ECONOMICS DEPARTMENT		
PAPER NO.	**COURSE**	**COURSE OUTCOME**
M 104	Micro Economics I	- Knowledge on the basic principles ofmicroeconomic theory. Emphasis on thinking like an economist - Practical knowledge on how macroeconomic concepts can be applied toanalyze reallife situations.
M 105	Macroeconomics I	- Basic knowledge on the Concepts of Macroeconomics. - Basic knowledge on the preliminary concepts associated with the determination and measurement of aggregate macroeconomic variables like savings, investment, GDP, money, inflation, and the balance of payments.
M 204	Micro economics II	- Basic knowledge on the behaviour ofindividual agents. - Basic knowledge on application of mathematical tools to understand the basicconcepts of microeconomics.
M 205	Macroeconomics II	- Knowledge on the various alternativetheories of output and employment determination in a closed economy in the short run as well as medium run. - Basic knowledge on the role of policy inoutput and employment determination. - Knowledge on various theoretical issues related to an open economy.
M 304	Elementary Mathematics for Economics	The course is based on basic calculus andapplication to the discipline of Economics that would enable students to comprehend mathematical modeling techniques

M 305	The Monetary System	• Taking in to account to the fast development of Indian financial sector and increasing role of monetary policy, paper aims to generate theoretical and applied understanding of monetary economics. Whole syllabus is divided in to three parts. First two modules cover the advanced economic theories and rest two covers financial institutions and monetary policy, respectively.
M 404	Mathematical Application in Economics	• Basic knowledge on transmit the body of basic mathematics in order to study the economic theory. • Illustration of the method of applying Mathematical Techniques to economic theory in general.
M 405	Introduction to Development Economics	Specific course outcome of this course are: • To familiarize students with cutting edge research topics in the field. • To provide a critical reading of the current literature on the empirical microeconomics of development. • To provide conceptual tools to improve students analytical ability and their access to publishing on academic journals.
M-501	Elements of Public Finance	• Knowledge on the nature and scope of public finance. • Detailed knowledge on public revenue – concepts of revenue receipt and non-revenue receipt, tax and non-tax revenues. Knowledge on sources and classifications of public revenue. • Detailed knowledge on public expenditure, classifications and cannons, Wagner's law, effects on production, distribution and economic stability. Knowledge on importance of public expenditure in developing countries. • Detailed knowledge on public debt- sources, burden, redemption of public debt, debt trap. • Knowledge on role of public debt in developing countries.
M 502	Basic Statistics(For BA)	• Theoretical knowledge on central tendency and dispersion. • Knowledge on various methods of numerical calculations of central tendency and dispersion. • Detailed knowledge on correlation and regression. • Knowledge on concepts of probability, random variables and mathematical expectation relating to discrete random variables.

M 503	Introduction to Environmental Economics	• Knowledge on the nature and scope of environmental economics, Economy- environment interaction • Detailed knowledge on market failure, externality and public good, tragedy of commons. • Knowledge on the Environmental Kuznets's curve and pollution control policies. Detailed knowledge on global environmental issues.
M 504	International Trade and Policy	• Detailed knowledge on the theories of international trade – Ricardian, Heckscher- Ohlin, Leontief Paradox, factor intensity reversal. • Knowledge on terms of trade and gains from trade- various concepts and factors affecting the ToT, offer curves, distribution of gains from trade, trade as an engine of growth. • Detailed knowledge on international trade policy-free trade vs protection, concepts and effects of tariff, optimum tariff and retaliation, types and effects of quotas, optimum tariff and retaliation.
M 505	History Economic Thought I	• Knowledge on early period- Mercantilism and physiocracy • Knowledge on classical period- Contributions of Adam Smith, David Ricardo, Thomas Robert Malthus, J.B. Say and J.S.Mill.
M 506	Policy and the Indian Economy	• Knowledge on the basic features of the Indian economy and increasing importance of tertiary sector. • Detailed knowledge on poverty, inequality and unemployment – conceptual and measurement issues in the Indian context. • Detailed knowledge on the role of agriculture in economic development, barriers to agricultural growth, land reforms measures in India, green revolution, food security and public distribution system. • Detailed knowledge on the role of industries in the development process, overview of the industrial policy measures before and after reforms.

M 601	Public Economics	- Knowledge on the cannons, types and principles of taxation, Knowledge on the impact, incidence and shifting of taxation, taxable capacity - Detailed knowledge on the effects of taxation on the production and distribution system, characteristics of a good tax system. - Knowledge on the concept and classifications of government budget. - Detailed knowledge on the meaning, objectives, and components of fiscal policy. - Detailed knowledge on the federal finance, current finance commissions. Useful for students aiming towards careers in the government sector, policy analysis, business and journalism.
M602	Applied Statistics(For BA)/Econometric Method(For BSC)	- Knowledge on the concept, uses, problems and methods of constructing index numbers. - Basic knowledge on the concepts and components of time series analysis. Basic knowledge on the concepts and measurements of various fertility and mortality rates; Life tables. - Knowledge on the sample survey-population, sample, parameter.
M 603	Economics of Natural Resources and Sustainable Development	- Knowledge on the types and characteristics of natural resources. - Detailed knowledge on the Economics of Renewable and Non-renewable resources. - Knowledge on the environment-development trade-off, Sustainable - development – indicators and policy issues.
M 604	International Economics	- Basic knowledge on the nature and scope of international economics, international economics as a distinct branch of economics. - Knowledge on the structure of balance of payments (BOP), types and causes of disequilibrium of BOP. - Detailed knowledge on foreign exchange market and exchange rates. Knowledge on economic integration, international institutions.

M 605	History of economic thought	• Knowledge on some famous schools of thought-marginal school, Austrian school, Neo-classical economics, Welfare economics. • Knowledge on the Keynesian economics-departure from classical school. Detailed knowledge on the Indian Economic thought.
M 606	Planning for development: India and the North-East	• Basic knowledge on meaning, justification and types of planning. • Broad knowledge on the planning process in India – 1951-90, strategies, goals, achievements and failures; planning in the post liberalisation period. • Detailed knowledge on the basic features and consequences of economic globalisation in India. • Knowledge on the FDI and FPI. • Detailed knowledge on economic problems of north-east India.

E-101	Elementary Microeconomics	o Knowledge on the basic principles of microeconomic theory. Emphasis on thinking like an economist o Practical knowledge on how macroeconomicconcepts can be applied to analyze real life situations.
E-201	Introductory Macro Economics	o Basic knowledge on the Concepts of Macroeconomics. o Basic knowledge on the preliminary conceptsassociated with the determination and measurement of aggregate macroeconomic variables like savings, investment, GDP, money, inflation, and the balance of payments.
E-303	Money, Banking, and Finance	o Knowledge on the nature and scope of public finance. o Detailed knowledge on public revenue – concepts of revenue receipt and non-revenuereceipt, tax and non-tax revenues. Knowledge on sources and classifications ofpublic revenue. o Detailed knowledge on public expenditure,classifications and cannons, Wagner's law,effects on production, distribution and economic stability. Knowledge on importance of public expenditure in developing countries. o Detailed knowledge on public debt- sources, burden, redemption of public debt, debt trap.
E 403	Indian Economy with Issues of North-East	On completion of the course students will be able to: o Develop ideas of the basic characteristics ofIndian economy, its potential on natural resources. o Understand the importance, causes and impact of population growth and its distribution, translate and relate them witheconomic development. o Grasp the importance of planning undertakenby the government of India, have knowledgeon the various objectives, failures and achievements as the foundation of the ongoing planning and economic reforms taken by the government. o Understand agriculture as the foundation of economic growth and development, analyse the progress and changing nature of agricultural sector and its contribution to theeconomy as a whole. o Not only be aware of the economy as a whole, they would understand the basic features of Mizoram's economy, sources of revenue, how the state government financeits programs and projects.

E-503	Public Finance	o Students successfully completing this unit will have the ability to o Differentiate between public finance and private finance o Explain tax and non- tax revenue, differentiate between direct and indirect tax, explain shifting of taxation and effects of taxation o Describe the effects of taxation on production, distribution and economic stability, role of public expenditure in developing country o Explain the types of public debt and how debt is repaid o Explain the main objectives of fiscal policy o Describe the government budget
E-504	Introduction to Growth and Development Economics	o The goal of this course is to provide students with the essential tools and concepts of development economics, to prepare them to understand what makes underdevelopment persist and what helps development succeed. o To familiarize students with cutting edge research topics in the field. o To provide a critical reading of the current literature on the empirical microeconomics of development. o To provide conceptual tools to improve students analytical ability and their access to publishing on academic journals.
E 603	International Economics	o Students successfully completing this unit will have the ability to o Understand the nature and scope of international economics, explain the o Ricardo's theory of international trade o Explain the different concepts of terms of trade o Explain the structure of BOP, disequilibrium in BOP, causes of disequilibrium o Describe the foreign exchange rate and determine its equilibrium exchange rate o Explain the objectives of IMF and IBRD
E 604	Planning and Development in India	o This course helps to understand the present health of Indian Economy with major recommendations. o Study Poverty, Inequality and Unemployment: Conceptual and Measurement Issues – the Indian Situation

		DEPARTMENT OF EDUCATION	
Edu-Maj-1.01	Foundation of EducationalTheories and Principles	- Students will be acquainted with the principles of education - Students will gain knowledge about different various Forms and Aims of Education	
Edu-Maj-1.02	Educational Psychology	- Students will understand the concept and importance of Discipline and Freedom - Students will acquire knowledge about theconcept of Emotional and National Integration and International Understanding.	
Edu-Maj-2.01	Development of Educationin India	- Students will learn about the past educational systems. - They will be able to clearly draw the difference between the past and the presenteducational system.	
Edu-Maj-2.02	Sociological Foundation ofEducation	According to educational sociology, Curriculum is organized sothat it may help in achievement of social aims	
Edu-Maj-3.01	Emerging Issues andEducation	- identify various issues and concerns o education, - express the concerns of policy implementation, - analyze the educational access, inclusive education, learning outcome and other systemic issues of education, and critically reflect on education system andits concurrent concerns.	
Edu-Maj-3.02	Educational Measurementand Educational Statistics	This paper describes a framework for providing quantitative measurement ofa Course Learning Outcome.	
Edu-Maj-4.01	Educational Technology	- To provide education in the use of Information and Communication Technology or ICT. - To encourage higher- level thinking and creativity through ICT. - To deliver students with a learning experience in instructional technology. - To promote computer-based educationalresources.	

Edu-Maj-4.02	Environmental and Population Education	• The Environmental Studies major preparesstudents for careers as leaders in understanding and addressing complex environmental issues from a problem- oriented, interdisciplinary perspective
Edu-Maj-5.01	Philosophy of Education	• How philosophical ideas have influencededucational ideas. • About the concept of philosophy and itsrelationship with education.
Edu-Maj-5.02	Educational Thinkers- Oriental and Occidental.	• The philosophy of life of different educational thinkers and their contributionto present day educational thought.
Edu-Maj-5.03	Teacher Education	• The concept, scope, aims objectives andsignificance of Teacher Education. • About professional ethics and accountability of teacher.
Edu-Maj-5.04	Teaching -Learning Methodand Pedagogy.	• Awareness about the objective of educational technology in teaching learning process and various methods anddevices used in teaching. • Knowledge about innovations in the field of education through technology and makethe students understand the strategies of effective teaching as a profession.
Edu-Maj-5.05	Statistics In Education	• It will enable the students to understandthe basic concept of Statistics includingdifferent statistical procedures used in educational field.
Edu-Maj-5.06	Psychological Practical.	• The course aims to deliver practical and in-depth experience in accordance to the principles learnt in the theory of general psychology. • To impart conceptual and theoretical knowledge in basic and applied areasof Psychology.
Edu-Maj-6.01	Developmental Psychology.	• Identify the major issues, tasks and milestones of human development, suchas physical, cognitive, social and emotional development throughout the lifespan. Evaluate core concepts, strengths, and weaknesses of the major theories of lifespan development.
Edu- Maj-6.02	Continuing Education andDistance Education	• This study examines the impact of telecommunications media upon learningoutcomes designed on level of learning and instructional strategy

Edu Maj--6.03	Special Education	• Will be able to describe the concepts of special education and related the general procedure of special education. • Will be able to describe the roles and responsibilities for special educationpersonnel.
Edu -Maj-6.04	Guidance and Counselling	• Understanding of the concept, nature,scope and importance of guidance. • Understanding of the role of schoolcounselor and qualities of a good counselor.
Edu-Maj-6.05	Educational Managementand Administration	• Understanding of the basic concepts of management, organization and administration
Edu- Maj-6.06	Project Work	• Idea about how to do a small research project by following all systematic steps ofresearch.

Edu-Gen-1.01	Foundation of Educational Theories and Principles	• Students will be acquainted with theprinciples of education • Students will gain knowledge about differentvarious Forms and Aims of Education
Edu-Gen-2.01	Educational Psychology	• Students will understand the concept and importance of Discipline and Freedom • Students will acquire knowledge about the concept of Emotional and National Integration and International Understanding.
Edu-gen-3.01	Development of Education in India	• Students will learn about the past educationalsystems. • They will be able to clearly draw the difference between the past and the presenteducational system.
Edu-gen-4.01	Sociological Foundation of Education	• According to educational sociology, Curriculum is organized so that itmay help in achievement of social aims.
Edu-gen-5.01	Emerging Issues and Education	After going through this Unit, you should be able to: • identify various issues and concerns ofeducation, • express the concerns of policyimplementation, • analyze the educational access, inclusive education, learning outcome and other systemic issues of education, and critically reflect on education system and itsconcurrent concerns.
Edu-gen-5.02	Educational Measurement and Educational Statistics	• It will enable the students to understand the basic concept of Statistics including differentstatistical procedures used in educational field.

Edu-gen-6.01	Educational Technology	• To provide education in the use of Information and Communication Technology or ICT. To encourage higher-level thinking and creativity through ICT. Todeliver students with a learning experience ininstructional technology. To promote computer-based educational resources.
Edu-gen-6-02	Environmental and Population Education	• The Environmental Studies major preparesstudents for careers as leaders in understanding and addressing complex environmental issues from a problem-oriented, interdisciplinary perspective

DEPARTMENT OF ENGLISH		
B.A. Eng-maj-1.1	General English- Prose	• The aim of this course is to provide the student an opportunity to read and respond to representations ofissues in contemporary life and culture in the Englishlanguage. • The selection of texts is aimed to present themes and topics thatare stimulating, insightful and informative.
1.1	The Social and Literary Context: Medieval and Renaissance	• This paper acquaints students with the contexts of theEnglish literary tradition. • Students are expected to read and relate the circumstances that influenced, shaped and contributed to the process of literary production from the medieval period to the Renaissance.
1.2	Poetry and Plays	• In this paper students will study poetry and drama that emergedagainst the literary and historical contexts studied in the previous paper.
B.Sc. Eng-maj-1.1	Functional English	• This paper aims to develop the communicative skills ofthe learners in listening, speaking, writing and reading. • The main focus is on how English is used in real-life situations.
2.1	General English- Poetry	• The aim of this course is to provide the student an opportunity to read and respond to representations ofissues in contemporary life and culture in the Englishlanguage. • The selection of texts is aimed to present themes and topics thatare stimulating, insightful and informative.
2.1	The Social and Literary Context: Restoration to the Romantic Age	• The objective of this paper is to acquaint students withthe contexts of the English literary tradition from the Restoration of Charles II and the reopening of the theatres in 1660 to the Age of Romanticism. • Students are expected to understand the circumstances that influenced, shaped and contributed to the process of literary production and topics identified in this paper are necessary anduseful markers.

2.2	Restoration to Romanticism English Poetry Drama, Fiction	• In this paper students will have the opportunity to study the literary texts that reflect the socio-cultural and political interests of the period studied in Paper III and also examine the ways in which texts take part in and are produced by urgentissues of a time
2.1	Functional English	• This paper aims to develop the communicative skills ofthe learners in listening, speaking, writing and reading. • The main focus is on how English is used in real-lifesituations.
Eng-Gen-1.1	Functional English	• This paper aims to develop the communicative skills ofthe learners in listening, speaking, writing and reading. • The main focus is on how English is used in real-lifesituations.
1.1	Alternative	• The BA Alternative English Course, designed for
	English-Poetry	• Students who will be from disciplines other than English Literature, offers students a representative selection of texts written in the English language or translated into English, from the major literary genres. • It seeks to familiarize students, through these texts, withgreat ideas, issues of immediate social and cultural concern and also enable them to acquire a facility with the English language.
2.1	Functional English	• This paper aims to develop the communicative skills ofthe learners in listening, speaking, writing and reading. • The main focus is on how English is used in real-lifesituations.
2.1	Alternative English-Drama	• The BA Alternative English Course, designed for students who will be from disciplines other than English Literature, offers students a representative selection of texts written in the English language or translated into English, from the major literary genres. • It seeks to familiarize students, through these texts, with great ideas, issues of immediate social and culturalconcern and also enable them to acquire a facility with the English language. • This paper on Drama acquaints students with 3 plays from various periods and different literary cultures. It expects students to study these plays keeping in mindthe distinctive features of the dramatic form.
3.1	Alternative English-Fiction	• This paper on Fiction introduces the genres of the noveland the short story.
4.1	Alternative English-Non-Fictional Prose	• Non Fictional Prose will be introduced to the students.

		DEPARTMENT OF HISTORY	
His-Maj-101	Introduction to History	- This paper aims to acquaint students with themeaning and scope of history - Characterisation of history like economic, social, political etc. - Acquaint students with history and other disciplines, traditions and historical writing
102	History of India (Up To A.D. 300)	- Aims to introduce students with the geographicalbackground, pre-historic phases - Introduces students with proto-history, stateformation in 6th century BC - Post Mauryan Invasions and their impact
203	History Of India (300-1200A.D.)	- In this paper students shall learn about the age of theGuptas - Post-Gupta period - Rise of the regional powers and foreign invasions
204	History Of Ancient CivilizationsOf The World	This paper introduces students to the history of ancientEgypt, ancient Mesopotamia, Chinese civilizations and Ancient Greece and, Ancient Roman Empire
305	INDIA UNDER THE TURKO-AFGHANS	- This paper aims to introduce students to the foundation and consolidation of the sultanate - It acquaints students with the fragmentation of theSultanate and Rise of Provincial Kingdom - And also with the state, society and economy
306	History Of Assam (5th Century to1228 A.D.)	- This paper aims to introduce students with ancient Assam, its ruling dynasties and political institutions - Also introduces students to the post Pala Political conditions
407	India Under The Mughals	This paper aims to introduce students with the advent of the Mughals and struggle for existence
408	History Of Europe (1453-1789)	This paper aims to introduce students to the transition from Medieval to Modern Age
509	India UnderThe East India Company	- This paper aims to acquaint students to theconsolidation of British rule - Also introduces students with the impact of colonialrule on rural economy - This paper aims to introduce students with popular resistance - to Company's rule

510	History Of Assam(1228 A.D. To 1826)	• This paper is specifically designed to introduce students with Mughal invasion and Ahom resistance • The paper also introduces students with the politicalinstitutions, society, economy and religion
511	History Of Europe (1789-1870)	• This paper aims to introduce French Revolution The paper aims acquaint students with the rise and fall ofNapoleon and unification of Italy and Germany.
512	History Of Science AndTechnologyIn Pre-ColonialIndia	• This paper aims to acquaint students with stone agetechnology, iron age culture This paper introduces students with the technological developments in Medieval period
513	History Of Great Britain(1485-1820)	• This paper acquaints students with the history ofEngland under the Tudors, Stuarts The paper also aims to acquaints students with constitutional developments, industrialization and its social impact
514	History Of China(1839-1949)	• This paper aims to introduce students with thecondition of China before the advent of the imperialist powers • This paper aims to introduce popular and reformmovements • It also aims to introduce nationalism in China along with the growth of communism
615	India UnderThe Crown	• This paper aims to introduce students with Indian nationalism
616	History Of Assam (1826-1947)	• This paper introduces students with the advent of the • British in Assam • It also introduces students with British territorial expansionin Assam along with the political awakening
617	History Of Europe (1871-1945)	• This paper acquaints students with the history of Europe particularly France, Germany, Italy, Russia and World war II
618	WORLD SINCE1945	• This paper aims to introduce students with UNO,Conflict in the Middle East • It also aims to introduce students with China, Vietnam andthe Korean war, Africa after decolonisation
619	History OfJapan (1853-1941)	• This paper introduces students with Tokuguwa Shogunate, • Meiji restoration, Emergence of Japan as world power andJapan between the two world wars
620	Project	• This paper aims to introduce students with research related activities and train them to write projects on any given topic.
His-Gen-1.1	Early India Up To1200 A.D.	• This paper introduces students with ancient civilisations like Harappan and Vedic • It also aims to introduce the condition of India in the6th century B.C, Emergence of Territorial States andForeign Invasions, Rise of Regional Powers in the Post Gupta period • This paper also introduces post Harshavardhana Polity

2.2	Early Assam Up To 1228 A.D.	• This paper introduces students with the society,economy and religion of Ancient Assam • It also aims to introduce students with Political Institutionsand condition of Assam in the post Pala period
3.3	History OfIndia (1200-1526)	• This paper introduces students with the foundation,consolidation and expansion of the Delhi sultanate • This paper introduces students with the rise of Provincialkingdoms
3.4	History Of Assam (1228-1826)	• This paper introduces students with the history of Ahom-Mughal conflicts and the zenith of the Ahomrule its decline and downfall. • This paper also introduces students with Koch kingdoms.
4.5	History OfIndia (1526-1757)	• This paper introduces the advent of the Mughals and territorial expansion, rise of the Afghans under Sher Shah. • This paper also aims to introduce Mughal administration and also the rise and disintegration ofthe Maratha power • This paper also aims to acquaint students with the advent ofthe Europeans like Portuguese, Dutch, French and English
4.6	History Of Europe (1453-1815)	• This paper aims to introduce students with the transition • from Medieval to Modern age, the French Revolution andRise and fall of Napoleon.
5.7	History OfIndia (1757-1857)	• This paper aims to introduce students with the establishmentand consolidation of the British as a political power.
5.8	History Of Europe (1815-1945)	• This paper aims to introduce history of Europe,Unification of Germany and Italy • The paper also aims to acquaint students with the formationof triple alliance and triple entente along with Russian Revolution, rise of Fascism and Nazism
6.9	History OfIndia (1857-1947)	This paper aims to introduce students to the British administrative changes after the Revolt of 1857.
6.1	History Of Assam (1826-1947)	• This paper aims to introduce students with the adventof the East India Company. The paper also introduces students with resistance to BritishRule, British territorial expansion.
DEPARTMENT OF PHILOSOPHY		
Phi-Maj-1.01	Logic	• Able to perform the conversion amongdifferent number systems
1.02	Epistemology and Metaphysics	• This course provides students with anintroduction to central issues in metaphysics, epistemology, logicand philosophy of language.
2.01	Logic 2	

2.02	Epistemology and Metaphysics	• This course provides students with anintroduction to central issues in metaphysics, epistemology, logic and philosophy of language.
3.01	Indian Philosophy	• The outcome of the course is to understand the basic of Indian ethics which includes Hindu, Jaina and Buddhist ethics. The outcome of the course is to understand the valid argument form which includes propositional andpredicate logic.
3.02	History of Modern Western Philosophy	• The outcome is to increase the horizonof Western Philosophical Thoughts particularly contemporary western philosophy
4.01	Indian Philosophy 2	• This Course Is Emphasizing On The Modern Indian Philosophical Concepts
4.02	History of Modern Western Philosophy	• He Outcome Is To Increase The HorizonOf Western Philosophical Thoughts Particularly Contemporary Western Philosophy
5.01	Greek Philosophy	After completion of the course • students willunderstand • The philosophies of the ancient Greece that influenced much of Western culture
5.02	Contemporary westernphilosophy	• After completion of the course students willunderstand • It enables the students to know about thinking of the Western philosophers andtheir system buildings
5.03	Contemporary westernphilosophy	• The outcome is to increase the horizon ofWestern Philosophical Thoughts particularly contemporary • western philosophy. The outcome of the course is to create critical insight in socio- • political ideas of governance and ideals about socio-political system and idealism.
5.04	Ethics	After completion of the course students willunderstand • How they can apply the moral considerations in their practical world
5.05	Philosphy of Religion	After completion of the course students will gain • Students will be able to know how we cansee the religious viewpoints scientifically.
5.06	Social Philosophy	After completion of the course students will gain • To know about social and political aspectsof our society.
6.01	Greek Philosophy	After completion of the course students will gain • Knowledge about the philosophies of theancient Greece that influenced much of Western culture

