Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

LL.M (Criminal Laws)

Program Outcomes (PO)

PO1	Advanced Knowledge of Criminal Laws: Students will acquire an in-depth understanding of criminal law concepts, including substantive and procedural criminal law, forensic science, and criminal justice administration. This knowledge will enable them to critically analyse the nuances of national and international criminal law frameworks.
PO2	Expertise in Legal Research: Students will develop advanced skills in legal research methodology, particularly focusing on doctrinal and empirical research related to criminal laws. They will be able to conduct comprehensive research on emerging issues in criminal law and justice, leading to scholarly contributions.
PO3	Critical Analysis and Problem-Solving: Students will enhance their ability to critically analyse criminal justice systems, identify legal issues, and propose reforms. They will develop problem-solving skills to address complex criminal law cases, legal issues in policy-making, and advocacy.
PO4	Interdisciplinary Approach: The program fosters an interdisciplinary understanding of criminal law, encouraging graduates to integrate perspectives from sociology, psychology, political science, and human rights to understand the broader social, political, and economic contexts of crime.
PO5	Professional Competence in Legal Practice: Students will be well-equipped for advanced roles in legal practice, advocacy, judicial services, and policy-making, with expertise in defending or prosecuting criminal cases and advising on criminal law matters. They will also demonstrate ethical responsibility and uphold the rule of law.
PO6	Leadership in Criminal Justice Reform: Students will be empowered to play a leadership role in advancing criminal justice reforms, contributing to the development and implementation of policies that enhance the fairness, transparency, and effectiveness of criminal justice systems.
PO7	Application of Comparative Criminal Law: Students will be skilled in applying comparative approaches to criminal law, evaluating and contrasting criminal law systems from different jurisdictions, and proposing adaptations or improvements to domestic law based on global best practices.
PO8	Effective Communication and Advocacy: Students will develop advanced skills in legal writing, argumentation, and oral advocacy, enabling them to effectively present complex legal issues before courts, tribunals, and other legal forums, as well as to communicate effectively in academic and policy discussions.
PO9	Ethical and Social Responsibility: Students will be aware of the ethical implications of criminal law practice and will demonstrate a commitment to upholding justice, human rights, and the principles of fairness and equality in their professional roles.
PO10	Global Perspective and Contemporary Relevance: Graduates will possess a global understanding of criminal law, including transnational crimes, international criminal law, and human rights law, preparing them to address contemporary global challenges such as terrorism, cybercrime, and organized crime.

Program Specific Outcomes (PSO)

PSO1	Students will acquire an in-depth understanding of New Challenges of Indian Constitution, Legal Research and criminal law concepts including substantive and procedural criminal law and criminal justice administration. This knowledge will enable them to critically analyse the nuances of national and international criminal law frameworks.
PSO2	Students will demonstrate specialized knowledge of both substantive criminal law (offenses and defences) and procedural criminal law (investigation, prosecution, and trial processes). They will be able to apply these principles effectively in legal practice, especially in drafting pleadings and representing clients in criminal litigation.
PS03	Students will be skilled in conducting advanced legal research on criminal law topics, including emerging issues such as cybercrime, organized crime, and terrorism. They will be able to develop evidence-based policy recommendations aimed at reforming criminal law and the justice system.

Course Outcomes (CO)

Course Outcomes for Sem-1, LL.M (Criminal Laws)	
Indian Constitutional Law: The New Challenges CC101	After completion of this course, student will find ease to: • Explore the relationship between Union and States, resource allocation, and special state statuses. • Examine the connection between Fundamental Rights, Directive Principles, and issues like equality and secularism. • Study writs, PILs, and Supreme Court decisions on constitutional remedies and compensation. • Understand judicial independence, executive accountability, and the balance of power. • Assess electoral reforms, election commission roles, and the impact of political-business nexus on democracy.
Legal Theories CC102	After completion of this course, student will be able to: • Gain a clear understanding of the meaning, scope, and significance of jurisprudence and its relationship with other social sciences. • Examine the contributions of key thinkers like Jeremy Bentham and John Austin in the development of analytical legal positivism. • Understand Hans Kelsen's pure theory, focusing on the basic norm, its implications, and Kelsen's overall contribution to legal theory. • Study the social origins and impact of laws, with a focus on Roscoe Pound's social engineering and the role of law in shaping society. • Trace the evolution of natural law theories from the Greek and Roman periods to the medieval era and their revival in modern times.
Police and Criminal Justice CC103	After completion of this course, student will be able to • Study the history and structural organization of the modern police in India, with a focus on the center and Gujarat state. • Examine the role of police in a democratic society, including crime investigation, law and order, and challenges like politicization and criminalization. • Review key recommendations from National Police Commissions, the Justice Malimath Committee, and Mull Report on police reforms. • Understand the powers and duties of police under various laws, including the Indian Police Act, IPC, CrPC, and Evidence Act. • Analyse the relationship between police, prosecution, and the public, focusing on collaboration and public trust.

Principle of Criminal Law CC104	After completion of this course, student will be able to • Study the definition of crime, its distinction from tort, and the relationship between criminal law and morality. • Explore key concepts such as mens rea, actus reus, fraudulently, dishonestly, voluntarily, and the legal interpretation of these terms in Indian law. • Understand the stages in committing a crime, from intention and preparation to attempt, with a focus on legal distinctions and illustrative cases. • Study common intention, common object, and the differences between Section 34 and Section 149 of the IPC in joint criminality cases. • Examine abetment and criminal conspiracy in both English and Indian law, focusing on their elements, types, and relevant punishments under
Course Outcomes for Sem-2, LL.M (Criminal Laws)	
Judicial Process CC201	After completion of this course, student will find ease to: • Analyse how the judicial process serves as an instrument of social ordering, exploring creativity in law and legal reasoning in both common law and codified systems. • Explore the role of judicial review, theories of judicial function, and the tools used in policy-making and creativity in constitutional adjudication. • Investigate the role of judges in India, the concept of judicial independence, and the evolution of judicial activism in pursuit of constitutional goals. • Understand the concepts of justice in both Indian and Western traditions, focusing on theoretical foundations like Dharma, contractual traditions, and moral traditions. • Examine different theories about the relationship between law and justice, including dependency and independence theories, and explore Supreme Court cases influenced by these concepts.
Law and Social Transformation in India CC202	After completion of this course, student will be able to: • Understand how law acts as both a product of tradition and culture, and as an instrument for facilitating social change, particularly in the Indian context. • Study how law interacts with religion, language, community, and regionalism, and explore legal responses like secularism, non-discrimination, and unity in a diverse society. • Investigate the Gandhian, Socialist, and Marxist critiques of law, including the Naxalite movement, focusing on their impact on Indian law and justice systems. • Explore legal provisions addressing crimes against women, gender injustice, child labor, sexual exploitation, and the empowerment of women and children through legislative measures. • Analyse modernization through constitutional

	perspectives, focusing on reforms in family law, industrial law, environmental protection, and reforms in court processes, including criminal law, civil law, and prison reforms.
Penology: Treatment of Offenders CC203	After completion of this course, student will be able to • Examine various theories of punishment, including retribution, deterrence, incapacitation, and rehabilitation, along with classical Hindu and Islamic approaches to punishment. • Explore the constitutionality and judicial attitudes towards capital punishment in India, along with relevant statutory and case law, and law reform proposals. • Study alternatives to imprisonment, such as probation, corrective labor, fines, collective fines, and reparation by offenders or the court. • Understand the types of sentences under the penal code and special laws, focusing on sentencing for white-collar crimes, habitual offenders, pre-sentence hearings, and plea bargaining. • Analyse the current state of Indian prisons, including the classification of prisoners, rights of prisoners, duties of custodial staff, prison deviance, open prisons, and the role of judicial surveillance in prison reforms
Juvenile Delinquency CC204	After completion of this course, student will be able to • Understand the definitions of "child," delinquent juveniles, and neglected juveniles in the context of Indian law. • Analyse factors influencing juvenile delinquency, including socio-economic pressures and peer influences. • Explore key legislation impacting juvenile justice in India, focusing on the Juvenile (Protection and Care) Act. • Evaluate the socio-economic conditions affecting juvenile crime rates and victimization in India. • Analyse the judiciary's contributions to juvenile justice and the implementation of preventive strategies.
Course Outcomes for Sem-3, LL.M (Criminal Laws)	
Legal Research Methodology CC301	After completion of this course, student will be able to • Differentiate between socio-legal, doctrinal, and non-doctrinal research methods. • Define a research problem and learn techniques for surveying literature and legislative materials relevant to legal studies. • Develop a comprehensive research design, including data collection techniques, sampling procedures, and methodologies. • Master data classification, tabulation, and analysis to interpret legal research findings accurately. • Gain proficiency in using computerized legal research programs like Lexis and Westlaw for efficient legal

	information retrieval.
Collective Violence and Criminal Justice System EC302	After completion of this course, student will come to know of: • Grasp the fundamental notions of force, coercion, and various forms of violence, including symbolic, institutionalized, and structural violence. • Examine the sociocultural and religious contexts of violence in India, including caste and gender-based violence, and understand historical perspectives on non-violence. • Assess the historical and legal factors contributing to agrarian violence in India and analyse significant events, such as the Telangana struggle and the Arwal Massacre. • Investigate the incidence of violence against Scheduled Castes and women, and evaluate the effectiveness of criminal law in addressing these atrocities. • Analyse the causes and consequences of communal violence, evaluate the role of law enforcement agencies, and assess the functioning of the criminal justice system during communal conflicts.
Forensic Science EC303	After completion of this course, student will come to know of: • Define forensic science and its importance, including key principles, functions, and developmental aspects. • Examine recent advancements in forensic science and cyber forensics, focusing on techniques for evidence collection and analysis, including polygraph tests and brain mapping. • Analyse the scientific investigation of road accidents, including the evaluation of clues, materials, and trace analysis related to tire impressions and skid marks. • Learn to identify, classify, and collect evidence related to narcotics and toxic substances, including various drugs and poisons. • Assess the role of forensic investigators in crime scenes, including the collection and preservation of micro traces, ballistic evidence, and post-mortem examinations to determine causes of death.
Privilege Class Deviance EC304	After completion of this course, student will come to know of: • Understand the concept of white-collar crimes and their implications within the context of Indian socio-economic offenses. • Identify and analyse various forms of privileged class deviance, including official, professional, and police deviance, and their impacts on Indian society. • Examine case studies related to official deviance in India, including notable commissions and their findings, to understand systemic issues within governance. • Critically assess the legal restraints on police powers, including practices of encounter killings and police atrocities, and explore reform suggestions. • Evaluate the responses of the Indian legal system to

	privileged class deviance, including the roles of various commissions, vigilance mechanisms, and the Prevention of Corruption Act.
Drug Addiction, Criminal Justice and Human Rights EC305	After completion of this course, student will come to know of: • Comprehend key concepts related to drugs, including definitions of narcotics, psychotropic substances, addiction, and drug trafficking. • Analyse the demographic and social characteristics of drug users, including factors such as age, gender, socio-economic status, and patterns of drug use. • Evaluate the international legal regime governing drug addiction, including the Single Convention on Narcotic Drugs and human rights implications. • Assess the Indian regulatory system regarding drug addiction and trafficking, including the Narcotic Drugs and Psychotropic Substances Act, 1985, and judicial approaches. • Investigate the role of community initiatives, educational systems, and the medical profession in combating drug addiction and promoting rehabilitation efforts.
Course Outcomes for Sem-4, LL.M (Criminal Laws)	
Dissertation / Submission / Viva-Voce CC401	Students should learn how to choose and justify a Legal research subject, as well as how to properly design, conduct, assess, and explain their experiments. Students should demonstrate significant improvement in the following areas: In-depth understanding of the selected legal research field. • Equip students with the skills to conduct independent legal research, including identifying relevant legal issues, formulating research questions, and selecting appropriate methodologies. • Guide students in structuring and writing a comprehensive dissertation, emphasizing clear articulation of arguments, critical analysis, and proper citation practices. • Prepare students for effective presentation of their research findings during the viva-voce, focusing on communication skills, engagement with the audience, and answering questions confidently. • Foster critical thinking and analytical skills through peer reviews and feedback sessions, encouraging students to engage with diverse perspectives on their research topics. • Instil an understanding of ethical considerations in legal research, including issues of plagiarism, informed consent, and the responsibility of presenting truthful and accurate information.
Legal Research Practical (Doctrinal and Non – Doctrinal	After completion of this course, student will come to know of: • Equip students with a comprehensive understanding of doctrinal and non-doctrinal research methodologies, enabling them to select appropriate approaches for various legal inquiries.

