

B.A. (Prog.)

PAPER NAME	COURSE LEARNING OUTCOME
Political Science	
Introduction to Political Theory	<ul style="list-style-type: none"> • Understand the nature and relevance of Political Theory • Understand different concepts like liberty, equality, justice and rights. • Reflect upon some of the important debates in Political Theory
Indian Government and Politics	<ul style="list-style-type: none"> • Demonstrate an understanding of the different viewpoints on Indian politics and the nature of Indian state • Show knowledge of the text of the Indian Constitution and an awareness of constitutional and legal rights • Understand the structure of society in India and how social inequalities have an impact on political institutions and processes • Show awareness of the party system in India and the development policies adopted by various governments so far • Understand how social movements are formed and how they impact the political processes
Comparative Government and Politics	<ul style="list-style-type: none"> • The paper will equip students with an in-depth understanding of nature, and scope of comparative politics. • Enhance student's understanding of comparative analysis both in developed and developing countries. • Enable students in understanding historical context of modern state, constitutional development and their political economy with specific references; such as capitalism as a case of reference to Britain, socialism with reference to China, colonialism and decolonization with reference to Brazil and Nigeria. • Develop analytical skills of students to discuss the contemporary debates on the changing nature of state in the context of globalization.
Introduction to International Relations	<ul style="list-style-type: none"> • Students will learn about major theoretical approaches and the history of International Relations. • The course will enhance students' understanding on the major political developments in international relations since 1945. • The paper will develop in-depth knowledge on the emerging centers of power like European Union, China, Russia and Japan. • Students will also learn about basic determinants of India's foreign policy and understand it in the context of India as an emerging power.
Themes in Comparative Political Theory	<ul style="list-style-type: none"> • Understand how Political Theory draws from and is shaped by both western and Indian traditions. • Appreciate the value and distinctiveness of Comparative Political Theory

Understanding Globalization	<ul style="list-style-type: none"> • The students will learn about meaning and significance of globalization in contemporary times. • The course will enhance students' understanding on economic, political, technological and cultural dimensions of globalization. • Understanding the role of global actors in the process of globalization will enhance students' knowledge on world actors like United Nations, World Trade Organization and G-77. • Students will also learn about contemporary pressing issues like global warming, poverty & inequality and international terrorism.
Understanding Gandhi	<ul style="list-style-type: none"> • To understand fundamental concept of Gandhi philosophy through his words • It will help them understand these concepts in a critical and analytical manner.
Human Rights, Gender and Environment	
Legislative Support	
Public Opinion and Survey Research	
Your Laws Your Rights	
Conflict and Peace Building	
<u>Economics</u>	
Principles of Microeconomics I (PD11)	The students learn some basic principles of microeconomics and interactions of supply and demand, characteristics of perfect competition, efficiency and welfare.
Principles of Microeconomics II (PD21)	This course helps the students to understand different forms of market imperfections and market failures observed in real life situations. The students learn about the environment where the standard market mechanism fails to generate the desirable outcomes. They develop a sense of how the production is distributed among the different factors of production and the demand for inputs. Some preliminary concepts of international trade are also covered in this course.
Principles of Macroeconomics I (PD31)	This course is useful for understanding various real economic issues and evaluating policy outcomes.
Principles of Macroeconomics II (PD41)	This course provides students with an analytical framework to understand the basic functioning of the macro economy. It also allows them to critically examine and comment on effectiveness of various policies.

