BARPETA : ASSAM**

**<https://mccollege.edu.in/>**

## **Introduction:**

Madhab Choudhury College, Barpeta, the fourth oldest college in undivided Assam, was established on 14<sup>th</sup> July in the year 1939. Since then, Madhab Choudhury College has been undergoing a relentless process of growth. Born as an Arts college, Madhab Choudhury College introduced its science stream in 1959. After 80 years of its glorious existence, Madhab Choudhury College has become the hub for educational excellence, fostering its vision and mission in tune with the objectives of Higher Education of the nation.

The Institutional Development Plan (IDP) of Madhab Choudhury College, Barpeta outlines the strategic roadmap for institutional growth, quality enhancement, academic excellence, and holistic development in alignment with NAAC and NEP 2020 guidelines.

## **Recognition and Affiliation:**

Madhab Choudhury College, Barpeta has been affiliated to Gauhati University, and it is included in the list of colleges maintained under section 2(f) & 12(B) of the UGC Act 1956. The College was provincialized in 2005 as per The Assam College (Employees) Provincialization Act 2005.

## **Accreditation status:**

In the year 2003, The National Assessment and Accreditation Council of India (NAAC), in its accreditation, awarded the Institution with Grade "B". In the year 2015, NAAC in its 2nd cycle of accreditation, has awarded the institution with Grade "B+". The college was accredited with Grade "B+" in its 3<sup>rd</sup> cycle of accreditation in the year 2023.

## **Governing Body of the Institution:**

The Governing Body of the College is constituted in accordance with the prescribed statutory norms and reflects a participatory and representative governance structure. It includes the President, Principal-cum-Secretary, University nominees, teachers' representatives, donor and guardian members, a non-teaching staff representative, and external academic members.

The Governing Body plays a pivotal role in policy formulation, academic planning, financial oversight, and institutional development. It ensures transparency,

accountability, and collective decision-making in alignment with the College's vision, mission, and long-term Institutional Development Plan. Regular meetings of the Governing Body facilitate effective monitoring of academic, administrative, and infrastructural progress, thereby strengthening institutional governance and quality assurance mechanisms.

<b>Portfolio</b>	<b>Name</b>	<b>Designation / Address</b>	<b>Phone No.</b>	<b>Date of Effect</b>
President	Bikramaditya Das	—	9859074773	09.01.2024
Principal-cum-Secretary	Dr. Prakash Sarma	—	7099701958	—
University Nominee	Dr. Kaushik Kumar Deka	Principal, N.H. College, Patacharkuchi	9435028402	—
University Nominee	Dr. Arup Bharali	Associate Professor, Bhattadev University, Bajali	9435321412	—
Teacher's Representative	Mr. Dilip Kumar Das	Dept. of English	9435024889	28.03.2025
Teacher's Representative	Dr. Sanjib Deuri	Dept. of Chemistry	9957417368	28.03.2025
Donor Member	Sjt. Gunindra Nath Das	Jania Road, Barpeta	—	—
Guardian Member	Mr. Trailokya Das	TRP Road, Ambarhati, Barpeta	8721841804	06.02.2025
Guardian Member	Ms. Pranati Patgiri	Vill. Gajia, Dist. Barpeta	8402995790	06.02.2025

Guardian Member	Mr. Akhil Das	2 No. Galiahati, Barpeta	9101581172	06.02.2025
Member	Mrs. Kangkana Goswami	Librarian, Madhab Choudhury College, Barpeta	9859021262	—
Representative (Non-Teaching Staff)	Sjt. Dharanidhar Das	UDA, Madhab Choudhury College, Barpeta	9854021348	—

**Vision of the institution:**

Pursuing educational excellence, character building, and overall development of personality and creating responsible citizens.

**Analysis of Present Scenario:**

**Access:**

1. Commitment to building future readiness by continuously adapting academic and institutional practices to emerging societal, technological, and professional demands, in alignment with Vision and goals.
2. Promotion of skill-based and value-added courses that complement core academic programmes and enhance student competencies.
3. Strong emphasis on employability, entrepreneurship, and leadership development through curriculum enrichment, experiential learning, internships, and industry engagement.
4. Strengthening the integration of ICT-enabled teaching–learning practices and digital learning platforms to support blended learning, digital literacy, and flexible access to education.
5. Focus on strengthening the research culture and innovation ecosystem by encouraging interdisciplinary research, undergraduate research participation, and collaboration with external agencies.
6. Commitment to the inculcation of ethical values, social responsibility, and environmental consciousness to ensure holistic and responsible citizenship.
7. Aim to equip students with the knowledge, skills, values, and adaptability required to succeed in a rapidly evolving global environment.

