



North Lakhimpur College (Autonomous)
Khelmati, Lakhimpur, Assam-787031

ADMISSION NOTICE FOR P.G. CLASSES, 2022-23

Online Form submission started from- 28/07/2022				
Last date of online submission- 11/08/2022				
Sl	Class/Course Last date of form Submission	Intake Capacity	Date of Entrance	For any details please contact
			Venue of Examination	
			Date of Result	
			Date of Admission	
1	M.A. in Assamese	30	13/8/2022	94351-89174 WA, 70029-68932 Ph Dr. Arabinda Rajkhowa
			Dept. of Assamese, NLC	
			16/8/2022	
			20/8/2022	
2	M.A. in Political Science	30	13/8/2022	9435189916 Dr. Diganta Hatiboruah
			Dept. of Pol. Science, NLC	
			16/8/2022	
			20/8/2022	
3	M.Sc. in Chemistry	15	13/8/2022	96787-94771 Dr. Raghab Parajuli
			Dept. of Chemistry, NLC	
			16/8/2022	
			20/8/2022	
4	M.A. in Mass Communication	20	No Entrance Examination	97073-93519 Dr. Amaresh Boruah
			N.A.	
			16/8/2022	
			20/8/2022	
5	M.Sc. in Electronics	12	No Entrance Examination	94357-97033 Dr. Jitumoni Mudoj
			N.A.	
			16/8/2022	
			20/8/2022	
6	M.Sc. in Physics	12	13/8/2022	9435086340 Dr. Kakali Borah
			Dept. of Physics, NLC	
			16/8/2022	
			20/8/2022	
7	M.Sc. in Botany	12	13/8/2022	60001-94336 Dr. Chittaranjan Borah
			Dept. of Botany, NLC	
			16/8/2022	
			20/8/2022	
8	M.Sc. in Zoology	12	13/8/2022	8638392607 Dr. Tarun Ch. Taid
			Dept. of Zoology , NLC	
			16/8/2022	
			20/8/2022	
9	M.A. in English	22	13/8/2022	9435086842 Dr. Kamala Kanta Bori
			Dept. of English, NLC	

			16/8/2022	
			20/8/2022	
10	M.A. in Education	20	13/8/2022	93656-84691 Mr. Banikanta Konwar
			Dept. of Education, NLC	
			16/8/2022	
			20/8/2022	
11	M.A. in Economics	20	13/8/2022	60030-45662 Dr. Achinta Kumar Saikia
			Dept. of Economics, NLC	
			16/8/2022	
			20/8/2022	
12	P.G.D.C.A.	15	No Entrance Examination	9435180721 Ranjit Paul
			N.A.	
			16/8/2022	
			20/8/2022	
13	P. G. Diploma in Disaster Management	15	No Entrance Examination	8011498024 Dr. Swapnali Gogoi
			N.A.	
			16/8/2022	
			20/8/2022	

Selection Procedure:

1. Total Marks of Entrance Examination is 50. Time 2 hours.
2. **Admit Card & Roll No:** All candidates are requested to bring a printout of their application form [Bar-coded]; this will be considered as admit card for the examination. The form no will be used as roll no of entrance examination.
3. For preparation of merit list 50% marks will be taken from Degree [BA/BSc/BCom] examination and 50% marks from entrance examination.
4. Those students whose degree final examination results are yet to be declared, mark- sheet up to 4th/5th Semester will be considered at the time of entrance examination.
5. Selected students must submit their final year Mark sheets, Certificate and other relevant documents after declaration of their UG result, or else the seat will be cancelled.
6. Admission will automatically be cancelled who fails in the Final Year Degree Examination.

N.B.

1. For details about entrance examination please visit the college website www.nlc.ac.in
2. Students have to submit the form through online mode only. The link is available on the website. Application fee: ₹300.
3. **Endowment Seat:** In all department 10% of total seats will be admitted in Endowment category. For admission under endowment category, candidates have to submit application to the Principal / HoD of concern Dept.
4. Date of Commencement of Classes: **22/08/2022**.