Research) CC402	• Enhance students' practical skills in conducting legal research, including effective use of legal databases, library resources, and research tools to gather relevant information. • Teach students to critically analyse and interpret legal texts, statutes, case law, and secondary sources, fostering the ability to derive meaningful conclusions and arguments. • Provide hands-on experience in conducting non-doctrinal research, including empirical studies, surveys, and interviews, enabling students to gather and analyse data effectively. • Train students to present their research findings clearly and effectively, both in written reports and oral presentations, ensuring they can articulate their insights to diverse audiences.
Skill Enhancement (Classroom Teaching and Clinical Research Report) CC403	After completion of this course, student will come to know of: • Equip students with effective teaching techniques and strategies, enabling them to conduct engaging and informative classroom sessions for LL.B. students. • Foster a deep understanding of assigned legal topics, ensuring students can convey complex legal concepts clearly and accurately to their peers. • Encourage students to apply their legal knowledge in real-world settings through participation in legal aid clinics, court proceedings, and various legal disputes. • Develop students' ability to conduct thorough clinical research, enabling them to analyse legal issues, draft legal documents, and participate in public interest litigation effectively. • Provide students with opportunities to receive constructive feedback from faculty members and peers, fostering a culture of continuous improvement in teaching and legal practice skills.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.A. Archaeology

Program Outcomes (PO)

PO1	**Comprehensive Knowledge of Archaeological Theory**: Graduates will demonstrate a thorough understanding of archaeological theories, methodologies, and the historical development of the discipline.
PO2	**Fieldwork Proficiency**: Students will acquire practical skills in archaeological field methods, including survey, excavation, and site documentation, ensuring accurate and ethical practices in the field.
PO3	**Artifact Analysis and Conservation**: Graduates will be skilled in analyzing and conserving artifacts, using appropriate techniques for materials such as ceramics, metals, and organic remains.
PO4	**Interdisciplinary Integration**: Students will integrate knowledge from related disciplines such as anthropology, geology, history, and environmental science to enhance archaeological research and interpretation.
PO5	**Research Design and Methodology**: Graduates will be able to design and conduct independent research projects, utilizing qualitative and quantitative methods to investigate archaeological questions.
PO6	**Data Interpretation**: Students will develop the ability to interpret complex archaeological data, including spatial analysis and the use of Geographic Information Systems (GIS) for archaeological mapping.
PO7	**Cultural Resource Management**: Graduates will understand the principles and practices of cultural resource management (CRM), including legal frameworks and ethical considerations in the preservation of archaeological sites.
PO8	**Critical Thinking and Problem Solving**: Students will enhance their critical thinking abilities by evaluating archaeological evidence and formulating hypotheses based on their findings.
PO9	**Effective Communication**: Graduates will be adept at communicating archaeological research findings through written reports, presentations, and public outreach, tailored for diverse audiences.
PO10	**Ethics and Professional Standards**: Students will understand the ethical responsibilities of archaeologists, including issues of cultural sensitivity, repatriation, and the impact of archaeology on communities.

Program Specific Outcomes (PSO)

PSO1	**Site Excavation and Documentation**: Graduates will demonstrate proficiency in archaeological excavation techniques and the systematic documentation of findings, ensuring accurate record-keeping and analysis.
PSO2	**Artifact Typology and Analysis**: Students will be skilled in the classification, typology, and analysis of artifacts, enabling them to draw insights about past human behavior and cultural practices..
PSO3	**Geoarchaeology Applications**: Graduates will utilize geoarchaeological methods to interpret the relationship between geological processes and archaeological sites, enhancing understanding of site formation and preservation.
PSO4	**Digital Archaeology Skills**: Graduates will be familiar with digital archaeology tools and methodologies, including data visualization, GIS, and digital archiving, to enhance research and presentation of findings.
PSO5	**Field and Laboratory Techniques**: Students will demonstrate competence in both field and laboratory techniques, including the use of modern technologies and tools for excavation, analysis, and conservation.

Course Outcomes (CO)

Course Outcomes for Sem-I, M.A. Archaeology	
Principals and Methods of Archaeology CCAR101	• Students will gain a foundational understanding of key archaeological theories and concepts • Students will develop skills in analyzing and interpreting archaeological sites • Learners will understand and apply best practices for safety and ethics in fieldwork
The Story of Indian Archaeology CCAR102	• Students will gain a comprehensive understanding of the history and development of archaeology in India • Students will understand the cultural chronology of India, including prehistoric, historic, and contemporary periods • Students will develop skills in analyzing artifacts from Indian archaeological sites, including pottery, tools, and inscriptions, to interpret cultural practices and technological advancements.
Prehistory of India CCAR103	• Students will learn about the archaeological methods and techniques used to study prehistoric sites • Learners will develop skills in analyzing prehistoric artifacts, such as stone tools, pottery, and ornaments, to interpret cultural practices • Learners will explore the significance of prehistoric cave art and other forms of symbolic expression, understanding their cultural and social implications.
Epigraphy and Palaeography ECAR101	• Graduates will develop skills in palaeography, enabling them to read and interpret historical scripts and texts from various periods and cultures. • Graduates will be adept at transcribing and translating inscriptions and manuscripts, ensuring accurate representation of original texts. • Students will learn about the preservation and conservation of epigraphic materials.
Numismatics ECAR102	• Students will gain a comprehensive understanding of numismatics • Learners will explore different coinage systems and their evolution over time, including the transition from barter systems to standardized currency. • Students will study the iconography and symbolism present on coins, interpreting the messages and values • Students will develop the ability to effectively communicate their findings related to numismatics
Course Outcomes for Sem-II, M.A. Archaeology	
Proto History of India CCAR204	• Graduates will be able to establish a chronological framework for the protohistoric periods, identifying key cultures, such as the Harappan Civilization and their contributions to Indian history. • students will analyze settlement patterns of protohistoric communities, exploring factors such as geography • Graduates will examine the interactions between protohistoric India and neighbouring regions • Students will understand the environmental factors that influenced

	protohistoric societies, including climate, landscape, and ecological changes.
Architecture, Sculpture and Iconography CCAR205	• Students will learn to analyze and interpret iconographic elements in architecture and sculpture • Students will understand the principles and practices of preservation and conservation of architectural and sculptural heritage • Students will gain insights into research methodologies specific to the study of architecture and sculpture
World Pre History CCAR206	• Students will understand the environmental factors that influenced prehistoric human behavior, including climate changes, flora, and fauna, and their impact on migration and settlement patterns. • gain practical experience in fieldwork techniques relevant to prehistoric archaeology • Develop the ability to effectively communicate their research and findings related to world prehistory through written reports, presentations, and public engagement.
The Archaeology of South Asia ECAR203	• Gain a comprehensive understanding of the historical and cultural contexts of South Asia • Establish a chronological framework for the archaeological periods in South Asia • Students will identify and describe notable archaeological sites in South Asia, such as Harappa, Mohenjo-Daro, and sites from the Mauryan and Gupta periods, assessing their contributions to understanding regional history. • analyzing artifacts from South Asian archaeological sites, including pottery, tools, and inscriptions, to draw conclusions about technological and cultural development.
Political and Cultural History of India from Vedic to 12th Century AD ECAR204	• Graduates will critically assess colonial interpretations of Indian history and their lasting impact on contemporary understandings of the past. • Students will develop the ability to effectively communicate their analyses and findings related to the political and cultural history of India • Appreciate the regional diversity in political and cultural practices across India during this period, recognizing how geography influenced local governance and cultural expressions.
Course Outcomes for Sem-III, M.A. Archaeology	
Ethno-archaeology and Experimental archaeology CCAR307	• Learners will enhance their critical thinking and problem-solving skills by evaluating the results of experimental studies • Understand the importance of cultural context in archaeological interpretation, recognizing the diversity of human experiences across different societies. • familiar with ethical considerations in conducting ethno-archaeological research and experimental archaeology • Students will be able to reconstruct past technologies and practices through hands-on experimentation, such as tool-making, pottery production, and food preparation.

Bio-anthropology and Bio-archaeology CCAR308	• Demonstrate an understanding of the key concepts, theories, and methods in bio-anthropology and bio-archaeology • Evaluate and interpret bio-anthropological and bio-archaeological data, using both qualitative and quantitative methods • Integrate concepts from anthropology, biology, archaeology, and related disciplines to address complex questions about past human populations. • Recognize and respect the cultural significance of human remains and archaeological sites, and understand their implications for contemporary society.
Environmental archaeology CCAR309	• Analyze archaeological data using environmental indicators (e.g., pollen, faunal remains, and phytoliths) to reconstruct past ecosystems and human-environment interactions. • Integrate knowledge from archaeology, ecology, geology, and anthropology to address complex questions about human adaptation and environmental change. • Critically evaluate existing research and case studies in environmental archaeology, assessing methodologies, interpretations, and implications for understanding past societies.
Exploration of human diversity ECAR305	• Analyze and articulate the biological, cultural, and social factors that contribute to human diversity, including genetic, environmental, and historical influences. • Evaluate theories and perspectives related to human diversity, including issues of race, ethnicity, gender, and class, while identifying biases and assumptions in various narratives. • Integrate concepts from anthropology, sociology, psychology, and biology to create a holistic understanding of what constitutes human diversity.
Bronze age civilization: Mesopotamia, Egypt, China ECAR306	• Evaluate the impact of geography, environment, and resources on the development and sustainability of Bronze Age societies in Mesopotamia, Egypt, and China. • Critically assess the legacy of Bronze Age civilizations and their contributions to contemporary society, including influences on art, writing, law, and urbanization. • The major cultural, political, and economic developments in Mesopotamia, Egypt, and China during the Bronze Age, including key events and figures.
Course Outcomes for Sem-IV, M.A. Archaeology	
Greater India and Religion CCAR410	• Analyze the key beliefs, rituals, and practices associated with various religions in Greater India, exploring how they shape cultural identities and community life. • Assess the role of religion in shaping social structures, gender roles, and political dynamics in Greater Indian societies throughout history. • Evaluate the interactions and influences between different religious traditions within Greater India, including syncretism, conflict, and coexistence.
Ancient Cities	• Knowledge of the major characteristics, urban planning, and architectural features of key Indus Valley cities such as Mohenjo-

of Indus Valley Civilization in India CCAR411	Daro and Harappa. • Apply archaeological methods and techniques to analyze artifacts, structures, and urban layouts, interpreting their significance within the context of the Indus Valley Civilization. • Evaluate the religious and cultural aspects of the Indus Valley Civilization, including iconography, rituals, and the role of writing.
Monuments of India and Antiquarian Laws of India CCAR412	• knowledge of significant monuments in India, including their historical, architectural, and cultural importance, as well as their role in reflecting India's diverse heritage. • Develop skills to advocate for the importance of preserving cultural heritage, including engaging with communities, policymakers • Assess the historical contexts in which major monuments were constructed, exploring the political, social, and economic factors that influenced their development
Historical Archaeology and Monuments of Gujarat Project ECAR407	• historical and cultural significance of key archaeological sites and monuments in Gujarat, including their contributions to regional and national history. • Apply historical archaeology methods to analyze artifacts, structures, and material culture found at various sites • impact of colonialism and post-colonial developments on the archaeological record and preservation of monuments in Gujarat. • Integrate perspectives from history, archaeology, and cultural studies to critically analyze the relationship between Gujarat's monuments and the social, economic, and political dynamics of different historical periods.
Dissertation ECAR408	• The purpose of this exercise is to become familiar with research methods, computer application, literacy and the presentation skills. Moreover, to think about how to approach, communicate and assess archaeology and archaeological problems from various viewpoints. • The student has the freedom to select any research problem related to archaeology; they can also work for their dissertation in the department or research institutes or industry with prior communication and approval from both the side.

