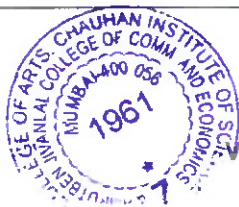


**PREAMBLE
FOR
OPEN ELECTIVE
COURSES**

All Undergraduate Programs

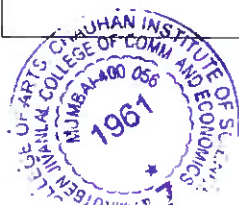


PREAMBLE FOR OPEN ELECTIVE COURSES (B.A./B.Com./B.Sc.)	
Economic Systems	In this course students should develop a comprehensive understanding of different economic systems, such as capitalism, socialism, communism, mixed economies and how to assess the relative efficacy of a decentralized, market-based capitalist economic system and a centralized, non-market socialist or communist economic system.
Economic Thoughts	In this course students should develop a comprehensive understanding of different economic thinkers and theorists such as Smith, Ricardo and Marx among the classical and Marshall & Pareto from the neo-classical schools of thought.
Introduction to Indian Cinema	The objective is to trigger an interest in the learner for Indian Cinema over the ages, in different languages and genres so as to be able to grasp the strong interdependence between Indian Cinema and society.
Travel Writing	This will be exposed to the genre of travel literature through critical readings of travel works from diverse cultures of both the East and the West. The learners will also be trained in the basics of writing articles and blogs and the creation of blogs on travel.
Film Appreciation	This course is a journey into the captivating world of cinema, offering participants a deeper understanding and appreciation of the art of filmmaking. It include cinematography, editing, sound design, narrative structures, and the roles of directors, actors, and other collaborators in bringing a film to life.
Visual Communication	This course provides a comprehensive exploration of the principles, techniques, and applications of visual media in contemporary society. Learners will learn how to effectively convey messages, ideas, and emotions through visual means, mastering the use of color, typography, layout, and imagery to create impactful and engaging communication materials. Beyond technical skills, this course also emphasizes conceptual thinking and visual storytelling, teaching participants to conceptualize, plan, and execute visual projects that communicate effectively with diverse audiences.
Gandhian Thought	This course is designed for students who are eager to explore the philosophical and practical teachings of Mahatma Gandhi, one of the most influential figures of the 20 th century. Opting for this course will equip the learner with a unique philosophical perspective that complements the analytical skills developed in the main field of study.
Psychology of Everyday Life	The course has been designed with dual-goals i.e., improving the subject knowledge and helping students deal with their life problems and stressors. It deals with concepts like ways to enhance the academic success through effective time-management, understanding the reasons of procrastination, and improving academic self-efficacy.
Stress Regulation	The concept, experience and effects of stress is hinged to all the spheres of one's life - personal, social, professional and spiritual. the course aims to empower the learners to understand the nature-components-theories of stress, the role of individual's personalities-gender-culture in experiencing stress, the various bodily & emotional reactions to stress, the consequences of chronic prolonged stress, and preventive as well as intervention strategies to regulate stress in personal lives.
Sociology of Cinema	Studying the course of sociology of cinema helps students understand how films reflect and shape societal norms, values, and ideologies. Students learn to deconstruct movies, identifying underlying themes, messages, and representations of social issues such as race, class, gender, sexuality, and power dynamics. By studying the sociology of cinema, students gain cultural awareness and appreciation for different societies.
Sociology of Sports	Through this course, students gain insights into the dynamics of power structures, inequalities, and cultural norms helping them understand how sports both shape and are shaped by society. Students can explore how participation in sports influences