Dr. Biman Ch. Chetia
Principal
North Lakhimpur College
(Autonomous)

Syllabus for PG Entrance Examination, NLC, 2022

Sl	Subject	Syllabus
1	Assamese	<p>1. অসমীয়া সাহিত্যৰ ইতিহাস 2. অসমীয়া অসমীয়া ভাষা আৰু লিপিৰ ইতিহাস 3. সংস্কৃতিৰ ইতিহাস</p> <p>মুখ্য প্ৰসঙ্গ পুথি- (ক) অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত - সত্যেন্দ্ৰনাথ শৰ্মা, (খ) অসমীয়া ভাষাৰ উদ্ভৱ, সমৃদ্ধি আৰু বিকাশ - উপেন্দ্ৰনাথ গোস্বামী, (গ) অসমীয়া সংস্কৃতি - লীলা গগৈ</p> <p>[Objective type Question 30 x 1 = 30 Marks Essay Type Question 10 x 2 = 20 Marks</p> <p>প্ৰৱেশ পৰীক্ষা আৰু নামভৰ্তি সম্পৰ্কে অধিক জানিবলৈ তলৰ হোৱাটছএপ গ্ৰুপত সংযুক্ত হ'ব পাৰিব। https://chat.whatsapp.com/BWuWyK788TY7bFpXhhtjvL</p>
2	PoliticalScience	Indian Government and Politics, International Relations and Political Theory.
3	Chemistry	Inorganic, Organic, Physical, Spectroscopy as per the standard UG course syllabus.
4	Physics	<p>Mathematical Methods: Calculus of single and multiple variables, partial derivatives, Jacobian, imperfect and perfect differentials, Taylor expansion, Fourier series. Vector algebra, Vector Calculus, Multiple integrals, Divergence theorem, Green's theorem, Stokes' theorem. First order equations and linear second order differential equations with constant coefficients. Matrices and determinants, Algebra of complex numbers.</p> <p>Mechanics and General Properties of Matter: Newton's laws of motion and applications, Velocity and acceleration in Cartesian, polar and cylindrical coordinate systems, uniformly rotating frame, centrifugal and Coriolis forces, Motion under a central force, Kepler's laws, Gravitational Law and field, Conservative and non-conservative forces. System of particles, Center of mass, equation of motion of the CM, conservation of linear and angular momentum, conservation of energy, variable mass systems. Elastic and inelastic collisions. Rigid body motion, fixed axis rotations, rotation and translation, moments of Inertia and products of Inertia, parallel and perpendicular axes theorem. Principal moments and axes. Kinematics of moving fluids, equation of continuity, Euler's equation, Bernoulli's theorem.</p> <p>Oscillations, Waves and Optics: Differential equation for simple harmonic oscillator and its general solution. Superposition of two or more simple harmonic oscillators. Lissajous figures. Damped and forced oscillators, resonance. Wave equation, traveling and standing waves in one dimension. Energy density and energy transmission in waves. Group velocity and phase velocity. Sound waves in media. Doppler Effect.</p>