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Details of PO, PSO, & CO

M.A. Economics

Program Outcomes (PO)

PO1	This course analyses the economics behavior of individuals, firms and markets.
PO2	Macroeconomics or aggregative economics analyses have gret importance in the days of new economic reforms.
PO3	This course is essential for a student who aspires for management of a firm or company or any enterprises.
PO4	In the contemporary world with globalization and liberalization more and more attention is being given to industry.
PO5	The objective of familiarize student with policy issue that are relevant to Indian agricultural economics sand enable them to analyse the issues.
PO6	There is specific role of the state in economics development .
PO7	The objective of this paper at the post - graduate level would be to sharpen the analytical ability of the student by highlighting, and integrated approach to the functioning aspects of the Indian economy.
PO8	This course deals with the micro and macro theories of distribution and welfare economics.
PO9	Macroeconomics or aggregative economics analysis establishes the functional relationship between the large aggregates.
PO10	The objective of the course is to provide the student with a background of environment factors that have major repercussions on business and sharpen their mind to watch and update the changes that occur constantly in this sphere.
PO11	This paper aims at application of economics theories for industrial development.
PO12	the objective of this course is to provide a detailed treatment of issues in agricultural economics to those who intend to specialize in agricultural economics.
PO13	Role and functions of the government in an economy have been changing with passage of time.
PO14	The objective of this paper at the post - graduate level would be to sharpen the analytical of the student and functioning of Indian economy with various policies with alternative approaches for further growth.
PO15	International trade acts as an engine of growth.
PO16	This course in meant to acquaint student with the basic theories of environment economics so that they can develop and use appropriate theoretical frame to analyse and understand important environmental issues.
PO17	Economics development is a process under which economics go for several changes.
PO18	Labour sector is very vest and wide.
PO19	It is necessary to know costing and price of infrastructure services for students of economics.
PO20	Statistics has found its application in economics forecasting.
PO21	This course is designed to provide introductory understanding of theory and application mathematics in economics.
PO22	This course is designed to provide introductory understanding of theory and application of research in economics.

PO23	International trade acts as an engine of growth.
PO24	The main objective of this course is to appraise and sensitive student about major environment issues of India and develop skill to analyse them with the help of appropriate theoretical frames.
PO25	Post war period has witnessed emergence of '"growth economics" .
PO26	In labour economics we can explain various economics labour problems with the help of labour theories.
PO27	This course highlights basic problem of infrastructural development.
PO28	Mathematics has found its applications in economics in the form of model building for planning and development.
PO29	Mathematics has found its applications in economics in the form of model building for planning and development.
PO30	DISSERTATION

Course Outcomes

Course Outcomes for Sem-1, M.A. Economics	
Micro Economics CCEC 101	Explain what economics is and explain why it is important. Explain how economists use economic models. Use mathematics in common economic applications. Use graphs in common economic applications.
Macro Economics CCEC 102	Macro Economics paper provides theoretical foundation of some advanced issues and policies. The paper attempts to discuss the functional relationships between economic aggregates. It helps understand the overall structure of the economy in a theoretical perspective at higher level.
Managerial Economics Theory 1 CCEC 103	Apply economic principles to management decisions. Understand the Nature, Scope and Significance of Managerial Economics, its Relationship with other Disciplines. Understand the Role of Managerial Economics in Decision Making.. Understand the cardinal and ordinal approach of consumer behavior.
Industrial Economics ECEC 101A	The positive characteristics of industrialization include economic growth, a more efficient division of labor, and a growth spurt in technological innovation.
Agricultural Economics ECEC101B	Agricultural economics is an applied social science that deals with how producers, consumers, and societies use scarce resources in the production, marketing, and consumption of food and fiber products. In agricultural markets, the forces of supply and demand are at work.
Public Economics ECEC102 A	In macro we study economic events at the national (aggregate) level. These two branches of economics are closely intertwined, yet distinct—they address different questions. The goal of public economics or public finance is to understand the proper role of the government in the economy.
Course Outcomes for Sem-2, M.A. Economics	
Micro Economics CCEC204	It considers the operation of a market economy and the problem of how best to allocate society's scarce resources. The course considers the way in which various decision making units in the economy (individuals and firms) make their consumption and production decisions and how these decisions are coordinated.
Macro Economics CCEC205	Explain what economics is and explain why it is important. Explain how economists use economic models. Use mathematics in common economic applications. Use graphs in common economic applications.
Managerial Economics Theory 2 CCEC206	How to estimate demand and furcating of demand in the markets. Managerial uses of Production Function, Short Run and Long Run Production Analysis. Understand the concepts of producer equilibrium and least cost combination used by producers. Able to analyze the concept of price and non-price competition used by

	the sellers.
Industrial Economics ECEC203A	The following are the important objectives of industrial economics: to achieve the assigned target for the development of industries. to provide information about sources of nature, climate for the industrial growth, supplies for production etc.
Agricultural Economics ECEC203B	Agricultural economics includes the choice of farming as an occupation, the choice between cultivator and animal husbandry, machinery and labour; combination of various factors of production, intensity of cultivation, irrigation, manure, marketing, soil conservation, land revenues system, costs.
Public Economics ECEC204A	It will help in understanding and analyzing the impact of public policy on the allocation. Of resources and the distribution of income in the economy and also analysis of public expenditures, taxation, budgetary procedures, stabilization instruments, debt issues.
Contemporary Issues In Indian Economy ECEC204B	Contemporary Issues in Indian Economy shall provide basic knowledge on national income accountings, various issues involved in agricultural, industrial, financial, trade sectors, public institutions and finally human resources development.
Course Outcomes for Sem-3, M.A. Economics	
International Economics -1 CCEC307	Explain Models Of Supply And Demand Within The Context Of International Trade Theory Analysis Explain Theory of International Trade with Theory of Absolute and Comparative Advantages. Explain Theory of International Trade with Models of Supply and Demand. Explain Factor Endowments (Heckscher-Ohlin) Theory.
Environment Economics: Theories- 1 CCEC308	Course is to provide students with a basic understanding of the cost of environmental growth and environmental degradation, sustainable policy approach to check environmental degradation, sustainable development approaches, green accounting, methods of environmental valuation, Environmental concerns.
Theories Of Economics Devlopment -1 CCEC309	Economic development results in higher levels of education, greater employment opportunities, and higher income levels. Communities are strengthened with economic development because increasing numbers of jobs result in higher income levels.
Labour Economics -1 ECEC305A	Labour market outcomes describe the performance of the labour market, specifically the general level of wages and employment and where people are working and if this is a fair distribution.
Economics Of Infrastructure – 1 ECEC305B	Infrastructure projects contribute to economic growth and societal development, driving long-term appreciation in asset value. As the population grows, the demand for infrastructure assets is expected to increase, offering significant growth potential for investors.
Basic Statistics For	Defining the type and quantity of data need to be collected.

Economics - 1 ECEC306A	Organizing and summarizing the data. Analyzing the data and drawing conclusions from it.
Quantative Methods In Economics ECEC306B	Economic outcomes refer to the financial results or impacts, such as cost savings or revenue generation, that arise from a particular activity or intervention.
Reserch Methodology In Economics ECEC306C	Research methodology deals with general approaches or guidelines to conducting research. It provides the principles for organizing, planning, designing,
Course Outcomes for Sem-4, M.A. Economics	
International Economics -2 CCEC410	Establishes the relationship between foreign trade theory and economic development. Explain traditional purposes of tariffs. Explain customs taxes, and non tariff restrictions. Analyze foreign economics policy.
Environment Economics: Theories- 2 CCEC411	Environmental economics helps us understand the true value of natural resources: One of the key contributions of environmental economics is that it helps us understand the economic value of natural resources, such as forests, waterways, and wildlife.
Theories Of Economics Growth CCEC412	Classical growth theories focus on capital accumulation and population growth as drivers. Neoclassical theory emphasizes technological progress and physical capital for growth. New growth theory highlights innovation, knowledge, and technology as growth catalysts.
Labour Economics Issues And Policies –2 ECEC407A	Labour productivity is defined as output per worker or per hour worked. Factors that can affect labour productivity include workers' skills, technological change, management practices and changes in other inputs (such as capital). Multifactor productivity (MFP) is defined as output per unit of combined inputs.
Economics Of Infrastructure – 2 ECEC407B	Infrastructure can support sustained and inclusive economic growth that can drive progress, create decent jobs for all, and improve living standards. Infrastructure that supports the transition to net zero emissions of carbon dioxide.
Basic Mathematics For Economcs -2 ECEC408A	Use appropriate techniques to solve problems with calculus and linear algebra. Use Mat lab at an introductory level. Model economic questions as mathematical problems.
Research Methodology In Economics ECEC408B	Education in which an emphasis is placed on a clearly articulated idea of what students are expected to know and be able to do, that is, what skills and knowledge they need to have, when they leave the school system.
ECEC408C	DISSERTATION

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M A (English)

Program Outcomes (PO)

PO1	Students will learn the art of close reading. They will learn how cultural, social, political, and philosophical contexts shape poetic expression
PO2	The students will get motivated to do research on the historical context of the plays prescribed in their syllabus. They will learn the basics of performance and how to enact plays.
PO3	Students will get a better understanding of novel as an art form. They will be able to compare novels which use almost the same structure and narrative pattern.
PO4	The students will gain a better understanding of Indian literature. They will feel encouraged to take up translation as a creative activity.
PO5	The students will gain a better understanding of language as a system. It will help them become better language teachers in future.
PO6	The students will get to know the relevance of classics in today's times. They will gain an insight into how drama has evolved and influenced society and thus the paper will enhance their understanding of the past and its impact on the present.
PO7	The paper will provide them a strong foundation for higher studies in linguistics, literature and cultural studies. This course will make them better language teachers.
PO8	Students will learn the art of close reading They will learn how cultural, social, political, and philosophical contexts shape poetic expression.
PO9	The paper will encourage a habit of critical inquiry. The paper will make them better readers of literature by exposing them to various interpretative strategies.
PO10	This paper will enable students to see how 19th century Indian writers address the issues of identity, nationalism and colonialism. Students will learn how 19th century writers draw their themes from Indian cultural heritage to critique the forces of colonialism.
PO11	The students will gain a better understanding of Indian literature. They will feel encouraged to take up translation as a creative activity.
PO12	Students will be able to understand and apply various assessment techniques to evaluate learners' language proficiency and progress. They will acquire skills in designing and evaluating English language curricula, integrating contemporary teaching materials and technologies.
PO13	The paper will encourage them to explore world literature. It will strengthen their written and oral communication skills through discussions, presentations, and writing assignments focused on dramatic texts.
PO14	The course will enable students to cultivate an appreciation of the diversity and richness of English literary tradition, spanning centuries. They will be able to explore interdisciplinary connections between literature and other arts, philosophy, politics, and history and thus gain a holistic understanding of literary texts.
PO15	The course will enable students to evaluate the contribution of these novelists in British literary canon It will encourage them to undertake research in fiction.
PO16	The course will encourage students to pursue research in this area.