6.02	Contemporary Indianphilosophy	After completion of the course students will gain • Knowledge about the philosophical thinking of the great Indian thinkers aboutthe human life and reality
6.03	Contemporary WesternPhilosophy	After completion of the course students will gain • Knowledge about thinking of the Westernphilosophers and their system buildings.
6.04	Ethics	After completion of the course students • Will understand their responsibilitytowards their society • Will become morally sound.
6.05	Philosphy of Religion	After completion of the course students • Will be able to know how we can see thereligious view points scientifically
6.06	Project Paper	After completion of the course students • Will get a chance to apply their gainedknowledge and will have a real life experience to make their own analysis.
Phi-Gen-1.01	Logic	• Able to perform the conversion amongdifferent number systems
2.01	Logic	• Able to perform the conversion amongdifferent number systems
3.01	General Philosophy	After completion of the course students will • Enables the students to think criticallyabout human mind.
4.01	Indian Philosophy	
5.01	General Philosophy 1	After completion of the course students will • Enables the students to think criticallyabout human mind.
5.02	Indian Philosophy 1	After completion of the course students will gain • An ability to search for the truth throughthinking and speculation, about life and reality
6.01	Ethics	After completion of the course students will gain • Makes students to understand about the nature of ethical properties, statements,attitudes, and judgments.
6.02	Reliogion	After completion of the course students will gain • Knowledge about the orign, developmentand concept of religion

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DEPARTMENT OF POLITICAL SCIENCE

Pol-Maj-1.1	Political Theory –I	- To understand the nature, scope and significanceof political theory. - To appreciate the procedure of differenttheoretical ideas in political theory. - To understand the various traditional and moderntheories of political science. - To evaluate the theories of origin of the state.
1.2	Politics In India – I	- To understand the philosophy of Indian constitutions. Introducing the Indian Constitutionwith a focus on the evolution of it and examiningthe essence of the Preamble. - To know the salient features of Indian constitution o Examining the Fundamental Rightsand Duties of Indian citizens with a study of the significance and status of Directive Principles. - Critically analyzing the important institutions of the Indian Union: the Executive: President; PrimeMinister, Council of Ministers; Governor, Chief Minister and Council of Ministers; The legislature: Rajya Sabha, Lok Sabha, Speaker, Committee System, State Legislature, The Judiciary: Supreme Court and the High Court: composition and functions- Judicial Activism.
2.1	Political Theory -Ii	Explaining the concept of Democracy, its types and theories (Elitist, Pluralist and Marxist) relatingto it. - To understand the concept of Development and various views and Perspective relating to it. i.e. Liberal, Marxist, Sustainable Development, Human Development and Gandhian Model of Development. Understanding basic concepts of Justice, distributive justice, multiculturalism andsocial justice. - Explaining the nature of Third World Countries and Neo-Colonialism. o Explaining the views of - Andre Gunder Frank in terms of DependencyTheory.
2.2	Politics In India – Ii	- Looking at the Centre-State Relations with focuson the Legislative, Administrative and Financial Relations. Critically evaluating the Indian Party system – its development and looking at theideology of dominant national parties. - Evaluating the Electoral Process in India with focus on the Election Commission: Composition,Functions and Role.
3.1	Internationa lRelations – I	- The students will get an overview about thenature, evolution and scope of international relations. - It will help them to get acquainted with the basicideas of international relations - It will familiarise the students with the different approaches to the study of International Relations.It will also give them a historical background of the discipline which will help them understandinternational politics in a better way.

3.2	Public Administration – I	• This paper deals with the administration of the country. The students learn in detail about the mechanism through which the state machinery works. The students get an insight into how the central as well as the state government carries outits function
4.1	Internationa lRelations – Ii	• To understand the basic concepts of InternationalRelations and also develop a preliminary understanding of the global economy. • Explaining the formation, charter and objectives of United Nations and its working on MillenniumDevelopment Goals. • Evaluating the working of United Nations in resolving conflict and peacekeeping operations.To analyse the international security; Disarmament, Arms Control and Nuclear nonproliferation. • This paper shall help the students to develop a deeper understanding of International Relations along with the different international organisations and stakeholders in it.
4.2	Public Administration – Ii	• To understands the basics of personnel administration- both processes and institutions.To explain the concepts of financial administration in the country with special reference to the process and principles of budgeting. • To introduce the concept of development administration and to the contributions of Fred W.Riggs. o To explain the importance of citizens and administration and introduce institutions for the • redressal of public grievances- Lokpal, Lokayuktaetc.
5.1	Western Political Thinkers	• To introduce the students to the Greek politicaltradition, specifically to the ideas of Plato and Aristotle. • To explain the ideas of medieval and early modern political thinkers like St. Augustine and • Machiavelli. To familiarise the students with the exponents of the Social Contract Theory- Hobbes, • Locke and Rousseau. To help the students to • develop and elaborate understanding of Marxianpolitical thought.
5.2	Select Constitutions – I	• To introduce the students to the basics of theideas of constitution and constitutionalism. • To introduce the constitution of United Kingdom-British political system and the British political traditions. • To introduce the constitution of United State of America, it's Federal system, presidential form ofgovernment and political parties and interest groups. To help the students make a comparative study of the constitutions of United Kingdom andUnited States of America.

5.3	Politics In North-East India/General Sociology – I	• This paper shall help the students to understand and defined the concepts of sociology and shall also brief them about the historical evolution of the same. o It shall explain the different methodsof sociological study to the students. • It shall elaborate in depth about the basic conceptsof sociology- like-Family, Society and Community. • It shall introduce the students to the ideas of sociostratification, socio class and concepts of gender.
5.4	Contemporary Political Issues	• To explain the current issues of international politics to the students- like environmental issuesand terrorism. • To introduce and explain the ideas of human development and human security as well as to elaborate on the issues of gender in international politics.
5.5	Rural Local Governane	• Community development concentration, Understand how to help village and countiesimprove their overall well-being. • Understand conventional development andplanning theories at rural level. • Apply village developmental resources properlyDevelop a local leadership. • Exhibit the efforts for rural development. • Apply the management and theory at local level. • Awareness of the basic governing system as wellas development measures
5.6	Human Rights/Democracy in India - I	• This paper teaches the students about our rights. Through this paper the students are acquainted with the rights in the national as well as international level. They are also shown how to claim redressal in case the executive or for that matter or other organization tries to trespass withour rights.
6.1	Indian Political Thinkers	• The paper shall introduce the most prominent Indian Political Thinkers like Manu, Kautilya, Raja Ram Mohan Roy and Jyotiba Phule. • It shall also explain the ideas of M N Roy, • Mahatma Gandhi, Jawaharlal Nehru, B R Ambedkar and J P Narayan. • The basic objective of the paper is to help thestudents to develop a comprehensive understanding of the basics of Indian political thought.
6.2	Select Constitutions - II	• To introduce the students to the constitution ofthe People's Republic of China- their political processes, party system and institutions. • To explain the constitution of Switzerland- theSwiss political tradition, Swiss federalism, their pattern of democracy and their political partiesand interest groups.

6.3	Politics In North-East India/General Sociology - II	• To familiarise the students with the ideas of-culture, social control, social change and socialisation. • To elaborate the principles in operations of the given concepts in an elaborate manner.
6.4	Contempora ryPolitical Ideologies	• To introduce the students to the most contemporary ideologies like-neo liberalism,feminism, religious fundamentalism and multiculturalism. • To explain the meaning and the different understandings of given concepts and to help the students to develop a broad understanding of these ideologies.
6.5	Rural Local Governance	
6.6	Human Rights In India/ Democracy InIndia - II	• This paper shall focus on the tradition of humanrights in India. • It shall elaborate on the historical evolution, and institutional mechanisms for the protection of human rights in India. • It shall also touch upon the emerging issues of human rights in the country, different movementsrelating to human rights and shall also deal with the rights of vulnerable groups in India.
Pol-Gen-1.1	Political Theory –I	• To Understand The Philosophy Of Indian Constitutions. Introducing The Indian ConstitutionWith A Focus On The Evolution Of It And Examining The Essence Of The Preamble. • To Know The Salient Features Of Indian Constitution O Examining The Fundamental RightsAnd Duties Of Indian Citizens With A Study Of The Significance And Status Of Directive Principles. • Critically Analyzing The Important Institutions Of The Indian Union: The Executive: President; PrimeMinister, Council Of Ministers; Governor, Chief Minister And Council Of Ministers; The Legislature: Rajya Sabha, Lok Sabha, Speaker, Committee System, State Legislature, The Judiciary: Supreme Court And The High Court: Composition And Functions-Judicial Activism.
2.1	Political Theory –II	• Explaining the concept of Democracy, its types and theories (Elitist, Pluralist and Marxist) relatingto it. • To understand the concept of Development and various views and Perspective relating to it. i.e. Liberal, Marxist, Sustainable Development, Human Development and Gandhian Model of Development. Understanding basic concepts of Justice, distributive justice, multiculturalism andsocial justice. • Explaining the nature of Third World Countries and Neo-Colonialism. o Explaining the views of • Andre Gunder Frank in terms of DependencyTheory.

3.1	International Relations -I	• The students will get an overview about the nature, evolution and scope of internationalrelations. • It will help them to get acquainted with the basicideas of international relations • It will familiarise the students with the different approaches to the study of International Relations.It will also give them a historical background of the discipline which will help them understandinternational politics in a better way.
3.2	Politics in India – I	• To understand the philosophy of Indian constitutions. Introducing the Indian Constitutionwith a focus on the evolution of it and examiningthe essence of the Preamble. • To know the salient features of Indian constitution o Examining the Fundamental Rightsand Duties of Indian citizens with a study of the significance and status of Directive Principles. • Critically analyzing the important institutions of the Indian Union: the Executive: President; PrimeMinister, Council of Ministers; Governor, Chief Minister and Council of Ministers; The legislature: Rajya Sabha, Lok Sabha, Speaker, Committee System, State Legislature, The Judiciary: Supreme Court and the High Court: composition and functions- Judicial Activism.
4.1	International Relations -II	• To understand the basic concepts of InternationalRelations and also develop a preliminary understanding of the global economy. • Explaining the formation, charter and objectives of United Nations and its working on MillenniumDevelopment Goals. • Evaluating the working of United Nations in resolving conflict and peacekeeping operations. • To analyse the international security; Disarmament, Arms Control and Nuclear nonproliferation. • This paper shall help the students to develop a deeper understanding of International Relations along with the different international organisations and stakeholders in it.
4.2	Politics In India – II	• Looking at the Centre-State Relations with focuson the Legislative, Administrative and FinancialRelations. Critically evaluating the Indian Party system – its development and looking at the ideology of dominant national parties. • Evaluating the Electoral Process in India with focus on the Election Commission: Composition,Functions and Role.
5.1	Public Administration - I	• This paper deals with the administration of the country. The students learn in detail about the mechanism through which the state machinery works. The students get an insight into how the central as well as the state government carries outits function.

5.2	Select Constitutions – I	• To introduce the students to the constitution of thePeople's Republic of China- their political processes, party system and institutions.
6.1	Public Administration – II	• To understands the basics of personnel administration- both processes and institutions.To explain the concepts of financial administration in the country with special reference to the process and principles of budgeting. • To introduce the concept of development administration and to the contributions of Fred W.Riggs. o To explain the importance of citizens andadministration and introduce institutions for the redressal of public grievances- Lokpal, Lokayuktaetc.
6.2	Select Constitutions – II	• To introduce the students to the constitution of the • People's Republic of China- their politicalprocesses, party system and institutions.

DEPARTMENT OF GEOGRAPHY		
Geo-Maj-101	Understanding Geography	• After completion of this lesson, students will be acquiring knowledge about scope of geography, its interdisciplinary and integration with other disciplinesof study. Students will have a overview of development of geography as a discipline of science through the ages. Will have a basic concept about interrelationship, content and nature of interaction and interdependencies between physical environment and human development. Students will learn the basic concepts of geography in relation to spatial variation, spatio-temporal variation, their interaction and • organization. Students will have a fair knowledgeabout human ecology and system concepts.
M 102	Basis of geomorphology	• This paper aims to provide an in depth knowledge about the physical characteristics of the earth. Throughthis paper students will gain in depth knowledge aboutthe various aspects of the earth, especially the lithosphere. Focus is also given on the creation, evolution and also destruction of various landforms ofthe earth
M103	Geomorphology Practical	• Practical on geomorphology aims to train the students with the ability to read and construct maps explaining the physical characteristics of the topography of the earth.
M201	Oceanography and Climatology	• After this lesson the students will become able toacquaint themselves with nature and scope of oceanography and distribution pattern of land, sea and oceans. • They will have knowledge of bottom relief of oceans, their waves and current in relation to origin,type, characteristics and impact of ocean waves and current on environment.

M202	World Regional Geography	- Students will also have knowledge about ocean resources, their types and distribution and their influences upon mankind. - Thelearners will have the basic concepts of climatology and its geographical significance along with knowledge of earth's atmosphere in respect to structure, composition and characteristics. - A fair knowledge about elements and factors influencing climate. - Have a concept of distribution of temperature over earth surface, global pressure belts and wind system, formation and characteristics ofcyclones.
M202	World Regional Geography	- After this lesson the students will become able todemonstrate an understanding about the history of social and environmental processes that have influenced forming of the world's major cultural regions. - Will become able to compare evolutionary processes of human societies under different historical,cultural and environmental perspectives. - Will acquire knowledge of major regions of the world with cultural and physical features.
M203	Practicals on Oceanography, Climatology	- Students will become able to draw and interpret various curves pertaining to land surface and ocean bottom, ocean currents on charts and relief features ofocean. - Will acquire practical knowledge for construction and interpretation of vertical layers of earth's atmosphere, rainfall-temperature-humidity graphs. - Will be able to study and interpret weather maps and can predict weather condition from these maps. - Will become able to develop world demarcation maps based on social and economic indicators. - Will become able to make graphicalrepresentation of world population growth.
M301	Soil and Biogeography	- Upon completion of this lesson, the learners will be able to describe soil profiles, its characteristics, significance as a basic component of environment and life supporting system. - The learners will know aboutthe physical and chemical properties of the soil, soil types and processes of soil formation. - Learn about concept and relevance of biogeography, ecosystem andecology responsible for global trend of distribution of major plants and animals. - Learn about bio diversity, types of bio diversity, role of human in ecologicaldisturbances and conservation issues.
M302	Economic Geography	This paper intends to provide the students with the knowledge of how various economic activities are related with geography. The workings of the various economic sectors like primary, secondary and tertiaryare specifically focused upon so that a better understanding of the relationship between geographyand economics can be provided

M303	Practical on Biogeography, Economic Geography and field study	• This paper gives practical use of above mention theorypapers where students can learn to prepare map of different soil group of India and North East India alongwith different Industrial zones, vegetation, natural parks and sanctuaries of India. Besides these students can learn about the use of different cartographic technique of representation of economic and population data through trend line, pie –graph, linegraph, choropleth mapping etc.
M401	Forms and Processes of Geomorphology	• Geomorphology produces an outcome, indicating that students should be able to work out a geomorphic process. • By studying this paper students can acquire an overall knowledge regarding the various processes and forms that operates in our physical environment , itmay includes river processes, mountain building processes, theories related to plate tectonics,earthquakes etc.
M402	Human Geography	• This paper provides the students with the knowledge about the human aspects of geography which forms theother aspect of the subject. Through this paper studentsare made well versed with the relationship between human beings and the natural world, i.e. the physical environment. The various philosophical contents of the paper attempts to provide the students about thephilosophical background of the subject.
M403	Practical on Geomorphic Process	• Students will able to read, interpret and generate maps and other geographic representations as well as extract analyze and present information from a spatialperspectives. • Students can develops an idea regarding different topographic condition including flood plain plain area, foot hill zones, alluvial plain etc.
M501	Concept of Regional Development Planning and Geography of Developmentof USA and JAPAN	• This paper studied in details about the planning of different regions including resource potentiality of different regions of the world • By studying this paperstudents can acquire knowledge regarding different indicators of development through which he/she can understand and developed idea regarding developed, underdeveloped and developing regions of the world. • Through gaining knowledge regarding the necessaryskills to plan cities and regional towns. One can learn to balance the competing priorities for developmentpreservation of the natural environment.
M502	Regional Geography of India and SAARC nation	• This paper helps to know the regional resources and itmay help to prepare future plan for welfare of the society.
M503	Cartography and Quantitative Method	• This paper aims to provide the students with the theoretical understanding of the science of map making. Various concepts related to various types ofmap making are taught in this paper. • This paper also aims to equip the students with an indepth theoretical knowledge about the quantitative methods that are often used in the study of geography.

M504	Population and Settlement Geography	• This paper aims to impart the students with the knowledge of population and human settlements. • Since human geography is another branch of geography, students can learn about the various aspectsof human life. In addition to this, important theories regarding population growth and distributionare also taught to the students. Students therefore can learn about the various factors that influence the distribution and growth of populationand settlement around the world.
M505	Practical on Cartographic Methods (Surveying and map works)	• This paper attempts to impart practical training to the students in making maps as well as surveying using different tools and equipments. Hence students are able to depict, represent and analyse various socioeconomic data.
M506	Practical on Cartographic and Quantitative methods	• Through this paper, students can learn about the use of different quantitative methods in the calculationand analysis of various geographic data. Further they can also learn how these data can be represented in the maps. In addition to this, through this paper, students can also learn to read different maps and also give meaning fullinterpretations of such maps.
M601	Environment and Development	• This paper focuses on the study of the environment and development. It intends to impart the students withthe knowledge about the concept of environment as well as the various environmental issues. Students therefore, can get deeper understanding about the different aspects of environment and development. Through this paper, students can learn about the concept of sustainable development. This paper thus aims tomake the students responsible citizens by practicing sustainable development in theireveryday life.
M602	Social and Political Geography	• Political geography is concerned with the study of boththe spatially uneven outcome of political processes andthe way in which political processes are themselves affected by spatial structures.
M603	Regional Geography of Northeast India with special focus on Assam	• This paper attempts to make the students learn about the North-Eastern part of India as a region with specialfocus on the state of Assam. As such, students gain in depth knowledge about the various aspects of this region like, physiography, drainage, climate, soil, natural vegetation, population, society, economy, resources, infrastructure, biodiversity, etc. in addition to this, students also become awareabout the various socio-economic problems of the region and Assam specifically.
M604	Principles and Applicationsof Remote Sensing GIS andGPS	• Through this paper the modern technological applications in geography are taught to the students. Students can gain in depth theoretical knowledge about the use of remote sensing, GIS and GPS, in the study of geography and in the conduct of geographicresearches.

M605	Practical on Advanced technique in Geography	• Practical on advanced techniques in geography includethe practical implications of the modern technologies in geography. Through the study of remote sensing and satellite imagery, students learn to identify and collect distant geographic data. In additionto this, they also learn to allocate ground control points. Further, they also learn to prepare digital maps using GIS softwares. Hence they gain expertise in the preparation of digital maps.
M606	Project Work	• This paper focuses in imparting on field practical knowledge to the students in conducting researches. Attention is given to give different training in the various research methodologies so that students can gain practical lessons in conducting a research successfully. Students learn to collect their primary data using questionnaires and also to collect secondarydata from various offices and authorities. They also learn how design their sample and practically learn to interpret the collected data. • They also learn to represent the data using bothtraditional and digital techniques. Thus throughthis paper, students get hands on expertise in conducting field research enquiring various research questions.
E101	Physical Geography I	At the completion of the course the students ofPhysical Geography will be able to: • Demonstrate the knowledge of basic conceptsin the Physical Geography. • Explain the changes in landforms through theunderstanding of the geomorphic processes operating on the earth. • Describe the dynamics of the atmosphere giving importance to temperature, humidity, atmospheric pressure as the driving force of climatic condition which varies from place toplace and season to season.
E201	Physical Geography II	• Explain the cyclic role of water in the atmosphere, lithosphere, hydrosphere andbiosphere and the importance of water insupporting life on earth. • Acquaint themselves with allied concepts in thefield of geomorphology, climatology and oceanography with special
E301	Human Geography	At the completion of the course the students ofPhysical Geography will be able to:
		• Demonstrate the knowledge of man- environment relationship in the light of the roleof man as active and passive agent. • Understand population in terms of their quality and spatial distribution pattern and the prospectand problems of population growth. • Explain how human activity is changing thecultural and physical landscape through the understanding of settlement patterns. • Describe human capability to respond to his environment and how man adapts and modifiesthe environment under its varied condition. • Understand how spatial variation arises due tovariation in space and how human population reacts differently to the environment.

E302	Practical on Physical Geography	• Will be able to represent relief features of the plateaus, hills, foothills, valleys, plains and flood plains through superimposed / composite/serial or projected profiles. • Will be able to demarcate basin with representation of basin relief through profilesand will be able to draw interpretations. • Will become able to express slope andgradients from a topographical map. • Will be able to draw longitudinal profiles ofrivers from topographical maps, chalk out water discharge curve and calculate the sediment transport and erosion within a landscape. • Will be able to identify sedimentary andigneous rocks and their characteristics.
E401	Cartographic and Quantitative Techniques in Geography	At the completion of the course the students ofPhysical Geography will be able to: • The main purpose of geography is to show different phenomena whether it cultural or physical on maps, therefore showing things onmaps is main purpose of geographers. • The main outcome of the paper lies in the fact that it gives clear idea regarding different typesof maps, different map making processes, surveying techniques along with remote sensing and application geographic informationsystem in geographic studies.
E402	Practical on Human Geography	• The practical use of this paper is that studentsare able to show different objectives like population growth, population distribution, density etc. on maps. So that the student can develop knowledge regarding different mapping procedure like choropleth, thematicmapping etc. • Another important part of the paper is that it helps students in identifying different cultural phenomena of different localities. For example students can develop their knowledge regardingdifferent house types of the states of North EastIndia.
E501	Regional Geography	• This tries to give a detail knowledge about physical, population and economic characteristics of world regional geography. The special preference is given to regional geography of Asia including its population growth, distribution, agriculture and industrialdevelopment. • The emphasis on regional geography of India and Assam including its physical aspects i.e. physiography, climate as well as other aspectsof regional geography as given in details. • Overall this paper is all about the knowledgeof regional geography of local, regional and world level.
E502	Practical on Cartographic and Quantitative techniques	• This paper examines the cartographic method and techniques and its implications. These practicals are prepared to give students an idea about map projections, surveying and mapping techniques along with standard carto statistical way of representation ofdata.

Paper No.	Course	Course Outcome
E601	Economic Political and Environmental Geography	• This paper gives a broader perspectives of different field of geography including political,economic and environmental geography. Through which the paper create awareness among students regarding importance of resources, needs of conservation and their distribution in different parts of the world. • Students can develops idea regarding how different boundary and frontiers are form among countries and what are its importance? • Another important part of the paper is creatingawareness among students about the environment and its protection for better survival of its inhabitants
E602	Practical on map work and interpretation	Through this paper students are able to know aboutdifferent map reading and map analysis techniques along with develops an idea about satellite imageryand can able to prepare weather maps of India for different season.

DEPARTMENT OF BOTANY

Paper No.	Course	Course Outcome
M 101 (Theory)	Plant Kingdom, Algae andFungi	▪ Students will gain knowledge about the diversity in the plant kingdom
M 102 (Theory)	Bryophytes and Pteridophytes	▪ Students will learn about the basic structure andorganization of bryophytes and pteridophytes. ▪ They will gain knowledge about their positionin the plant kingdom and their general habits. ▪ Detailed knowledge about specific species from the each group.
M 103 (Practical)	Algae, Fungi, Bryophytes, Pteridophytes (Practical)	▪ Students will be to identify different groups ofplant kingdom.
M 201 (Theory)	Gymnosperms, Paleobotany and PlantAnatomy	▪ Students will gather knowledge about classification and essential details aboutgymnosperms for its identification ▪ They will learn about the extinct species andtheir structure. ▪ Details about the internal tissue organization of the plants will be attained.
M 202 (Theory)	Cell Biology	▪ Students will gain a in-depth knowledge aboutthe cell and its metabolic activities
M 203 (Practical)	Gymnosperms, Paleobotany, Plant Anatomy and Cell Biology(Practical)	▪ Students will be able to identify the species underthis group. ▪ They will learn to dissect and study the differenttissue organisation.