8. Reinforcement of the institution's commitment to sustainable growth and academic excellence.

### **Quality:**

The college strives to generate intellectual capital through quality teaching, innovative pedagogy, research activities, and value-based education. Students are encouraged to participate in academic, cultural, and extension activities at institutional, regional, and national levels.

### **Future Readiness:**

1. Promotion of skill-based and value-added courses to enhance student competencies and career readiness.
2. Strong emphasis on employability, entrepreneurship, and leadership development through curriculum enrichment and experiential learning.
3. Integration of ICT-enabled teaching-learning practices and digital learning platforms to support blended and flexible learning.
4. Strengthening of research culture and innovation ecosystem, encouraging interdisciplinary research and student participation in research activities.
5. Inculcation of ethical values, social responsibility, and environmental consciousness to develop responsible and socially aware graduates.

### **Long-Term Plan of Action (10–15 Years):**

1. Pursuit of academic excellence through outcome-based education and promotion of global competence among students.
2. Expansion and diversification of postgraduate, vocational, and skill-oriented programmes in response to regional, national, and global needs.
3. Continuous infrastructure development and digitalization to support quality teaching-learning, research, and administrative efficiency.
4. Promotion of research, consultancy, and extension activities to strengthen knowledge creation, innovation, and societal engagement.
5. Commitment to sustainable, inclusive, and equitable institutional growth with emphasis on environmental responsibility and social justice.

6. Encouragement of stakeholder participation in governance and institutional development to ensure transparency, accountability, and shared ownership.

### **Mission of the institution:**

1. To increase the intellectual and ethical wealth of learners.
2. To promote democratic and positive attitude of the students.
3. To promote advancement of knowledge through teaching, research and dissemination.
4. To increase leadership qualities amongst the learner in order to provide devoted and dedicated citizens and human resources.
5. To shape desirable and favorable attitudes and develop the skill of students for equipping them to face the challenges in all walks of life.
6. To imbibe values of equity, unity and justice.

### **SWOC Analysis:**

#### **Strengths**

1. Adequate infrastructure and green campus.
2. Dedicated and qualified faculty.
3. PG programmes in Assamese and Botany.
4. Strong cultural heritage and community engagement.
5. Active placement and competitive examination cell.

#### **Weaknesses**

1. Shortage of teaching and non-teaching staff.
2. Budgetary constraints for research and sports.
3. Limited ICT and networking facilities.

#### **Opportunities**

1. Introduction of new PG and vocational programmes.
2. Collaboration through MoUs.
3. Promotion of entrepreneurship and skill development.
4. Expansion of ICT-enabled learning.

## **Challenges**

1. Development of a strong research ecosystem.
2. Competition from private institutions.
3. Effective implementation of NEP 2020.
4. Resource mobilization and student retention.

## **Institutional Goals:**

- Academic excellence and innovation.
- Student-centric learning and employability.
- Research and extension activities.
- Inclusive growth and social responsibility.
- Transparent and participative governance.

## **Institutional Level Challenges:**

- Financial constraints.
- Infrastructure limitations.
- Digital divide among students.
- Need for enhanced research funding.

## **Strategies to Overcome Challenges:**

- Strengthening alumni engagement.
- Resource mobilization through projects and consultancy.
- Faculty development programmes.
- Expansion of ICT infrastructure.

## **Curricular aspects:**

The College offers Undergraduate (UG) courses in the Arts and Science streams and (PG) courses in two subjects- Assamese and Botany

There are 9 Departments in the Arts stream -Anthropology, Assamese, Economics, Education, English, Geography, History, Philosophy and Political Science. In the Science stream there are 5 departments- Botany, Chemistry, Mathematics, Physics and Zoology. In all these subjects Honours courses are offered. English and Assamese are compulsory subjects. The courses offered are in consonance with the socio-cultural and economic needs of the

locality. However, to keep pace with the demands of time, the management has considered starting a few job-oriented courses like Bachelor in Computer Application (BCA) under Computer Science Department which is a Self-Sustained Course. The programmes offered by the UG courses of the college which is currently following NEP-2020 curriculum as designed by the Gauhati University to which the College is affiliated. The College also offers a diploma and certificate based courses in

1. Fish Breeding: (Advanced Diploma)
2. Aquarium Technician: (Certificate course )
3. Apiculture: (Certificate course )
4. Organic Farming: (Certificate course)

### **Academic Plan:**

To strengthen academic excellence and align with multidisciplinary and outcome-oriented education, the institution proposes the following strategic academic initiatives:

#### ***1. Reorganization of Academic Departments -***

The existing departments shall be reorganized into Schools of Learning to promote interdisciplinary teaching, research, and academic flexibility. The proposed Schools of Learning are:

- School of Languages, Literature and Culture
- School of Social Sciences
- School of Commerce and Management
- School of Sciences

This restructuring will enable efficient academic governance, optimal resource utilization, and enhanced collaborative learning.