	It will familiarize them with the contributions of individual authors in forming the canon of Indian writing in English.
PO17	The course will enhance the students' reading, acting, interpretive and communication skills It will encourage them to pursue research in this area.
PO18	The paper will not only encourage them to contextualize these texts but it will also encourage them to undertake research in this area. The paper will offer students a global perspective and enable them to see how Indian diaspora writers have contributed and transformed the literary scene across the world.
PO19	Students will be able to understand how gender intersects with race, class, caste and other identities. It will help them understand the place of women's writing within the broader context of world literature.
PO20	The students will not only learn how to read, interpret and analyze Shakespearean plays but they will also gain a good understanding of stagecraft The paper will encourage them to explore news areas of research in Shakespearean drama.
PO21	As non-fictional prose addresses real-life issues, a perusal of the prescribed texts will encourage a deeper understanding of the world. It will improve the verbal and written communication skills of the students.
PO22	This course will improve students' interdisciplinary understanding as literary theory draws upon ideas taken from various fields of knowledge. It will boost their aptitude for research.
PO23	The paper will enable them to appreciate the significance of postcolonial Indian literature within the broader context of world literature. It will encourage them to take up postcolonial Indian fiction for research.
PO24	Students will acquire an understanding of American history and society across different periods, connecting literary works with broader historical events, social movements, and cultural shifts. It will encourage them to undertake research on American writers.
PO25	The students will learn to appreciate diversity of voices, languages and narrative styles in Partition literature. It will encourage them to see how contemporary writers revisit the tragedy that took place in 1947.
PO26	The paper will foster empathy and the students will be able to relate subjugation of African Americans with exploitation of women and other marginalized groups. It will enable students to see how this literature has impacted the discourse on race, identity, and human rights worldwide.
PO27	The students will not only become aware of the thematic richness and technical innovation of his poems and plays but will also become aware of how he gave a new direction to modern Anglo-American literature. The students will gain an understanding of his key critical ideas and how he uses them in his own poems and plays.
PO28	The course will encourage a multidisciplinary approach to understand postcolonial literary texts. They will understand the need to expand the canon to include more marginal voices.

Program Specific Outcomes (PSO)

PSO1	Students will gain a better understanding of poetry as a genre and learn how to do comparative study of poems.
PSO2	The students will learn how drama as an art form reflects and shapes human experience and how it can be used as a medium of social change.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. A. English	
English Poetry-I (From Elizabethan Age to Romanticism) CCEN 101	After completion of this course: • Students will gain a better understanding of poetry as a genre and learn how to do comparative study of poems.
English Drama-I (Shakespeare to Sheridan) CCEN 102	After completion of this course: • The students will learn how drama as an art form reflects and shapes human experience and how it can be used as a medium of social change.
English Novel-I (Defoe to Dickens) CCEN 103	After completion of this course, student get: • Exposure to a wide range of narrative styles and storytelling techniques will inspire them to take up creative writing and encourage them to experiment with narratives styles of their choice.
Indian Literature in English Translation-I ECEN 101 A	After completion of this course, student will: • Develop their understanding of comparative literature and encourage them to compare themes and techniques in various texts written in different Indian languages.
Language and Linguistics ECEN 101 B	After completion of this course, student will: • Acquire the insights into process of language acquisition which is useful for language teaching and language therapy.
Classical Drama ECEN 102 A	Reading these plays from two different cultures will broaden students' perspectives, fostering a global outlook and appreciation for different literary traditions.
History of English Language ECEN 102 B	After completion of this course, student will: • Gain a historical context for teaching English grammar and vocabulary.
Course Outcomes for Sem-2, M. A. English	
English Poetry-II (Victorians, Moderns and Beyond) CCEN 204	After completion of this course, student will : • acquire interdisciplinary insights by exploring the intersections between poetry, history, philosophy, and other arts.
Understanding Criticism CCEN 205	After completion of this course: • A perusal of various critical texts will make the students objective, neutral, and open-minded in their approach to criticism.

Indian Writing in English (Pre-Independence) CCEN 206	After completion of this course: • Student will facilitate deeper understanding of Indian culture and they will be encouraged to do research on 19th century Indian English writing.
Indian Literature in English Translation II ECEN 203 A	After completion of this course, student will • develop their understanding of comparative literature and encourage them to compare themes and techniques in various texts written in different Indian languages.
English Language Teaching ECEN 203 B	This course, will • Open up diverse career opportunities in education, both domestically and internationally, including teaching in schools, colleges, universities, language institutes, and corporate training.
World Drama ECEN 204 A	After completion of this course, student will : • Feel motivated to engage with larger ethical and moral questions after reading these dramatic texts.
History of English Literature ECEN 204 B	The paper will enhance cultural and historical awareness since literature is a reflection of societal values, beliefs and experiences across different time periods.
Course Outcomes for Sem-3, M. A. English	
English Novel II (From Hardy to Golding) CCEN 307	The course will enable students to connect fictional texts with other disciplines like psychology, philosophy and history.
Indian Writing in English (Post-Independence) CCEN 308	After completion of this course: • The students will gain a better understanding of the country's cultural diversity as they will be exposed to a multiplicity of voices and perspectives from different regions, cultures, and communities within India.
English Drama II (Shaw to Pinter) CCEN 309	This Course will enable students to explore their latent artistic potential both in literary and performing arts.
The Novel of Indian Diaspora ECEN 305 A	The course will encourage them to adopt an interdisciplinary approach in evaluation of literature as diasporic texts cannot be understood properly without any reference to history, social science and cultural studies.
Women's Writing ECEN 305 B	The course will make students sensitive to gender issues and encourage them to advocate gender equality and social justice both in and outside the classrooms.
Shakespeare as Special Author	Reading of Shakespeare's plays will offer students a good idea about his influence on literature, art, and

ECEN 306 A	popular culture and thus it will enhance their cultural literacy.
Non-Fictional Prose ECEN 306 B	After completion of this course, student will : • The students will be able to learn how writing can bring about social change.
Course Outcomes for Sem-4, M. A. English	
Modern Criticism and Theory CCEN 410	The reading of the prescribed texts will enable them to understand cultural studies in a better way.
Postcolonial Indian Novel CCEN 411	The course will provide them a nuanced understanding of such concepts as identity, selfhood, history and nation.
American Literature CCEN 412	The paper will improve students' understanding of American literature within the broader context of world literature.
Partition Literature ECEN 407 A	A perusal of the prescribed texts will automatically generate their interest in representation of the tragedy of partition in films, plays, and graphic novels.
Afro-American Literature ECEN 407 B	The paper prepares students for advanced studies in literature, cultural studies, history, and related areas.
Eliot As Special Author ECEN 408-A	The course will encourage students to explore more on how Eliot has influenced writers in various Indian languages.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. A. Gujarati

Program Outcomes (PO)

PO1	Critical Analysis : Students will explore modern Gujarati literary movements, understanding how authors address contemporary issues while innovating traditional forms and styles within literature.
PO2	Modern Gujarati Literature : Graduates will develop critical thinking skills to evaluate and interpret Gujarati literature, assessing its cultural, political, and social relevance in contemporary contexts.
PO3	Linguistic Study : Graduates will analyze the linguistic evolution of Gujarati, studying dialects, grammar, and phonetics, enabling deeper insight into literature's historical and cultural significance
PO4	Religious Creators : Students will explore the contributions of religious writers, understanding how their works reflect spiritual, ethical, and cultural values in shaping Gujarati literary tradition.
PO5	Magazines of Gujarati Literature : Graduates will study the role of literary magazines in promoting contemporary Gujarati writers, analyzing their impact on literature's reach and preservation of regional narratives.
PO6	Feminism in Gujarati Literature : Students will explore feminist themes in Gujarati literature, critically examining women's representation, challenges, and empowerment in traditional and contemporary texts.
PO7	Folk Traditions : Graduates will explore how Gujarati folk literature preserves cultural values, analyzing its storytelling techniques and contribution to the region's literary identity.
PO8	Translation Studies : Students will study translation's role in expanding Gujarati literature's reach, analyzing how cross-cultural adaptations influence both original texts and their interpretations.
PO9	Lifelong learning: Lifelong learning in Gujarati literature equips graduates with the skills to independently explore, analyze, and engage with evolving literary trends, fostering continuous intellectual and cultural growth.
PO10	Ethics: students of Gujarati literature will practice ethical principles, demonstrating a commitment to professional integrity, cultural respect, and maintaining high standards in literary research and interpretation.

Program Specific Outcomes (PSO)

PSO1	Students will be able to use Gujarati literature to understand the value of life, the beauty of nature and the essence of life
PSO2	Graduates of Gujarati literature will develop advanced skills in analyzing traditional and modern texts, utilizing interpretive tools to explore linguistic and cultural nuances, fostering a deep understanding of Gujarati heritage while contributing to the evolution of the literature.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. A. Gujarati	
Grandhakar : Manubhai Pancholi 'DARSHAK' CCGJ101	After completion of this course, student will find ease to: • Life Skill
Bhartiya Sahitya Mimansa CCGJ102	After completion of this course, student will find ease to: • Understand the Indian Criticism
Kutchhna Sarjakonu Gujarati Sahitya CCGJ103	After completion of this course, student will find ease to: • knowing religious creators
Madhyakalin Gujarati Sahityik Krutiono Abhyas CCGJ101A	After completion of this course, student will find ease to: • use medieval forms in a new way and able to re-create new forms
Arvachin Gujarati Sahitya Krutiono Abhyas CCGJ101B	After completion of this course, student will find ease to: • knowing modern literature
Bhasha Kaushal CCGJ102A	After completion of this course, student will find ease to: • Writing Skill of Language
Apathit CCGJ102B	After completion of this course, student will find ease to: • Writing Skill of Language
Course Outcomes for Sem-2, M. A. Gujarati	
Granthkar : Raghuvir Chaudhari CCGJ204	After completion of this course, student will find ease to: • Life Skill
Bharatiya Sahitya Mimansa CCGJ205	After completion of this course, student will find ease to: • Understand the Indian Criticism
Sahitya Swarupno Abhyas : ATMAKATHA CCGJ206	After completion of this course, student will be able to • understand the literary form 'atmakatha'
Gujarati Hasyasahitya ECGJ203A	After completion of this course, student will be able to • live life joyful with literature

Gujarati Pravas Sahitya ECGJ203B	After completion of this course, student will be able to • Get information about tourist literature
Loksahitya ECGJ204A	After completion of this course, student will be able to • Recreate folk style, contents, and the art of presentation in new literature.
Santsahitya ECGJ204B	After completion of this course, student will be able to • Respect for Saints literature
Course Outcomes for Sem-3, M. A. Gujarati	
Paschatya Sahitya Mimansa CCGJ307	After completion of this course, student will be able to • Understand the western Criticism
Bhashavigyan CCGJ308	After completion of this course, student will be able to • variations of Gujarati language
Adhunik Gujarati Sahitya CCGJ309	After completion of this course, student will be able to • knowing morden forms in literature
Sarjakono Abhyas Dayaram ECGJ305A	After completion of this course, student will be able to • understand the literary form 'garabi'
Sarjakono Abhyas : SHAMAL ECGJ305B	After completion of this course, student will be able to • understand the literary form 'padyavarta'
Gujarati Vivechan Sahitya ECGJ306A	After completion of this course, student will be able to • learning the broad view of literature
Gujaratima Koshkarya ECGJ306B	After completion of this course, student will be able to • learning the new vocabulary and process of vocabulary
Course Outcomes for Sem-4, M. A. Gujarati	
Paschatya Sahitya Mimansa CCGJ410	After completion of this course, student will be able to • Understand the western Criticism
Bhashavigyan CCGJ411	After completion of this course, student will be able to • **use its knowledge in the field of teaching**
Bhartiyata Ane Vishvasahitya Krutiono Abhyas CCGJ412	After completion of this course, student will be able to • Find out new approaches to evaluation.
Swatantratoryugnu Sahitya Pradan ECGJ407A	After completion of this course, student will be able to • Compare the poetics of point of view.
Tulnatmak Sahitya	After completion of this course, student will be able to

ECGJ407B	• **Compare the poetics of point of view.**
Gujaratma Sahityik Samyiknu Pradan (Sudharakyug Thi Gandhiyug ECGJ408A	After completion of this course, student will be able to • Information about the situation at that time
Gujarati Sahityik Sansthao ECGJ408B	After completion of this course, student will be able to • The value of dedication to language

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Details of PO, PSO, & CO

M.A. History

Program Outcomes (PO)

PO1	Morality, Love, Foresight.
PO2	Truthfulness, Tolerance, Objectivity, Compassion, Kindness.
PO3	Social Equality, Constructive Criticism.
PO4	Patience, Curiosity, Patriotism, Selflessness.
PO5	Non – Violence, Women's Equality , Transparency

Program Specific Outcomes (PSO)

PSO1	Patriotism, Morality.
PSO2	Constructive Criticism, Truthfulness.