M 301 (Theory)	Ecology, Plant Geography,Evolution	▪ Students will understand the relationship of theplants and its environment. ▪ Students will gain the knowledge about thedifferent vegetation in different terrains. ▪ They will be able to understand the cause andeffects leading to evolution.
M 302 (Theory)	Instrumentation and Laboratory Techniques	▪ Students will learn about the different laboratoryinstrument and their uses
M 303 (Practical)	Ecology, Laboratory Instrumentation and Laboratory Techniques	▪ Students will obtain the on field experience and have a good knowledge of data collection. ▪ Students will develop important skill on use ofinstruments for scientific examinations.
M 401 (Theory)	Morphology, Palynology, Embryology of Angiosperm	▪ Students will gain knowledge about importantmodifications in plants structure and their identification. ▪ Detailed knowledge about the process of reproduction and the related structures will beobtained
M 401 (Theory)	Morphology, Palynology, Embryology of Angiosperm	▪ Students will be able to identify the differentreproductive structures in plants.
M 402 (Theory)	Plant Taxonomy	▪ Students will be able to understand theclassification of different plant groups. ▪ They will learn about the techniques of identification of plants.
M 403 (Practical)	Morphology, Palynology, Embryology, Plant Taxonomy	▪ Students will be able to identify different plantspecies.
M 501 (Theory)	Microbiology and Immunology	▪ The basic knowledge on microbiology historyand development. ▪ Knowledge on microbial nutrition, growth andmetabolism. ▪ Knowledge on virus nature and transmission.
M 502	Plant Pathology	▪ Basic knowledge on common plant diseases, plant pathogens, disease etiology, Hostparasiteinteraction etc. ▪ Basic knowledge on plant disease management through chemical, biological and biotechnological methods ▪ Basic knowledge on Lichens

M 503 (Theory)	Cytogenetics, Plant Breeding and Biometrics)	▪ Basic knowledge on Mendelian concepts in genetics; structure, functions and properties ofchromosome; chromosomal aberration ▪ Basic knowledge on gene structures and genemutations, population genetics ▪ Basic knowledge on chromosomal mapping andgene interaction studies Basic knowledge on plant breeding and biometrics
M 504 (Theory)	Applied Botany	▪ Basic knowledge on application of microorganism in industry, medicine, agricultureand bioremediation. ▪ Basic Knowledge on crop improvement for disease resistance. Application of plant growth regulators in Agriculture.
M 505 (Practical)	Microbiology, Plant Pathology and Lichen	▪ Practical knowledge on basic microbial techniques, identification of plant pathogen and plant disease and basic structure of Lichen.
M 506 (Practical)	Cytogenetics, Plant Breeding, Biometrics andApplied Botany	▪ Practical knowledge on basics plant genetic techniques, emasculation andcommoplant breeding techniques. ▪ Practical knowledge on basics of Bio-statistical techniques and study of microbes used in industry.
M 601 (Theory)	Molecular Biology and Plant Biochemistry	▪ Basic knowledge on gene regulation and expression, mutation, DNA replication etc. ▪ Basic knowledge on genetic codes and itsproperties. ▪ Basic knowledge on Biomolecules structure andfunction
M 602 (Theory)	Bioinformatics, ComputerApplication and Biotechnology	▪ students will attain a knowledge about computational tools to interpret biological data ▪ Students will learn the basics of computer and itsuses. ▪ Students will learn about the techniques in biotechnology and its applications.
M 603 (Theory)	Plant Physiology	▪ Students will gain knowledge about thefunctioning of the plant body. ▪ Students will understand effect of environmenton its development.
M 604 (Theory)	Plant Resource Utilization	▪ Students will gain knowledge about the differenttypes of plant resources. ▪ They will learn about the cultivation of theeconomically important plants.
M 605 (Practical)	Molecular Biology, Biotechnology, Bioinformatics and Computer Application)	▪ Students will develop important skills foradvance plant studies in molecular level. ▪ Students will gain a hands on experience with use of tools for biological data interpretation incomputer.
E 101 (Theory)	Diversity of Microbes andCryptogams	▪ Students will gain knowledge about classification, characters and lifecycle ofdifferent microbes. ▪ Students will obtain detailed knowledge about lower plant groups and they will be able toidentify the same.

E 201 (Theory)	Cell Biology and Genetics	▪ Students will gain knowledge about the cellstructure and its functions. ▪ Students will learn about the genetic material and their effect.
E 301 (Theory)	Diversity of Seed Plantsand their Systematics	▪ Students will gain knowledge on the variety ofseed plants available. ▪ They will learn about the classification of plantsin this group and their characteristics.
E 302 (Practical)	Diversity of Microbes and Cryptogams, Cell Biology and Genetics, Diversity of Seed Plants and their Systematic (Practical)	▪ Students will be able to identify the differentmicrobes and seed bearing plants. ▪ Students will gain the knowledge about differentstructures of cell. ▪ Students will learn about the structure of genes. ▪ Students will be able to identify the seededplants.
E401 (Theory)	Plant Physiology and Biochemistry	▪ Students will be able to understand the metabolicactivities in plant body. ▪ Students will learn about the important compounds in plant body and their functions
E 402 (Practical)	Plant Physiology and Biochemistry (Practical)	▪ Students will be able to perform practical demonstration of different possible physiologicalactivities of plants ▪ Students will be able to perform simple test for detection of certain important chemicals.
E501 (Theory)	Structure, Developmentand Reproduction in Flowering Plants	▪ Students will gain knowledge about the differentreproductive structures and the detailed process of reproduction.
E502 (Practical)	Structure, Developmentand Reproduction in Flowering Plants (Practical)	▪ Students will be able to identify the reproductivestructure of different plant bodies
E 601 (Theory)	Ecology and Utilization ofPlants	▪ Students will understand the relationship ofplants with their environment and among themselves. ▪ Students will gain knowledge about the diverseplant resources and their cultivation
E 602 (Practical)	Ecology and Utilization ofPlants (Practical)	▪ Students will be able to identify the differentplant resources.
DEPARTMENT OF CHEMISTRY		
PAPER NO.	**COURSE**	**COURSE OUTCOME**

M101	INORGANIC CHEMISTRY	➢ Students will acquire in depth concepts in chemical thermodynamics. ➢ They will be able to understand the rate laws of chemical transformations in chemical kinetics.
M102	ORGANIC CHEMISTRY	➢ Students will have clear understanding on basic concepts for organic compounds like IUPAC nomenclature, hybridization of carbon in organic compounds, tautomerism, acid-base behaviour, etc. ➢ Students will be able to gain the concepts of stereoisomerism aspects in organic compounds. ➢ Students are expected to learn organic reaction mechanisms.
M103	PRACTICAL	➢ Students shall be able to explain basic principles in chemical analysis like sodium carbonate and sodium hydroxide concentration determination. ➢ Students will gain hands on experience of the chromatography techniques.
M201	PHYSICAL CHEMISTRY	➢ The students are expected to learn about kinetic theory of gases. ➢ Students will gain the concepts of surface tension and viscosity. ➢ The students will be able to explain the refractive index of liquids. ➢ Students will also learn an important topic 'Electrochemistry'.
M202	ORGANIC CHEMISTRY	➢ Students will be able to understand the concepts of topocity and prostereoisomerism. ➢ Students will gain basic ideas of organic reaction mechanisms. ➢ Students will also acquire the knowledge about methods of preparation of organic aliphatic and aromatic compounds.
M203	ORGANIC PRACTICAL	➢ The course will help students to explore organic compound analysis and derivative preparations.
M301	STRUCTURE ANDBONDING	➢ Students will gain different concepts in atomic structure, valence bond approach and resonance and resonance energy. ➢ Students will be able to describe bond moments, dipole moments and concept of electronegativity.
M302	BONDING	➢ Students are expected to learn VSEPR theory, steric and electronic effects. ➢ Students will be able to understand molecular orbital theory and Huckel's aromaticity rule. ➢ Students will acquire the concept of ionic bonds, solids and Fajan's rules.

M303	Practical	➢ The course will help students to learn aboutqualitative inorganic analysis.
M401	INORGANIC CHEMISTRY-401(M)	➢ Students will be able to understand periodicity, Slater's rule and tendency for the formation of homo- and hetero-catenation. ➢ Students are expected to learn HSAB concept ➢ Students will also gain the concept of Latimer andFrost diagram. ➢ Students will also learn about boron hydrides,allotropes and intercalation compounds ➢ Students are expected to know the concept of ozonelayer depletion.
M402	INORGANIC CHEMISTRY-402(M)	➢ Students will acquire knowledge about interhalogencompounds. ➢ Students will learn about inorganic chains, ring andcages. ➢ Students are expected to acquire the knowledgeabout different steps in metallurgy. ➢ Students will be able to understand the periodicity in1^{st}, 2nd and 3rd transition series. ➢ Students will learn basic concepts in Coordinationchemistry.
M403	INORGANIC PRACTICAL-403(M)	➢ Students will acquire practical knowledge todetermine hardness of water. ➢ Students will acquire hands on training for thepreparation of some inorganic compounds.
M501	QUANTUM CHEMISTRY	➢ Students are expected to learn about classicalmechanics and quantum mechanics. ➢ Students will know about spin-orbit interaction andterm symbols. ➢ Students are expected to understand Born-Oppenheimer approximation and LCAO-MO theory.
M502	PHYSICAL CHEMISTRY	➢ Students will gain the concepts of collision theory, Erying equation and the theory of unimolecular reactions. ➢ Students will acquire knowledge about photochemistry and Jablonski's diagram. ➢ Students are expected to learn about Phase rule, physisorption and chemisorption.
M503	ORGANIC CHEMISTRY	➢ Students will learn about molecular rearrangementsand oxidation-reduction reactions. ➢ Students will have ideas about polynuclear aromatic,nitro and amino organic compounds. ➢ Students will know about synthesis and reactions of Organo S and P compounds.

		➢ Students are expected to gain ideas about activemethylene groups and heterocyclic compounds.
M504	INORGANIC CHEMISTRY	➢ Students will acquire the concept of bonding in coordination compounds and metal-metal bonding. ➢ Students are expected to learn organometallic chemistry and homogeneous catalysis by transition metal complexes. ➢ Students will learn about essential and trace elements, and also biological roles of elements. ➢ Students are expected to understand the structure and function of Hemoglobin and also the synthetic dioxygen carriers.
M505	INORGANIC PRACTICAL	➢ Students are expected to learn about inorganic quantitative analysis, chromatographic separation of cations and colorimetric estimation of Cu^{2+}.
M506	ORGANIC PRACTICAL	➢ Students will gain practical knowledge about organic compounds preparation and organic quantitativeanalysis.
M601	SPECTROSCOPY	➢ Students will have basic concept of absorption and emission spectroscopy. ➢ Students are expected to learn about selection rules for various transitions. ➢ Students will learn about rotational, vibrational, Raman spectroscopy, Electronic spectroscopy, Spin resonance spectroscopy and Mass spectroscopy.
M602	PHYSICAL CHEMISTRY	➢ Students are expected to learn about Laws of crystallography, dislocation in solids, macromolecules and colloids. ➢ Students will also gain the concept of data analysis.
M603	ORGANIC CHEMISTRY	➢ Students will gain knowledge about organicphotochemistry and typical photoreactions. ➢ Students will acquire knowledge about polymers andfibres. ➢ Students are expected to know basic biochemistry, molecules of living systems and fundamentals of biological energy production. ➢ Students will be able to learn about natural productslike terpenes, alkaloids etc. ➢ Students will learn about the structure andphysiological effect of drugs.

M604	INORGANIC CHEMISTRY	➢ Students are expected to gain knowledge about spectra of coordination compounds ➢ Students will able to understand about metalloproteins and their roles. ➢ Students are expected to learn about toxicity due to metal ions and importance of metal salts. ➢ Students will gain knowledge about nuclear chemistry and also the properties of lanthanides and actinides.
M605	PHYSICAL CHEMISTRY PRACTICAL	➢ Students will gain practical knowledge about determination of coefficient of viscosity and surface tension. ➢ Students will learn to determine the distribution of iodine between CCl4 and water. ➢ Students will be able to perform conductometric titration.
M606	PROJECT WORK	➢ Students are expected to gain in depth knowledge about practical applicability of chemistry through different minor projects.
E 101	GENERAL CHEMISTRY	➢ Students will gain knowledge about structure of matter, classical mechanics and quantum approach. ➢ Students will also be able to understand about covalent bonding, ionic bonding and intermolecular forces ➢ Students will be able to understand about kinetic theory of gases and crystal lattices.
E 201	GENERAL CHEMISTRY	➢ Students will have basic ideas bout hydrocarbons,preparation and reactions of hydrocarbons. ➢ Students will be able to understand about reactionintermediates and stereochemistry. ➢ Students will gain the knowledge about aromaticity. ➢ Students are expected to understand about Chemicalthermodynamics and phase rule.
E 301	GENERAL CHEMISTRY	➢ Students will be able to learn chemistry of non- transition elements and transition elements. ➢ Students are expected to understand the basics of coordination chemistry. ➢ Students will know about essential and trace elements, and also the toxicity due to metals and non-metals. ➢ Students will be able to understand about electrochemistry.
E 302	PRACTICAL	➢ Students are expected to learn practical knowledge about qualitative organic analysis and paperchromatographic separation.

E 401	GENERAL CHEMISTRY	➢ Students will be able to learn about aliphatic, aromatic hydroxyl compounds and ethers. ➢ Students will gain knowledge about aliphatic amines and anilines. ➢ Students are expected to understand general methods of preparation and reactions associated with aliphatic and aromatic carbonyl compounds. ➢ Students will be able to know about synthesis, properties and reactions of carboxylic acids and amino acids. ➢ Students will gain the elementary ideas of carbohydrates, fats and oils. ➢ Students will be able to understand chemical kinetics, surface chemistry and ionic equilibrium.
E 402	PARACTICAL	➢ Students are expected to have practical knowledge about qualitative and quantitative inorganic analysis.
E 501	GENERAL CHEMISTRY	➢ Students will gain the knowledge about electrical and magnetic properties of solids. ➢ Students will be able to understand about principles of chemical analysis. ➢ Students will acquire basic concept about principles and applications of spectroscopy ➢ Students will learn about nuclear chemistry and also about the chemistry of Lanthanides and Actinides.
E 502	PRACTICAL	➢ Students will acquire the practical knowledge about distribution of iodine between two immiscible solvents and determination of water of crystallization. ➢ Students will also be able to determine coefficient of viscosity. ➢ Students will learn to prepare organic compounds.
E 601	GENERAL CHEMISTRY	➢ Students will gain the knowledge about modern methods of water treatments and purification. ➢ Students will be able to learn metallurgy techniques. ➢ Students will learn about different types of fertilizers. ➢ Students will gain knowledge about various types of glass, fibres, paints, different types of polymers and polymerization routes. ➢ Students will know Fischer-Tropsch process. ➢ Students are expected to learn cracking of petroleum
		and also catalytic hydrogenation of vegetable oil and fat. ➢ Students will be able to know principles of cleansing action. ➢ Students will be able to learn about enzymes in industries and environmental chemistry. ➢ Students will gain knowledge about biological chemistry, natural products and medicines.

E 602	PRACTICAL	➢ Students will have practical knowledge aboutdetermination of hardness of water.
		➢ Students will acquire practical applicability ofkinetics study and conductometric titration.
		➢ Students will be able to prepare inorganiccompounds.

DEPARTMENT OF MATHEMATICS

PAPER NO.	COURSE	COURSE OUTCOME
M 104	Algebra and Trigonometry	• Students will learn relations, equivalence • relations, groups, Lagrange's theorem on order ofa subgroup of a finite group, Euler's theorem, Fermat's theorem. • They will learn complex numbers, De'Moiver'stheorem, Gregory's series. • They will learn relation between the roots and coefficients of a general polynomial equation inone variable, Descarte's rule of signs, Cardon's method. • They will know symmetric, skew symmetric, Hermitian and skew Hermitian matrices, rank of • a matrix, normal form, solution of a system oflinear equations by matrix method.
M 105	Calculus	• Students will know about successive differentiation, Leibnit'z theorem, partial • differentiation, Euler's theorem on homogeneousfunctions. • They will learn tangents and normal, concavityand points of inflexion, curvature, asymptotes,singular points and curve tracing. • They will learn reduction formulae forintegration. • They will learn rectification, quadrature, volumeand surface area of solids of revolution.
M -204	Coordinate Geometry	• Students will learn transformation of coordinateaxes, pair of straight lines. • They will know parabola, ellipse, hyperbola,central conics. • They will learn about plane, straight lines andshortest distance. • They will learn sphere, cone, cylinder, centralconicoids, ellipsoid and hyperboloid.

M -205	Differential Equation	• Students will learn ordinary differential • equations, Clairaut's form and singular solutions, orthogonal trajectories. • They will learn linear ordinary differential equations with constant coefficients, exact ordinary differential equations, homogeneous linear ordinary differential equations and Bernoulli's equations. • They will learn linear differential equations of 2nd order with variable coefficients, simultaneous linear differential equations and total differential equations. • They will learn partial differential equations of 1st order, Lagrange's solutions, Charpit's general method of solution.
M 304	Abstract Algebra	• Students will learn homomorphism of groups, fundamental theorems of homomorphism, Caley's theorem. • They will learn rings, integral domains, division rings, fields, principle ideal, prime ideal, maximal ideal, vector space and its subspaces. • They will learn inner automorphisms, class equation and Cauchy's theorem, Sylow's theorems. • They will learn ring homomorphisms, quotient rings, Euclidean rings and polynomial rings.
M 305	Linear Algebra and Vector	• Students will learn sums and direct sum of subspaces, linear span, linear dependence and independence, basis and dimensions. • They will learn about linear transformations and their representation as matrices, the algebra of linear transformations, the rank nullity theorem, change of basis and dual spaces. • They will learn eigenvalues, eigenvector, CayleyHamilton theorem. • They will learn scalar triple product, vector triple product and product of four vectors. • They will learn continuity and derivability of a vector point function, gradient, curl and divergence. • They will learn vector integration, line, surface • and volume integrals, Green, Stokes and Gauss' theorems.

M -404	Real Analysis	• Students will learn characterization of the real number system $\mathbb{R}$ as a complete Archimedean ordered field, neighbourhoods, open set, closedset, sequence of real numbers, Bolzano- Weierestress theorem for bounded sequences, Cauchy sequences, Cauchy's principle of convergence, sandwich theorem, Cauchy theorem on limit. • They will learn about infinite series, convergence, divergence and Cauchy's generalprinciple of convergence, comparison test, Cauchy's root test, D'Alembert's ratio test, Raabe's test, logarithmic test, Gauss test, Cauchy's condensation test, Cauchy's integral test for testing the convergence of series of positive terms, Abel's theorem, alternating seriesand Leibnitz's test. • They will learn limit and continuity of a functionof single variable, properties of continuous functions in closed interval, sequential continuityand uniform continuity. • They will learn derivability of a function of single variable, algebra of derivatives, Darboux'stheorem, intermediate value theorem for derivatives, Roll's theorem, mean value theorems, intermediate forms, Taylor's theorem, Taylor's and Maclaurin's infinite series.
M- 405	Mechanics	• Students will learn about parallel forces, couplesand friction. • They will learn centre of gravity of a plane area,arc and a sector of a curve, C.G of solids and surface of revolution. • They will learn principle of virtual work-intwodimensions, forces in three dimensions. • They will know about stable and unstableequilibrium. • They will learn velocities and acceleration alongradial and transverse directions and along tangential and normal directions. • They will learn about motion on smooth and rough plane curves, motion in resisting medium. • They will know about central orbit and Kepler's laws of planetary motion.
M- 501	Real and Complex Analysis	• Students will learn about some of the classes andproperties of Riemann integrable functions, and the applications of the Fundamental theorems of integration. • They will know about improper integralsincluding beta and gamma functions. • They will learn the significance of differentiability of complex functions leadingtothe understanding of Cauchy−Riemann equations. • They will learn some elementary functions andcan evaluate the contour integrals • They will understand the role of Cauchy−Goursattheorem and the Cauchy integral formula.

M- 502	Topology	• Students will learn various natural and abstractformulations of distance on the sets of usualorunusual entities. Become aware one such formulations leading to metric spaces. • They will analyze how a theory advances from aparticular frame to a general frame. • They will appreciate the mathematical understanding of various geometrical concepts,viz. Balls or connected sets etc. in an abstract setting. • They will know about Banach fixed point theorem, whose far-reaching consequences haveresulted into an independent branch of study in analysis, known as fixed point theory. • They will learn about the two important topological properties, namely connectedness andcompactness of metric spaces. • They will learn about topological spaces, metric topology, neighborhood systems, interior, bases,sub bases, subspaces and relative topology. • They will know about normed linear spaces, Banach spaces, inner product spaces and Hilbertspace.
M- 503	Spherical Trigonometryand Astronomy	• Students will learn about the properties ofspherical and polar triangles. • Students will know about fundamental formulaeof spherical triangles. • They will learn about the celestial sphere, circumpolar star, rate of change of zenithdistance and azimuth. • They will learn about Keplar's law of planetarymotion, Cassini's hypothesis, differential equation for fraction. • They will learn about the Geocentric parallax,stellar or annual parallax, lunar eclipse, solar eclipse, idea of ecliptic limits, frequency of eclipses.
M- 504	Rigid Dynamics	• Students will know how to find the moments andproducts of inertia. • They will learn about the motion of the center ofinertia. • They will learn about the D'Alembert's principleand Lagrange's equations. • They will learn about motion of a body in two dimension.

M- 505	Probability	- Students will learn about probability density and moment generating functions. - They will know about various univariate distributions such as Bernoulli, Binomial, Poisson, gamma and exponential distributions. - They will learn about distributions to study the joint behavior of two random variables. - They will learn the measure the scale of association between two variables, and to establish a formulation helping to predict one variable in terms of the other, i.e., correlation and linear regression. - They will understand central limit theorem, which helps to understand the remarkable fact that: the empirical frequencies of so many natural populations, exhibit a bell-shaped curve, i.e., anormal distribution.
M- 506	Optimization Theory	- Students will learn about general linear programming problems and mathematical formulation of linear programming problems. - They will learn about the graphical solution of linear programming problem with two variables. - They will learn about the relation between basic feasible solutions and extreme points. - They will understand the theory of the simplex method used to solve linear programming problems. - They will learn about two-phase and big-M methods to deal with problems involving artificial variables. - They will learn about the relationships between the primal and dual problems. - They will learn to solve transportation and assignment problems.
M 601	Hydrostatics	- Students will know about Pressure equation, rotating fluids. - They will learn about Fluid pressure on plane surfaces, resultant pressure on curved surfaces. - They will learn about Equilibrium of a floating body, curves of buoyancy, surface of buoyancy, stability of equilibrium of floating bodies, metacentre, work done in producing a displacement. - They will know about Gas law, mixture of gases. - They will learn about work done in compressing a gas, isothermal atmosphere, connective equilibrium.

M- 602	Numerical Analysis	- Students will learn normalized floating point representation of real numbers and operationsusing it, absolute and relative error, truncation and round off errors Students will know calculus of finite difference, finite difference operators and their operations on function of a single variable, Newton;s formulae, Lagrange's formula, Gauss, Bessel and sterling'sformula, Hermite interpolation. - They will learn numerical differentiation andintegration, general quadrature formula, trapezoidal rule, Simpson's one third and threeeighth rule, Weddel's rule, Newton-Cote's formula, Gauss quadrature formula,Chebycheve's formula. - They will know the solution of polynomial andtranscendental equations: Bisection method, - secant method, regula falsi method, Newton-Raphson method, rate of convergence.