		<p>Fermat's Principle. General theory of image formation. Thick lens, thin lens and lens combinations. Interference of light, optical path retardation. Fraunhofer diffraction. Rayleigh criterion and resolving power. Diffraction gratings. Polarization: linear, circular and elliptic polarization. Double refraction and optical rotation.</p> <p>Electricity and Magnetism: Coulomb's law, Gauss's law. Electric field and potential. Electrostatic boundary conditions, Solution of Laplace's equation for simple cases. Conductors, capacitors, dielectrics, dielectric polarization, volume and surface charges, electrostatic energy. Biot-Savart law, Ampere's law, Faraday's law of electromagnetic induction, self and mutual inductance. Alternating currents. Simple DC and AC circuits with R, L and C components. Displacement current, Maxwell's equations and plane electromagnetic waves, Poynting's theorem, reflection and refraction at a dielectric interface, transmission and reflection coefficients (normal incidence only). Lorentz Force and motion of charged particles in electric and magnetic fields.</p> <p>Kinetic theory, Thermodynamics: Elements of Kinetic theory of gases. Velocity distribution and Equipartition of energy. Specific heat of Mono-, di- and tri-atomic gases. Ideal gas, van-der-Waals gas and equation of state. Mean free path. Laws of thermodynamics. Zeroth law and concept of thermal equilibrium. First law and its consequences. Isothermal and adiabatic processes.</p>
5	Botany	Algae, Fungi, Microbiology, Biochemistry, Cell Biology, Archegoniate, Taxonomy, Anatomy, Genetics, Ecology, Plant Physiology.
6	Zoology	Invertebrate, Vertebrates and all other branches of Zoology as provided in the UGC syllabus.
7	English	<p>(1) Critical appreciation of an unknown poem : 15 marks</p> <p>(2) Literary Theory and Criticism : 20 marks</p> <p>(3) Literary Trends and Movements : 15 marks</p> <p>Follow this link to join my WhatsApp group: https://chat.whatsapp.com/IPq2z3EVjUw5DkfUERwRGe</p>
8	Education	<p>(The total marks for Entrance Examination will be 50. The 40 marks for Objective Type question (MCQ) , each question will carry one mark and other 10 marks for one Subjective Type question.)</p> <p>Philosophical Foundations of Education, Psychological Foundations of Education, Educational Administration and Management, Educational Measurement and Evaluation, Education in Post-Independent India, Techniques of Teaching as per the standard of UG Course.</p> <p>The applicant must join the WhatsApp Group by following given link: https://chat.whatsapp.com/Gszi8qjsdQwI29SHcYjK5j</p>
9	Economics	<p>Consumer Behaviour: Utility, Demand, Indifference Curve, Consumer Equilibrium</p> <p>Production and Cost: Long run and Short run cost, Iso-quant, Producer's equilibrium.</p> <p>Market: Perfect Competition and Imperfect Competition</p> <p>Monetary Economics: Money, Inflation and Deflation and Banking System</p> <p>Economic Application of Calculus: Differentiation and Integration</p>

		<p>Employment Theories: Classical, Keynes and Say's Law of Market</p> <p>Public Finance: Public Revenue, Public Expenditure, Public Debt, Government Budget</p> <p>Development Theories: Solow, Harrod-Domar, Endogenous Growth model</p> <p>International Trade: Theories of International Trade, ToT, Exchange Rate</p> <p>Sampling and Probability Theory: Types of Sampling, Determination of Probability</p>
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Admission Fee Structure

Sl	Subject	Admission Fee
1	Assamese	15,000.00 [For 1 st Year] 15,000.00 [For subsequent Year]
2	Political Science	15,000.00 [For 1 st Year] 15,000.00 [For subsequent Year]
3	Chemistry	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
4	Mass Communication	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
5	Electronics	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
6	Physics	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
7	Botany	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
8	Zoology	20,000.00 [For 1 st Semester] 15,000.00 [For subsequent Semester]
9	English	15,000.00 [For 1 st Year] 15,000.00 [For subsequent Year]
10	Education	20,000.00 [For 1 st Year] 15,000.00 [For subsequent Year]
11	Economics	15,000.00 [For 1 st Year] 15,000.00 [For subsequent Year]
12	P.G.D.C.A.	10,000.00 [For 1 st Semester] 8,000.00 [For subsequent Semester]
13	P. G. Diploma in Disaster Management	10,000.00 [For 1 st Semester] 8,000.00 [For subsequent Semester]

N.B.

1. Fee of Endowment Seat: ₹30,000 for Arts subject & ₹35,000 for Science subject to be paid at the time of admission, excluding admission fee.

2. Hostel Admission Fee : Rs. 7,300 [for 1st Year], Rs. 6,800 [For subsequent year]