Environmental Economics (PDE51)	The module aims to introduce students to the main concepts in environmental economics, equip students with a thorough analytical grasp of environmental policy theory, starting with externalities, and familiarise students with the main issues in environmental valuation. At the end of the module the students should be able to demonstrate their understanding of the economic concepts of environmental policy, use diagrammatic analysis to demonstrate and compare the economic welfare effects of various environmental policy options, and demonstrate their understanding of the usefulness and problems related to environmental valuation.
Money and Banking (PDE52)	It allows students to analyze financial market outcomes and evaluate policies.
Economic Development & Policy in India I (PDE53)	<p>This course will help students understand the key issues related to the Indian economy. It will broaden their horizons and enable them to analyze current economic policy thus improving their chances of getting employed, and be more effective, in positions of responsibility and decision making.</p> <p>The course also serves as the base for further study of sector specific policy discussion that is pursued in the course in the next semester. Given the topical nature of the course, the readings will be updated every year.</p>
Public Finance (PDE61)	The module aims to introduce students to the main concepts in public finance, equip students with a thorough analytical grasp of government taxes: direct and indirect taxes, and familiarize students with the main issues in government expenditure. At the end of the module the students should be able to demonstrate their understanding of the economic concepts of public finances, use diagrammatic analysis to demonstrate and compare the economic welfare effects of various government policy options, and demonstrate their understanding of the usefulness and problems related to government revenues and expenditures
Economic Development & Policy in India II (PDE62)	Students will have capability to understand government policies and will enable informed participation in economic decision making, thus improving their employment prospects and career advancement.
Economic History of India (PDE63)	The course exposes students to the intricacies of India's economic, political and social developments both in the past and present times. It develops their analytical skills that will be useful in a variety of careers in academics, research, journalism, private sector and government.
Principles of Microeconomics	The students learn some basic principles of microeconomics and interactions of supply and demand, characteristics of perfect competition, efficiency and welfare.

(PGE51)	
Issues in Economic Development (PGE52)	Students will develop a critical understanding of the contemporary issues in Indian economic development. Students will thus be better prepared to face the professional world and can use this knowledge base in a variety of jobs, including in the corporate, civil service and NGO sectors.
Principles of Macroeconomics (PGE61)	This course is useful for understanding various real economic issues and evaluating policy outcomes.
The Indian Economy (PGE62)	Students will develop a critical understanding of the contemporary issues in the Indian economy. Students will thus be better prepared to face the professional world and can use this knowledge base in a variety of jobs, including in the corporate, civil service, and NGO sectors.
Understanding Economic Survey and Union Budget (PS31)	Students will have the capability to understand government policies and will be informed participants in economic decision-making.
Research Methodology (PS41)	The student will develop an understanding of how commonly available data is collected and analyzed. This would help in the interpretation of secondary data and in the management of small primary surveys.
Data Analysis (PS51)	Students will learn to input, visually represent and analyze data.

ENGLISH

DSC Detective Literature	1-E1:	<p>Detective fiction has, even in its earliest forms, investigated the category of crime and foregrounded the use of science and rationality in the decoding of crime. Through this course, students are familiarized with both genres and explore the changing nature of crime and detection as well as issues of citizenship and bio-ethics through the prescribed readings.</p> <ul style="list-style-type: none"> • engage with questions about the idea of ‘progress’, and the role of science and technology in human life; • encourage students to explore the meaning of hitherto naturalized terms such as ‘crime’ and ‘human/humanity’.
PAPER Modern European	13:	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> • develop an overview of how modernity was introduced in the twentieth

drama	<p>century through drama;</p> <ul style="list-style-type: none"> • understand the dynamic relationship between actors and audience, and observe the transition from passive spectatorship to a more active and vital participatory process visible in newer forms in the 1970s; • examine Ibsen's <i>A Doll's House</i> as it focuses on issues related to women in patriarchal institutions such as marriage; • look at ideas of alienation in epic theatre, through a study of Brecht's <i>The Good Person of Szechuan</i>, and link those ideas to Brecht's prose works; • examine Ionesco's play <i>Rhinoceros</i> in the light of his prose writings, <i>Present Past, Past Present</i>. • familiarise the feminist interventions in the European theatrical tradition, through Rame's <i>'Rape'</i> and Fo's <i>Can't Pay, Won't Pay</i>.
PAPER- 14: Postcolonial literatures	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> • understand postcolonial theorisations and texts from hitherto colonized regions; • demonstrate an awareness of the postcolonial situation through the reading of a wide variety of texts; • familiarize with the variety of postcolonial literatures from Africa, Latin America and South Asia and counter the stereotypes usually associated with assumptions regarding these literatures; • inculcate adequate knowledge of the importance of gender, class, and caste issues in postcolonial literatures; • understand various genres of writing: the novel, drama, short stories, prose writings, critical essays and poetry.
PAPER- D13: Literary criticism and theory -2	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> • understand the history of ideas in the twentieth century and the material and discursive conditions of intellectual production; • grapple with literary studies, from a privileging of form to an interdisciplinary engagement with the literary text; • develop a critical wherewithal which would enable them to engage with a literary text from multiple pedagogical entry points; • examine the methods of argument and rhetorical constructions through which important theoretical ideas and concepts have been established and made to impact the West's cultural production field.
PAPER- D16: Partition literature	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> • understand the affective dimensions of the Partition in varied geopolitical spaces; • comprehend the country's postcolonial realities; • follow the topics through the study of literary texts: colonialism, nationalism and the Partition of India in 1947, communalism, violence and the British Rule in India, homelessness, exile and migration, women and children in the