M- 603	Computer Programming in C	➢ Students will understand and apply the programming concepts of C which is importantto mathematical investigation and problem solving.
		➢ They will learn about structured data-types in C and learn about applications in factorization of aninteger and understanding Cartesian geometry and Pythagorean triples.
		➢ They will learn the use of containers and templates in various applications in algebra.
		➢ They will learn the use of mathematical librariesfor computational objectives.
		➢ They will know how to represent the outputs of programs visually in terms of well formatted textand plots.
M- 604	Discrete Mathematics	➢ Students will learn about some fascinating discoveries related to the properties of prime numbers, and some of the open problems in number theory, viz., Goldbach conjecture etc.
		➢ They will know about number theoretic functionsand modular arithmetic.
		➢ They will learn to solve linear, quadratic andsystem of linear congruence equations.
		➢ They will learn about Propositional Calculus: operation on statements, truth function, laws of propositional logic, Boolean algebra ofstatementbundles, adequate system of connectives, binary connectives.
		➢ They will know about Boolean Algebra: disjunctive normal form (DNF), Complement ofBoolean expression in DNF, construction of a Boolean function corresponding to a Boolean expression.
		➢ They will learn about conjunctive normal form (CNF), Complement of Boolean expression in CNF, transformation of normal form to the otherform.
M- 605	Graph and Combinatorics	➢ Students will learn about the counting principles,permutations and combinations, Pigeonhole principle
		➢ They will understand the basics of graph theory and learn about social networks, Eulerian and Hamiltonian graphs, diagram tracing puzzles andKnight's tour problem.
		➢ They will know about Block, Cut points. Bridges, Block graphs, Cut point graphs andTrees.
		➢ They will learn about Connectivity and Line connectivity, Graphical variation ofMenger's theorem, Travessavility, Eulerian graphs andHamiltonian graphs.

E-101	Classical Algebra and Trigonometry	➤ Students will learn about inequalities involvingarithmetic, geometric and harmonic means, Cauchy Schwarz inequality.
		➤ They will learn about sequence of real numbers,Bolzano-Weierestress theorem for bounded sequences, Cauchy sequences, Cauchy's principle of convergence, sandwich theorem, Cauchy theorem on limit, infinite series, convergence, divergence and Cauchy's general principle of convergence
		➤ They will learn complex numbers, De'Moiver'stheorem, Gregory's series.
		➤ They will learn relation between the roots and coefficients of a general polynomial equation in one variable, Descarte's rule of signs, Cardon'smethod.
E-201	Abstract Algebra and Matrices	➤ Students will learn about groups, permutationgroups, cyclic groups, subgroups, cosets, Lagrange's theorem on the order of a subgroup of a finite group, normal subgroups, quotient groups, idea of homomorphism and Isomorphismof groups.
		➤ They will learn rings, integral domains, fieldsand their elementary properties.
		➤ They will learn matrices, algebra of matrices, adjoint and inverse of a matrix, its existence and uniqueness, rank of a matrix, invariance of rank of a matrix under elementary transformations, solution of a system of linear equations by matrixmethod.
E-303	Calculus: Methods and Applications	➤ Students will learn about differentiation, successive differentiation, Lebnitz's theorem,angents and Normals.
		➤ They will learn Rolle's theorem, Lagrange's Mean Value theorem, Cauchy's Mean Value theorem, Taylor's theorem, Maclaurin's theorem.
		➤ They will learn limit and continuity of a functions of two or more variables, partial differentiation, Euler's theorem on homogeneous functions(two variables), total differentiatials, maxima and minima of a function of one and twovariables.
		➤ They will learn curvature of plane curves andasymptotes.
		➤ They will learn reduction formulae, properties ofdefinite integrals.
		➤ They will learn quadrature of plane areas,rectification of plane curves.
		➤ They will learn differential equation of first orderand first degree; solution by variable separable methods; homogeneous equations, linear equations and equations reducible to linear forms; exact differential equations; first order higher degree equations solvable for x, y and p; Clairaut's form and singular solutions.
		➤ They will learn linear differential equation withconstant coefficients; homogeneous linear ordinary differential equations.
		➤ They will learn simple applications of ordinarydifferential equations.

E-403	Coordinate Geometry andVector Analysis	➢ Students will learn about Transformation of coordinate axes pair of straight lines, circle, tangent and normal, pole and polar, orthogonalcircle, condition of orthogonality of circles, equation of parabola and its parametric form, tangent and normal.
		➢ They will learn ellipse, tangent and normal,conjugate diameters, hyperbola and its asymptotes
		➢ They will learn general equation of second degree and the conditions for representing a pairof straight lines, parabola, an ellipse and a hyperbola, the equation of tangent, condition of tangency of a line, centre and reduction to standard forms, polar equations of conics.
		➢ They will learn plane, straight lines in three dimensions, shortest distance, sphere, and circlein three dimensions, cone and cylinder.
		➢ They will learn scalar triple product, vector tripleproduct and product of four vectors.
		➢ They will learn vector point function, continuity and differentiation of vector point function, partial derivatives of vectors, curl, grad, and divergence.
E-503	Statics and Dynamics	➢ Students will learn about parallel forces, couple,system of coplanar forces and conditions of equilibrium.
		➢ They will learn centre of gravity of plane curvesand areas, arc and sector of a circle and a parabola.
		➢ They will learn about friction, laws of friction,cone of friction, angle of friction, limiting friction, equilibrium of a particle on a rough inclined plane.
		➢ They will learn about machines, mechanicaladvantage, velocity ratio, three systems of pulleys.
		➢ They will learn about components of velocity andacceleration along radial and transverse directionand along tangential and normal directions, angular velocity and its relation with linear velocity, relative velocity.
		➢ They will learn about rectilinear motion withvariable acceleration, vertical motion under inverse square law and other laws of forces.
		➢ They will learn about simple harmonic motion,motion of a projectile, range on an inclined plane, impulse, impulsive forces, work and energy, conservation of linear momentum and conservation of energy, impact of elastic bodies.

E-504	Numerical Methods andSpherical Astronomy	- Students will learn about finite differenceoperators. - They will learn about Newton's forward andbackward difference operators, Lagrange's interpolation formula. - They will learn to solve roots of algebraic andtranscendental equations, bisection method, Iteration method, Newton Raphson method fornon-repeated roots. - They will learn about spherical triangle and itsproperties, polar triangle and its properties. - They will learn about celestial sphere, threecoordinate systems and their relations, circumpolar stars, signs of zodiac. - They will learn about planetary motion andKepler's laws.
E-603	Linear Algebra and Complex Analysis	- Students will learn about vector spaces, subspaces of a vector space, subspace generatedby a subset of vector space. - They will learn about linearly dependent and independent set, basis and dimension of a vector space, examples of finite dimensional and infinitedimensional vector space. - They will learn linear mapping—definition andexamples, algebraic properties of linear mappings. - They will learn elementary transformation, reduction to echelon and normal form, rank of amatrix. - They will learn eigenvalues, eigenvectors, characteristic equation, statement of Cayley-Hamilton theorem. - They will learn about complex variable, elementary functions, limit and continuity and theorems, uniform continuity, derivatives, analytic functions, Cauchy –Riemann equations and harmonic function. - They will learn rectifiable curves, integral alonga oriented curve, fundamental Cauchy theorem and Cauchy integral formula.
E-604	Advanced Calculus	- Students will learn about various natural and abstract formulations of distance on the sets of usual or unusual entities and become aware onesuch formulations leading to metric spaces. - They will learn about Bolzano- Weirstrass theorem, Cauchy sequences in a metric space andcomplete metric spaces. - They will learn about some of the classes and properties of Riemann integrable functions, andthe applications of the fundamental theorems ofintegration. - They will learn about improper integralsincluding, beta and gamma functions. - They will learn about double and triple integrals,application of beta and gamma functions in determination of area and volume.

		DEPARTMENT OF PHYSICS	

PAPER NO.	COURSE	COURSE OUTCOME
Physics Major - 101 Theory	Mathematical Methods I, Mechanics	➢ In Mathematical part, students will gain the knowledge of all the basics of vectors such as Vector algebra, Product rules, Vector fields, scalar fields etc. ➢ In mechanics, students will gain the knowledge of frames of references (both inertial and non- inertial), pseudo force, rotating force etc. ➢ Students will also get knowledge on work-energy relations. ➢ Students will also get knowledge on system of particles, gravitation etc.
Physics Major - 102 Theory	Waves and Oscillations, Ray Optics	➢ In optics part students will get knowledge on simple harmonic motion, wave motion, Fourier analysis etc. ➢ In optics Students will get knowledge on reflection and refraction in curved surface, about lens systems, and process of image formations and various aberrations.
Physics Major - 102 Practical	Practical	➢ In Practical's, Students will also get knowledge on laboratory basic skills. Students will get familiar with different electronic equipments, different scale systems and gets hands on training on electronic circuits making and soldering etc. ➢ Here students will perform different practicals of mechanics to understand the theoretical knowledge thoroughly.
Physics Major - 201 Theory	Mathematical Methods II, Properties of Matter	➢ Here students will get knowledge on Integration of vectors, Curvilinear co-ordinate systems, Gamma and Dirac Delta functions etc. ➢ In the course, students will also have knowledge about basic properties of matter, such as Elasticity, Surface tension, Viscosity etc.
Physics Major - 202 Theory	Heat and Thermodynamics	➢ In the course, students will have knowledge on basic laws and postulates of heat and thermodynamics, such as kinetic theory of gases, Maxwell law of velocity, all three basic laws of heat and their different forms, enthalpy, entropy, laws of radiations etc.
Physics Major - 203 Practical	Practical	➢ In this course students will perform different practicals of heat and thermodynamics to understand basic concepts experimentally.

Physics Major - 301 Theory	Mathematical Methods III, Electrostatics	➢ In Mathematical part, students will gain knowledge on basic properties of matrix and its applications. ➢ In Electrostatics part, students will gain knowledge on electric field, electric potential etc.They will also learn to calculate electric field andpotential for different structures. Students will also learn about dielectrics phenomenon relatedto dielectrics.
Physics Major - 302 Theory	Current Electricity, Magnetostatics	➢ In current electricity, students will gain knowledge on basic characteristics of electricity,difference between electrostatics, different lawsof electricity and their significance. They will also learn about transient current, alternating current etc. ➢ In the magnetostatics part , students will gain knowledge on Magnetic field, relation between magnetic field and electricity, amperes circuitallaw etc.
Physics Major - 303 Pr	Practical	➢ In the course students will perform practicals ofcurrent electricity, electrostatics and magnetostatics and will understand them experimentally.
Physics Major - 401 Theory	Mathematical Methods IV, Introduction to Computer and computer language	➢ In Mathematical part, students will gain knowledge on differential equations, such as Hermite differential equations, Legendre's differential equations, Legendre's differential equations their polynomials and their applications. Students will also get basic idea ofprobability theory and its applications. ➢ In Computer and computer knowledge part, students will gain knowledge on different components of computers along with flowchart and Algorithms. Students will learn basics of programming language.
Physics Major - 402 Theory	Wave optics, SpecialTheory of Relativity	➢ In the optics part students will get knowledge ondiffraction, interference and polarization. They will also know how these phenomena is affectingour day-to-day visualization process. ➢ In the Special Theory of Relativity part, students will get knowledge on basic postulates of Special Theory of Relativity and will learn to apply the theory for understanding relativistic phenomenon.
Physics Major - 403 Theory	Practical	➢ In the practical part students will understanddifferent optical phenomena via hands on training.

Physics Major - 501 Theory	Mathematical Methods V,Classical Mechanics	Upon Completion of the course students will be able to ➢ Use the knowledge of Complex algebra to solveproblems in real physical systems and conduct Fourier space analysis. ➢ Understand the dynamics of Planet-Star systemin the light of Kepler's law. ➢ 3. Determine the nature of orbits in Central force motion. 4. Learn Calculus of variation and its use in the discussion of Hamilton's variational.
Physics Major - 502 Theory	Atomic Physics	Upon Completion of the course students will be able to ➢ Understand the Quantization of angular momentum, stationary orbits. Develop enoughidea on Bohr's Atomic model. ➢ Grasp the utility of X ray and its applications. ➢ Understand Rutherford's Atomic model.scattering of particles off a heavy target.
Physics Major - 503 Theory	Quantum Mechanics, Astrophysics	After the completion of the course, Students will be ableto ➢ Understand the fundamentals of Quantum Mechanics and the developed framework to understand the behavior of atoms and subatomicparticles. ➢ Grasp the concept of free particle, stationary andnon-stationary states, the method for solving Schrodinger equation in time dependent and timeindependent situations. ➢ Visualize the importance of Quantum tunnelingin devices. ➢ Grasp the knowledge of stellar magnitude anddistance measurement system. ➢ Understand the spectral classification and StellarEvolution.
Physics Major - 504 Theory	Electronics	After the completion of the course, Students will be ableto ➢ Understand the working of SC diode. ➢ Grasp the use of transistor in signal amplificationand switching action. ➢ Understand the functioning of memory element i.e. Flip Flops and will classify the types of Flipflop available.
Physics Major - 505 Practical	Practical	After the completion of the course, Students will be ableto understand use of different optical phenomena and thermal phenomena using various instruments.
Physics Major - 506 Practical	Practical	After the completion of the course, Students will be ableto understand use of different electronic instruments andwill learn to use different electronic equipments and willalso learn to make electronic circuits by soldering and bread board.

Physics Major - 601 Theory	Nuclear Physics	After the completion of the course, Students will be ableto ➢ Understand the concept of binding energy, massdefect and stability of nuclei. ➢ Learn the detail of nuclear fission, chainreaction. ➢ Learn the fundamental concept of nuclear fusion,fusion barrier and challenges ahead. ➢ Gain knowledge on cosmic rays and physical mechanism involving extensive air shower
Physics Major - 602 Theory	Mathematical Methods VI,Solid State Physics	After the completion of the course, Students will be ableto ➢ Grasp idea on use of tensor in differentfields. ➢ Understand the magnetic properties ofsolids, energy loss in hysteresis. ➢ Gain introductory idea on superconductivity, Meissner effect. Applications of superconductors in MRI, NMR and tokamak.
Physics Major - 603 Theory	Modern Optics, Electromagnetic Theory	After the completion of the course, Students will be ableto ➢ To introduce polarization, Brewster'sLaw. ➢ Evaluate EM energy density and quantifyrate of energy flow through a surface. ➢ Gain knowledge on Poynting Vector, formulate energy conservation principlein the light of Poynting Theorem. ➢ Students will understand the propagation of EM waves in homogenous isotropicmedia.
Physics Major - 604 Theory	Statistical Mechanics, Computer Applications	Upon Completion of the course students will be able to ➢ Understand the application of Statistical Mechanics in addressing various problems of Astrophysics, Plasma Physics also in Chemistryand Life sciences. ➢ Describe the behavior of many body systems such as a container filled with gas or a metallic sample with millions of electrons. It can be accomplished with the utility of the Classical and Quantum Statistics. ➢ Utilize BE distribution function to determinePlanck's Radiation Formula. ➢ Grasp idea on BE condensation
Physics Major - 605 Practical	Practical	Upon Completion of the course students will be able to Perform different practicals of electricity and electronics.
Physics Major - 606 Practical	Project work & Computer programming	Upon Completion of the course students will be able • ToPerform C-programming of different programmes. • Students will also learn to perform scientific projects andwill learn to make scientific reports.

Physics - E101 (Th)	Mechanics, Properties ofMatter, Waves and Oscillations	After completion of the course, ➢ In mechanics, students will gain the knowledgeof frames of references (both inertial and non- inertial), rotational motion, etc. ➢ Students will also get knowledge on work-energyrelations. ➢ Students will also get knowledge on system ofparticles, gravitation etc. ➢ Students are expected to have knowledge on elasticity, surface tension and flow of liquids. ➢ Basic idea of S.H.M., Velocity of sound, Ultrasonic wave etc.
Physics - E201 (Th)	Current Electricity, Electrostatics, Magnetism	After completion of the course, ➢ In current electricity, students will gain knowledge on basic characteristics ofelectricity,difference between electrostatics, different lawsof electricity and their significance. They will also learn about transient current, alternating current etc. ➢ In Electrostatics part, students will gain knowledge on basics of electric field, electricpotential etc. Students will also learn about dielectrics phenomenon related to dielectrics. ➢ In the magnetostatics part, students will gain knowledge on Magnetic field, relation betweenmagnetic field and electricity, amperes circuitallaw etc.
Physics - E301 (Th)	Heat, Thermodynamics	➢ After completion of the course, students will have knowledge on basic laws and postulates of heat and thermodynamics, such as kinetic theoryof gases, Maxwell law of velocity, all three basic laws of heat and their different forms, enthalpy,entropy, laws of radiations etc.
Physics - E302 (Pr)	Practical	➢ In the course students will perform practicals ofmechanics and electricity, and will understand them experimentally.
Physics - E401 (Th)	Optics	After completion of the course ➢ Students will get knowledge on simple harmonicmotion, wave motion, Fourier analysis etc. ➢ In optics Students will get knowledge on reflection and refraction in curved surface, about lens systems, Eye Piece etc. and process of imageformations and various aberrations.
Physics - E402 (Pr)	Practical	➢ In the practical part students will understand different optical phenomena and will able to perform different electrical practicals via handson training.

Physics - E501 (Th)	Mathematical Physics, Atomic Physics, Relativity, Renewable Energy	After the completion of the course, Students will able to ➢ Understand Vectors, vector calculus and vector integration, curvilinear coordinates. ➢ Understand Atomic structure, X-rays, vector atom models etc. ➢ Students will have basic idea of special theory of relativity.
		➢ Students will have knowledge about importance of renewal energy and different sources of renewal energy. ➢ Hands on experience of the course.
Physics - E502 (Pr)	Practical	In the practical part students will understand different optical phenomena and will able to perform different electrical practicals via hands on training.
Physics - E601 (Th)	Nuclear Physics, Electronics, Electromagnetic Waves, Solid State Physics	After completion of the course students will have ➢ Concepts of nuclear models, radio activity, particle accelerators, detectors, cosmic rays etc. ➢ Basic idea about different types of diodes, transistor, amplifier and logic gates. ➢ Idea of electromagnetic waves and Maxwells equations. Idea of different crystal structure, different bindings, electron theory etc.
Physics - E602 (Pr)	Practical	After the completion of the course, Students will able to perform practicals of mechanics and electronics.

DEPARTMENT OF ZOOLOGY

PAPER NO.	COURSE	COURSE OUTCOME
M-101	Biosystematics and Taxonomy	➢ Students will gain the knowledge of classification of animal kingdom.
M-102	Animal Diversity-I (Non Chordates)	➢ Students will learn about the characteristics of different non chordates and will be able to identify the same.
M-103 (P)	Practical	➢ Students will gain knowledge about the nonchordates and their characters
M-201	Animal Diversity-II (Chordates)	➢ Students will learn about the characteristics of different chordates and will be able to identify the same

M-202	Ecology, Wildlife Conservation andManagement	➢ Students will gain knowledge about the relationship of the animals with its environmentand themselves. ➢ Students will understand about the wild life indepth. ➢ Students will know about the different conservational strategies and how to avail them.
M-203 (P)	Practical	➢ Students will gain knowledge about ecological
M-301	Comparative Anatomy & Histology	➢ Students will gain knowledge about the tissueand its organisation in the animals. ➢ They will learn about the various tissue types andtheir functions
M-302	Cell Biology	➢ Students will gain a detailed knowledge about thecell and its types. ➢ They will acquire a complete idea of thecomponents of cell and its functions.
M-303 (P)	Practical	➢ Students will be able to identify the differenttissues in animals. ➢ They will be able to identify the different cellsand its characters.
M-401	Developmental Biology	➢ Students will gain the knowledge about thedevelopmental process of an individual. ➢ Students will gain an idea about the evolution ofdifferent organs in animals.
M-402	Genetics	➢ Students will gain knowledge about the genetic material, its structure and behaviour. ➢ They will understand the effect of the genetic material on development of the characters in animals.
M-403 (P)	Practical	➢ Students will be able to identify the differentforms of genetic material. ➢ They will understand the behaviour of the genesduring the cell division.
M-501	Animal Physiology	➢ Students will understand the basic functioning ofthe different organs of the animal body. ➢ They will gain knowledge about the factors affecting the normal functioning of the differentbody parts.
M-502	Bioche mistry & Bioene rgetics	➢ Students will gain the knowledge about theanabolic and catabolic activities

M-503	Endocrinology &Immunology	➢ Students will have the understanding of the history of endocrinology, classification and characteristics of different endocrine glands. ➢ Students will gain knowledge about the structure,secretion and functions of pancreas, hypothalamus, thyroid, and pituitary gland ➢ The students will learn the genetic control and regulation of hormone action at the cellular level
M-504	Biological Techniques and Biostatistics	➢ Understand the working principle and handling of several instruments like pH meter, Colorimeter, Spectrophotometer, Ultracentrifugedifferent type's microscopes ➢ Grasp the knowledge of different biological techniques like chromatography, electrophoresis,Microtomy, Cryopreservation and Autoradiography etc ➢ Understand the use of statistics in biology
M-505 (P)	Practical	➢ Students will clearly understand the physiological mechanism of organisms. ➢ Students will know the effect of differenthormones
M-506 (P)	Practical	➢ Students will gain knowledge about use of fewimportant biotechnological tools ➢ Students will learn the use of important computertools to interpret biological data.
M-601	Animal Behaviour	➢ Learn a wide range of theoretical and practicaltechniques used to study animalbehaviour ➢ Develop skills, concepts and experience tounderstand all aspects of animal behaviour ➢ Objectively understand and evaluate information about animal behaviour and ecology encounteredin our daily lives
M-602	Evolution and Adaptation	➢ Acquire an in-depth knowledge on the diversityand relationships in the animal world ➢ Understand the origin of life, Chemogeny,Biogeny etc ➢ Students will understand the fundamental theories of evolution like Darwinism and Neo-Darwinism, Lamarckism and Neo- Lamarckism, Germplasm theory, Mutation theory, Modern synthetic theory
M-603	Economic Zoology	➢ Learn the general characters, classification, economic importance, diseases symptom & control measure and rearing of four different types of silk worms i.e. Eri, Muga, Pat, Tasar. ➢ Get the basic knowledge of life history, cast system, culture and economic importance ofHoney bees ➢ Get the basic idea of fish identification, capture,culture, integrated and composite farming

M-604	Biotechnology, Bioinformatics and Computer application	- Understand the purpose of the technique, itsproper use and possible modifications/ improvement - Learn the theoretical basis of technique, its principle of working and its correct application - Learn the construction repair and adjustment ofany equipment required for a technique
M-605 (M)	Practical	- Students will be able to clearly understand the process of evolution and observe the change in structure of animals in due course of time. - Students will be able to identify economicallyimportant animal products and their sources
M-606 (M)	Project	- Students will gain skills of using important toolsfor biotechnological applications - Students will be able to use computer based toolto interpret biological data
E-101	Biosystematics,Taxonomy, Wildlife Conservation & Management	- Students will gain knowledge about the classification of organisms and their importantcharacteristics - Students will understand the value of wild life - Students will learn about various conservationmethods and how to apply them.
E-201	Ecology, Evolution and Adaptation	- Students will gain knowledge about the interrelationship of organisms with theirenvironment and themselves. - Students will learn about the various modifications adopted by the organisms to adaptthemselves to changing environment.
E-301	Animal Diversity-I (Non Chordates)	- Students will gain knowledge about differentcharacteristics of the non-chordates. - Students will be able to identify the non-chordates.
E-302 (P)	Animal Diversity-I (Non Chordates)	- Students will gain a detailed knowledge about the life cycle and different physiological activities ofthe non-chordates - Students will learn specifically about few non-chordate species.
E-401	Animal Diversity-II (Chordates)	- Students will gain knowledge about differentcharacteristics of the chordates. - Students will be able to identify the chordates
E-402 (P)	Animal Diversity-II(Chordates)	- Students will gain a detailed knowledge about the life cycle and different physiological activities ofthe chordates - Students will learn specifically about fewchordate species

E-501	Cell Biology, Genetics & Developmental Biology	➢ Understand cell theory and different types of cells ➢ Understand cell division and ultra-structure of different type of cell organelles and chromosomes ➢ Students will have basic ideas of chromosomal interactions like linkage and crossing over and varieties of gene expression
E-502 (P)	Cell Biology, Genetics & Developmental Biology	➢ Students will be able to identify the different types of cell ➢ Students will be able to understand the working and nature of the genetic material. ➢ Students will understand the gradual process of development of the individual.
E-601	Physiology, Biochemistry and Endocrinology	➢ The knowledge of physiology of digestion, respiration, excretion, circulation and nerve transmission ➢ Basic idea about the Structure, classification and biological significance of bio molecules and cellular respiration
E-602 (P)	Physiology, Biochemistry and Endocrinology	➢ Students will gain knowledge about the functioning of the bodily mechanism. ➢ Students will understand the effect of different hormones.
105	Human Resource Management (Mgt)	• Apply Human Resource Management Principles and techniques in dealing with human capital in organizations • Understand emerging challenges of HRM, methods of acquiring human resource, training them and measuring their performances. • Identify issues related to Voluntary Retirement Scheme (VRS), downsizing, fringe benefits, HRIS, HRA, social security, employee welfare and ethics in HRM.
105	Rural & Micro Finance (Fin.) Compulsory for Major)	• Make the students understand the basic concepts of micro-finance and its importance. • Develop understanding about the institutional structure of microfinance in India. • Develop understanding about the management of micro-finance institutions. • Impart knowledge about microfinance in Indian context.
Semester II		

201	Communicative &Functional English - I	• The purpose is to help the students understand the use of English in both everyday situation and business situation • Also to enable the students for writing all types of business correspondence includingenhancement of their vocabulary and linguistic skill as required for business purposes.
	Functional MIL – I(Assamese)	• The purpose here is to familiarise the students with the cultural, political, economical, educational, geographical backgrounds of the country so that they get better equipped in terms of their business perspective. Assistance in inculcating confidence among students through communicative skills remains a prime objective of this particular course.
	Functional MIL – I (Hindi)	• To enhance the reading and comprehensive faculty of the students through essays and otherwritings. • To help the students understand the basic ideas behind business communication throughwrittencorrespondences. • Also to enable the students for writingbusiness-related essays including enhancement of their vocabulary and linguistic skill as required for businesspurposes.
	Functional MIL – I (Bengali)	• To enhance the reading and comprehensivefaculty of the students through essays and other writings. • To help the students understand the basic ideasbehind business communication through written correspondences. • Also to enable the students for writingbusiness-related essays including enhancement of their vocabulary and linguistic skill as required for businesspurposes.
202	Financial Accounting – II	• Learn the role of GAAP and practicalapplication of AccountingStandards. • Acquire the knowledge on the accounting ofBranch business and Departmental business. • Learn the accounting treatment in case ofdissolution of a partnership firm.
203	Principles of Management	• Gain basic knowledge of concepts,principles, tools and techniques of management. • Understand planning ,decision making, organization, departmentation and delegation, along with concepts of directingand communication • Comprehend the recent developments in management.