Course Outcomes (CO)

Course Outcomes for Sem-1, M.A. History.	
Philosophy Of History And Historiography (CCHS101)	The Purpose Of This Paper Is To Develop Students' Understanding Of The Meaning, Definition And Terminology Of History And To Acquaint Them With Various Methods Of History Writing And Accomplished Historians.
State In India (Up To 1707 A.D.) (CCHS102)	The Purpose Of This Paper Is To Acquaint The Students With The Administrative System Of The Major Dynasties Of Ancient India And Medieval India And To Develop A Rapport With The Present Administrative System.
20th Century World (CCHS103)	The Objective Of This Paper Is To Acquaint Students With The Causes - Consequences Of World War I And World War II And Its Impact On The World.
History Of India [1757-1857] (ECHS101)	The Purpose Of This Paper Is For Students To Gain An Understanding Of How The British East India Company Changed From A Trading Firm To A Ruler And Ruled India Through Imperialist Policies.
History Of Kachchh (1752-1819) (ECHS102)	The Purpose Of This Paper Is To Acquaint The Students With The Regional History Of Kutch.
Course Outcomes for Sem-2, M.A. History	
Historiography (CCHS204)	The Aim Of This Paper Is To Give Students An Understanding Of How History Writing Is Done And How Research Is Done. Also, Understanding Of Primary And Secondary Level Instruments Is Also To Be Given.
History Of India [1858-1920] (CCHS205)	The Purpose Of This Paper Is To Understand The Policy Adopted By The Government During The Crown Rule After The Rebellion Of 1858 And The Resulting Peasant Agitations, Tribal Agitations Etc. In India.
Contemporary World (CCHS206)	The Objective Of This Paper Is To Enable Students To Experience The Events That Occurred After World War II Such As The Founding Of The United Nations, The Chinese Revolution, The Cold War, The U. S. S. R. The Disintegration Of And The Adoption By Third Nations Of The Non-Aligned Movement Is To Give Insight.

History Of India (ECHS203)	The Purpose Of This Paper Is To Understand The Various Movements In The Form Of Satyagraha As Per The Ideology Of Mahatma Gandhi.
History Of Kachchh (1819-1947) (ECHS204)	The Purpose Of This Paper Is To Acquaint The Students With The Local History Of Kutch And The Public Welfare Works Done By The Royals Of The Jadeja Dynasty Of Kutch.
Course Outcomes for Sem-3, M.A. History	
Social Change In Gujarat In The 19th & 20th Century – I (CCHS307)	The Purpose Of Inclusion Of This Paper In The Syllabus Is To Develop An Understanding Of The Social Changes And Reforms That Took Place In Gujarat In The 19th And 20th Centuries. Also To Give A General Introduction To Important Social Reformers.
History Of Constitutional Development In Modern India-I (CCHS308)	The Purpose Of This Paper Is To Develop The Students' Understanding Of The Development Of The Indian Constitution And To Acquaint The Students With The Various Acts Brought By The Government During The Company's Rule And During The Crown's Rule.
Economic History Of Colonial India-I (1850 A.D. To 1947 A.D.) (CCHS309)	The Objective Of Including This Paper In The Syllabus Is To Make The Students Understand The State Of Indian Economy Under The Rule Of The Taj And To Make Them Aware Of The Impact Of Various Policies Adopted By The Government On The Indian Economy.
Modern Indian Political Thoughts & Prominent Thinkers (ECHS305)	The Purpose Of This Paper Is To Give Students A General Introduction To Pre-Independence Indian Politics And To Give A General Introduction To Leading Politicians And Social Reforms.
History And Tourism (ECHS306)	This Paper Was Introduced Into The Curriculum To Familiarize Students With The Understanding Of History And Tourism And The Relationship Between History And Tourism.
Course Outcomes for Sem-4, M.A. History	
Social Change in Gujarat in the 19th & 20th Century – II	The Purpose Of Including This Paper In The Syllabus Is To Acquaint The Students With The Social Changes And Reforms That Took Place In Gujarat In The 19th And 20th Centuries. Also, Various Social Reformers Who Follow The Gandhian Philosophy

(CCHS410)	Of Gujarat Are To Be Informed.
History of Constitutional Development in Modern India-II (CCHS411)	This Paper Should Be Included In The Curriculum To Familiarize The Students With The Meaning, Definition And Terminology Of The Constitution And To Familiarize Them With The Constituent Parts Of The Parliament, Lok Sabha, Rajya Sabha, President, Prime Minister, Council Of Ministers, Etc.
Economic History Of Colonial India-II (1850 A.D. To 1947 A.D.) (CCHS412)	The Objective Of This Paper Is For The Students To Develop An Understanding Of The Indian Economy During The British Rule, And To Acquaint The Students With The Indian Perspective And The Foreign Historians' Perspective As To Who Was Responsible For The Condition Of The Indian Economy During The British Rule. Also To Give A General Introduction To The Indian Industrialists Who Came Forward During The British Rule.
Women In Indian History (ECHS407)	The Objective Of Including This Paper In The Syllabus Is To Make The Students Aware Of The Contribution Made By Women In Indian History And The Important Works They Have Done. Also To Get An Introduction To Important Organizations Working For Women Empowerment.
Project (ECHS408)	To Develop Research Understanding Among Students To Develop Curiosity Among Students

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.A. Psychology

Program Outcomes (PO)

PO1	Possess knowledge of scientific subjects and challenges
PO2	**Advanced knowledge base in Psychology**: Students acquire knowledge of key concepts, theories and findings in three broadly defined areas of psychology: Applied and Evaluative Psychology, Social, Cognitive & Developmental Psychology, and Biopsychology & Comparative Psychology.
PO3	**Scientific inquiry and critical thinking**: Students learn to reason scientifically, interpret and use statistics, and critically assess and conduct psychological research.
PO4	**Ethical inquiry & practice**: Students learn to apply ethical standards in conducting, evaluating, and applying psychological research and clinical psychology.
PO5	**Scientific communication**: Students learn to write scientific papers in the format specified by the American Psychological Association, how to write a MA thesis based on original empirical research, and how to present their research at conferences.
PO6	Articulate how one's own biases and social relationships and assumptions affect one's ability Describe dimensions of own identity, how they may intersect, and how they influence interaction Demonstrate understanding and limits of one's role.
PO7	**Exercise values that reflect commitment to diversity**; Describe how culture and context and developmental processes shape behaviors, ways of thinking, and expression of emotion Anticipate the impact of within-group differences and multiple intersecting identities on interaction Interact effectively and sensitively with diverse others Recognize and acknowledge how discrimination and oppression may adversely influence interaction.
PO8	**Exhibit continuous selfreflection and self-regulation in the context of professional work** ; Continuously and accurately self-assess performance quality in professional settings Accept and use feedback in a constructive manner to improve performance Accurately identify gaps in own knowledge and abilities and work to improve them Identify impact of their professional role on their own health and well-being.
PO9	Lifelong learning: Understand the need of, and be equipped with the skills necessary to participate in autonomous, lifelong learning within the most expansive framework of psychological development.

Program Specific Outcomes (PSO)

PSO1	Students will be able how to study behaviour and analyse and identify problems that affect human and society.
PSO2	Graduates will gain skills in communication, problem-solving, research skills, observation, and math and interpersonal skills like empathy and trustworthiness.

Course Outcomes (CO)

Course Outcomes for Sem-1, M.A. Psychology	
Research methodology-I CCPS– 101	After completion of this course, student will find ease to: • Gain mastery in systematic procedures used to observe, describe, predict, and explain behaviour and mental processes. • Include experiments, surveys, case studies, and naturalistic observations, ensuring data collection is objective and reliable to understand and explain psychological phenomena.
Developmental social psychology-I CCPS102	After completion of this course, student will be able to: • Understand the physical, cognitive, emotional, and social changes that happen as people age. Psychologists strive to understand and explain how and why people change throughout life.
Psychology of emotion- CCPS103	After completion of this course, student will be able to • Identify a complex state of feeling that results in physical and psychological changes that influence thought and behaviour, such feelings include physiological arousal, conscious experiences, and behavioral expressions. • Understand the range of psychological phenomena, including temperament, personality, mood, and motivation.
Practical ECPS101A	After completion of this course, student will be able to • Understand theoretical components like causal predictions and hypothesis testing. • Understand uncover evidence-based steps people can take to address real-world problems, specifying the people and conditions to which the findings apply.
Juvenile Delinquency ECPS102B	After completion of this course, student will be able to • Know who is juvenile delinquent • How to develop crime in children's • How to prevent crime • Types of crime in juvenile.
Course Outcomes for Sem-2, M.A. Psychology	
Behaviour modification ECPS204	After completion of this course, student will find ease to: • Eliminate or reduce maladaptive behavior in children or adults. • Learn some therapies that focuses on changing thought processes, behaviour, learning, cognition etc.
Research methodology II CCPS204	After completion of this course, student will find ease to: • Gain mastery in systematic procedures used to observe, describe, predict, and explain behavior and mental processes. • Include experiments, surveys, case studies, and

	naturalistic observations, ensuring data collection is objective and reliable to understand and explain psychological phenomena.
Developmental social psychology II CCPS205	After completion of this course, student will be able to: • Understand the physical, cognitive, emotional, and social changes that happen as people age. Psychologists strive to understand and explain how and why people change throughout life.
Psychology of emotion II CCPS206	After completion of this course, student will be able to • Identify a complex state of feeling that results in physical and psychological changes that influence thought and behaviour, such feelings include physiological arousal, conscious experiences, and behavioral expressions. • Understand the range of psychological phenomena, including temperament, personality, mood, and motivation.
Practical (Inventory) ECPS203A	After completion of these course, students will be able to • Assess attitudes, characteristics, and other personality traits.
Psychology of social issue II ECPS203B	After completion of these course, students will be able to • Create effective solutions by providing a better understanding of social issues. •Learn how a person's self-perception can influence factors like behavior and internal feelings like confidence.
Course Outcomes for Sem-3, M.A. Psychology	
Psycho-Diagnostics-I CCPS307	After completion of this course, student will be able to • Understand cause and nature of mental disorders. • Identify disorders. • Learn many types of tests.
Neuro-psychology CCPS308	After completion of this course, student will come to know of: • The nervous system. • The mind and how it affects behavior. • How a brain injury or illness can impact your daily life
Psycho-pathology CCPS309	After completion of this course, student will come to know of: • What is the abnormal behaviour. • mental disorders and unusual or maladaptive behaviour. • Understand the causes and course of mental illnesses and how can devise strategies to prevent the onset of disorders
Field work ECPS305A	After completion of this course, student will come to know of: • To study human behavior in natural settings.
Indian psychology ECPS306	After completion of this course, student will come to know of: • Ancient Indian philosophies and traditions. • Mental well-being, self-awareness, and personal growth in a holistic approach. • The practical search of more enduring and unchanging

	truths of existence
Course Outcomes for Sem-4, M.A. Psychology	
Dissertation ECPS407A	Upon successful completion of this course, students will be able to: • Understand how to do psychological research. • How to present research paper and thesis. • How to use analytical methods and tests in research.
Psycho-diagnostics II CCPS410	After completion of this course, student will be able to • Understand cause and nature of mental disorders. • Identify disorders. • Learn many types of tests
Neuro-psychology II CCPS411	After completion of this course, student will come to know of: • The nervous system. • The mind and how it affects behaviour. • How a brain injury or illness can impact your daily life
Psycho-pathology II CCPS412	After completion of this course, student will come to know of: • What is the abnormal behaviour. • mental disorders and unusual or maladaptive behaviour. • Understand the causes and course of mental illnesses and how can devise strategies to prevent the onset of disorders
Sport psychology II ECPS407B	After completion of this course, students will come to know of: • Psychological knowledge and skills to address optimal performance and well-being of athletes, developmental and social aspects of sports participation, and systemic issues associated with sports settings and organizations.
Indian psychology II ECPS408	After completion of this course, student will come to know of: • Ancient Indian philosophies and traditions. • Mental well-being, self-awareness, and personal growth in a holistic approach. • The practical search of more enduring and unchanging truths of existence