#### ***2. Establishment of Centres for Advanced Studies -***

To foster research, innovation, and skill-oriented education in emerging and socially relevant areas, the institution plans to establish specialized Centres for Advanced Studies, including:

- **Centre for Tourism Studies** (*Department of History*)  
The Centre will focus on **Eco-Tourism, Wildlife Tourism, and Agri-Tourism**, with emphasis on regional heritage, sustainable tourism practices, and livelihood generation.
- **Centre for Molecular Biology and Biotechnology** (*Departments of Zoology and Botany*)  
The Centre will promote interdisciplinary teaching and research in molecular biology, biotechnology, genetics, and related life sciences, supporting advanced research and skill development.
- **Centre for Environmental Studies**  
The Centre will continue its role in environmental education, sustainability research, biodiversity conservation, and community-oriented extension activities.
- **Centre for Computer Science and Information Technology** (*Existing*)  
The Centre will support teaching, research, and training in computer science, information technology, data analytics, and emerging digital technologies.
- **Centre for Materials Science and Nanotechnology** (*Departments of Physics, Chemistry, and Mathematics*)  
The Centre will foster interdisciplinary research in materials science, nanotechnology, and applied sciences, with potential applications in industry, energy, and advanced materials.
- **Centre for Theoretical Sciences** (*Departments of Physics and Mathematics*)  
The Centre will focus on advanced teaching and research in theoretical physics, applied mathematics, mathematical modelling, computational methods, and interdisciplinary problem-solving relevant to fundamental and applied sciences.
- **Centre for Mental and Physical Health**  
The Centre will address student and community well-being through academic inputs, awareness programmes, counselling services, yoga and physical fitness initiatives, and research on mental and physical health, contributing to holistic development and quality of life.
- **Centre for Aquatic Livelihood Studies** (*Department of Zoology*)  
The Centre will promote teaching, research, and extension activities related to aquatic biodiversity, fisheries, aquaculture, wetland ecology, and sustainable livelihood development for local communities.

These centres will support advanced research, industry collaboration, extension activities, and regional development.

### ***3. Expansion of Academic Programmes -***

The institution aims to expand its academic portfolio by introducing:

- Postgraduate programmes in emerging and multidisciplinary areas
- Integrated degree programmes, including 4-year and 5-year courses, in alignment with national higher education reforms
- Research-oriented and skill-based curricula to enhance employability and academic progression

#### *Expected Outcomes:*

- Strengthened multidisciplinary academic ecosystem
- Enhanced research capacity and innovation culture
- Improved student learning outcomes and progression opportunities
- Greater alignment with national and global higher education standards

#### **Teacher - Student strength:**

To emerge as a world-class institution, it is imperative for the College to develop and sustain a robust pool of students and highly qualified faculty members.

The college started with twelve teachers and about thirty students, today it has increased to 68 Teaching Staff and 32 Non-Teaching Staff (excluding Principal). The intake capacity of students under HS level is 420 (300- Arts, 120- Science) and the intake capacity of students under Undergraduate level is 2400 (Arts and Science) and 45 under Post graduate level at present.

#### **Faculty Strengthening Plan and Faculty–Student Ratio:**

The College has formulated a strategic plan to meet its academic expansion requirements and to achieve an optimal faculty–student ratio of 1:20.

At present, Madhab Choudhury College has 68 sanctioned teaching posts, supplemented by need-based contractual faculty appointments. Over the next few years, the College proposes to increase the total faculty strength to a minimum of 100 teaching members.

In addition to Government-sanctioned posts, the College management will create additional teaching positions to support academic growth. The institution also plans to establish new academic departments and Centres of Excellence, which will help attract experienced and reputed faculty members and strengthen teaching, research, and innovation.

### **Student Admission Policy for Promoting Diversity:**

The College shall adopt a proactive student admission policy aimed at attracting students from other states and international regions in order to promote student diversity and inclusiveness.

This objective will be achieved through:

- **Extensive online and offline outreach campaigns**, including the use of institutional website, social media platforms, and digital admission portals
- **Academic outreach activities**, participation in education fairs, and collaborations with schools and institutions outside the region
- **Enhancement of students' educational experience** through quality teaching–learning practices, academic support systems, mentoring, and student-friendly campus facilities

The policy seeks to create a **diverse, inclusive, and vibrant academic environment** that enriches peer learning, cultural exchange, and institutional visibility at the national and international levels.