	Partition, refugees, rehabilitation and resettlement, borders and borderlands.
PAPER- D17: Speculative fiction and detective literature	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> investigate the categories of literature termed, ‘speculative fiction’ and ‘detective literature’, and the social and philosophical issues associated with them; engage with questions about the idea of ‘progress’, and the role of science and technology in human life; encourage students to explore the meaning of hitherto naturalized terms such as ‘crime’ and ‘human/humanity’.
PAPER - D19: Twentieth century european fiction	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> understand the main currents of fiction in twentieth-century Europe; develop an understanding of Europe as a cultural idea represented, debated and questioned in the fictions of the twentieth century; compare a variety of literary responses to the socio-political forces of change, and ideologies that impinged on the lives of people in different regions of Europe in the twentieth century; reflect on the situation of the European writer as a cultural spokesperson, yet in a state of perpetual exile physically displaced and metaphorically distanced from the established centres of cultural power.
DSC-1F: Children’s literature	<p><i>Upon completion of this course, the students will be able to,</i></p> <ul style="list-style-type: none"> trace the emergence of the genre termed Children’s Fiction and link it to the emergence of other genres as print culture has grown; familiarize with the idea of visual literacy, illustrations, etc., and their application and use in children’s picture books; facilitate an engagement with the myth and literature
MATHEMATICS	
Statistics	<p>This course will enable the students to learn:</p> <ul style="list-style-type: none"> Basic probability axioms and familiar with discrete and continuous random variables. To 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. Central limit theorem, which helps to understand the remarkable fact that: the empirical frequencies of so many natural populations, exhibit a bell-shaped curve.
Analytic geometry	<p>On completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> Learn concepts in two-dimensional geomet Identify and sketch conics namely, ellipse, parabola and hyperbola. Learn about three-dimensional objects such as straight lines and planes using vectors, spheres, cones and cylinders

General Mathematics 1	<p>On completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> • About the contributions of the Ancient Indian Mathematicians in the field of Algebra, Geometry, • Trigonometry, Calculus and Astronomy. • Know more about Prime numbers, Fermat's numbers, Latin squares and magic squares. • Understand the various types of Matrices, Operations of Matrices and solving a system of Linear Equations.
Differential Equations	<p>The student will be able to:</p> <ul style="list-style-type: none"> • Solve the exact, linear and Bernoulli equations and find orthogonal trajectories. • Apply the method of variation of parameters to solve linear differential equations. • Formulate and solve various types of first and second order partial differential equations.
Statistics	<ul style="list-style-type: none"> • Determine moments and distribution function using moment generating functions. Learn about various discrete and continuous probability distributions. • Know about correlation and regression for two variables, weak law of large numbers and central limit theorem. • Test validity of hypothesis, using Chi-square, F and t-tests, respectively in sampling distributions

Computer Science:

Computer Fundamentals (62341101)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • handle a computer system for day to day use. • enumerate different types of input/ output devices and types of memory. • perform basic arithmetic operations using different number systems including binary arithmetic. • differentiate between system and application software. • prepare documents / spreadsheets.
Database Management System (62341201)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • Differentiate between database systems and file systems. • Describe the features of database management systems. • Analyze the problem and arrive at an information model in the form of an ER diagram • Normalize a database. • Transform an ER model into a relational database schema. • Use SQL for query and data update operations.
Computer Networks and HTML (62344330)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • Enumerate various network topologies and identify situations when different network topologies would be useful. • Distinguish between LAN, MAN, WAN. • Distinguish between Intranet, Extranet and Internet. • Describe client-server architecture. • enumerate different transmission media and describe the use of each of them. • design web pages using HTML.