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Details of PO, PSO & CO

M. A. Sanskrit

Program Outcomes (PO)

PO1	The students would able to understand the secrets Sanskrit literature.
PO2	Provide adequate knowledge of Sanskrit language which enables studentsto understand Sanskrit environmental national and global scenario.
PO3	The program would provide the critical reasoning, understanding Sanskrit literature and have capacity analysis of key features and concepts of various commentaries in the discipline.
PO4	Gain competencies and professional skills for teaching and conducting research in various fields in Sanskrit Grammar, Classical Sanskrit Literature, Vedic Literature and ancient Indian philosophy.
PO5	The students would be able to understand societies and multi-dimensional application of Sanskrit language.
PO6	Understanding ancient scriptures written in Sanskrit, Pali & Prakrit.
PO7	Inculcating in students social responsibility through Sanskrit literature student becomes responsible citizen of nation.
PO8	Communication: Communicate well with the scientific way to community and society at large, including the ability to interpret and create effective reports and design documentation, make good presentations, and give and receive clear directions.
PO9	Lifelong learning: Understand the need of, and be equipped with the skills necessary to participate in autonomous, lifelong learning within the most expansive framework of cultural and social development.
PO10	Ethics: Place ethical precepts into practice and make a commitment to professional ethics, obligations, and scientific practice standards.

Program Specific Outcomes (PSO)

PSO1	Creating a Sanskrit scholastic community well versed in both traditional as well as modern outlook and temperament.
PSO2	Become proficient users of Sanskrit language.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. A. Sanskrit	
Kavyam – Drama CCSN – 101	After completion of this course : • Students would be able to acknowledge the literary riches of their all time greatClassical Sanskrit drama.
Vedic Literature Rigveda -7 Atharvaveda CCSN – 102	After completion of this course : • Students would be able to interpret the Vedic text by the help of theseetymologies.
Puranetihasa Shrimad Bhagawatam CCSN – 103	After completion of this course : • Students would be able to translate Puranas and History, & they will be introduced in Sanskrit Melody. • Students would be able to live the desirable ideals in modern age through thestudy of Bhagawatam. • Students would be able to learn the Sanskrit Puranic literature by themselves**.**
Vedanga -Grammar ECSN– 101A	After completion of this course : • Students would be able to understand the Sanskrit language properly. • Students would be able to understand the system of Traditional grammar.
Vedanta - ECSN – 101B	After completion of this course : • Students would be able to know the contribution of Shankaracharya in thefield of Indian philosophy.
Alamkara Shastra ECSN – 102A	After completion of this course : • Students would be able to learn the inner structure of Sanskrit drama bythemselves.
Darshan Shastra ECSN – 102B	After completion of this course : • Students would know the importance of the Brahmanical text in modern time.
Course Outcomes for Sem-2, M. A. Sanskrit	
Kavyam – Modern Poetry CCSN – 204	After completion of this course : • Students would be able to know the original source of later developments inornate poetry. • Students would be able to understand the glorious cultural heritage ofIndia.
Vedic Literature Rigveda -10 Yajurveda CCSN – 205	After completion of this course : • Students would know the Vedic Myths & religion, & they would also know the Development of Sanskrit language.
Puranetihasa	After completion of this course : • Students would know the Special features of Sanskrit

Shrimad Bhagawatam CCSN – 206	Puranas & originalsource of our cultural heritage.
Vedanga -Grammar ECSN– 203A	After completion of this course : • Students will able to analyze Sanskrit noun-phrase into stem & suffixes,and would know the theory of meaning communication. • Students would be able to translate simple Gujarati - sentences into Sanskrit languages, & would be able to use the traditional Lexicon. • Students can produce the Sanskrit verb - phrases themselves, & they will know the importance of traditional grammar.
Vedanta - ECSN – 203B	After completion of this course : • Students would know the importance of the Brahmanical text in modern time. • Students would know the doctrine of Patanjali, and Importance Of Yoga.
Alamkara Shastra ECSN – 204A	After completion of this course : • Students would know the beginning of the Alankar-school & the roll of Bhartamuni. • Students would be able to know the special contribution of Rajashekhar in the field of Indian poetics.
Darshan Shastra ECSN – 204B	After completion of this course : • Students would be able to know that how we know the worldly things,& what is the importance of Vedic and Non-Vedic philosophy.
Course Outcomes for Sem-3, M. A. Sanskrit	
Kavyam – Prose CCSN – 307	After completion of this course : • Students would be able to know the original source of later developments inornate poetry. • Students would be able to understand the glorious cultural heritage of India.
Vedic Literature Nirukta CCSN – 308	After completion of this course : • Students would know the Vedic Myths & religion, & they would also know the Development of Sanskrit language.
Puranetihasa Matsya Puranam CCSN – 309	After completion of this course : • Students would know the Special features of Sanskrit Puranas & originalsource of our cultural heritage.
Vedanga -Grammar ECSN– 305A	After completion of this course : • Students will able to analyze Sanskrit noun-phrase into stem & suffixes,and would know the theory of meaning communication. • Students would be able to translate simple Gujarati -

	sentences into Sanskrit languages, & would be able to use the traditional Lexicon. • Students can produce the Sanskrit verb - phrases themselves, & they will know the importance of traditional grammar.
Vedanta - ECSN – 305B	After completion of this course : • Students would know the importance of the Brahmanical text in modern time. • Students would know the doctrine of Patanjali, and Importance Of Yoga.
Alamkara Shastra ECSN – 306A	After completion of this course : • Students would know the beginning of the Alankar-school & the roll of Bhartamuni. • Students would be able to know the special contribution of Rajashekhar in the field of Indian poetics.
Darshan Shastra ECSN – 306B	After completion of this course : • Students would be able to know that how we know the worldly things,& what is the importance of Vedic and Non-Vedic philosophy.
Course Outcomes for Sem-4, M. A. Sanskrit	
Kavyam – Mahakavyam CCSN – 410	After completion of this course : • Students would be able to know the original source of later developments inornate poetry. • Students would be able to understand the glorious cultural heritage ofIndia.
Vedic Literature Upanishad CCSN – 411	After completion of this course : • Students would know the Vedic Myths & religion, & they would also know the Development of Sanskrit language.
Puranetihasa Valmikiya Ramayana CCSN – 412	After completion of this course : • Students would know the Special features of Sanskrit Puranas & originalsource of our cultural heritage.
Vedanga –Grammar Paniniya Shiksha ECSN– 407A	After completion of this course : • Students will able to analyze Sanskrit noun-phrase into stem & suffixes,and would know the theory of meaning communication. • Students would be able to translate simple Gujarati - sentences into Sanskrit languages, & would be able to use the traditional Lexicon. • Students can produce the Sanskrit verb - phrases themselves, & they will know the importance of traditional grammar.
Vedanta - ECSN – 407B	After completion of this course : • Students would know the importance of the Brahmanical text in modern time.

	• Students would know the doctrine of Patanjali, and Importance Of Yoga.
Alamkara Shastra ECSN – 408A	After completion of this course : • Students would know the versatility of the Alankara-school & the place of Vakrokti Sampradaya • Students would be able to know the special contribution of Kuntak in the field of Indian poetics.
Darshan Shastra ECSN – 408B	After completion of this course : • Students would be able to know that how we know the worldly things,& what is the importance of Vedic and Non-Vedic philosophy.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.A0Sociology

Program Outcomes (PO)

PO1	Student can get informed by understanding the social system properly, due to which they can participate in solving problems.
PO2	Be aware of sociological ideologies and understand the causal relationship 0f social problem.
PO3	Helping in the formation of a social scientist to conduct the scientific sociological study of societ.
PO4	Assist in the planning of developmental plans of the goverment by collecting accurate information through social scientific study.
PO5	Care to create awareness in the field of environment, health, sexuality, law, and to sustainibility develop the order of human society.
PO6	Education is essential to develop children as a proper citizen A sound education develops a person as a socially oriented and empowered human being.
PO7	Processes like modernaization, urbanization, globlaization bring changes in the society is necesary for social adaptation in new syastem.

Program Specific Outcomes (PSO)

PSO1	Various companies in the social, sector and goverment bean creating job opportunities in the goverment sector provide employment opportunities to many students and a well-developed workforce with aptitudes for service to the society.
PSO2	Goverment planning commissions are useful in determining goverment policies and organizations working in the social welfare sector are useful in extending the benifits of their services to the affected communities.

Course Outcomes (CO)

Course Outcomes for Sem-1, M.A(Sociology	
Classical sociological Tradition# CCSO 101	After completion of this course, student will be able to • The students becomes familier with the traditions of sociological thought. • A sociological attitude is developed in student.
Methodological social research# CCSO102	After completion of this course, student will be able to • A compitent society becomes a scientist
Perspective on indian sociology# CCSO103	After completion of this course, student will be able to • As a Competent citizen of the indian society, he is able to perform his duty as a worker to solve the problems of the indian society.
Gender and Society# ECSO 101	After completion of this course, student will be able to • Becomes aware of gender diversity in family and society. • Being able to think in the direction of solving problems related sexuality.
Political Sociology# ECSO 102	After completion of this course, student will be able to • Become aware of the impact of political system on the society.
Course Outcomes for Sem-2, M. A. Sociology	
Theoritical Perspective in Sociology# CCSO 204	After completion of this course, student will find ease to: • Students become familier with social systems and problems understanding social ideologies
Methods and techniques in social research# CCSO 205	After completion of this course, student will be able to: • As a Social Scientist a researcher is able to provide factual and scientific information to the societ.
Social change and development in india# CCSO 206	After completion of this course, student will be able to • In the current times, according to the currents of social change, it becomes alive as a citizen capable of participating in development.
Social movements in india# ECSO 203	After completion of this course, student will be able to • Becomes competent as a social leader • Become familiar with political issues.
Sociology of Health# ECSO 204	After completion of this course, student will be able to • Becomes capable of social service in the field of health.
Course Outcomes for Sem-3, M. A(Sociology	
Rural Sociology#	After completion of this course, student will be able to • By studying the problems of the backword

