

DHAKUAKHANA COLLEGE (AUTONOMOUS)
(Accredited with Grade 'A' by NAAC)

POST GRADUATE ADMISSION NOTIFICATION

Session: 2025-26

Applications are invited from all eligible candidates for admission into various Post Graduate programmes (M.A./M.Sc.) offered by Dhakuakhana College (Autonomous), Lakhimpur, Assam. It is to be noted that consequent upon the declaration of grant of autonomous status to the college by the UGC and an affirmative notification regarding the grant issued by the affiliating Dibrugarh University, Dhakuakhana College (Autonomous) has announced the introduction of Two Year Post Graduate Programmes (M.A./M.Sc.) from this academic session 2024-25 in 03 nos, of disciplines in the Faculties of Humanities, Social Sciences and Physical Sciences.

Applicants seeking admission into Masters programmes are required to fill up the application forms online as per schedule mentioned below.

Schedule of Application Form Submission and Admission:

M.A./M.Sc. Programmes:

- (1) Commencement of submission of forms: 18.06.2025
- (ii) Last Date of submission of Forms: 25.06. 2025
- (iii) Date of entrance examination: To be notified on the college website/notice boards.
- (iv) Notification of Selected Candidates: To be notified on the college website/notice boards.
- (v) Date of Admission: To be notified on the college website/notice boards.

Basic Eligibility / Criteria:

Bachelor's Degree with Major/ Honours in the concerned subject securing at least 45% marks or equivalent grade point.

OR

Bachelor's Degree with at least 50% marks in the subject applied for admission and 45% marks in aggregate in case of the candidates of General Programme or equivalent grade point. Candidates passed the qualifying examination in CBCS must have studied minimum 24 Credits in the subject applied for admission.

Details of Programmes Offered:

Name of the Program	Department	No. of seats offered
M.A. in Assamese	Assamese	20+3
M.A. in Political Science	Political Science	20+3
M.Sc. in Mathematics	Mathematics	20+3

Instructions for the Candidates:

- Candidates must submit their applications online. The candidates can apply by clicking on the link given below. Application fee: Rs.300/-
- They are advised to read all the necessary instruction carefully before filling the online application form.
- Upload all the relevant documents as instructed.
- Admission into the PG programmes will be based on the result of the **entrance examination**.
- The entrance examination will be conducted for **50 Marks** comprising both MCQs and descriptive type questions. The duration of the examination will be **1 hour 30 minutes**. **The syllabi for the entrance examination will be the UG syllabus of the concerned subject.**
- Candidates will have to submit attested copies of all relevant documents of B.A./B.Sc. final year mark sheets, caste certificates etc. along with hard copies of the filled-in application forms at the time of admission.
- Original Certificates will have to be produced for verification at the time of admission.

N.B.:

- Please visit the college website (<https://dhakuakhanacollege.ac.in/>) or contact 9401120216, 8486832190 for details regarding the dates of entrance examination, publication of merit list and date of admission
- Endowment Seat: In all the departments 03 Nos. seats will be reserved for Endowment category. For admission under the endowment category, candidates have to submit an application to the office of the Principal.
- Regarding the admission process, course syllabi, applicants are directed to consult the Programme Co-ordinator (P.G.) of the respective department.

Link for online application: <https://dhakuakhanacollege.ac.in/online/reg.php>

Sd/-
Principal

স্নাতকোত্তৰ প্ৰৱেশ পৰীক্ষা (২০২৫)ৰ নিৰ্ধাৰিত পাঠ্যক্ৰম অসমীয়া বিভাগ

বিষয় -

- অসমীয়া সাহিত্যৰ যুগ বিভাজন আৰু বিভিন্ন যুগৰ পটভূমি-বৈশিষ্ট্য
- অসমীয়া লোকসাহিত্য
- অসমীয়া ভাষাৰ গঠন
- অসমীয়া চুটিগল্প, নাটক, উপন্যাস, কবিতা, গীত
- অসমীয়া আত্মজীৱনী, জীৱনী, আলোচনী
- তুলনামূলক সাহিত্য
- সাহিত্যতত্ত্ব (শব্দশক্তি, ৰস, ছন্দ, অলংকাৰ)
- অসমীয়া সংস্কৃতি
- অসমীয়া সাহিত্যিক আৰু সাহিত্যকৃতি
- সাম্প্ৰতিক অসমীয়া সাহিত্যৰ গতি-বিধি

Syllabus for PG Entrance Test
Department of Political Science
Dhakuakhana College (Autonomous)

Political Theory

Concepts: Liberty, Equality, Justice, Rights, Democracy, Power, Citizenship, Political Traditions: Liberalism, Conservatism, Socialism, Marxism, Feminism, Ecologism, Multiculturalism, Postmodernism.

Political Thought: Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, Hegel, Mary Wollstonecraft, John Stuart Mill, Karl Marx.

Indian Political Thought

Kautilya, Aggannasutta, Barani, Kabir, Pandita Ramabai, Bal Gangadhar Tilak, Swami Vivekanand, Rabindranath Tagore, M.K Gandhi, Sri Aurobindo, M.N.Roy, V D Savarkar, Dr. B.R.Ambedkar, Jaya Prakash Narayan,

Comparative Political Analysis

Approaches: Institutional, Political Culture, Political Economy and New Institutionalism; Comparative Methods Colonialism and decolonization: forms of colonialism, anti-colonial struggles and decolonization Nationalism: European and non-European. Political regimes: democratic (Electoral, Liberal, Majoritarian and Participatory) and non-democratic regimes (Patrimonialism, Bureaucratic authoritarianism, Military dictatorship, Totalitarianism, and fascist Democratisation: democratic transition and consolidation. Development: Underdevelopment, Dependency, Modernization, World Systems Theory, development and democracy.