204	Business Statistics	• To provide knowledge to students about the basic statistical tools that are used in business and commerce and thus provide them with an expertise in managerial decision making so as to effectively handle statistical data vis-a-vis the application of these tools.
205	Management Accounting(Accy)	• Gain conceptual knowledge of various tools and techniques of Management Accounting. • Development of managerial decision-making skills. • Learn the preparation of various budgets required in a business organisation. • Acquire knowledge of Standard Costing and Variance Analysis.
205	Human Resource Planning &Development (Mgt.)	• Understand the growing significance of human resource planning and the need for adopting developmental measures for HR. • Gain knowledge of recruitment, selection, placement, training and development of HR. • Acquire skills of HR planning, training and development, career management issues along with appraisal of performance and accounting for HR.
205	Micro Credit Institutions(Fin.)	• To impart knowledge about the organization structure of MCIs • To make the students understand about the role of MCIs in catering to the financial requirement of rural sectors. • To make the students understand the regulatory framework of MCIs.
Semester III		
301	Environmental Studies	• To provide the knowledge of environment education, its importance and various environmental related issues. • To make aware of students for various environmental effects and social responsibilities for protection and reservation of natural resources.
302	Communicative &Functional English-II	• The purpose is to help the students understand the use of English in both everyday situation and business situation • Also to enable the students for writing all types of business correspondence including enhancement of their vocabulary and linguistic skill as required for business purposes.

	Functional MIL – II(Assamese)	• Articles on the brilliant minds of India are available in this book and these articles render the students the knowledge about the political, economical, cultural, geographical and educational dimensions related to business. Besides, the course attempts to acquaint the students with the cultural heritage of the country, thereby expanding their skill of comparative analysis.
	Functional MIL – II (Hindi)	• To enhance the reading and comprehensive faculty of the students through essays and otherwritings. • To help the students understand the basic ideas behind business communication throughwrittencorrespondences. • Also to enable the students for writingbusiness-related essays including enhancement of their vocabulary and linguistic skill as required for businesspurposes
	Functional MIL – II (Bengali)	• To enhance the reading and comprehensivefaculty of the students through essays and other writings. • To help the students understand the basic ideasbehind business communication through written correspondences. • Also to enable the students for writingbusiness-related essays including enhancement of their vocabulary and linguistic skill as required for businesspurposes.
303	Corporate Accounting	• Learn preparation of final accounts of a jointstock company. • Acquire the knowledge of RightsIssue and Bonus Share and their accountingtreatment. • Learn the relevant provisions of Companies Act on amalgamation of companies and the accounting treatment thereof.
304 Direct Taxes		• Knowledge of basic concepts of IncomeTaxAct 1961. • Learn computation of income underdifferentheads as per Income Tax Act 1961. • Knowledge of assessment procedure andfilingof income tax returns.
305 Corporate Law		• Impart basic knowledge of the provisions ofthe Companies Act 2013.

		• Impart basic knowledge of the provisions of the Depositories Act, 1996. • Impart knowledge on practical aspects through case studies involving issues incorporate laws.
306	Advanced Corporate Accounting (Accy)	• Learn valuation of shares of a company. • Acquire the knowledge of Internal Reconstruction of a company. • Learn the preparation of Liquidators' Final Statement of Account. • Knowledge of accounting of Holding company and Subsidiary company.
306	Industrial Relations &Labour Laws (Mgt)	• Acquaint concepts of employer-employee relations, discipline, collective bargaining, workers participation in management, arbitration, adjudication and negotiations to manage industrial disputes and conflicts. • Identify different labour laws related to trade unions, industrial disputes, provisions relating to health, safety, welfare measure and working hours in factories • Analyse the quality of relationships between workers , management and government for improving and maintaining harmony at work
306	Financial Institutions &Markets (Fin)	• To make the students understand the basic knowledge of Financial Institutions and Markets and its components and their functions.
Semester IV		
401	Business Economics	• To have an understanding of the principles and theories of Economics. • To comprehend the application of economic theories to various problems of business decision making. • To understand and analyse the policies for improvement of decision making and forward planning

402	Auditing & Assurance	• Acquire knowledge of auditing principles, procedures and techniques in accordance with current legal requirements and standards • Acquire the knowledge of conducting audit of limited companies. • Learn about Cost Audit, Tax Audit and Management Audit • Learn about Audit Sampling and preparation of Audit Report.
403 Indirect Taxes		• Knowledge of history of indirect taxation and various indirect tax laws in India. • Learn the system of VAT and computation of tax under VAT system. • Knowledge of taxable items and exempted items under various indirect tax laws in India
404	Financial Services	• To impart the basic knowledge of financial services and its components.
405	Advanced Financial Accounting (Accy)	• Learn the preparation of financial statements of banking companies and insurance companies. • Knowledge of various factors to be considered while calculating the amount of insurance claims. • Acquaint the students with the concept and principles of Government Accounting.
405	Cost & Management Accounting (Mgt)	• Understand the tools and techniques of cost accounting and management accounting. • Learn accounting practices needed for better managerial supervision and strategic decision making. • Analyze and interpret financial information through different costing methods and control techniques are introduced to the students.
405	International Banking (Fin)	• Familiarize the students with the concepts, importance and dynamics of international banking. • Provide knowledge of global Banking principles, procedures and techniques in accordance with current legal requirements and professional standards.
Semester V		

501	Business Environment	• To provide a clear picture about the macroeconomic scenario of the Indian economy. • To understand opportunities of potential market and threats to the business in India as well as in global economy. • To analyse the role of the govt. in business policy making. • To inculcate spirit of entrepreneurship
502	Marketing Management	• Gain basic knowledge of concepts, principles, tools and techniques of marketing. • Understand the differences in the concepts of selling and marketing. • Learn and apply the marketing mix components, consumer behaviour, market segmentation, consumerism concepts in the context of recent developments in marketing.
503	Financial Management	• Familiarize the students with the principles and practices of financial management.
504	Regulatory Framework of Business – I	• Impart basic knowledge of the important business legislation along with relevant caselaw.
505	Financial Statement Analysis (Accy)	• Knowledge of statutory requirements for preparation of financial statements. • Learn the techniques of financial statement analysis. • Learn to prepare Fund Flow Statement. • Preparation of Cash Flow Statement and acquire the knowledge of Accounting Standard3
505	Customer Relations & Retail Trade Management (Mgt)	• Comprehend customer relationship management and retailing as the two core areas of modern marketing phenomenon. • Learn the dynamic aspects of Customer Relations Management and Retail Trade Management. • Focus on the ample job and business opportunities that lie in this ever changing lifestyle patterns and growing retail sector.
505	International Trade (Fin)	• To make the students understand the concepts, importance and dynamics of international trade. • Highlight India's involvement with global trade.
Semester VI		

601	Information Technology inBusiness	• To enable the students with the knowledge of ICT and Computer Fundamentals required for business application. • To provide the skills of computer application for preparing Business information.
602	Marketing of Service	• Learn the strategic dimensions of marketingservices • Comprehend the basic concepts of services marketing in addition to highlighting the different relevant services • Explain the service system working behind different important services.
603	Modern Banking Practices	• Provide knowledge of Banking principles, procedures and techniques in accordance withcurrent legal requirements and professional standards.
604	Regulatory Framework of Business – II	• Impart basic knowledge of the important business legislation along with relevant caselaw.
605	Project Report	• Learn research methodology. • Demonstrate innovative thinking/ideas forfuture application. • Orient the students for research work. • Practical experience of field survey.

DEPARTMENT OF ASSAMESE

প্ৰথম বৰ্ষ ঃ প্ৰথম ষাণ্মাসিক

M-104 ঃ প্ৰথম কাকত ঃ অসমীয়া সাহিত্যৰ বুৰঞ্জী আৰু লিপি   মূল্যাংক ঃ ৮০

প্ৰথম গোট	ঃ	লোক সাহিত্য	—	২০
দ্বিতীয় গোট	ঃ	প্ৰাক্ শংকৰী যুগৰ সাহিত্য	—	২০
তৃতীয় গোট	ঃ	শংকৰী যুগৰ সাহিত্য	—	২০
চতুৰ্থ গোট	ঃ	অসমীয়া লিপি ঃ উদ্ভৱ আৰু ক্ৰমবিকাশ	—	২০

প্ৰসংগ পুথি

ডিম্বেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যৰ বুৰঞ্জী
সত্যেন্দ্ৰ নাথ শৰ্মা	ঃ	অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত
মহেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যৰ ৰূপৰেখা
হেমন্ত কুমাৰ শৰ্মা	ঃ	অসমীয়া সাহিত্যত দৃষ্টিপাত
হোমেন বৰগোহাঞি (সম্পাদিত)	ঃ	অসমীয়া সাহিত্যৰ বুৰঞ্জী (ষষ্ঠ খণ্ড)
শিৱনাথ বৰ্মন (সম্পাদিত)	ঃ	অসমীয়া সাহিত্যৰ বুৰঞ্জী (দ্বিতীয় খণ্ড)
প্ৰফুল্ল দত্তগোস্বামী	ঃ	অসমৰ জন সাহিত্য

সূর্য কুমাৰ ভূঞা	:	Studies in the Literature of Assam
বাণীকান্ত কাকতি (সম্পাদিত)	:	Aspects of Early Assamese Literature
বীৰেন্দ্ৰ নাথ দত্ত	:	গোৱালপৰীয়া লোকগীত সংগ্ৰহ
প্ৰহ্লাদ কুমাৰ বৰুৱা (সম্পাদিত)	:	অসমীয়া লোক সাহিত্য
ধীৰেণ দাস	:	গোৱালপৰীয়া লোক-সংস্কৃতি আৰু লোকগীত
ভূৱনেশ্বৰী বৈশ্য	:	বৈষ্ণৱ যুগৰ অসমীয়া সাহিত্য
শশী শৰ্মা	:	অসমৰ লোক সাহিত
সর্বেশ্বৰ শৰ্মা কটকী	:	প্ৰাচীন অসমীয়া লিপি
T.P. Burma	:	Development of Script in Ancient Kamrup
হৰিনাথ শৰ্মা দলৈ	:	অসমীয়া সাহিত্যৰ পূৰ্ণ ইতিহাস
M.M. Sarma (Ed.)	:	Inscriptions of Ancient Assam
পদ্মনাথ বিদ্যা বিনোদ ভট্টাচার্য	:	কামৰূপ শাসনাৱলী
মহেশ্বৰ নেওগ (সম্পাদিত)	:	প্ৰাচ্য শাসনাৱলী
Mahendra Bora	:	Evolution of Assamese Scripts
উপেন্দ্ৰ নাথ গোস্বামী	:	অসমীয়া লিপি
নাৰায়ণ দাস	:	বিশ্বলিপিৰ ভূমিকা
তিলক চন্দ্ৰ মজুমদাৰ	:	প্ৰাচীন অসমীয়া লিপিৰ প্ৰাঞ্জল ধাৰা
লীলাৱতী শইকীয়া বৰা (সম্পাদিত)	:	শ্ৰীকৃষ্ণ কীৰ্তন
নবীন চন্দ্ৰ শৰ্মা	:	অসমীয়া পাঞ্চালী-গীত
পৰমানন্দ ৰাজবংশী	:	ৰাজ পৃষ্ঠপোষকতাত অসমীয়া সাহিত্য
কনক চন্দ্ৰ চহৰীয়া	:	দৰঙী লোক সাহিত্যৰ ৰূপৰেখা

প্ৰথম বৰ্ষ : প্ৰথম ষাণ্মাসিক

M-105 : দ্বিতীয় কাকত : প্ৰাচীন অসমীয়া কবিতা   মূল্যাংক : ৮০

পাঠ্যপুথি : কবিতামঞ্জৰী, গুৱাহাটী বিশ্ববিদ্যালয় (চৰ্যাপদৰ বাবে প্ৰসংগ পুথি দিয়া হৈছে।)

প্ৰথম গোট	:	প্ৰাচীন অসমীয়া (প্ৰপদী) কবিতাৰ উদ্ভৱ, বিকাশ আৰু বৈশিষ্ট্য	—	২০
দ্বিতীয় গোট	:	চৰ্যাপদ (চৰ্যা নং - ১) (লুইপাদানাম্ : কায়া তৰুৱৰ)	—	২০
		মাধৱ কন্দলি : চিত্ৰকূটৰ চিত্ৰ		
তৃতীয় গোট	:	শংকৰদেৱ : নন্দোৎসৱ	—	২০
		শ্ৰীধৰ কন্দলি : কাণখোৱা		
চতুৰ্থ গোট	:	দুৰ্গাৰিব : মায়া অযোধ্যাৰ সৃষ্টি আৰু চৈত্ৰাৱলী চতুৰ্দশীৰ মোট খেলা	—	২০
		পীতাম্বৰ : চিত্ৰলেখাৰ পট নিৰ্মাণ		

প্ৰসংগ পুথি

বীণাকান্ত কাকতি	:	পুৰণি অসমীয়া সাহিত্য
সত্যেন্দ্ৰ নাথ শৰ্মা	:	অসমীয়া কাহিনী-কাব্যৰ প্ৰবাহ
	:	অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত
পৰীক্ষিত হাজৰিকা (সম্পাদিত)	:	চৰ্যাপদ
নবীন চন্দ্ৰ শৰ্মা	:	অসমীয়া পাঞ্চালী গীত
	:	অসমীয়া সাহিত্যৰ আলোক ৰেখা
মহেশ্বৰ নেওগ (সম্পাদিত)	:	সঞ্চয়ন (পাতনি)
মঞ্জু গোস্বামী	:	চিন্তা-প্ৰবাহ

প্রথম বর্ষ ঃ দ্বিতীয় ষাম্মাসিক

M-204 ঃ প্রথম কাকত ঃ অসমীয়া সাহিত্যব বুৰঞ্জী — মূল্যাংক ঃ ৮০
(উত্তৰ শংকৰী যুগৰ পৰা আৱাহন যুগলৈ)

প্রথম গোট	ঃ	উত্তৰ শংকৰী যুগৰ সাহিত্য	—	২০
দ্বিতীয় গোট	ঃ	অৰুণোদয় (মিচনেৰী) যুগৰ সাহিত্য	—	২০
তৃতীয় গোট	ঃ	জোনাকী যুগৰ সাহিত্য	—	২০
চতুর্থ গোট	ঃ	আৱাহন যুগৰ সাহিত্য	—	২০

প্রসঙ্গ পুথি

ডিম্বেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যব বুৰঞ্জী
সত্যেন্দ্র নাথ শর্মা	ঃ	অসমীয়া সাহিত্যব সমীক্ষাত্মক ইতিবৃত্ত
মহেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যব ৰূপৰেখা
হেমন্ত কুমাৰ শর্মা	ঃ	অসমীয়া সাহিত্যত দৃষ্টিপাত
শিৱনাথ বৰ্মন (সম্পাদিত)	ঃ	অসমীয়া সাহিত্যব বুৰঞ্জী (দ্বিতীয় খণ্ড)

প্রথম বর্ষ ঃ দ্বিতীয় ষাম্মাসিক

M-205 ঃ দ্বিতীয় কাকত ঃ আধুনিক অসমীয়া কবিতা — মূল্যাংক ঃ ৮০
পাঠ্যপুথি ঃ কবিতা মঞ্জৰী (গুৱাহাটী বিশ্ববিদ্যালয়)

প্রথম গোট	ঃ		—	২০
	হিতেশ্বৰ বৰবৰুৱা	ঃ	কবি	
	ৰঘুনাথ চৌধাৰী	ঃ	কেতেকী (প্রথম তবংগ)	
	যতীন্দ্র নাথ দুৱৰা	ঃ	সোণোৱালী দেশ	
দ্বিতীয় গোট	ঃ		—	২০
	অম্বিকাগিৰী ৰায়চৌধুৰী	ঃ	বিশ্বদোলন	
	নলিনীবালা দেৱী	ঃ	পৰম তৃষ্ণা	
	বন্দুকান্ত বৰকাকতি	ঃ	বিশ্বহৰণ	
তৃতীয় গোট	ঃ		—	২০
	দেৱকান্ত বৰুৱা	ঃ	আমি দুৱাৰ মুকলি কৰো	
	হেম বৰুৱা	ঃ	মমতাৰ চিঠি	
	নৱকান্ত বৰুৱা	ঃ	পলস	
চতুর্থ গোট	ঃ		—	২০
	নির্মলপ্রভা বৰদলৈ	ঃ	দ্রৌপদী	
	নীলমণি ফুকন	ঃ	মুঠি মুঠিকৈ কাটি তোৰ টেঙীয়াৰ আঙুলি	
	বাম গগৈ	ঃ	নদী	

প্ৰসঙ্গ পুথি

ভবানন্দ দত্ত	:	অসমীয়া কবিতাৰ কাহিনী
উপেন্দ্ৰ নাথ গোস্বামী	:	ভাষা আৰু সাহিত্য
নিৰ্মলপ্ৰভা বৰদলৈ	:	কবিতাৰ কথা
কমলেশ্বৰ শৰ্মা	:	কবি চৌধাৰী আৰু চৌধাৰী দেৱৰ কবিতা
পবীক্ষিত হাজৰিকা	:	সাহিত্যৰ জেউতি
লীলা গগৈ (সম্পাদিত)	:	আধুনিক অসমীয়া সাহিত্যৰ পৰিচয়
পূৰ্ণানন্দ শইকীয়া	:	আধুনিক অসমীয়া কাব্য আৰু ছনেট
পূৰ্ণ ভট্টাচাৰ্য	:	কবিতা আৰু আধুনিক কবিতা
নগেন শইকীয়া	:	অসমীয়া কবিতা আৰু অন্যান্য বিষয়
প্ৰহ্লাদ কুমাৰ বৰৱা	:	আধুনিক অসমীয়া কবিতাৰ গতি-বৈচিত্ৰ্য
কৰবী ডেকা হাজৰিকা	:	অসমীয়া কবিতা
অৰ্চনা পূজাৰী (সম্পাদিত)	:	অসমীয়া কবিতাৰ বিচাৰ-বিশ্লেষণ
কামালুদ্দিন আহমেদ	:	আধুনিক অসমীয়া কবিতা
উপেন্দ্ৰ নাথ শৰ্মা	:	কবিতাৰ ভাষা আৰু অন্যান্য প্ৰবন্ধ
লোপা বৰৱা	:	আধুনিক অসমীয়া কবিতাৰ প্ৰতীক আৰু চিত্ৰকল্প
সুৰেশ কুমাৰ আৰ্য (সম্পাদিত)	:	সাহিত্য-সংস্কৃতি পৰিক্ৰমা।

দ্বিতীয় বৰ্ষ ঃ তৃতীয় ষাণ্মাসিক

M-304 ঃ প্ৰথম কাকত ঃ অসমীয়া ভাষা   মূল্যাংক ঃ ৮০

প্ৰথম গোট	:	ভাৰত-ইউৰোপীয় ভাষা পৰিয়ালৰ চমু পৰিচয়	— ২০
দ্বিতীয় গোট	:	প্ৰাচীন ভাৰতীয় আৰ্য ভাষাৰ পৰা পালি-প্ৰাকৃত-অপভ্ৰংশ আদি ভাষাৰ বিকাশৰ ধাৰণা আৰু প্ৰাকৃত-অপভ্ৰংশৰ লগত অসমীয়া ভাষাৰ সম্পৰ্ক	— ২০
তৃতীয় গোট	:	অসমীয়া ভাষাৰ জন্ম-কথা, অসম আৰু ওচৰ-চুবুৰীয়া ৰাজ্য প্ৰচলিত আৰ্য-ভিন ভাষাসমূহৰ চমু পৰিচয় আৰু অসমীয়া ভাষালৈ সিবোৰৰ বৰঙণি।	— ২০
চতুৰ্থ গোট	:	অসমীয়া ভাষাৰ উপভাষা আৰু অসমীয়া ভাষাৰ শব্দভাণ্ডাৰ	— ২০

প্ৰসঙ্গ পুথি

Banikanta Kakati	:	Assamese : Its Formation and Development
Dimbeswar Neog	:	The Origin and Growth of the Assamese Language
কালিৰাম মেধি	:	অসমীয়া ব্যাকৰণ আৰু ভাষাতত্ত্ব
দেৱানন্দ ভৰালী	:	অসমীয়া ভাষাৰ মৌলিক বিচাৰ আৰু সাহিত্যৰ চানেকি
বিৰিঞ্চি কুমাৰ বৰুৱা	:	অসমীয়া ভাষা আৰু সংস্কৃতি
নাথান ব্ৰাউন	:	Grammatical Notes on the Assamese Language
উপেন্দ্ৰ নাথ গোস্বামী	:	ভাষা-বিজ্ঞান
	:	A Study of Kamrupi – A Dialect of Assamese
	:	অসমীয়া ভাষাৰ ৰূপকথা
	:	অসমীয়া ভাষাৰ উপভাষা
	:	প্ৰত্ন অসমীয়া ভাষাৰ ৰূপতাত্ত্বিক বিশ্লেষণ
	:	অসমীয়া ভাষাৰ উদ্ভৱ, সমৃদ্ধি আৰু বিকাশ
গোলোক চন্দ্ৰ গোস্বামী	:	Structure of Assamese
	:	অসমীয়া ভাষাৰ মৌলিক বিচাৰ
বিশ্বেশ্বৰ হাজৰিকা	:	Assamese Language : Origin and Development
নগেন ঠাকুৰ	:	পৃথিৱীৰ বিভিন্ন ভাষা
ৰমেশ পাঠক	:	অসমীয়া ভাষাৰ ইতিহাস
	:	অসমীয়া ভাষাৰ বিভিন্ন দিশ, মত আৰু বিতৰ্কিত মত
	:	Studies in Assamese Vocabulary.
উপেন ৰাভা হাকাচাম	:	অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষা
লীলাৱতী শইকীয়া বৰা	:	অসমীয়া ভাষাৰ ৰূপতত্ত্ব
উপেন ৰাভা হাকাচাম	:	অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষা
লীলাৱতী শইকীয়া বৰা	:	অসমীয়া ভাষাৰ ৰূপতত্ত্ব
দীপ্তিফুকন পাটগিৰি (সম্পাদিত)	:	অসমীয়া ভাষাৰ উপভাষা
দীপ্তিফুকন পাটগিৰি	:	মধ্যযুগৰ অসমীয়া ভাষাৰ ব্যাকৰণ
ভীমকান্ত বৰুৱা	:	অসমীয়া ভাষা
লীলাৱতী শইকীয়া বৰা আৰু দীপ্তিফুকন পাটগিৰি (সম্পাদিত)	:	ভাষা-জিজ্ঞাসা
বিভা ভৰালী	:	কামৰূপী উপভাষা ঃ এটি অধ্যয়ন
সুবাসনা মহন্ত	:	উদ্ভৱকালীন অসমীয়া ভাষা