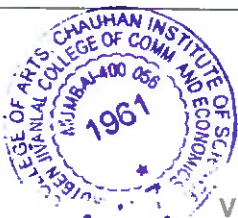


	identity formation, socialization processes, and group dynamics, particularly in relation to factors like race, gender, class, and nationality.
Basics of Income Tax	<p>Understanding Income Tax: A Stepping Stone to Financial Freedom</p> <p>Paying your income tax for the first time is a milestone in any citizen's life. Basically, anybody with an income is liable to file income tax returns. The Income Tax might seem complex, but it equips you with essential life skills! This course will introduce you to:</p> <ul style="list-style-type: none"> • Calculating your tax liability • Filing tax returns • Financial planning
Overview of GST	<p>Simplifying GST: A Game Changer for Businesses</p> <p>The GST might seem intricate, but it unlocks the workings of a revolutionary tax system - the Goods and Services Tax (GST). Understanding GST equips you for:</p> <ul style="list-style-type: none"> • Smoother Business Transactions • Informed Consumer Choices • Career Opportunities • Navigate the GST framework • Comply with regulations efficiently • Make strategic business decisions <p>Mastering the GST basics empowers you to contribute to a more efficient and transparent economy, both as a responsible citizen and a future professional.</p>
Event Management	The Event Management course will develop learners' skills and knowledge that is necessary to plan, organize and execute perfect events. This course covers a wide range of topics that caters to classification of events and management of events. It is thus, important for a learner, to have basic knowledge and develop managerial skills to understand the working of a successful event.
Digital Marketing	The Digital Marketing course covers a wide range of topics that cater to understanding consumer digital behavior, tools and techniques of digital marketing and the new trends in the said area. It is thus, important for a learner, to have basic knowledge and develop skills in the field of digital marketing.
Fundamentals of Advertising	This course covers the basics of advertising concepts/lingos and enhances the learner's creative skills in the field of advertising. From the making of Ads until the execution and testing of Ads, one can expect to have a clear picture of the advertising environment.
Introduction to Entrepreneurship	This course will cover the nitty-gritty of entrepreneurial procedures and policies that favour and hinder the entrepreneurship process, which will help the learners build confidence in taking up entrepreneurial ventures in near future.
Travel and Tourism Management	The course covers a wide range of topics namely, the importance and scope of tourism, new forms of tourism, history and growth of travel agencies, tour operators, documentation for foreign travel, and a brief idea about careers in travel and tourism industry. The course also highlights the importance of sustainable and responsible tourism, touching upon the ethical concerns related to tourism.
Disaster Management	The Disaster Management course deals with disaster risk profile of India, institutional framework in India for disaster management, role of government authorities and agencies, community and NGOs in disaster management. The course equips learners with in-depth knowledge of how to deal with and survive through certain natural and man-made disasters and mitigate the impact of disasters.





Introduction to Geoinformatics	Geoinformatics is an interdisciplinary field that deals with the collection, analysis, interpretation, presentation, and management of all forms of geographically referenced information. Geoinformatics professionals are in high demand across various sectors, including government agencies, private companies, research institutions, and non-profit organizations. Studying Geoinformatics keeps learners at the forefront of technological innovation.
Corporate law	The objective of the course is to understand company formation, management, and other activities. After completing the course, students will be able to understand and provide examples of the fundamental legal principles governing different types of businesses. Additionally, the learner will be able to know the practice and procedure before tribunal or Courts.
Study of Crime and Criminology	This Course aims to give a basic idea of concepts like crime, criminal law, administration system etc. and to make students acquainted with criminology, penology and victimology in detail. This course offers a specialist understanding of criminal policies including theories of punishment, their supposed philosophical and sociological justifications and the problem of exercise of discretion in sentencing. It helps in developing analytical skills, critical observation and investigative thinking. The course extensively covers research methods and discovers various causes of criminal behavior.
Intellectual Property Rights	IPR or Intellectual Property rights refers to a set of legal rights granted to individuals or entities for protecting their creations or inventions. The scope of intellectual property encompasses a wide range of intangible creations that can be protected. These include inventions, computer software, publications, music, plant varieties, and more, Intellectual property law covers areas such as patents, trademarks, copyrights, and trade secrets.
Labour Law	Labour law is a specialization of law that deals with the relationships between the workers and their employers. Labour law course helps in understanding how employees are treated appropriately in workplaces, and their rights are not neglected. Labour law ensures that employers are treated well, and they are valued for their work.
Financial Literacy	Financial literacy will help you understand budgeting, saving, and smart spending. You'll be able to choose the right credit card, avoid debt traps, and even plan for your future dreams. Financial literacy unlocks peace of mind and sets you on the path to financial independence. So, take charge! Learn how money works and become the master of your financial destiny.
Basics of Financial Services	Financial services are the tools that help you navigate the world of money. Banks, for example, keep your cash safe and offer ways to earn interest. Insurance protects you from unexpected costs. Investment options help your money grow over time. Understanding these services empowers you to make informed decisions.
Understanding Credit	Credit is like a report card for your financial responsibility. It tracks your borrowing history, showing lenders if you repay what you borrow on time. Understanding credit navigates with respect to access to loans, interest rates credit cards and credit scores.
Personal Financial Planning	Personal financial planning is your map to navigate money matters. It's about taking control of your finances and setting sail towards your goals by the rules as follows: <ul style="list-style-type: none"> • Chart your course • Track your treasure • Navigate the waves • Weather the storms