CCSO 307	classes in the rural social system, one becomes a fit citizen to work towards salving the rural problems.
Tribal society of sociology# CCSO 308	After completion of this course, student will come to know of: • Programs for tribal development are useful for social welfare work and benefiting the tribal community.
Sociology of development# CCSO 309	After completion of this course, student will come to know of: • Helps for national development.
Environment and society# ECSO 305	After completion of this course, student will come to know of: • Acquiring competencies as a facilitator for environmental awareness. • Can be helpful for Formulation and implementation of environmental policy.
Sociology of mass Communication# ECSO 306	After completion of this course, student will come to know of: • Acquiring competence for dissemination of education and social awareness through mass media
Course Outcomes for Sem-4, M. A(Sociology	
Regional Sociology # CCSO 410	After completion of this course, student will be able to • Can act as a facilitator to solve regional understanding problems
Industry and society# CCSO 411	After completion of this course, student will be able to • Industrialization helps in social development by changing the society in the right direction.
Sociology of religion# CCSO 412	After completion of this course, student will be able to • Social development through Human values acquiries competencies to work as a practitioner to establish values for the development of global human society.
Sociology of Disaster MGT. and Disaster Planing# ECSO 407 #	After completion of this course, student will be able to • Able to perform duties as a staff member to support the goverment system trained for delivery managemen
Sociology of education# ECSO 408 #	After completion of this course, student will be able to • Education becomes a catalyst for the expected social change.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

MBA

Program Outcomes (PO)

PO1	Managers will adeptly interpret financial data, make strategic decisions, manage budgets, and enhance organizational financial health and performance.
PO2	Managers will effectively analyze economic trends, make informed decisions, and strategically navigate market dynamics to enhance business performance.
PO3	Graduates will demonstrate advanced knowledge and skills in core business disciplines, including finance, marketing, operations, and strategy.
PO4	Students will develop strong analytical and critical thinking abilities to solve complex business problems.
PO5	Graduates will exhibit leadership and team management skills, preparing them for executive and managerial roles.
PO6	Students will be proficient in using quantitative and qualitative tools to make data-driven business decisions.
PO7	Graduates will understand and apply ethical principles and corporate social responsibility in business practices.
PO8	Students will gain global business perspectives, enabling them to operate effectively in international markets..
PO9	Students will develop entrepreneurial thinking and innovation skills, fostering the ability to create and manage new business ventures.
PO10	Graduates will be equipped with strategic thinking capabilities to drive business growth and competitive advantage.

Program Specific Outcomes (PSO)

PSO1	Students will cultivate a deep understanding of organizational behavior and change management to lead and manage transformations within businesses.
PSO2	Strategic Leadership: Graduates will be able to develop and implement strategic plans that align with organizational goals and market conditions. Financial Acumen: Graduates will demonstrate the ability to analyze and interpret financial statements, manage budgets, and make sound financial decisions to drive business performance. Marketing Expertise: Graduates will be proficient in designing and executing effective marketing strategies, leveraging digital and traditional marketing tools. Operational Efficiency: Graduates will possess the skills to optimize business operations, streamline processes, and improve overall organizational efficiency. Human Resource Management: Graduates will understand advanced concepts of human resource management, including talent acquisition, development, and retention strategies. Global Business Insight: Graduates will have a comprehensive understanding of global business environments, international trade regulations, and cross-cultural management practices. Data-Driven Decision Making: Graduates will be skilled in using data analytics and business intelligence tools to inform decision-making and solve business problems. Entrepreneurial Skills: Graduates will be equipped to identify business opportunities, develop business plans, and successfully launch and manage new ventures. Corporate Governance and Ethics: Graduates will be knowledgeable about corporate governance frameworks and ethical issues in business, ensuring compliance and responsible management. Innovation and Change Management: Graduates will have the ability to lead innovation initiatives and manage organizational change to foster a culture of continuous improvement and adaptability

Course Outcomes (CO)

Course Outcomes for Sem-1, MBA Program	
Accounting for Managers CC 101	Managers will adeptly interpret financial data, make strategic decisions, manage budgets, and enhance organizational financial health and performance.
Economics for Managers CC102	Managers will effectively analyze economic trends, make informed decisions, and strategically navigate market dynamics to enhance business performance.
Managerial Communication CC103	The outcome of "Managerial Communication" is proficient communication skills enabling effective leadership, teamwork, conflict resolution, and organizational alignment.
Organisational Behaviour CC104	The outcomes of "Organizational Behavior" include improved team dynamics, enhanced leadership effectiveness, increased employee engagement, and a positive organizational culture.
Principles of Management CC105	The outcomes of "Principles of Management" include improved managerial effectiveness, enhanced leadership capabilities, better decision-making, and increased understanding of organizational dynamics.
Quantitative Analysis CC106	The outcomes of "Quantitative Analysis" include enhanced analytical abilities, proficiency in statistical methods, improved decision-making skills, and effective problem-solving capabilities.
Management Information Systems CC107	"Management Information Systems" adds value by leveraging technology to enhance information flow, streamline processes, and improve decision-making, contributing to organizational effectiveness and success.
Course Outcomes for Sem-2, MBA	
Cost and Management Accounting CC 201	The outcomes of "Cost and Management Accounting" include accurate cost analysis, improved decision-making, enhanced performance evaluation, and optimized resource allocation.
Environment for Business CC 202	The outcomes of "Environment of Business" include enhanced strategic planning, better risk management, improved adaptability, and increased competitiveness in dynamic markets.
Financial Management CC 203	The outcomes of "Financial Management" include improved financial decision-making, enhanced profitability, effective resource allocation, and increased organizational value.
Human Resource	The outcomes of "Human Resource Management" include improved employee performance, increased job satisfaction,

Management CC 204	reduced turnover, and enhanced organizational effectiveness.
Marketing Management CC 205	The outcomes of "Marketing Management" include increased market share, brand loyalty, customer satisfaction, and revenue growth.
Production and Operations Management CC 206	The outcomes of "Production and Operations Management" include improved productivity, reduced lead times, enhanced quality control, and increased customer satisfaction.
Research Methodology and Operations Research CC 207	Outcomes include enhanced research capabilities, improved problem-solving skills, informed decision-making, and optimized business processes.
Course Outcomes for Sem-3, MBA	
Strategic Management CC 301	Outcomes comprise strategic alignment, competitive advantage, organizational growth, sustainability, and improved performance.
Legal Aspects of Business CC 302	Outcomes comprise improved legal awareness, risk management, compliance, and protection of organizational interests.
New Enterprise and Innovation Management CC 303	Enhanced entrepreneurial capabilities, proficiency in innovation management, adeptness in market analysis, strategic decision-making skills, and sustainable business development.
Consumer Behavior and Marketing Research MM 301	Proficiency in consumer behavior analysis, adeptness in market research methodologies, data interpretation skills, effective marketing strategy development, and enhanced customer-centric approach
Corporate Taxation and Financial Planning FM 301	Proficiency in corporate tax compliance, adeptness in tax planning strategies, improved financial forecasting abilities, enhanced risk management skills, and optimized financial performance.
Change Management and Organisational Development HRM 301	Proficiency in change management techniques, adeptness in organizational development strategies, enhanced leadership capabilities, improved employee engagement, and organizational adaptability.
Banking and Insurance SBI 301	Proficiency in banking and insurance practices, adeptness in risk assessment and management, improved financial decision-making, and enhanced economic stability.

Course Outcomes for Sem-4, MBA	
International Business CC 402	Equips individuals with essential knowledge and skills for effective financial management, risk mitigation, and contributing to economic stability and growth.
Management Control System CC 403	Students will master techniques for performance measurement, strategic alignment, and effective resource management.
Product and Brand Management MM 402	Students will master brand development, effective product management, and strategic marketing techniques.
Services and Relationship Marketing MM 403	Students will master techniques for service quality improvement, customer satisfaction, and effective relationship marketing.
Corporate Restructuring FM 401	Students will master techniques for mergers, acquisitions, and financial restructuring,
Risk Management FM402	Students will master risk assessment, mitigation techniques, and strategic planning to manage organizational risks
Human Resource Development HR401	Students will master training programs, career development strategies, and performance management techniques.
Strategic Human Resource Management HR403	Students will develop skills in strategic HR planning, talent management, and aligning HR practices with business strategies.
Banking and Insurance SBI 401	Students will master financial services operations, risk management strategies, and regulatory compliance.
Retailing Sector SRM401	Students will master retail management techniques, consumer insights, and strategic planning for retail businesses.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.Com

Program Outcomes (PO)

PO1	Graduates will possess a deep understanding of advanced accounting and financial management principles, enabling them to analyze and interpret financial data effectively.
PO2	Students will develop strong analytical and research skills, allowing them to conduct thorough market and economic analyses to support business decision-making.
PO3	Graduates will be able to apply advanced taxation knowledge and strategies to optimize tax planning and compliance for individuals and organizations.
PO4	Students will demonstrate proficiency in the use of contemporary financial and accounting software, enhancing their technical capabilities and operational efficiency.
PO5	Graduates will exhibit a comprehensive understanding of corporate governance, ethics, and regulatory frameworks, ensuring responsible and ethical business practices
PO6	Graduates will be equipped with strategic management and leadership skills, preparing them to take on managerial roles and lead teams effectively.
PO7	Students will develop effective communication and interpersonal skills, essential for professional networking, negotiations, and presentations in the business environment
PO8	Graduates will have the ability to critically evaluate and apply advanced economic theories to real-world business scenarios, contributing to strategic planning and policy development.
PO9	Students will gain a global perspective on business and finance, understanding international trade, foreign exchange markets, and cross-cultural management practices to operate in a globalized economy.
PO10	Students will acquire expertise in financial markets and instruments, enabling them to make informed investment and portfolio management decisions.

Program Specific Outcomes (PSO)

PSO1	Graduates of the M.Com program will have the capability to conduct high-level financial analysis and strategic planning, essential for roles in financial consultancy, investment banking, and corporate finance.
PSO2	The program will enable students to master the intricacies of advanced tax laws and auditing practices, preparing them for specialized careers in taxation, compliance, and audit management within diverse business environments.

Course Outcomes (CO)

Course Outcomes for Sem-1, M.Com Program	
Financial Management CC 701	Students gain expertise in financial analysis. • They can do strategic planning, investment decisions, and risk management. It will help in preparing them for careers in finance.
Business Economics CC 702	Students learn to interpret economic data, It will help to assess market trends, and make informed business decisions based on economic analysis.
Business Research Methods CC 703	Students will be capable of conducting rigorous research and interpreting complex data. • They will apply these skills to real-world business problems.
Financial Markets CC704 A	Students will gain comprehensive knowledge of how financial markets operate. • They will develop skills to analyze market trends and make informed trading decisions. • They will understand the regulatory aspects impacting financial markets.
Marketing Management CC704 B	Students will master strategic marketing and consumer analysis. • They will gain proficiency in designing and executing marketing campaigns. They will be equipped to drive brand growth and customer engagement.
Accounting For Managers CC705	Students will gain proficiency in interpreting financial statements. • They will learn to use accounting data for budgeting and financial planning. • They will be equipped to make informed managerial decisions based on financial analysis.
Course Outcomes for Sem-2, M.Com	
Business Environment CC801	Students will gain the ability to evaluate business environments critically and make informed strategic decisions. • They will also develop skills to anticipate and respond to external changes affecting businesses.
Strategic Management CC802	Students will be able to formulate effective strategies for diverse business scenarios. • Graduates will possess the ability to analyze and respond to dynamic market conditions strategically.
Management Control System CC803 A	Students will be able to accurately determine and analyze costs associated with production and operations. • They will also gain proficiency in using cost information for strategic planning and decision-making.