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M-305 ঃ ....   মূল্যাংক ঃ ৬০

শংকৰদেৱ ঃ

প্রথম গোট	ঃ	কীৰ্তন (অজামিল উপাখ্যান, প্ৰহ্লাদ চৰিত্ৰ, ৰাসক্ৰীড়া)	—	১৫
দ্বিতীয় গোট	ঃ	ৰুক্মিণী হৰণ কাব্য ...	—	১৫
তৃতীয় গোট	ঃ	বৰগীত (মধুৱ মুকতি মুৱাৰ্ক, সুন সুন ৰে সুৱ, গোপালে কি গতি কৈলে, নাৰায়ণ কাহে ভকতি, সাৰংগ পাণি পাহে) ...	—	১৫
চতুৰ্থ গোট	ঃ	পাৰিজাত হৰণ নাট ...	—	১৫

লক্ষ্মীনাথ বেজবৰুৱা ঃ

প্রথম গোট	ঃ	সাধুকথাৰ কুকি (আমাৰৈ নাপাহৰিবা, স্বৰ্গাৰোহণ, চোৰ, জয়ন্তী, কন্যা)	—	১৫
দ্বিতীয় গোট	ঃ	সুৰভি (ৰাপিৰাম, লাওখোলা, ভূৰুক্কী বৌ, গীতা, মৈধে মালতী)	—	১৫
তৃতীয় গোট	ঃ	কৃপাবৰ বৰুৱাৰ ওভতনি (উদ্বোধন, অৱতাৰ, ভাৰত উদ্ধাৰ, ৰন্দে মাতৰম, বসন্ত)	—	১৫
চতুৰ্থ গোট	ঃ	কবিতা (বীণ আৰু বৰাগী, ধনৱৰ আৰু ৰতনী, মালতী, প্ৰম আৰু প্ৰিয়তমাৰ সৌন্দৰ্য)	—	১৫

প্ৰসঙ্গ পুথি

বাণীকান্ত কাকতি	ঃ	পুৰণি অসমীয়া সাহিত্য
মহেশ্বৰ নেওগ	ঃ	শ্ৰীশ্ৰীশংকৰদেৱ
হৰিনাথ শৰ্মা দলৈ	ঃ	শংকৰদেৱৰ সাহিত্য প্ৰতিভা
ভৱপ্ৰসাদ চলিহা (সম্পাদিত)	ঃ	শংকৰী সংস্কৃতিৰ অধ্যয়ন
ৰাপচন্দ্ৰ মহন্ত	ঃ	বৰগীত
হৰিশ্চন্দ্ৰ ভট্টাচাৰ্য	ঃ	বেজবৰুৱাৰ সাহিত্য-প্ৰতিভা
উপেন্দ্ৰ চন্দ্ৰ লেখাৰু	ঃ	সাহিত্যৰথী লক্ষ্মীনাথ বেজবৰুৱা

মহেশ্বৰ নেওগ	:	Lakshminath Bezbaroa the Sahityarathi of Assam
প্ৰফুল্ল কটকী	:	সাহিত্যৰথী
কেশদা মহন্ত	:	কাব্যতত্ত্বৰ দৃষ্টিৰে শংকৰদেৱৰ কথা
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	:	শ্ৰীমন্ত শংকৰদেৱ: ধৰ্ম-দৰ্শন, ভাষা-সাহিত্য আৰু সংস্কৃতি
তিলক চন্দ্ৰ মজুমদাৰ	:	সাঁচিপতীয়া পুথিত লিখিত শ্ৰীশ্ৰীশংকৰদেৱৰ বিৰচিত বৰগীত
গিৰিকান্ত গোস্বামী	:	বৰগীত সমীক্ষা

দ্বিতীয় বৰ্ষ: চতুৰ্থ ষাম্মাসিক

M-401 : প্ৰথম কাকত : অসমীয়া ব্যাকৰণ   মূল্যাংক : ৭৫

প্ৰথম গোট	:	অসমীয়া ব্যাকৰণৰ ইতিহাস, ব্যাকৰণৰ শ্ৰেণীবিভাগ	—	২৫
দ্বিতীয় গোট	:	ব্যাকৰণৰ উপাদান — ধ্বনিতত্ত্ব (স্বৰ ধ্বনি, ব্যঞ্জন ধ্বনি)	—	২৫
		আৰু বাক্যতত্ত্ব		
তৃতীয় গোট	:	ব্যাকৰণ উপাদান — ৰূপতত্ত্ব	—	২৫
		(বচন, লিংগ, প্ৰত্যয়, কাৰক, ধাতু)		

প্ৰসঙ্গ পুথি

হেম চন্দ্ৰ বৰুৱা	:	অসমীয়া ব্যাকৰণ
সত্যনাথ বৰা	:	বহল ব্যাকৰণ
কালিৰাম মেধি	:	অসমীয়া ব্যাকৰণ আৰু ভাষাতত্ত্ব
উপেন্দ্ৰনাথ গোস্বামী	:	অসমীয়া ভাষাৰ ব্যাকৰণ
গোলোক চন্দ্ৰ গোস্বামী	:	অসমীয়া ব্যাকৰণৰ মৌলিক বিচাৰ
দীপ্তিফুকন পাটিগিৰি	:	মধ্যযুগৰ অসমীয়া ভাষাৰ ব্যাকৰণ
	:	মধ্যযুগৰ অসমীয়া ভাষাৰ ব্যাকৰণ
খগেন সেন ডেকা	:	ব্যাকৰণ : প্ৰাচ্য আৰু পাশ্চাত্য

দ্বিতীয় বৰ্ষ: চতুৰ্থ ষাম্মাসিক

M-402 : দ্বিতীয় কাকত : অসমীয়া জাতি আৰু সংস্কৃতিৰ পৰিচয়মূলক অধ্যয়ন   মূল্যাংক : ৭৫

প্ৰথম গোট	:	অসমীয়া জাতি গঠনত প্ৰজাতীয় উপাদান	—	২৫
দ্বিতীয় গোট	:	সংস্কৃতিৰ সংজ্ঞা, অসমৰ লোক-সংস্কৃতি —	—	২৫
		ইয়াৰ উপাদান, লোকাচাৰ, জনবিশ্বাস, উৎসৱ পাৰ্বণ		
তৃতীয় গোট	:	অসমত শাক্ত, শৈৱ আৰু বৈষ্ণৱ ধৰ্মৰ পৰম্পৰা	—	২৫

প্রসঙ্গ পুথি

Audrey Cahtiey	:	The Assamese
প্রফুল্ল দত্ত গোস্বামী	:	Bihu: Spring Time Festival of Assam
বিবিধি কুমাৰ বৰৱা	:	অসমৰ লোক-সংস্কৃতি
	:	অসমীয়া ভাষা আৰু সংস্কৃতি
মহেশ্বৰ নেওগ, হৰিপ্রসাদ নেওগ		
আৰু লীলা গগৈ (সম্পাদিত)	:	অসমীয়া সংস্কৃতি
অতুল চন্দ্র হাজৰিকা	:	উছৱৰ ভোগজৰা
	:	উছৱৰ ৰচেৰা
বিষ্ণুপ্রসাদ ৰাভা	:	অসমীয়া কৃষ্টি
প্রমোদ চন্দ্র ভট্টাচার্য	:	অসমৰ লোক-উৎসৱ
	:	অসমৰ জনজাতি (সম্পাদিত)
যোগেশ দাস	:	অসমৰ জনকৃষ্টি
নির্মলপ্রভা বৰদলৈ	:	অসমৰ লোক-সংস্কৃতি
ভবেন নার্জী	:	বড়ো কছাৰীৰ সমাজ আৰু সংস্কৃতি
ৰাজেন ৰাভা	:	ৰাভা জনজাতি
ৰংবং তেৰাং	:	কার্বি সাহিত্য-সংস্কৃতিত এভুমুকি
বিমল মজুমদাৰ	:	জনজাতি আৰু গাৰো জনজাতি
নবীন চন্দ্র শর্মা	:	অসমীয়া লোক-সংস্কৃতিৰ আভাস
	:	জনকৃষ্টিৰ ৰূপৰেখা (সম্পাদিত)
	:	লোক-সংস্কৃতি
নাৰায়ণ দাস আৰু		
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	:	অসমীয়া সংস্কৃতি কোষ
অসম সাহিত্য সভা	:	অসমীয়া জাতিৰ ইতিবৃত্ত
আব্দুছ ছত্তাৰ	:	সংমিশ্রণত অসমীয়া সংস্কৃতি
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	:	অসমীয়া জাতি আৰু সংস্কৃতি
পুতলী কায়স্থ (সম্পাদিত)	:	অসমৰ বিভিন্ন জনগোষ্ঠীৰ বিবাহ পদ্ধতি
উপেন ৰাভা হাকাচাম	:	বৰ অসমৰ বর্ণিল সংস্কৃতি
	:	অসমৰ জনজাতীয় সংস্কৃতি
অঞ্জলি মহন্ত ৰায়চৌধুৰী আৰু		
বসন্ত দলে (সম্পাদিত)	:	অসমৰ জনগোষ্ঠী ঃ এটি পৰিচয়
দ্বিজেন্দ্র নাথ ভকত	:	অসমৰ কোচ ৰাজবংশী জনজাতি

দ্বিতীয় বর্ষ ঃ চতুর্থ ষাম্মাসিক

M-403 ঃ ক্ষেত্র অধ্যয়ন   মূল্যাংক ঃ ৫০

এই কাকতখনৰ বাবে ছাত্র-ছাত্রীয়ে বিভাগীয় শিক্ষকৰ তত্ত্বাবধানত কোনো বিশেষ স্থান, জনগোষ্ঠী, উৎসৱ-পার্ৱণ, লোকাচাৰ, লোক-পৰিৱেশ্য কলা, লোক-সাহিত্য, লোক ভাষা আদি যিকোনো এটা বিষয়ত ক্ষুদ্র গৱেষণা পত্র প্রস্তুত কৰিব লাগিব। গৱেষণা পত্রৰ কলেৱৰ ৪০০০-৫০০০ শব্দৰ ভিতৰত হ'ব লাগিব।

দ্বিতীয় বর্ষ ঃ চতুর্থ যাম্মাসিক
M-403 ঃ ক্ষেত্র অধ্যয়ন
মূল্যাংক ঃ ৫০

এই কাকতখনৰ বাবে ছাত্র-ছাত্রীয়ে বিভাগীয় শিক্ষকৰ তত্ত্বাবধানত কোনো বিশেষ স্থান, জনগোষ্ঠী, উৎসৱ-পার্বণ, লোকাচাৰ, লোক-পৰিৱেশ্য কলা, লোক-সাহিত্য, লোক ভাষা আদি যিকোনো এটা বিষয়ত ক্ষুদ্ৰ গৱেষণা পত্ৰ প্ৰস্তুত কৰিব লাগিব। গৱেষণা পত্ৰৰ কলেৱৰ ৪০০০-৫০০০ শব্দৰ ভিতৰত হ'ব লাগিব।

তৃতীয় বর্ষ ঃ পঞ্চম যাম্মাসিক
M-501 ঃ প্রথম কাকত ঃ পূৰণি অসমীয়া নাটক
মূল্যাংক ঃ ৬০

প্ৰথম গোট	ঃ	শংকৰদেৱ ঃ কল্মিণী হৰণ নাট	—	১৫
দ্বিতীয় গোট	ঃ	মাধৱদেৱ ঃ অৰ্জুন ভঞ্জন নাট	—	১৫
তৃতীয় গোট	ঃ	শ্ৰীৰাম আতা ঃ সুভদ্ৰা হৰণ নাট	—	১৫
চতুৰ্থ গোট	ঃ	গোপালদেৱ ঃ জন্মযাত্ৰা	—	১৫

প্ৰসংগ পুথি

কালিৰাম মেধি	ঃ	অংকাৱলী
বিৰিঞ্চি কুমাৰ বৰুৱা	ঃ	অংকীয়া নাট
সত্যেন্দ্ৰ নাথ শৰ্মা	ঃ	অসমীয়া নাট্য সাহিত্য
	ঃ	অংকমালা
	ঃ	পৰম্পৰাগত প্ৰাচ্য নাট্যাভিনয়
হৰিশ্চন্দ্ৰ ভট্টাচাৰ্য	ঃ	অসমীয়া নাট্য সাহিত্যৰ জিলিঙনি
শৈলেন ভৰালী	ঃ	অসমীয়া লোকনাট্য পৰম্পৰা
ৰাম গোস্বামী	ঃ	অসমৰ লোক নাট্য
হৰিনাথ শৰ্মা দলৈ	ঃ	শংকৰদেৱৰ সাহিত্য প্ৰতিভা
ভৱপ্ৰসাদ চলিহা (সম্পাদিত)	ঃ	মাধৱদেৱৰ সাহিত্য
মঞ্জী গোস্বামী	ঃ	চিন্তা-প্ৰৱাহ
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	ঃ	অসমীয়া নাটক ঃ পৰম্পৰা আৰু পৰিৱৰ্তন
নাৰায়ণ দাস	ঃ	শংকৰী সাহিত্যৰ ভূমিকা
লীলাৱতী শইকীয়া বৰা (সম্পাদিত)	ঃ	প্ৰৱন্ধাৱলী

তৃতীয় বর্ষ ঃ পঞ্চম যাম্মাসিক
M-502 ঃ দ্বিতীয় কাকত ঃ পূৰণি অসমীয়া কথা-সাহিত্য
মূল্যাংক ঃ ৬০
পাঠ্যপুথি ঃ স্নাতকৰ কথাৱস্তু (গুৱাহাটী বিশ্ববিদ্যালয়)

প্ৰথম গোট	ঃ	কথাগীতা (১ম আৰু ২য় অধ্যায়)	—	১৫
দ্বিতীয় গোট	ঃ	শংকৰদেৱ ঃ শ্ৰীকৃষ্ণৰ পূৰ্বৰাগ	—	১৫
		গোপালচৰণ দ্বিজ ঃ গুৰু-সেৱা-মাহাত্ম্য		
তৃতীয় গোট	ঃ	ৰঘুনাথ মহন্ত ঃ ৰামৰ বন-গমন	—	১৫
		বত্ৰাকৰ কন্দলি আৰু		
		অৰ্জুন দাস বৈৰাগী ঃ ত্ৰিপুৰাত মদনপূজাৰ আড়ম্বৰ		
চতুৰ্থ গোট	ঃ	শ্ৰীনাথ দুৱৰা বৰবৰুৱা ঃ স্বৰ্গদেৱ ৰত্ন সিংহ	—	১৫
		নাথান ব্ৰাউন ঃ শ্ৰীযুত ব্ৰাউন চাহৱৰ পত্ৰ		

প্রসংগ পুথি

বিবিঞ্চি কুমাৰ বৰুৱা	ঃ	অসমীয়া কথা সাহিত্য (পূৰণি ভাগ)
শ্ৰীশ্ৰীভট্টদেৱ কৃষ্টি বিকাশ সমিতি,		
গুৱাহাটী	ঃ	শ্ৰীশ্ৰীভট্টদেৱ
নাৰায়ণ দাস	ঃ	ভট্টাদেৱৰ জীৱন আৰু সাহিত্য
প্রফুল্ল কটকী	ঃ	ক্রমবিকাশত অসমীয়া কথাশৈলী
পৱীক্ষিত হাজৰিকা	ঃ	আলোচনা সাহিত্য
হৰিনাথ শৰ্মা দলৈ	ঃ	অসমীয়া গদ্য সাহিত্যৰ গতিপথ

তৃতীয় বর্ষ ঃ পঞ্চম ষাম্মাসিক

M-503 ঃ তৃতীয় কাকত ঃ ব্রজবুলি সাহিত্যৰ অধ্যয়ন   মূল্যাংক ঃ ৬০

পাঠ্যপুথি ঃ ব্রজবুলি গীতিগুচ্ছ (গুৱাহাটী বিশ্ববিদ্যালয়)

প্রথম গোট	ঃ	ব্রজাৱলী আৰু ব্রজবুলি ভাষাৰ উৎপত্তি, বিকাশ আৰু বৈশিষ্ট্য	—	১৫
দ্বিতীয় গোট	ঃ	শংকৰদেৱ ঃ মাথুৰ বিৰহ (১, ২, ৩, ৪) মাধৱদেৱ ঃ চিৰন্তন মাতৃ	—	১৫
তৃতীয় গোট	ঃ	বিদ্যাপতি ঃ ৰাধাৰ বিৰহ, মাথুৰ বিৰহ, বর্ষাত বিৰহ, বিৰহ’ ৰায় ৰামানন্দ ঃ মাথুৰ বিৰহ	—	১৫
চতুর্থ গোট	ঃ	জ্ঞান দাস ঃ কলহান্তৰিতা নায়িকা, প্রোষিতভর্ত্রী নায়িকা গোবিন্দ দাস ঃ অভিসাৰিকা নায়িকা, মনান্তৰ মিলন, বর্ষাভিসাৰ	—	১৫

প্রসংগ পুথি

সুকুমাৰ সেন	ঃ	History of Brajabuli Literature
	ঃ	Chandidas (Sahitya Akademi)
	ঃ	বৈষ্ণৱীয় নিবন্ধ
দেৱীদাস ভট্টাচার্য	ঃ	বৈষ্ণৱ পদাৱলী সাহিত্যৰ পশ্চাৎপট ও উৎস
শংকৰী প্রসাদ বসু	ঃ	চণ্ডীদাস ও বিদ্যাপতি
চাৰচন্দ্র বন্দোপাধ্যায় (সংকলিত)	ঃ	বিদ্যাপতি, চণ্ডীদাস অন্যান্য বৈষ্ণৱ মহাজন গীতিকাৰ
পৱাগ কুমাৰ ভট্টাচার্য	ঃ	প্রেমধর্ম আৰু বৈষ্ণৱ কাব্য
নাৰায়ণ দাস	ঃ	ব্রজবুলি ভাষা আৰু সাহিত্য (দ্বিতীয় মুদ্রণ)
ভূপেন্দ্র ৰায়চৌধুৰী	ঃ	ব্রজবুলি সাহিত্য মুকুৰ

M-504 ঃ চতুৰ্থ কাকত ঃ পালি-প্ৰাকৃত সাহিত্য আৰু ব্যাকৰণ   মূল্যাংক ঃ ৬০

প্ৰথম গোট	ঃ	পালি-প্ৰাকৃত সাহিত্যৰ উদ্ভৱ আৰু বিকাশ	—	১৫
দ্বিতীয় গোট	ঃ	'ধৰ্ম্মপদ'ৰ অপ্পমাদ (প্ৰথম আঠটা শ্লোক) কৰ্পূৰ মঞ্জৰীৰ প্ৰথম অংকৰ প্ৰথম দহটা শ্লোক	—	১৫
তৃতীয় গোট	ঃ	শকুন্তলা নাটকৰ ষষ্ঠ অংকৰ ধীৰৰ আৰু বক্ফীসকলৰ কথোপথন; সন্দেশবাসক প্ৰথম প্ৰকৰণ (১—৮)	—	১৫
চতুৰ্থ গোট	ঃ	দ্বিতীয় আৰু তৃতীয় গোটৰ অন্তৰ্গত পাঠৰ আধাৰত পালি-প্ৰাকৃত অপভ্ৰংশ-অৱহঠ ভাষাৰ ভাষাতাত্ত্বিক অধ্যয়ন	—	১৫

প্ৰসংগ পুথি

A.C. Woolner	ঃ	Introduction to Prakrit
বিধুশেখৰ ভট্টাচাৰ্য	ঃ	পালি প্ৰকাশ
নগেন ঠাকুৰ	ঃ	পালি-প্ৰাকৃত-অপভ্ৰংশ ভাষা আৰু সাহিত্য
	ঃ	প্ৰাকৃত সাহিত্যৰ অধ্যয়ন
ভূৱনেশ্বৰী বৈশ্য	ঃ	প্ৰাকৃত ভাষা-সাহিত্য পৰিচয়
সত্যেন্দ্ৰনাৰায়ণ গোস্বামী	ঃ	প্ৰাকৃত সাহিত্য
	ঃ	ধৰ্ম্মপদ
ভীমকান্ত বৰুৱা আৰু		
কেশৱানন্দ দেৱগোস্বামী	ঃ	প্ৰাকৃত-পাঠ
কেশৱানন্দ গোস্বামী (সম্পাদিত)	ঃ	সন্দেশবাসক
লীলাৱতী শইকীয়া বৰা	ঃ	সংস্কৃত-পালি-প্ৰাকৃত আৰু অসমীয়া ব্যাকৰণ

তৃতীয় বৰ্ষঃ পঞ্চম যাম্মাসিক

M-505 ঃ পঞ্চম কাকত ঃ সাহিত্য-সমালোচনা

মূল্যাংক ঃ ৬০

প্ৰথম গোট	ঃ	প্ৰাচ্য-সমালোচনা ঃ ৰসবাদ (ৰসৰ সূত্ৰ, বিভাজন আৰু প্ৰতিবিধ ৰসৰ সাধাৰণ পৰিচয়)	—	১৫
দ্বিতীয় গোট	ঃ	পাশ্চাত্য সমালোচনা ঃ ধ্ৰৱবাদ, বমন্যাসবাদ আৰু আধুনিকতাবাদৰ সাধাৰণ পৰিচয়	—	১৫
তৃতীয় গোট	ঃ	পাশ্চাত্য সমালোচনা ঃ কবিতা, নাটক	—	১৫
চতুৰ্থ গোট	ঃ	পাশ্চাত্য সমালোচনা ঃ উপন্যাস, চুটিগল্প	—	১৫

প্রসংগ পূথি ঃ

মনোৰঞ্জন শাস্ত্রী	ঃ	সাহিত্য দৰ্শন
ত্রৈলোক্যনাথ গোস্বামী	ঃ	সাহিত্য আলোচনা
	ঃ	নন্দনতত্ত্ব ঃ প্রাচ্য আৰু পাশ্চাত্য
ৰামমল ঠকুৰীয়া	ঃ	সাহিত্য বিচাৰ
মুকুন্দ মাধৱ শৰ্মা	ঃ	ধ্বনি আৰু ৰসতত্ত্ব
বীৰেণ বৰকটকী	ঃ	সাহিত্যৰ পটভূমি
হৰিনাথ শৰ্মা দলৈ	ঃ	সাহিত্য-প্রবেশ
উমাকান্ত শৰ্মা	ঃ	কাব্যভূমি
প্রফুল্ল কটকী	ঃ	সাহিত্য আৰু সংজ্ঞা
নবেন্দ্র নাথ শৰ্মা	ঃ	সংস্কৃত সমালোচনা শাস্ত্ৰৰ বিৱৰ্তন আৰু ধাৰা
মহেন্দ্র বৰা	ঃ	বমল্যাসবাদ
	ঃ	সাহিত্যৰ উপক্ৰমণিকা
মহেশ্বৰ নেওগ আৰু		
হেমন্ত কুমাৰ শৰ্মা (সম্পাদিত)	ঃ	সাহিত্য-সমীক্ষা
হীৰেণ গোহাঁই	ঃ	উপন্যাসৰ আধুনিক সমালোচনা
নগেন শইকীয়া	ঃ	সাহিত্যৰ বাদ-বৈচিত্ৰ্য
শৈলেন ভৰালী	ঃ	নাটক আৰু অসমীয়া নাটক
	ঃ	উপন্যাস ঃ বিচাৰ আৰু বিশ্লেষণ
উদয় দত্ত	ঃ	চুটিগল্প
প্রহ্লাদ কুমাৰ বৰৱা	ঃ	উপন্যাস
পৰাগ কুমাৰ ভট্টাচাৰ্য	ঃ	সাহিত্য, সংজ্ঞা আৰু আংগিক
দয়ানন্দ পাঠক	ঃ	ট্রেজেডি ঃ উদ্ভৱ আৰু বিৱৰ্তন