Essentials of Business Environment	This course provides a comprehensive understanding of the internal and external factors influencing businesses. It equips students with the knowledge to analyze and navigate the complex business landscape, including legal, economic, political, and socio-cultural factors.
Principles of Marketing	This course introduces students to the fundamental concepts and principles of marketing. It covers topics such as consumer behavior, market segmentation, product development, pricing strategies, and promotional techniques. By understanding these principles, students gain the ability to develop effective marketing plans and strategies, which are essential for any organization seeking to promote and sell its products or services.
Essentials of IMC	Integrated Marketing Communications (IMC) is a strategic approach to creating a consistent and seamless brand experience across multiple communication channels. This course teaches students how to plan, execute, and evaluate integrated marketing campaigns that effectively reach and engage target audiences. IMC is crucial for building strong brand equity and maximizing the impact of marketing efforts.
Introduction to Neuro Marketing	This course explores the science behind consumer decision-making processes and how to leverage that knowledge to create more effective marketing strategies. By understanding the subconscious drivers of consumer behavior, students gain a competitive advantage in developing persuasive and impactful marketing campaigns.
Food Adulteration and Preservation	This course on food adulteration and preservation will help spread awareness about general principles, methods, and techniques associated with food preservation and its importance. Learners will understand about common food adulterants and their impact on health. It also will explain food safety and different legal aspects as well as better employability in food industries and QAQC laboratories.
Food and Nutrition	The course encompasses the concepts of food spoilage, regulatory standard, food packaging and preservation. The course equips the learners to analyze their own meals and further design their own mean plan! It will help them to improve their health outcomes and expand career options, consumer awareness, entrepreneurship possibilities and lifelong benefits in the field of food, nutrition and health.
Bio-products for Sustainable Future	The course sensitizes the learners towards the SDG's. The course emphasizes for an immediate need of alternative technologies over existing technology. The learners understand the concept of environment friendly bio-products for human use, specific applications of green biotechnology in the fields like agriculture and healthcare for the production of bio-fertilizers, bio-pesticides and biosensors, biofuels.
Food preparation and processing	The course focusses on an intricate knowledge of food and its various aspects related to techniques of preparation and processing of foods and their effect on food nutritional components. The learners can also understand the sensory evaluation of various physical parameters of food, which gives greater insights to concepts of dietary choices and healthy cooking practices and retention of nutritive content.
Food preservation technologies	The course focusses on food spoilage by different environmental factors, followed by various techniques used in food preservation. The students will be equipped to explore interdisciplinary career and entrepreneurial opportunities in areas such as food supply chain management, food industries catering value-added products such as ready-to-eat meals, dehydrated foods, and frozen foods.
Hydroponics and Green House Technology	This course aims to introduce basic principles and techniques of Hydroponics and Greenhouse Technology. This will empower the learners in the field of plant sciences globally and establish a solid foundation on the global market. It will also help the learners in choosing their Career.