International Relations

Approaches to the study of International relations: Idealism, Realism, Structural Marxism, Neoliberalism, Neorealism, Social Constructivism, Critical International Theory, Feminism, Postmodernism. Concepts: State, state system and non-state actors, Power, Sovereignty, Security: traditional and non- traditional. United Nations: Aims, Objectives, Structure and Evaluation of the Working of UN; Peace and Development perspectives; Humanitarian intervention. Globalisation; Global governance and Bretton Woods system, North-South Dialogue, WTO, G-20, BRICS. Contemporary Challenges: International terrorism, Climate change and Environmental Concerns, Human Rights, Migration and Refugees; Poverty and Development..

Political Processes in India

State, Economy and Development: Nature of Indian State, Development Planning model, New Economic Policy, Growth and Human Development. Non-Party Social Formations, Non-Governmental Organisations, Social Action Groups. Regionalisation of Indian Politics: Reorganisation of Indian States, States as Political and Economic Units, Sub-State Regions, Regional disparities, Demand for New States, Gender and Politics in India: Issues of Equality and Representation. Ideology and Social basis of Political Parties: National Parties, State Parties. Electoral Politics: Participation, Contestation, Representation, Emerging trends

Public Administration

Public Administration: meaning and evolution; public and private administration Approaches: System Theory, Decision Making, Ecological Approach Public administration theories and concepts: Scientific Management Theory, Rational Choice theory, New Public Administration, Development Administration, Comparative Public Administration, New Public Management, Scientific Management Theory, Bureaucratic Theory, Human Relations Theory Managing the organization: Theories of leadership and motivation.

Indian Government and Politics

Making of Indian Constitution, Organs of Government: Legislature, Executive, Judiciary Federalism, Decentralisation

Syllabus for PG Entrance Examination, 2025-26

Dhakuakhana College (Autonomous)

Subject : Mathematics

Classical Algebra & Calculus :

De Moivre's Theorem and its application to various problems, Expansion of $\sin x$, $\cos x$ and $\tan x$, Hyperbolic Function, Expansion of $\sinh x$ and $\cosh x$ and their related problems, Gregory's Series.

Well Ordering Theorem of positive integers, Division algorithm, Congruences and its basic properties, Statement of the Fundamental Theorem of Arithmetic.

System of Linear Equations, Row Reduction, Echelon Form, Vector Equation and Matrix Equation $Ax = b$, Linear Dependence and Independence of vectors R^n

Successive Differentiation, Leibnitz Theorem and its application, L'Hospital's Rule, Applications of maxima & minima, Partial Differentiation, Euler's Theorem on Homogeneous Function.

Reduction Formulae of the types $\int \sin^n x \, dx$, $\int \cos^n x \, dx$, $\int \tan^n x \, dx$, $\int (\log x)^n \, dx$ and $\int \sin^m x \cos^n x \, dx$ and their derivations, Rectification, volume and surface area of revolution of a curve.

Real Analysis :

Countable sets, uncountable sets and uncountability of R , Bounded above sets, Bounded below sets, Bounded sets, Unbounded sets, Suprema and infima, The Completeness Property of R , The Archimedean Property, Density of Rational and Irrational numbers in R , Intervals, Limit points of a set, Isolated points.

Sequences, Bounded sequence, Convergent sequence, Limit of a sequence, Limit Theorems, Monotone Sequences, Monotone Convergence Theorem, Subsequences, Divergence Criteria, Monotone Subsequence Theorem, Bolzano Weierstrass Theorem for Sequences. Cauchy sequence, Cauchy's Convergence Criterion. Statements of Infinite series, convergence and divergence of infinite series, Cauchy Criterion.

Linear Algebra :

Vector spaces, Subspaces, Algebra of subspaces, Quotient spaces, Linear combination of vectors, Linear span, Linear independence, Basis and dimension, Dimension of subspaces.

Linear transformations, Null space, Range, Rank and nullity of a linear transformation, Matrix representation of a linear transformation, Algebra of linear transformations. Isomorphisms, Isomorphism Theorems, Invertibility.

Ordinary Differential Equations :

Exact differential equations and integrating factors, separable equations and equations reducible to this form, linear equation and Bernoulli equations, special integrating factors and transformations.

General solution of homogeneous equation of second order, principle of super position for homogeneous equation, Wronskian: its properties and applications, Linear homogeneous and non-homogeneous equations of higher order with constant coefficients, Euler's equation, method of undetermined coefficients, method of variation of parameters.

Partial Differential Equations :

First-Order Equations: Classification, Construction, Non-linear partial differential equations, Charpit's method & Jacobi's method, Canonical Forms of First-order Linear Equations, Method of Separation of Variables for solving first order partial differential equations.

Classifications of second order linear equations as hyperbolic, parabolic or elliptic, Derivations of Heat equation, Wave equation and Laplace equation and their solutions, Reduction of second order Linear Equations to canonical forms.

Theory of Real Functions :

Limit of a function, Sequential Criterion of limits, Divergence criteria, Statement of Limit theorems & their applications.

Continuous Functions and sequential criterion of continuity and discontinuity, Algebra of continuous functions & their application to problems, Continuity on an interval, intermediate value theorem, Location Root Theorem, Preservation of interval theorem, Uniform Continuity, Statement of Non uniformity criteria, Uniform Continuity Theorem.

Group Theory :

Symmetries of a square, Dihedral groups, definition and examples of groups including permutation groups and quaternion groups, elementary properties of groups. Subgroups and examples of subgroups, centralizer, normalizer, center of a group, product of two subgroups.

Properties of cyclic groups, classification of subgroups of cyclic groups, Cycle notation for permutations, properties of permutations, even and odd permutations, alternating group, properties of cosets.