তৃতীয় বৰ্ষ ঃ পঞ্চম ষান্মাসিক

M-506 ঃ ষষ্ঠ কাকত ঃ ভাষাৰ স্বৰূপ মূল্যাংক ঃ ৬০

প্রথম গোট	ঃ	ভাষাৰ বৰ্গীকৰণ ঃ পৃথিৱীৰ ভাষা-পৰিয়ালৰ চমু পৰিচয়	—	১৫
দ্বিতীয় গোট	ঃ	ভাষা-জাতি-সমাজ আৰু সংস্কৃতিৰ পাৰস্পৰিক সম্পৰ্ক	—	১৫
তৃতীয় গোট	ঃ	ভাষাৰ বিভিন্ন ৰূপ ঃ সাধুভাষা, উপভাষা, মিশ্ৰভাষা, ৰাজ্যভাষা ঃ আন্তৰ্ৰাষ্ট্ৰীয় ভাষা	—	১৫
চতুৰ্থ গোট	ঃ	ভাষা পৰিবৰ্তনৰ দিশ ঃ সমীভৱন, বিষমীভৱন, অল্পপ্রাণীভৱন, মহাপ্রাণীভৱন, সঘোষীভৱন, মূৰ্ধন্যীভৱন, অনুনাসিকীভৱন, আগম (স্বৰ আৰু ব্যঞ্জন), অপিনিহিতি	—	১৫

প্রসংগ পুথি :

Edward Sapir	ঃ	Language
I.J.S. Taraporewala	ঃ	Elements of the Science of Language
H.A. Gleason	ঃ	An Introduction of Descriptive Linguistics
C.A. Hockett	ঃ	A course in Modern Linguistics
উপেন্দ্রনাথ গোস্বামী	ঃ	ভাষা-বিজ্ঞান
	ঃ	ভাষা সমাজ আৰু সাহিত্য
গোলোক চন্দ্র গোস্বামী	ঃ	ধ্বনি-বিজ্ঞানৰ ভূমিকা
ৰমেশ পাঠক	ঃ	ভাষা-বিজ্ঞানৰ ভূমিকা
ভগৱান মৰল	ঃ	ভাষার্থ বিজ্ঞান
দীপ্তিফুকন পাটগিৰি	ঃ	ভাষাতত্ত্ব
বসন্ত কুমাৰ ভট্টাচার্য	ঃ	ভাষা বিজ্ঞান-প্রৱেশ

তৃতীয় বর্ষ ঃ ষষ্ঠ ষাম্মাসিক

M-601 ঃ প্রথম কাকত ঃ আধুনিক অসমীয়া নাটক   মূল্যাংক ঃ ৬০

প্রথম গোট	ঃ	আধুনিক অসমীয়া নাটকৰ ধাৰা	—	১৫
দ্বিতীয় গোট	ঃ	জ্যোতিপ্রসাদ আগৰৱালা ঃ ৰূপালীম	—	১৫
তৃতীয় গোট	ঃ	প্রৱীণ ফুকন ঃ মণিৰাম দেৱান	—	১৫
চতুর্থ গোট	ঃ	উত্তম বৰৱা ঃ হেংদাং	—	১৫

প্রসংগ পুথি :

সত্যেন্দ্রনাথ শর্মা	ঃ	অসমীয়া নাট্য সাহিত্য
সত্যপ্রসাদ বৰৱা	ঃ	নাটক আৰু অভিনয় প্রসংগ
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	ঃ	অসমীয়া নাটক ঃ পৰম্পৰা আৰু পৰিবর্তন
শৈলেন ভৰালী	ঃ	অসমীয়া লোকনাট্য পৰম্পৰা
ৰাম গোস্বামী	ঃ	অসমীয়া লোকনাট্য
লীলাৱতী শইকীয়া বৰা (সম্পাদিত)	ঃ	প্রবন্ধাৱলী
কনক চন্দ্র চহৰীয়া	ঃ	অসমীয়া সাহিত্যৰ বিচাৰ
নমিতা ডেকা আৰু		
লীলাৱতী শইকীয়া বৰা (সম্পাদিত)	ঃ	জ্যোতি-অন্বেষণ
প্রফুল্ল কুমাৰ বৰৱা	ঃ	জ্যোতিপ্রসাদৰ নাটক

তৃতীয় বৰ্ষ ঃ ষষ্ঠ যান্মাসিক

M-602 ঃ দ্বিতীয় কাকত ঃ আধুনিক অসমীয়া কথা-সাহিত্য   মূল্যাংক ঃ ৬০

পাঠ্যপুথি ঃ স্নাতকৰ কথাবন্ধ (গুৱাহাটী বিশ্ববিদ্যালয়)

প্ৰথম গোট	ঃ	হেমচন্দ্ৰ বৰুৱা ঃ আত্ম-জীৱন চৰিত	—	১৫
		গুণাভিৰাম বৰুৱা ঃ সৌমাৰ-ভ্ৰমণ		
দ্বিতীয় গোট	ঃ	লম্বোদৰ বৰা ঃ আনন্দৰাম বৰুৱা ঃ পাতনি	—	১৫
		লক্ষ্মীনাথ বেজবৰুৱা ঃ শ্ৰীকৃষ্ণ তন্ত্ৰ		
তৃতীয় গোট	ঃ	হেমচন্দ্ৰ গোস্বামী ঃ শিক্ষাৰ ইতিহাস আৰু ছত্ৰ	—	১৫
		নীলমণি ফুকন ঃ সৌন্দৰ্যবোধ		
চতুৰ্থ গোট	ঃ	বাণীকান্ত কাকতি ঃ পণ্ডিতৰ ভূমাস্পৃহা	—	১৫
		তীৰ্থনাথ শৰ্মা ঃ ৰাম-নৱমী নাটক		

প্ৰসংগ পুথি ঃ

প্ৰফুল্ল কটকী	ঃ	ক্ৰমবিকাশত অসমীয়া কথাশৈলী
হৰিচন্দ্ৰ ভট্টাচাৰ্য	ঃ	বেজবৰুৱাৰ সাহিত্য প্ৰতিভা
মহেশ্বৰ নেওগ (সম্পাদিত)	ঃ	বাণীকান্ত চয়নিকা (পাতনি)

তৃতীয় বৰ্ষ ঃ ষষ্ঠ যান্মাসিক

M-603 ঃ তৃতীয় কাকত ঃ আধুনিক ভাৰতীয় সাহিত্য অধ্যয়ন   মূল্যাংক ঃ ৬০

প্ৰথম গোট	ঃ	আধুনিক ভাৰতীয় সাহিত্য ধাৰাৰ সাধাৰণ পৰিচয় (অসমীয়া, বাংলা, হিন্দী সাহিত্যৰ বিশেষ উল্লিখনসহ)	—	১৫
দ্বিতীয় গোট	ঃ	গল্প —	—	১৫
		ৰবীন্দ্ৰনাথ ঠাকুৰ ঃ পোষ্ট মাষ্টাৰ		
		মুন্সী প্ৰেমচান্দ ঃ কফন		
তৃতীয় গোট	ঃ	উপন্যাস —	—	১৫
		মাণিক বন্দোপাধ্যায় ঃ পদ্মা নদীৰ মাঝি		
চতুৰ্থ গোট	ঃ	উপন্যাস —	—	১৫
		ফণীশ্বৰ নাথ ৰেণু ঃ ময়লা আচল		

প্রসংগ পুথি :

K.M. George (Ed.)	:	Modern Indian Literature
(Sahitya Akademi, New Delhi)		
সুকুমাৰ সেন	:	বাংলা-সাহিত্যৰ ইতিহাস
মহেশ্বৰ নেওগ	:	অসমীয়া সাহিত্যৰ ৰূপৰেখা
সত্যেন্দ্ৰনাথ শৰ্মা	:	অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিহাস
শৈলেন ভৰালী	:	আধুনিক ভাৰতীয় সাহিত্য
ৰাম বিলাস শৰ্মা	:	প্ৰেমচান্দ ঔৰ উনকা যুগ
শিৱনাৰায়ণ শ্ৰীবাস্তৱ	:	হিন্দী উপন্যাস
শ্ৰীকুমাৰ বেনাৰ্জী	:	বাংলা উপন্যাসেৰ কালান্তৰ
প্ৰফুল্ল কটকী	:	
পৰাগ কুমাৰ ভট্টাচাৰ্য	:	ৰবীন্দ্ৰনাথ আৰু অসমীয়া চুটিগল্প
নীৰাজনা মহন্ত বেজবৰা	:	তুলনামূলক ভাৰতীয় সাহিত্য
পৰমানন্দ ৰাজবংশী আৰু		
পৰাগ কুমাৰ ভট্টাচাৰ্য (সম্পাদিত)	:	ভাৰতীয় সাহিত্যৰ অধ্যয়ন

তৃতীয় বৰ্ষ : ষষ্ঠ যান্মাসিক

M-604 : চতুৰ্থ কাকত : অসমীয়া চুটিগল্প আৰু উপন্যাস মূল্যাংক : ৬০

পাঠ্যপুথি : অসমীয়া চুটিগল্প প্ৰবাহ (গুৱাহাটী বিশ্ববিদ্যালয়)

প্ৰথম গোট	:	অসমীয়া চুটিগল্পৰ ধাৰা	—	১৫
দ্বিতীয় গোট	:	অসমীয়া উপন্যাসৰ ধাৰা	—	১৫
তৃতীয় গোট	:	চুটিগল্প —	—	১৫
		লক্ষ্মীধৰ শৰ্মা : ব্যৰ্থতাৰ দান		
		লক্ষ্মীনন্দন বৰা : সখা দামোদৰ		
		প্ৰবীণা শইকীয়া : অবিনাশী স্বপ্ন		
চতুৰ্থ গোট	:	উপন্যাস —	—	১৫
		মামণি ৰয়ছম গোস্বামী : মামৰে ধৰা তৰোৱাল		

প্ৰসংগ পুথি :

ত্ৰৈলোক্যনাথ গোস্বামী	:	আধুনিক গল্প সাহিত্য
গোবিন্দ প্ৰসাদ শৰ্মা	:	উপন্যাস আৰু অসমীয়া উপন্যাস
প্ৰহ্লাদ কুমাৰ বৰুৱা	:	অসমীয়া চুটিগল্পৰ অধ্যয়ন
পৱাগ কুমাৰ ভট্টাচাৰ্য	:	গল্প প্ৰসংগ আৰু অসমীয়া গল্প সাহিত্য
নগেন ঠাকুৰ (সম্পাদিত)	:	এশ বছৰৰ অসমীয়া উপন্যাস

তৃতীয় বৰ্ষ : ষষ্ঠ ষাম্মাসিক

M-605 : পঞ্চম কাৰত : ছন্দ-অলংকাৰ   মূল্যাংকে : ৬০

প্ৰথম গোট	:	ছন্দৰ সাধাৰণ পৰিচয় : অক্ষৰ, মাত্ৰা, যতি, পাদ বা চৰণ, অন্ত্যমিল	—	১৫
দ্বিতীয় গোট	:	অসমীয়া বিভিন্ন ছন্দৰ পৰিচয় (সংজ্ঞা) : পয়াৰ, দুলড়ী, ছবি, লেচাৰি, ঝুনা, ঝুমুৰ, কুসুমমালা, মুক্তক ছন্দ	—	১৫
তৃতীয় গোট	:	কাব্যত অলংকাৰৰ প্ৰয়োজনীয়তা আৰু ইয়াৰ শ্ৰেণী বিভাগ (সাধাৰণ পৰিচয়)	—	১৫
চতুৰ্থ গোট	:	নিৰ্দিষ্ট শব্দালংকাৰ : অনুপ্ৰাস, যমক, শ্লেষ, বক্ৰোক্তি নিৰ্দিষ্ট অৰ্থালংকাৰ : উপমা, ৰূপক, ভ্ৰান্তিমান, উৎপ্ৰেক্ষা	—	১৫

প্ৰসংগ পুথি :

তীৰ্থনাথ শৰ্মা	:	সাহিত্য-বিদ্যা পৰিক্ৰমা
সোণাপতি দেৱশৰ্মা	:	সাহিত্যৰ সাজ
নৱকান্ত বৰুৱা	:	অসমীয়া ছন্দ-শিল্পৰ ভূমিকা
	:	কবিতাৰ দেহ-বিচাৰ
মহেন্দ্ৰ বৰা	:	অসমীয়া কবিতাৰ ছন্দ
পৱাগ কুমাৰ ভট্টাচাৰ্য	:	সাহিত্য, সংজ্ঞা আৰু আংগিক
হৰিনাথ শৰ্মা দলৈ	:	সাহিত্য প্ৰৱেশ

তৃতীয় বৰ্ষ : ষষ্ঠ ষাম্মাসিক

M-606 : ভাষা-বিজ্ঞানৰ পৰিচয়   মূল্যাংক : ৮০

প্ৰথম গোট	:	ভাষা-বিজ্ঞানৰ বিভিন্ন শাখা : ঐতিহাসিক, তুলনামূলক, বিৰোধমূলক, বৰ্ণনামূলক।	—	২০
দ্বিতীয় গোট	:	ধ্বনি বিজ্ঞান, প্ৰাকৃতি বিজ্ঞান	—	২০
তৃতীয় গোট	:	শব্দাৰ্থ বিজ্ঞান, বাক্যতত্ত্ব	—	২০
চতুৰ্থ গোট	:	উপভাষা বিজ্ঞান আৰু সমাজ ভাষা-বিজ্ঞান	—	২০

প্ৰসংগ পুথি ঃ

H.A. Gleason	ঃ	An Introduction to Descriptive Linguistics
C.A. Hockett	ঃ	A Course in Modern Linguistics
উপেন্দ্ৰ নাথ গোস্বামী	ঃ	ভাষা-বিজ্ঞান
	ঃ	ভাষা সমাজ আৰু সাহিত্য
গোলোক চন্দ্ৰ গোস্বামী	ঃ	ধ্বনি-বিজ্ঞানৰ ভূমিকা
ৰমেশ পাঠক	ঃ	ভাষা-বিজ্ঞানৰ ভূমিকা
	ঃ	ব্যাকৰণ আৰু প্ৰাকৃতি বিজ্ঞান
ভগৱান মৰল	ঃ	ভাষাৰ্থ বিজ্ঞান
দীপ্তি ফুকন পাটগিৰি	ঃ	ভাষাতত্ত্ব
বসন্ত কুমাৰ ভট্টাচাৰ্য	ঃ	ভাষা-বিজ্ঞান প্ৰৱেশ
নগেন ঠাকুৰ আৰু		
খগেশ সেন ডেকা (সম্পাদক)	ঃ	ভাষা-চিন্তা বিচিত্ৰা
দীপংকৰ মৰল	ঃ	উপভাষা-বিজ্ঞান
	ঃ	ব্যৱহাৰিক ধ্বনি বিজ্ঞান
উপেন ৰাভা হাকাচাম	ঃ	

অসমীয়া (MIL)

তিনি বছৰীয়া স্নাতক মহলা (ষাম্মাসিক)ৰ বাধ্যতামূলক আধুনিক ভাৰতীয় ভাষা (অসমীয়া) [MIL (Assamese)] বিষয়ৰ পাঠ্যক্ৰম আৰু পাঠ্যপুথি

[বাধ্যতামূলক কাকতকেইখন অসমীয়া প্ৰধান (Major) আৰু ঐচ্ছিক (Elective) অসমীয়া বিষয়ৰ ক্ষেত্ৰতো প্ৰযোজ্য হ'ব। যিবিলাক কাকতৰ মুঠ মূল্যাংকৰ ২০ নম্বৰ আভ্যন্তৰীণ মূল্যায়ন হ'ব তাৰ বিভাজন এনে ঃ [লিখিত পৰীক্ষা (Written Test) — ১০, ছেমিনাৰ (Seminer) — ০৫, আৰু গৃহ-কৰ্ম (Home Assignment) — ০৫] ক্ষেত্ৰত প্ৰযোজ্য হ'ব। যিবিলাক কাকতৰ মুঠ মূল্যাংকৰ ১৫ আভ্যন্তৰীণ মূল্যাংকন এনে ঃ লিখিত পৰীক্ষা — ১০ (দহ), গৃহ কৰ্ম — ০৫ (পাঁচ)।

প্ৰথম বৰ্ষ ঃ প্ৰথম ষাম্মাসিক

E-103 ঃ প্ৰথম কাকত ঃ অসমীয়া কবিতা			মূল্যাংক ঃ ৬০
পাঠ্যপুথি ঃ কবিতা মঞ্জৰী (গুৱাহাটী বিশ্ববিদ্যালয়)			

প্ৰথম গোট	ঃ	শংকৰদেৱ ঃ শৰৎ বৰ্ণনা	—	১৫
		মাধৱদেৱ ঃ তেজৰে কমলাপতি		
দ্বিতীয় গোট	ঃ	কমলাকান্ত ভট্টাচাৰ্য ঃ পাহৰণি	—	১৫
		চন্দ্ৰকুমাৰ আগৰৱালা ঃ নিয়ৰ		
তৃতীয় গোট	ঃ	লক্ষ্মীনাথ বেজবৰুৱা ঃ মালতী	—	১৫
		অম্বিকাগিৰী ৰায়চৌধুৰী ঃ গঢ়া কৰি মোক ঝাকদাৰ		
চতুৰ্থ গোট	ঃ	অমূল্য বৰুৱা ঃ বিপ্লৱী	—	১৫
		হীৰেন ভট্টাচাৰ্য ঃ মোৰ দেশ		

প্ৰসংগ পুথি
বাণীকান্ত কাকতি : পুৰণি অসমীয়া সাহিত্য
ভবানন্দ দত্ত : অসমীয়া কবিতাৰ কাহিনী

মহেশ্বৰ নেওগ (সম্পাদিত) : সঞ্চয়ন (পাতনি)
: আধুনিক অসমীয়া সাহিত্য

অৰ্চনা পূজাৰী (সম্পাদিত) : অসমীয়া কবিতাৰ বিচাৰ-বিশ্লেষণ
কৰবী ডেকা হাজৰিকা : অসমীয়া কবিতা
দুৰ্গেশ্বৰ শৰ্মা : অসমীয়া সাহিত্য সমীক্ষা
প্ৰহ্লাদ কুমাৰ বৰুৱা : আধুনিক অসমীয়া কবিতাৰ গতি-বৈচিত্ৰ্য
মালিনী গোস্বামী (সম্পাদিত) : আধুনিক অসমীয়া কবিতাৰ তিনিটা স্তৱ

প্ৰথম বৰ্ষ ঃ দ্বিতীয় ষান্মাসিক

E-203 ঃ দ্বিতীয় কাকত ঃ অসমীয়া গদ্য   মূল্যাংক ঃ ৬০

পাঠ্যপুথিঃ স্নাতকৰ কথাবন্ধ (গুৱাহাটী বিশ্ববিদ্যালয়)

প্ৰথম গোট	ঃ	কথাগুৰু চৰিত ঃ গুৰু-শিষ্যৰ মণি-কাঞ্চন সংযোগ	—	১৫
		বৈকুণ্ঠনাথ ভট্টাচাৰ্য ঃ সংক্ষেপে কৃষ্ণলীলা		
দ্বিতীয় গোট	ঃ	নিধি লিবাই ফাৰোৱেল ঃ	—	১৫
		নগাঁৱৰ দ্ৰোহী লোকৰ চৰিত্ৰ বৰ্ণন		
		লম্বোদৰ বৰা ঃ সদানন্দৰ কলা ঘুমটি		
তৃতীয় গোট	ঃ	সত্যনাথ বৰা ঃ জীৱনৰ অমিয়া	—	১৫
		বাণীকান্ত কাকতি ঃ নামঘোষা		
চতুৰ্থ গোট	ঃ	বেণুধৰ শৰ্মা ঃ মণিৰাম দেৱানৰ ফাঁচী	—	১৫
		মহেশ্বৰ নেওগ ঃ সাহিত্যৰ সাধনা ঃ আৰ্ট আৰু ৰুচি		

প্ৰসংগ পুথি
বিৰিঞ্চি কুমাৰ বৰুৱা : অসমীয়া কথা সাহিত্য (পুৰণি ভাগ)
প্ৰফুল্ল কটকী : ক্ৰমবিকাশত অসমীয়া কথাশৈলী
লীলা গগৈ (সম্পাদিত) : আধুনিক অসমীয়া সাহিত্যৰ পৰিচয়
মুকুল চক্ৰৱৰ্তী : গুৰু চৰিত কথাৰ অধ্যয়ন

দ্বিতীয় বৰ্ষ ঃ তৃতীয় ষান্মাসিক

E-308 ঃ তৃতীয় কাকত ঃ অসমীয়া নাটক   মূল্যাংক ঃ ৮০

প্ৰথম গোট	ঃ	শংকৰদেৱ ঃ কালীয় দমন	—	২০
দ্বিতীয় গোট	ঃ	দুৰ্গাপ্ৰসাদ মজিন্দাৰ বৰুৱা ঃ মহৰী	—	২০
তৃতীয় গোট	ঃ	মহেন্দ্ৰ বৰঠাকুৰ ঃ শ'ৰাগুৰি চাপৰি	—	২০
চতুৰ্থ গোট	ঃ	আলী হাইদৰ ঃ এটি চোলাৰ কাহিনী	—	২০

প্রসংগ পুথি

সত্যেন্দ্রনাথ শর্মা	:	অসমীয়া নাট্য সাহিত্য
হবিশ্চন্দ্র ভট্টাচার্য	:	অসমীয়া নাট্য সাহিত্যৰ জিলিঙনি
সত্যপ্রসাদ বকবা	:	নাটক আৰু অভিনয় প্রসংগে
শৈলেন ভৰালী	:	নাটক আৰু অসমীয়া নাটক
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	:	অসমীয়া নাটক : পৰম্পৰা আৰু পৰিবর্তন
পৰাগ কুমাৰ ভট্টাচার্য	:	পাশ্চাত্য নাট্য প্রসংগ
কেশবানন্দ দেব গোস্বামী	:	অকেমালা

দ্বিতীয় বর্ষ : চতুর্থ যান্মাসিক

E-408 : চতুর্থ কাকত : অসমীয়া চুটিগল্প, উপন্যাস আৰু ৰচনা   মূল্যাংক : ৬০

পাঠ্যপূথি : অসমীয়া চুটিগল্প প্রবাহ

প্রথম গোট	:	চুটিগল্প —	—	২০
		লক্ষ্মীনাথ বেজবৰুৱা : ধোঁৱা খোৱা		
		নগেন্দ্র নাৰায়ণ চৌধুৰী : ভাগ-বাটোৱাৰা		
দ্বিতীয় গোট	:	চুটিগল্প —	—	২০
		লক্ষ্মীনাথ ফুকন : ডাক্তৰ		
		অণিমা দত্ত : অৱগাহন		
তৃতীয় গোট	:	উপন্যাস —	—	২৫
		ৰজনীকান্ত বৰদলৈ : নির্মল ভকত		
চতুর্থ গোট	:	ৰচনা	—	১৫

প্রসংগ পুথি :

ত্রৈলোক্য নাথ গোস্বামী	:	আধুনিক গল্প সাহিত্য
মহেশ্বৰ নেওগ	:	আধুনিক অসমীয়া সাহিত্য
সত্যেন্দ্রনাথ শর্মা	:	অসমীয়া উপন্যাসৰ ভূমিকা
পৰীক্ষিত হাজৰিকা	:	ৰজনীকান্ত বৰদলৈৰ উপন্যাস
নগেন ঠাকুৰ (সম্পাদিত)	:	এশ বছৰৰ অসমীয়া উপন্যাস

ঐচ্ছিক অসমীয়া (Advance Assamese)

[প্রতিখন কাকতৰ মুঠ মূল্যাংক (১০০ / ৭৫)ৰ ২০ / ১৫ আভ্যন্তৰীণ মূল্যায়নৰ বাবে নির্ধৰিত। আভ্যন্তৰীণ মূল্যায়ন এনেধৰণৰ — লিখিত পৰীক্ষা (Written Test) — ১০, গৃহ-কর্ম (Home Assignment) — ০৫ আৰু চেমিনাৰ (Seminer) — ০৫]