Importance of Chemistry in Daily Life	<p>Practical Relevance: Understanding everyday chemistry in cosmetics, food, and energy makes learning more engaging for students and also applicable to real life.</p> <p>Consumer Awareness: Knowing the chemical makeup of products empowers students to make informed choices, promoting health and sustainability.</p> <p>Career Opportunities: Mastery of these areas opens doors for the students to diverse industries like pharmaceuticals, cosmetics, and renewable energy.</p>
Chemical Calculations	<p>Chemical calculations paper designed to make students aware how to prepare solution of different concentrations. It also includes qualitative and quantitative analysis, pH, common ion effect, uncommon ion effect, temperature, various terms involved in volumetric analysis.</p>
Python Programming	<p>Python is a versatile language used in various domains such as data analysis, machine learning, artificial intelligence, automation, scripting, and more. Learning Python provides the learners with a versatile skill set applicable in diverse fields. Python skills are in high demand across various industries, including technology, finance, healthcare, and research.</p>
Web Design	<p>Learners gain a solid understanding of web technologies including HTML (Hypertext Markup Language), CSS (Cascading Style Sheets), and JavaScript. Recognizing that web design trends and technologies evolve rapidly learners stay updated with the latest trends, tools, and techniques.</p>
Python for Machine Learning	<p>Learning Python provides a solid foundation in programming concepts necessary for understanding and implementing machine learning algorithms. Python is extensively used in machine learning and artificial intelligence due to its rich set of libraries. Python offers powerful tools for data analysis and visualization. Learning Python equips the learners with the skills to manipulate, analyze, and visualize data effectively.</p>
Advanced Excel	<p>Choosing Advanced Excel invests in a powerful toolset for immediate practical benefits while also cultivating broader analytical and problem-solving abilities essential for success in a vast array of fields. Integrating AI tools directly into Microsoft Excel, enhancing data analysis capabilities and automating various tasks. It does not just enhance productivity and efficiency but also have wide range application which can help in critical thinking, problem solving, managing large datasets, decision making process which turns into an overall development of an individual.</p>
Machine Learning	<p>Learning machine learning (ML) involves several key objectives, particularly when approached through Python. Learners gain hands-on experience by working on real-world machine learning projects and datasets. This involves understanding how to formulate a problem, select appropriate algorithms, pre-process data, train models, evaluate performance, and deploy solutions.</p>
Swing Trading with Technical Analysis using Mathematics	<p>Mathematics plays a crucial role in swing trading, which involves making short- to medium-term trades to capture price movements within a larger trend. Here's how mathematics is important in swing trading:</p> <ul style="list-style-type: none"> • Technical Analysis • Risk Management • Probability and Statistics • Algo-trading • Market Dynamics and Patterns <p>By leveraging mathematical principles and quantitative analysis, swing traders can enhance their decision-making process, improve their trading strategies' performance, and achieve more consistent profitability in the financial markets.</p>