<b>Particulars</b>	<b>Existing</b>	<b>Target 2030</b>	<b>Target 2035</b>
<b>Total Number of Faculties</b>	68	80	100
<b>Faculty–Student Ratio</b>	1 : 35	1 : 30	1 : 24
<b>Percentage of Faculty with Ph.D.</b>	56%	60%	80%

To achieve this objective, the following strategic actions shall be undertaken:

***1. Strengthening Student Support Services -***

The College will address the need for comprehensive, coordinated, and integrated student services for all students through:

- i) Counselling and orientation programmes to support academic, emotional, and career development
- ii) Effective mentoring system involving faculty advisors and peer mentors
- iii) Enhanced faculty–student engagement through academic interaction, tutorials, and guidance
- iv) Strong coordination with alumni, leveraging alumni support for mentoring, career guidance, and institutional development

***2. High-Impact Experiential Learning and Research -***

The College will expand opportunities for undergraduate students to participate in high-impact experiential learning and research activities, including:

- i) Creating pathways for students to integrate classroom learning with real-world issues
- ii) Encouraging and supporting interdisciplinary and project-based learning
- iii) Promoting and increasing undergraduate research opportunities
- iv) Encouraging student participation in internships, both in academia and industry

***3. Teaching Excellence and Faculty Development -***

The institution shall develop, promote, reward, and support excellent teaching practices and continuous teacher development by:

- i) Promoting effective teaching skills through blended modes of learning, including ICT-enabled and learner-centric pedagogies.

ii) Providing regular training programmes for faculty members to enable them to create and sustain effective learning communities, promote collaborative learning, and enhance student engagement.

iii) Implementing comprehensive and structured professional development programmes aimed at continuously improving the quality of teaching–learning processes, including pedagogical innovation, assessment practices, use of ICT tools, and outcome-based education.

#### ***4. Financial Support and Scholarships -***

The College shall provide financial assistance and scholarships to highly meritorious and deserving students in order to promote equity, access, and academic excellence.

#### ***5. Campus Amenities and Holistic Development -***

The institution will develop and maintain state-of-the-art amenities for all students to enrich campus life and promote holistic development, including academic, cultural, physical, and social well-being.

#### ***6. Placement and Career Development -***

An active Placement and Career Guidance Cell shall be strengthened to facilitate campus recruitment, internships, career counselling, and industry interaction, thereby enhancing student employability.

#### ***7. Innovation, Entrepreneurship and Start-ups -***

The College proposes to establish Incubation Centres for start-ups to promote innovation, entrepreneurship, and self-employment among students, in alignment with institutional research and innovation goals.

#### ***8. Alumni Engagement and Institutional Development -***

The institution shall actively involve alumni in academic mentoring, career guidance, resource mobilization, and overall institutional development, thereby strengthening alumni–institution linkage.

### *Expected Outcomes:*

- Improved student engagement, retention, and success
- Enhanced employability and research aptitude among students
- Stronger integration of academics with societal and professional needs
- Continuous improvement in teaching–learning quality Student Educational Experience
- The institutional goal is to build an empowered, engaged, and participatory culture of learning and excellence that promotes student success and prepares learners for their professional, social, community, and personal lives.

### **Research:**

The existing Research and Development (R&D) Cell of the College shall play a pivotal role in fostering awareness, appreciation, and integration of research within the teaching–learning process. The R&D Cell will encourage faculty and students to engage in quality research, innovation, and interdisciplinary collaboration.

In this regard, the College proposes to develop the following research laboratories and centres:

#### ***1. Language Laboratory with Translation Cell -***

A Language Laboratory comprising a Translation Cell will be established, focusing on:

- Translation of literary works and technical documents from one Indian language to another
  - Translation into English and other foreign languages
- This initiative will promote linguistic research, cultural exchange, and dissemination of knowledge.

#### ***2. Materials Characterization Laboratory -***

A Materials Characterization Laboratory will be developed to support advanced research in materials science, enabling experimental studies related to physical, chemical, and structural properties of materials.

#### ***3. Computational Centre -***

A Computational Centre will be established to facilitate interdisciplinary research in:

- Bioinformatics
- Cheminformatics

The Centre will support data analysis, modelling, and computational research in life sciences and chemical sciences.

*Expected Outcomes:*

- Strengthened research culture among faculty and students
- Enhanced interdisciplinary and applied research output
- Improved research infrastructure and capacity
- Greater alignment of research with regional and societal needs

### **Collaborations:**

The College proposes to strengthen academic and societal engagement through strategic collaborations at three distinct levels, aimed at enhancing experiential learning, research excellence, and employability.