প্রথম বর্ষ : প্রথম যান্মাসিক

E-101 : প্রথম কাকত : অসমীয়া সাহিত্যৰ বুৰঞ্জী   মূল্যাংক : ৬০
(আৰম্ভণিৰ পৰা শংকৰী যুগলৈ) আৰু লিপি

প্রথম গোট	:	লোক-সাহিত্য	—	১৫
দ্বিতীয় গোট	:	প্রাক্শংকৰী যুগৰ সাহিত্য	—	১৫
তৃতীয় গোট	:	শংকৰী যুগৰ সাহিত্য	—	১৫
চতুর্থ গোট	:	অসমীয়া লিপিৰ উদ্ভৱ আৰু ক্রমবিকাশ	—	১৫

প্রসংগ পুথি

T.P. Burma	:	Development of Script in Ancient Kamrup
M.M. Sarma (Ed.)	:	Inscriptions of Ancient Assam
Mahendra Bora	:	Evolution of Assamese Scripts
ডিম্বেশ্বৰ নেওগ	:	অসমীয়া সাহিত্যৰ বুৰঞ্জী

প্রথম বর্ষ ঃ দ্বিতীয় ষান্মাসিক

E-201 ঃ প্রথম কাকত ঃ অসমীয়া ভাষা   মূল্যাংক ঃ ৬০

প্রথম গোট	:	ভাৰত-ইউৰোপীয় ভাষা-পৰিয়ালৰ সাধাৰণ পৰিচয়	—	১৫
দ্বিতীয় গোট	:	প্রাচীন ভাৰতীয় আর্য ভাষাৰ পৰা পালি-প্রাকৃত-অপভ্রংশ আদি ভাষাৰ বিকাশৰ ধাৰণা আৰু তাৰ লগত অসমীয়া ভাষাৰ সম্পর্ক	—	১৫
তৃতীয় গোট	:	অসমীয়া ভাষাৰ জন্মকথা, চুবুৰীয়া ৰাজ্যত প্রচলিত আর্য-ভিন্ন ভাষা-পৰিয়ালৰ পৰিচয় আৰু অসমীয়া ভাষালৈ ইহঁতৰ বৰঙণি	—	১৫
চতুর্থ গোট	:	অসমীয়া ভাষাৰ উপভাষা আৰু অসমীয়াৰ শব্দভাণ্ডাৰ	—	১৫

প্রসংগ পুথি

ডিম্বেশ্বৰ নেওগ	:	The Origin of the growth of the Assamese Language
কালিৰাম মেধি	:	অসমীয়া ব্যাকৰণ আৰু ভাষাতত্ত্ব
দেৱানন্দ ভৰালী	:	অসমীয়া ভাষাৰ মৌলিক বিচাৰ আৰু সাহিত্যৰ চানেকী
বিৰিঞ্চি কুমাৰ বৰুৱা	:	অসমীয়া ভাষা আৰু সংস্কৃতি
নাথান ব্রাউন	:	Gramatical Notes on Assamese Languages
উপেন্দ্র নাথ গোস্বামী	:	ভাষা বিজ্ঞান
	:	অসমীয়া ভাষা আৰু উপভাষা
	:	অসমীয়া ভাষাৰ উদ্ভৱ, বিকাশ আৰু সমৃদ্ধি
	:	A Study of Kamrupi - A Dialect of Assam
	:	প্রত্ন অসমীয়া ভাষাৰ ৰূপতাত্ত্বিক বিশ্লেষণ
গোলোক চন্দ্র গোস্বামী	:	Structure of Assamese
বিশ্বেশ্বৰ হাজৰিকা	:	Assamese Language : Origin and Development
নগেন ঠাকুৰ	:	পৃথিৱীৰ বিভিন্ন ভাষা
ৰমেশ পাঠক	:	অসমীয়া ভাষাৰ ইতিহাস
উপেন ৰাভা হাকাচাম	:	অসমীয়া আৰু অসমৰ তিব্বত-বর্মীয় ভাষা
	:	অসমীয়া আৰু অসমৰ ভাষা-উপভাষা

দ্বিতীয় বৰ্ষ ঃ তৃতীয় যাণ্মাসিক
E-304 ঃ প্ৰথম কাকত ঃ অসমীয়া সাহিত্যৰ বুৰঞ্জী
মূল্যাঙ্ক ঃ ৮০
(উত্তৰ শংকৰী যুগৰ পৰা আৱাহন যুগলৈ)

প্ৰথম গোট	ঃ	উত্তৰ শংকৰী যুগৰ সাহিত্য	—	২০
দ্বিতীয় গোট	ঃ	অৰুণোদয় যুগৰ সাহিত্য	—	২০
তৃতীয় গোট	ঃ	জোনাকী যুগৰ সাহিত্য	—	২০
চতুৰ্থ গোট	ঃ	আৱাহন যুগৰ সাহিত্য	—	২০

প্ৰসংগ পুথি

ডিম্বেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যৰ বুৰঞ্জী
সত্যেন্দ্ৰনাথ শৰ্মা	ঃ	অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত
মহেশ্বৰ নেওগ	ঃ	অসমীয়া সাহিত্যৰ ৰূপৰেখা
হেমন্ত কুমাৰ শৰ্মা	ঃ	অসমীয়া সাহিত্যত দৃষ্টিপাত
শিৱনাথ বৰ্মন	ঃ	অসমীয়া সাহিত্যৰ বুৰঞ্জী (দ্বিতীয় খণ্ড)
ভুৱনেশ্বৰী বৈশ্য	ঃ	বৈষ্ণৱ যুগৰ অসমীয়া সাহিত্য
তিলক চন্দ্ৰ মজুমদাৰ	ঃ	প্ৰাচীন অসমীয়া সাহিত্যৰ প্ৰাঞ্জল ধাৰা

দ্বিতীয় বৰ্ষ ঃ চতুৰ্থ যাণ্মাসিক
E-403 ঃ প্ৰথম কাকত ঃ অসমীয়া ব্যাকৰণ
মূল্যাঙ্ক ঃ ৮০

প্ৰথম গোট	ঃ	অসমীয়া ব্যাকৰণৰ ইতিহাস	—	২০
দ্বিতীয় গোট	ঃ	অসমীয়া ভাষাৰ ধ্বনিতত্ত্ব	—	২০
তৃতীয় গোট	ঃ	অসমীয়া ভাষাৰ ৰূপতত্ত্ব	—	২০
চতুৰ্থ গোট	ঃ	অসমীয়া শব্দ ভাণ্ডাৰ আৰু অসমীয়া বাক্যতত্ত্বৰ চমু আভাস—		২০

প্ৰসংগ পুথি

নাথান ব্ৰাউন	ঃ	Grammatical Notes on Assamese Language
হেমচন্দ্ৰ বৰুৱা	ঃ	অসমীয়া ব্যাকৰণ
সত্যনাথ বৰা	ঃ	বহল ব্যাকৰণ
কালিৰাম মেধি	ঃ	অসমীয়া ব্যাকৰণ আৰু ভাষাতত্ত্ব
উপেন্দ্ৰ নাথ গোস্বামী	ঃ	অসমীয়া ভাষাৰ ব্যাকৰণ
দেৱানন্দ ভৰালী	ঃ	অসমীয়া ভাষাৰ মৌলিক বিচাৰ আৰু সাহিত্যৰ চানেকী
গোলোক চন্দ্ৰ গোস্বামী	ঃ	Structure of Assamese
	ঃ	অসমীয়া ব্যাকৰণৰ মৌলিক বিচাৰ
দীপ্তিফুকন পাটগিৰি	ঃ	মধ্যযুগৰ অসমীয়া ভাষাৰ ব্যাকৰণ
লীলাৱতী শইকীয়া বৰা	ঃ	অসমীয়া ভাষাৰ ৰূপতত্ত্ব
ৰমেশ পাঠক	ঃ	Studies in Assamese Vocabulary.
খগেশ সেন ডেকা	ঃ	ব্যাকৰণ প্ৰাচ্য আৰু পাশ্চাত্য

তৃতীয় বর্ষঃ পঞ্চম যান্মাসিক

E-503 ঃ প্রথম কাকত ঃ অসমীয়া কবিতা   মূল্যাংকঃ ৮০

পাঠ্যপুথি ঃ কবিতা মঞ্জৰী (গুৱাহাটী বিশ্ববিদ্যালয়)

প্রথম গোট	ঃ	চর্যাপদ নং ১ (লুইপাদানাম্ — কাআ তৰুবৰ ...)	—	২০
		শংকৰদেৱ ঃ নন্দোৎসৱ		
		শ্রীধৰ কন্দলি ঃ কাগখোৱা		
দ্বিতীয় গোট	ঃ	পীতাম্বৰ ঃ চিত্রলেখাৰ পট নির্মাণ	—	২০
		ৰাম সৰস্বতী ঃ ধৃতৰাষ্ট্র-বিদুৰ সংবাদ		
		বিশ্বেশ্বৰ বৈদ্যাধিপ ঃ ৰংপুৰ নগৰৰ বৰ্ণনা		
তৃতীয় গোট	ঃ	ৰঘুনাথ চৌধাৰী ঃ কেতেকী (প্রথম তৰংগ)	—	২০
		যতীন্দ্র নাথ দুৱৰা ঃ সোণোৱালী দেশ		
		নলিনীবালা দেৱী ঃ পৱমতৃষ্ণা		
চতুর্থ গোট	ঃ	দেৱকান্ত বৰুৱা ঃ আমি দুৱাৰ মুকলি কৰোঁ	—	২০
		নৱকান্ত বৰুৱা ঃ পলস		
		নির্মলপ্রভা বৰদলৈ ঃ দ্ৰৌপদী		

তৃতীয় বর্ষঃ ষষ্ঠ যান্মাসিক

E-504 ঃ দ্বিতীয় কাকত ঃ অসমীয়া নাটক   মূল্যাংকঃ ৮০

প্রথম গোট	ঃ	শংকৰদেৱ ঃ ৰামবিজয়	—	২০
দ্বিতীয় গোট	ঃ	জ্যোতিপ্রসাদ আগৰৱালা ঃ লভিতা	—	২০
তৃতীয় গোট	ঃ	ৰাম গোস্বামী ঃ মাদল	—	২০
চতুর্থ গোট	ঃ	মুনীন ভূঞা ঃ হাতী আৰু ফন্দী	—	২০

প্রসংগ পুথি

কালিৰাম মেধি	ঃ	অংকাৱলী
বিৰিঞ্চি কুমাৰ বৰুৱা	ঃ	অংকীয়া নাট
সত্যেন্দ্র নাথ শর্মা	ঃ	অংকমালা
	ঃ	অসমীয়া নাট্য সাহিত্য
হৰিশ্চন্দ্র ভট্টাচার্য	ঃ	অসমীয়া নাট্য সাহিত্যৰ জিলিঙনি
কেশৱানন্দ দেৱগোস্বামী	ঃ	অংকীয়া ভাওনা
	ঃ	অংকমালা
পৰমানন্দ ৰাজবংশী (সম্পাদিত)	ঃ	অসমীয়া নাটক ঃ পৰম্পৰা আৰু পৰিবৰ্তন
প্রফুল্ল কুমাৰ নাথ	ঃ	নাটক ঃ প্রাচীন আৰু আধুনিক
সত্যপ্রসাদ বৰুৱা	ঃ	নাটক আৰু অভিনয় প্রসংগ
মঞ্জু গোস্বামী	ঃ	চিন্তা প্রবাহ

তৃতীয় বৰ্ষ : ষষ্ঠ ষাম্মাসিক

E-603 : তৃতীয় কাকত : অসমীয়া গদ্য (নিৰ্বাচিত ৰচনা)   মূল্যাংক : ৮০

পাঠ্যপুথি : স্নাতকৰ কথাবন্ধ (গুৱাহাটী বিশ্ববিদ্যালয়)

প্ৰথম গোট	:	শংকৰদেৱ : শ্ৰীকৃষ্ণৰ পূৰ্ব-ৰাগ	—	২০
		বৈকুণ্ঠনাথ ভট্টাচাৰ্য : বিশ্বৰূপ দৰ্শন		
দ্বিতীয় গোট	:	ৰঘুনাথ মহন্ত : ৰামৰ বন গমন	—	২০
		বদনাকৰ কন্দলি আৰু		
		অৰ্জুন দাস বৈৰাগী : ত্ৰিপুৰাত মদন পূজাৰ আড়ম্বৰ		
		আৰু মোট খেলাৰ কৌতুক		
তৃতীয় গোট	:	হেমচন্দ্ৰ বৰুৱা : আত্ম-জীৱন চৰিত	—	২০
		লক্ষ্মীনাথ বেজবৰুৱা : বৰবৰুৱাৰ বিমান-বিহাৰ		
চতুৰ্থ গোট	:	বাণীকান্ত কাকতি : সাহিত্যত ৰক্ষণ ৰস	—	২০
		সত্যেন্দ্ৰ নাথ শৰ্মা : অংকীয়া নাটৰ ৰস-বিচাৰ		

প্ৰসংগ পুথি

বিৰিঞ্চি কুমাৰ বৰুৱা	:	অসমীয়া কথা-সাহিত্য (পুৰণি ভাগ)
প্ৰফুল্ল কটকী	:	ক্ৰমবিকাশত অসমীয়া কথাশৈলী
মহেশ্বৰ নেওগ	:	বাণীকান্ত চয়নিকা (পাতনি)
গোবিন্দ প্ৰসাদ শৰ্মা	:	জীৱনী আৰু অসমীয়া জীৱনী

DEPARTMENT OF ARABIC

(NON CBCS)

PROGRAMME SPECIFIC OUTCOMES:

History of Arabic Literature is also helpful for those who are preparing for APSC and SSC. A student of Arabic Language and Literature may choose his/her career in journalism or any other editorial board. They may get job in museum, archives and libraries. Beside those, in the field of research and archaeology they may proceed.

COURSES	LEARNING-OUTCOMES
B.A. 1st Semester(M)	**After completion of the course the students will be able-**

AR-1:1 Arabic Prose-I & Grammar (Etymology)	• Students will learn about the Arabic Prose Literature & Arabic Grammar Etymology Section. • Student will learn the difference sources of Arabic Language and • History and distinguish between primary and secondary sources. • Student will learn different branches of Arabic History as well as • Student will be aware of historical tradition outside the West.
B.A. 1st Semester(M) AR-1:2 Arabic Poetry-I, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** • Student will learn more about Arabic Poetry, history of Islam and uses of Arabic Grammar Syntax Section. • The paper will focus on Islamic History Specially. • Student will learn the importance, Nature and the Characteristics of Islamic poetry associated with the socio-economic and Cultural changes in western Countries and the emergence of Muslim empires in Umayyad Period (…….) AD. • Students will learn about Traditional Poetic stories of Islam.
B.A. 2nd Semester(M) AR-2:1 Arabic Prose-II & Grammar (Etymology)	**After completion of the course the students will be able-** • Students will learn more about the Arabic Prose-II & Grammar (Etymology) • Students will able to know more about the Arabic Grammar and Prose Literature as commerce will be the focus of the paper properly. • Students will learn about the growth and development as well as Fundamentals of Arabic Language and Prose Literature contact with outsideof the Arab world.
B.A. 2nd Semester(M) AR-2:2 Arabic Poetry-II, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** • Student will learn more about Arabic Poetry, history of Islam and uses of Arabic Grammar Syntax Section. • The paper will focus on Islamic History Specially. • Student will learn the importance, Nature and the Characteristics of Islamic poetry.

B.A. 3rd Semester(M) AR-3:1 Arabic Prose-III, (Quran, Hadith& Nasihat) & Grammar (Etymology)	**After completion of the course the students will be able-** • Understanding of Main Features, Characteristics and Deferent Types of Arabic Poetry. • Able to know more about the Basic Concept of Quran and Hadith with the Contact of Religious Nasihat. • Understanding the Importance of Arabic Grammar for Arabic Language and Literature Students. AS well as the Similarity Between Scienceand Quran.
B.A. 3rd Semester(M) AR-3:2 Arabic Poetry-III, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** • Student will learn more about Arabic Poetry, history of Islam and uses of Arabic Grammar Syntax Section. • The paper will focus on Islamic History Specially. • Student will learn the importance, Nature and the Characteristics of Islamic poetry associated with the socio-economic and Cultural changes in western Countries and the emergence of Muslim empires in Umayyad Period. • Students will learn about Traditional Poetic stories of Islam.
B.A. 4th Semester(M) AR-4:1 Arabic Prose-IV, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** The paper will focus on Islamic History Specially. • Student will learn more about Arabic Prose, history of Islam and uses of Arabic Grammar Syntax Section. • Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.
B.A. 4th Semester(M) AR-4:2 Arabic Prose-V, Literary History of the Arabs - (Pre-Islamic Period) & Grammar (Syntax)	**After completion of the course the students will be able-** • Student will learn more about Arabic Prose, history of Pre-Islamic Arabs and uses of Arabic Grammar Syntax Section. • Student will learn about the Nature & Characteristics of Pre-Islamic Prose Literature associated with the socio-economic Cultural condition in western Countries and the emergence of empires in Pre-Islamic Period. • Students will learn about the basic Features, characteristics of pre- • Islamic Arabic Literature and literary history of the Arabs.
B.A. 5th Semester(M) AR-5:1 Arabic Prose (Medieval Period) & Grammar:(Syntax)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Arabic Prose (Medieval Period) & Grammar:(Syntax). • Students will able to understand about the impact of Arabic Prose (Medieval Period) & Grammar:(Syntax). • Students will get Sufficient knowledge with the Concern Paper.

B.A. 5th Semester(M) AR-5:2 Arabic Poetry (Pre-Islamic Period to Abbasid Period).	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Arabic Poetry (From Pre-Islamic to Abbasid Period). • Students will able to understand about the impact of Arabic Poetry • (From Pre-Islamic to Abbasid Period). Students will get Sufficient knowledgewith the Concern Paper.
B.A. 5th Semester(M) AR-5:3 Modern Arabic Poetry	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of history of the Arabs specially in Modern Arabic Poetry Literature. • Students will able to understand about the impact of Modern Arabic • Poetry Literature among the Arab world.
B.A. 5th Semester(M) AR-5:4 Rhetoric, Grammar, Essay & Translation (Arb-Eng. & Vice- Versa)	**After completion of the course the students will be able-** • To Know about the concept, meaning and different types of Translation. • To Demonstrate knowledge of Arabic Rhetoric. • To acquired sufficient knowledge of Arabic Grammar. • To understand the role of Essay Writing. • To develop Language skills Properly. • To know about orthography, syntax, with a purpose.
B.A. 5th Semester(M) AR-5:5 Literary History of the Arabs (Umayyads-Abbasids) & Semitic Language	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Literary history of the Arabs specially in Umayyad-Abbasid Period. • Students will able to understand about the impact of Literary history of the Arabs in Umayyad-Abbasid Period. • Students will able to learn more about all the aspects of Semitic Languages. • Students will get Sufficient knowledge with the Concern Paper.
B.A. 5th Semester(M) AR-5:6 Functional Arabic	**After completion of the course the students will be able-** • Students will learn about the uses of functional Arabic Language. • Able to understand all the functions of Arabic Language Grammar. • Students will able to gained knowledge of Arabic Grammar Practically in this paper.
B.A. 6th Semester(M) AR-6:1 Indo -Arabic Literature	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Indo-Arabic Literature. • Students will able to understand about the impact of Indo-Arabic Literature among the Arab world. Students will get Sufficient knowledge withthe Concern Paper.

COURSE NAME	LEARNING-OUTCOMES
B.A. 6th Semester(M) AR-6:2 Modern Arabic Poetry (Mahjar & Romanticism)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of history of the Arabs specially in Modern Arabic Poetry Literature. • Basic Concept, Main features of Mahjar Literature. • Basic Concept, Main features of the Poetry of Romanticism. • Students will able to understand about the impact of Modern Arabic Poetry Literature among the Arab world. • Students will get Sufficient knowledge with the Concern Paper.
B.A. 6th Semester(M) AR-6:3 Modern Arabic Prose	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of history of the Arabs specially in Modern Arabic Prose Literature. • Students will able to understand about the impact of Modern Arabic Prose Literature among the Arab world. • Students will get Sufficient knowledge with the Concern Paper.
B.A. 6th Semester(M) AR-6:4 Literary History of the Arabs (modern Period)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Literary history of the Arabs specially in Modern Arabic Language and Literature. • Students will able to understand about the impact of Literary history of the Arabs in Modern Arab world. • Students will get Sufficient knowledge with the Concern Paper.
B.A. 6th Semester(M) AR-6:5 Functional Arabic	**After completion of the course the students will be able-** • Students will learn about the uses of functional Arabic Language. • Able to understand all the functions of Arabic Language Grammar. • Students will able to gained knowledge of Arabic Grammar Practically in this paper.
B.A. 6th Semester(M) AR-6:6 Dissertation	**After completion of the course the students will be able-** • Students will learn how to collect data and facts. • Students will learn about the methods of presentation properly. • Students will learn about citing sources. • Students will learn about preparing bibliography. • Students will learn about presenting the findings and drafting a dissertation.

Course Outcomes of Arabic

COURSE NAME	LEARNING-OUTCOMES
B.A. 1st Semester(G) 1:1 Arabic Prose & Poetry-I, History of Islam & Grammar	**After completion of the course the students will be able-** • The paper will focus on Arabic Prose & Poetry-I as well as History of Islam & Grammar (Syntax) Specially. • Student will learn more about Arabic Prose, history of Islam and uses

(Syntax)	of Arabic Grammar Syntax Section. Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.
B.A. 2nd Semester(G) 2:1 Arabic Prose & Poetry-II, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** - The paper will focus on Arabic Prose & Poetry-I. - Student will learn more about Arabic Prose Literature. - Student will learn more about history of Islam and uses of Arabic Grammar Syntax Section. - Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.
B.A.3rd Semester(G) 3:1 Arabic Prose & Poetry-III, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** - The paper will focus on Arabic Prose & Poetry-I. - Student will learn more about Arabic Prose, history of Islam and uses of Arabic Grammar Syntax Section. - Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.
B.A.4th Semester(G) 4:1 Arabic Prose, History of Islam & Grammar (Syntax)	**After completion of the course the students will be able-** The paper will focus on Arabic Prose. - Student will learn more about Arabic Prose, history of Islam and uses of Arabic Grammar Syntax Section. - Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.
B.A.4th Semester(G) 4:2 Arabic Prose, Literary History of the Arabs &Grammar Etymology.	**After completion of the course the students will be able-** - The paper will focus on Arabic Prose, Literary History of the Arabs & Grammar. - Student will able to learn more about Arabic Prose, Literary history of the Arabs and uses of Arabic Grammar (Syntax) - Understanding of Main Features, Characteristics and Deferent Types of Arabic Prose Literature.

B.A.5th Semester(G) 5:1 Arabic Prose-I (Medieval Period)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Arabic Prose(Medieval Period). • Students will able to understand about the impact of Arabic Prose(Medieval Period). • Students will get Sufficient knowledge with the Concern Paper.
B.A.5th Semester(G) 5:2 Arabic Poetry-I (Pre-Islamic & early Islam)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Arabic Poetry-I (Pre-Islamic & early Islam). • Students will able to understand about the impact of Arabic Poetry-I(Pre-Islamic & early Islam). • Students will get Sufficient knowledge with the Concern Paper.
B.A.6th Semester(G) 6:1 Indo Arabic Literature	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of Indo-ArabicLiterature. • Students will able to understand about the impact of Indo-ArabicLiterature among the Arab world. • Students will get Sufficient knowledge with the Concern Paper.
B.A.6th Semester(G) 6:2 Modern Arabic Poetry: (Mahjar)	**After completion of the course the students will be able-** • Students will able to learn more about all the aspects of history of theArabs specially in Modern Arabic Poetry Literature. • Basic Concept, Main features of Mahjar Literature. • Students will able to understand about the impact of Modern ArabicPoetry Literature among the Arab world. • Students will get Sufficient knowledge with the Concern Paper.
B.A.6th Semester(G) 6:3 Arabic Prose-II: (Modern Period)	**After completion of the course the students will be able-** The paper will focus on Modern Arabic Prose-II. • Student will learn more about Modern Arabic Prose Literature. • Student will learn more about history of Modern Arabic Literature. • Understanding of Main Features, Characteristics and Deferent Types ofArabic Prose Literature.