Multimedia Systems and Applications (62344414)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • Enumerate and describe the multimedia components. • Generate, manipulate and use images in multimedia projects using bitmap, vector and 3-D images. • Create basic animations.
Programming in JAVA (62347503)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • understand the concepts of object-oriented software design. • develop, compile and run Java programs using basic programming constructs. • use object-oriented software design principles like inheritance and polymorphism . • use visibility modifiers (public, private, protected) to implement appropriate abstraction and encapsulation.
Programming with Python (62347502)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • select a suitable programming construct and inbuilt data structure for a situation. • develop and document modular python programs. • use classes and objects in application programs.
Information Security and Cyber Laws (62347627)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • enumerate issues in computer security. • enumerate and describe common forms of attacks. • describe the importance of security policy in the security framework. • describe security related terms like cryptography, privacy, steganography. • describe the need for cyber laws, and important provisions of IT Act.
Project Work/Dissertation (62347627)	<p>By the end of this course, the students will be able to:</p> <ul style="list-style-type: none"> • develop a project plan based on informal description of the project. • implement the project as a team. • write a report on the project work carried out by the team and defend the work done by the team collectively. • present the work done by the team to the evaluation committee.
IT Fundamentals (62345501)	<p>By the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> • develop a vocabulary of key terms related to the computer and to software program menus, identify the components of a personal computer system and use the interface deftly. • organize files and documents on storage devices. • compose, format and edit a word document. • use spreadsheet for storing data and performing preliminary analysis. • acquire fundamental knowledge of networking and distinguish between different types of networks. • acquire knowledge of internet applications and use them.
Multimedia and Web Design (62345625)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • understand fundamental Web design principles and technologies· • understand the detailed design plan required to create a successful Web site that considers audience needs, accessibility features, and various technical issues. • understand the coverage of ownership, permissions, and copyright issues· • incorporate text, images, animation, sound, and video into Web pages. • create a website with popular multimedia authoring tools, such as Macromedia Flash.

Data Science using R (62345626)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • create effective solutions to data analysis challenges. • effectively organize and manage data science projects. • analyse problems and identify solutions. • communicate data science problems, methods, and findings effectively, visually, and in writing.
Data Science using Python (62345627)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • analyse and solve data science problems in real world projects. • effectively organize and manage data sets for data science projects. • use Python packages to perform statistical analysis of given dataset. • display data in suitable visual form.
Word Processing and Presentation Softwares(62343320)	<p>By the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> • Create and refine documents using text formatting, tables and graphics. • Use mail merge. • Create macros and templates in documents. • Protect documents. • Create presentations containing transitions and animations. learn advanced presentation features like custom slide show, call outs and action buttons.
PHP Programming (62343319)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • write PHP scripts to handle HTML forms. • write regular expressions including modifiers, operators, and meta-characters. • write PHP programs that use various PHP library functions, and that manipulate files and directories. • create a dynamic web site employing server side scripting.
Data Handling Using Spreadsheet (62343415)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • perform data analysis and manipulation in a spreadsheet. • use built-in mathematical functions in a spreadsheet. • perform what-if analysis using Goal seek, ASAP utility add-ins in spreadsheets. • sort and filter data. • protect a spreadsheet
Web designing Using HTML 5 (62343416)	<p>By the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> • define the principle and basics of Web page design • visualize the basic concept of HTML. • recognize the elements of HTML. • apply basic concept of CSS. • publish the web pages.
Open Source Softwares (62343502)	<p>By the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> • install open source software. • work on an open source operating system like Linux, Gambia and Gimp. • describe common open source licenses and the impact of choosing a license. • find open source projects related to a given development problem. • identify open source alternatives available for a given proprietary software. • participate in a public open source project/ task.

Desktop Publishing (62343502)	<p>By the end of the course, the students will be able to:</p> <ul style="list-style-type: none"> • write, edit and print documents using word processing and spreadsheet. • use tools for Desktop Publishing and would be able to create and design documents with • text and graphics like newspaper ads, visiting cards, posters etc.
System Administration & Maintenance (62343635)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • distinguish between features of Linux/Unix and windows operating system. • install/uninstall hardware and software. • configure system environment. • troubleshoot network connectivity issues. • examine system performance issues. • examine file structure and properties.
Android Programming (62343636)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • describe various components of an Android application. • design user interfaces using various widgets, dialog boxes, menus. • design and implement interaction among various activities/applications using intents. • develop application(s) that require database handling.
Data Visualization using R (62343637)	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • import/export small data sets in and out of R environment. • draw different types of plots to aid analysis of datasets. • identify a suitable technique for analysis data for the given objective. • Interpret and use the results of analysis.