#### ***1. Community Engagement and Social Collaboration -***

The institution shall actively engage with the local community to:

- ➔ Enhance experiential and service-learning opportunities for students
- ➔ Address community needs through outreach, extension, and capacity-building initiatives
- ➔ Contribute to social development and inclusive growth

#### ***2. Academic Collaborations with Universities and Research Institutions -***

Collaborations with national and international universities and research institutions will be pursued to strengthen knowledge creation, teaching–learning quality, and research output.

Initially, the College plans to identify and collaborate with mentor universities and reputed institutions within the region, followed by expansion to national and international partnerships through formal Memoranda of Understanding (MoUs).

The areas of collaboration shall include:

*i) Curriculum Planning and Programme Development*

- Joint development of programmes and courses
- Support in defining learning outcomes and pedagogical approaches
- Resource sharing, including laboratories, technology, and academic expertise

*ii) Collaborative Research*

- Joint research projects and publications
- Sharing of research infrastructure and expertise

*iii) Student and Faculty Exchange Programmes*

- Academic exchange for teaching, learning, and research exposure

*iv) Knowledge Sharing and Capacity Building*

- Conferences, seminars, workshops, guest lectures, and expert talks

**3. Industry–Institution Interface -**

Strategic alliances with industry shall be established to:

- Ensure a market-driven and skill-oriented curriculum
- Facilitate internships, industrial training, and campus recruitment
- Enhance student employability and entrepreneurship

*Expected Outcomes:*

- Strengthened experiential and industry-relevant learning
- Enhanced research collaboration and academic visibility
- Improved placement and career opportunities for students
- Greater societal and economic impact

**Scholarly and Creative Activities:**

The College proposes to promote a vibrant academic culture by strengthening scholarly and creative activities for the overall benefit of the college community. The following initiatives are planned:

### ***1. Digital Library and Knowledge Resources -***

The institution shall develop a fully digital Central Library with a rich collection of quality books, e-books, e-journals, and academic databases. In addition, each academic department shall maintain a Departmental Library to support subject-specific learning and research for both students and faculty members.

### ***2. Academic and Creative Competitions -***

The College will organize regular academic and creative competitions, such as:

- Debates
- Essay writing
- Exhibitions
- Quizzes and similar academic events

These activities aim to promote critical thinking, creativity, communication skills, and holistic student development.

### ***3. Games, Sports and Extracurricular Activities -***

Special emphasis shall be placed on games, sports, and extracurricular activities to promote physical fitness, teamwork, leadership skills, and overall well-being of students.

#### ***Expected Outcomes:***

- Enhanced academic engagement and creative expression
- Improved access to learning and research resources
- Holistic development of students through co-curricular and extracurricular activities
- Promotion of a balanced academic and campus life

#### **Academic Outreach Activities:**

To create academic awareness, public education, and societal engagement in the region, the College proposes to undertake the following academic outreach and extension initiatives:

***1. Academic Events -***

The College shall organize seminars, workshops, and conferences on a regular basis to promote academic interaction, research dissemination, and professional development among students, faculty members, and scholars.

***2. Formation of Academic Associations -***

The institution proposes the creation of Science, Social Science, and Language Associations, incorporating teachers and academicians from the region, with the objective of fostering academic temperament and intellectual exchange within the locality.

***3. Academic Publications -***

The College will publish a multilingual Science magazine annually, aimed at promoting scientific thinking, research awareness, and knowledge dissemination among students and the wider community.

***4. Adoption of Villages and Schools -***

The institution has an existing adopted village and shall adopt more nearby villages and schools as part of its community engagement initiative to promote education, awareness, and social development.

***5. Extension and Outreach Programmes -***

Regular extension and outreach programmes will be organized in the adopted villages and schools, focusing on education, health, environment, scientific awareness, and social empowerment.

***6. Open Day Exhibition and Science Demonstrations -***

The College will organize Open Day Exhibitions featuring demonstrations of science experiments and academic displays to encourage and promote scientific temper and curiosity among students and the general public.

### ***7. Summer and Winter Camps -***

The institution shall organize Summer and Winter Camps for socially and economically disadvantaged schoolchildren of the locality, aimed at academic enrichment, skill development, and personality development.

### ***8. Educational Field and Industry Visits -***

The College will organize regular field visits and industry visits for students to provide experiential learning, practical exposure, and industry orientation.

#### ***Expected Outcomes:***

- Enhanced academic awareness and community engagement
- Promotion of scientific temper and research culture
- Strengthened institution–community linkage
- Improved experiential learning and social responsibility among students