<p>Quantitative Mathematics for Aptitude Tests</p>	<p>Candidates who excel in mathematics have a better chance of securing admission or qualifying for prestigious opportunities. Mathematics plays a crucial role in cracking competitive exams or entrance exams for several reasons:</p> <ul style="list-style-type: none"> • Foundation of problem solving • Scoring Subject • Problem Solving Skills • Time Management • Competitive advantage <p>This provides the necessary foundation, problem-solving skills, and quantitative aptitude required to succeed in these assessments.</p>
<p>Mathematical and Statistical Techniques I/II</p>	<p>This course is designed to provide learners with a solid foundation in mathematical principles and statistical techniques necessary to analyze data, interpret numerical information and make decisions in various business contexts using a mix of theoretical concepts, practical applications and real-world examples. Learners will develop a comprehensive understanding of fundamental mathematical principles, statistical methods, and their relevance to subjects like economics, commerce, business management and related disciplines.</p>
<p>Mosquitoes, Flies and Diseases</p>	<p>This course offers an accessible and engaging introduction to the wonders of microorganisms, igniting a passion for discovery and understanding in the microbial realm. Participants will discover the profound impact of microbiology on scientific breakthroughs, healthcare, agriculture, biotechnology, and beyond.</p>
<p>The Immune System</p>	<p>Learn about the inner workings of your immune system. See the profound impact of lifestyle factors, such as diet, stress, and sleep, on immune function, and get practical tips for maintaining a healthy immune system and enhancing overall well-being. Whether you're a science enthusiast, or simply curious about the marvels of immunology, this course promises to enlighten and inspire, leaving you with a newfound appreciation for the remarkable guardians within us all.</p>
<p>Physics of Light and Photography</p>	<p>As we delve into the science behind light, we'll discover its incredible properties and learn how it shapes the world around us. From the colors of the rainbow to the twinkling stars in the night sky, light surrounds us in myriad forms, yet its true nature remains a captivating mystery waiting to be unraveled.</p> <p>No Prior Knowledge Required: Whether you're a complete novice or someone who simply wants to deepen their understanding of the light, our course welcomes students of all levels. You don't need a background in science to join - just a curiosity and a desire to learn!</p>
<p>Physics of Sound and Music</p>	<p>A thorough but easy-to-understand look at the physics of sound and music and how our ears pick it up helps us not only enjoy learning but also understand and appreciate everything happening around us – how we connect with the planet, its creatures, and what they create. Ultimately, delving into the physics of sound, including its musical aspects, enriches our understanding of how we interact with the world around us and the creations within it.</p>
<p>Basic Renewable energy</p>	<p>This course includes Solar and Hydro Energy: Dive into the brilliance of solar energy. Learn how photovoltaic cells convert sunlight into electricity. Explore the mighty force of hydro energy—how dams and turbines transform flowing water into power. Wind and Ocean Energy: Unleash the wind! Discover the art of wind energy harvesting through windmills and turbines. Plunge into the depths of ocean energy—tidal and wave power that can revolutionize our grids. Delve into geothermal energy, tapping Earth's internal heat for sustainable electricity.</p>





Shri Vile Parle Kelavani Mandal's
**MITHIBAI COLLEGE OF ARTS, CHAUHAN INSTITUTE OF SCIENCE &
 AMRUTBEN JIVANLAL COLLEGE OF COMMERCE AND ECONOMICS**

(EMPOWERED AUTONOMOUS – Affiliated to University of Mumbai)



NAAC Reaccredited 'A' Grade, CGPA:3.57 (February 2016 to December 2023)

Best College (2016–17), University of Mumbai

Basic Statistics	By taking this course student will have the opportunity to complete data collection and numerical measurements, undertake project work and give presentations, which will develop both, subject specific and general skills.
Basics of Probability	The objective of this course is to assist students in using probability terms and axioms, which are necessary for understanding the concept of probability distribution.
Parametric and Non-parametric tests	This course is designed to evaluate various methods of parametric and non-parametric tests, as well as concepts related to the testing of hypotheses. Summarize the theoretical and practical knowledge on the analysis of these tests.
Linear Models	This course is designed to teach students about different linear models such as regression analysis, ANOVA, and others, which are necessary for data analysis and prediction.
Butterfly Gardening	Rapid urbanization has resulted in large-scale habitat loss, resulting in a decrease in biodiversity around us. The construction of buildings has led to increased depletion of available open land that could sustain biodiversity. Butterflies are a component of biodiversity severely affected by these developments and can have dire consequences for humanity. Butterflies play a key role in the ecosystem, particularly in pollination and indirectly in food production.
Basic Ornithology	Birdwatching is an extremely popular hobby that fulfils these objectives. Some of the birds also act as indicators of the health of the ecosystems. With the objective of introducing learners to the fascinating aspects of the life of birds and to awaken in them a desire to contribute towards conservation, an open elective course titled 'Basic Ornithology' has been introduced.
Animal Ethics and IPR	The goals of teaching this module to non-biologists is mainly to understand the importance of retaining good human health while at the same time maintaining biodiversity of the non-human organisms that are central to the research activities of not only the IPR but also other research organizations.



K. D. Kulkarni
Principal

SVKM'S MITHIBAI COLLEGE OF ARTS,
 CHAUHAN INSTITUTE OF SCIENCE &
 A.J. COLLEGE OF COM. & ECONOMICS
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