Financial Services CC803 B	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
Cost Accounting - I E805	The outcomes of "Marketing Management" include increased market share, brand loyalty, customer satisfaction, and revenue growth.
Financial Accounting and Auditing – I E804	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
Course Outcomes for Sem-3, M.Com	
Investment Management CC901	Students will gain the ability to analyze investment opportunities, construct diversified portfolios, and manage risk effectively. • They will also develop critical thinking and decision-making skills essential for success in investment careers.
Tax Planning And Management CC902	Students will acquire the ability to analyze tax implications and apply appropriate strategies to reduce tax burdens ethically. • They will also develop expertise in tax compliance, ensuring adherence to regulatory requirements.
Cost Accounting – 2 E903	Students will gain advanced skills in analyzing and managing costs to support strategic decision-making processes. • They will also be equipped to implement cost control measures effectively, leading to improved organizational efficiency and profitability.
Financial Accounting and Auditing – II E904	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
Corporate Financial Reporting E905	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
Course Outcomes for Sem-4, M.Com	
Operational Research CC1001	Students will be capable of conducting rigorous research and interpreting complex data. • They will apply these skills to real-world business

	problems.
Risk Management CC1002	Students will master risk assessment, mitigation techniques, and strategic planning to manage organizational risks.
Management Accounting – 1 EA1003	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
Management Accounting – 2 EA1004	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.
International Accounting EA1005	Students will be able to prepare accurate financial statements and conduct basic audits. • They will also develop skills to analyze financial data and ensure compliance with accounting standards.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO & CO

M. Ed.

Program Outcomes (PO)

PO1	Can apply theoretical knowledge in real situation.
PO2	Critically evaluate and improve teaching strategies, learning process, education system.
PO3	Train to carry out independent research.
PO4	Accesses student's need and apply data driven solution.
PO5	Integrate latest educational strategies in teaching in modern learning environment.
PO6	Create equitable teaching environment for educators.
PO7	Inclusive atmosphere that respects and values all learners.
PO8	Encourage reflective practice, promoting educators for their teaching method and classroom management and student interaction.
PO9	Ensure educators to stay update with new trend of research and practice.
PO10	Cover theoretical, practical and research-based aspects of education.

Program Specific Outcomes (PSO)

PSO1	Prepare teacher educators for advance role as teacher
PSO2	Deep teaching and learning expertise
PSO3	Enhance teaching capability and enabling
PSO4	Contribute effective role in education sector
PSO5	Make more effecting in role as a teacher educator
PSO6	Get Strong emphasis on research methodology
PSO7	Well-round professional development to address the evolving need of education sector.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. Ed.	
Fundamental Concepts Of Educational Research A001	The pre service teacher educators would be able- • Put into practice the understanding of research, needs & their practical implications in the field of education. • The techniques of developing a research proposal. • To draft research proposals at M.Ed, M.Phil. & Ph.D level. • To frame Hypothesis & practical testing in different quantitative researches.
Psychology Of Learning & Development A002	The pre service teacher educators would be able- • To Put into practice the understanding of human development. • To Explain human nature & development in different classrooms at secondary, higher secondary, UG & PG levels. • To imply factors affecting human behaviors in the classrooms. • To practise learning theories into the classroom.
Educational Studies A003	The pre service teacher educators would be able- • To put into practice different dimensions of education in the classrooms at different levels. • To put into practice divergent thinking process of the students. • To Create peace in classrooms with deep understanding of educational environment. • To identify conflict situation in the classrooms & to solve them with understanding.
Historical, Political And Economical Concerns Of Education D 101	The pre service teacher educators would be able- • Explain growth and development of Education in various period of time. • To put into practice Concept, ideas, aims, objectives methods, status of women education, reports of various commissions and the relevance. • To differentiate the importance and relation between Education and Economic Development and cost benefit analysis.
Application Of Descriptive Statistics In Research D 102	The pre service teacher educators would be able- • To apply statistical understanding in their day-to-day life. • To apply different theories in their respective standards & classes. • To connect theoretical understanding of educational statistics in their classroom teaching. • To distinguish different statistics in educational researches.

Psychological Testing D 103	The pre service teacher educators would be able- • To Dictate the meaning and nature of Psychological testing underlying principles • To put into practice the process of test construction and test standardization • To calculate score tests and interpret results. • To differentiate the statistical concepts of test measurement
Educational Measurement & Evaluation D 104	The pre service teacher educators would be able- • To practise different techniques of measurement. • To practise different techniques of evaluation. • To practise different skills in constructing and standardizing a test. • To practise different competencies in constructing and standardizing a test.
Course Outcomes for Sem-2, M. Ed.	
Methods of Educational Research A004	The pre service teacher educators would be able- • To discuss the characteristics of Philosophical, Psychological and Sociological researches in education. • To differentiate the strategies & approaches of educational research. • To differentiate methods of educational research
Philosophy of Education A005	The pre service teacher educators would be able- • To discuss the scope and application of educational philosophy and sociology. • To Appreciate the role of education in development of an individual and society in their cultural perspective. • To bridge the relationship existing between education of one hand and social, politic and economic system on the other. • To highlight the role of education in the emerging Indian society.
Perspectives in Teacher Education A006	The pre service teacher educators would be able- • To highlight the role and function of National and state level agencies of Teacher Education. • To throw the light on Professional Organization and status of Teacher Educator and teachers in India. • To discuss the Major Issues and Problems of Teacher Education. • To bridge the relationship between in-service Education of Teachers and Teacher Educators.
Curriculum Studies And Education C 101	The pre service teacher educators would be able- • To Identify the components of curriculum • To Describe the various principles of curriculum development • To STATE the meaning of curriculum development • To Describe various guiding principles for selection and

	organization of learning experiences
ICT in Education C 102	The pre service teacher educators would be able- • To prepare their students to become ICT skilled teachers. • To Prepare the students to select to appropriate ICT facilities. • To bring the new trends in ICT in different classroom • To frame computerized multimedia for different standards
Guidance and Counseling C 103	The pre service teacher educators would be able- • To manage the Counseling process & Group guidance programme. • To manage the Organization of a Guidance Programme. • To construct the Tests in Guidance Service. • To describe the Human adjustments and mental health & hygiene.
Special Education C 104	The pre service teacher educators would be able- 1. To put into practice the functions of institutions for special education • To provide special education for physically challenged in the society • To provide special education for exceptional students in different classes • To put special education at every stage of school in different corners of the society
Course Outcomes for Sem-3, M. Ed	
Library Resources and Tools & Techniques in Educational Research A007	The pre service teacher educators would be able- • To use different types of resources & library skills for developing research aptitude • To Construct different research tools for effective application • To construct various types of tools • To construct different Psychological tests
Sociology of Education A008	The pre service teacher educators would be able- • To felicitate different sociological theories underlying educational principles and practices. • To discriminate the relationship between education on the one hand and social, political and economic systems on the other. • To Attempt the claims of individual and society in education. • To Prepare himself for his role in directing the future development of education.
Childhood Education B101	The pre service teacher educators would be able- • To use practically the different aspects of child development • To frame the groups to differentiate interventions in Early Child Education • To make them aware practically for child Rights in

	India • To undertake researches in ECE at local, state & national level
Higher Education B102	The pre service teacher educators would be able- • To make them familiar with higher Education in Historical Perspective with reference to various period of time. • To Design Curriculum at different levels • To make them visit Higher Education institutions.
Inclusive Education B103	The pre service teacher educators would be able- • To make the student aware the global and national commitments towards the education of children with diverse needs. • To play the roles & responsibilities of all concerned personnel. • To make them aware of difficulties encountered by children and prepare conducive teaching learning environment in inclusive schools. • To face them the needs of inclusive education in all aspect of life
Elements of Bhartiya Chintan B104	The pre service teacher educators would be able- • To find & study value additional incidents around • To put into practice value in day-to-day life • To tell the students to find value added programs in school • To report different value occasions in the society
Inferential Statistics C105	The pre service teacher educators would be able- • To apply educational statistics in day-to-day life • To motivate the students to use simple statistical techniques in classroom • To apply parametric and non-parametric statistics in various types of educational research.
Educational Administration and Leadership C106	The pre service teacher educators would be able- • To visit different educational institute • To visit principals of different school & colleges • To Visit Supervisors and educational InspectorsTo Visit leaders of different areas of life
Pedagogy Of Curriculum And Assessment C107	The pre service teacher educators would be able- • To establish educational institutions • To plan for educational programs • To get trained them for supervisors & inspectors • To visit leaders of different field
Course Outcomes for Sem-4, M. Ed.	
Treatment of Data & Research Report Writing A009	The pre service teacher educators would be able- • To differentiate strategies and techniques for data analysis • To use different computer packages in their data analysis • To apply appropriately different styles of report writing • To apply APA style in the report writing.

Issues And Challenges In Primary Education B105	The pre service teacher educators would be able- • To discuss the development of Primary Education in India and Gujarat. • To highlight the recommendations of various commissions in terms of Primary Education. • To solve the resisting questions in terms of Primary Education • To apply various programs for quality improvement of Primary Education
Pedagogy of Curriculum in Primary Education B 106	The pre service teacher educators would be able- • To highlight need of curriculum • To construct curriculum in the field of primary education • To apply transaction strategy • To highlight various problems of curriculum development
Education Management & Organization In Primary Education B107	The pre service teacher educators would be able- • To explain various policies of Government planning and their introduction at primary level • To execute strategy of primary level • To put into practice innovative contribution of school education management and planning • To undertake research and innovation at school level
Issues And Challenges In Secondary Education B108	After completion of this course the student shall be able- • To address them in the school and classroom situations. • To make them understand realize the mportance of the right to education and the provisions in the RTE Act 2009. • To identify the indicators and standards of quality in education • To implement the strategies for enhancing the quality of school education.
Pedagogy Of Curriculum In Secondary Education B109	After completion of this course the student shall be able- • To apply Curriculum frame work of secondary and senior secondary education • To apply in school climate the theoretical schools of thought and their pedagogies • To apply teaching strategies and multiple intelligence • To evaluate curriculum form their point of view
Educational Management and Organization in Secondary Education B110	After completion of this course the student shall be able- • To apply techniques of educational planning and school management. • To Prepare a list of resources in school for effective school management. • To resolve the ways of problems in classroom management. • To Analyze different learning resources for effective classroom management.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.P.A.

Program Outcomes (PO)

PO1	Problem analysis: Process of identifying, formulating, reviewing, and analysing Social, administrative and managerial questions in order to derive findings that have been validated using fundamental concepts.
PO2	Usage of contemporary IT technologies: Develop, choose, and apply suitable methods, materials, and contemporary IT tools, such as Data Analysis and Research, to challenging Socio-scientific tasks while being aware of their limits.
PO3	Administrative and Managerial Knowledge: Use both pure and multidisciplinary knowledge to solve a range of Administrative and Managerial and also societal issues.
PO4	Investigate complicated issues: To draw reliable findings, use research-based knowledge and techniques, such as experiment design, data analysis and interpretation, and information synthesis.
PO5	Individual and team work: Perform well as an individual and as a member or leader of various teams in multidisciplinary situations.
PO6	Projects and financing: Exhibit expertise in the drafting and administration of projects across a range of disciplines, and use this knowledge to their own work as a team member and leader and Administrator to oversee funding for projects from different funding organisations and non-governmental organisations.
PO7	Society: Consider social, health, safety, legal, and cultural concerns, as well as the ensuing obligations pertinent to professional activity, by using Practical serve of Society.
PO8	Communication: Communicate well with the Administrative community and society at large, including the ability to interpret and create effective reports and design documentation, make good presentations, and give and receive clear directions.
PO9	Lifelong learning: overall development.
PO10	Ethics: Place ethical precepts into practice and make a commitment to professional ethics, obligations, and Social and Administrative practice.

Program Specific Outcomes (PSO)

PSO1	The Parliament Visit gives wide Practical Knowledge of Our Indian Administration and Constitution. Students will be able to use Practical Knowledge to analyse and identify problems that affect companies and society.
PSO2	Post Graduates Students will gain their all skills in the use of knowledge for Administration and Management, and Policy Formulation, Research and also collect molecular information from men and materials.

Course Outcomes (CO)

Course Outcomes for Sem-1, M.P.A.	
Principles of Public Administration CCPA-101	This course will help students to learn about: • Advanced concepts of Management, Good Governance and New Public Management.
Industrial Relation ECPA-101	This course will help students to learn about: • Importance of IR, Abilities enhancing for IR Disputes.
Public Personnel Management ECPA-102	This course will help students to learn about: • This course is biased on Civil Services so students gain the GK and Skill regarding Administration of India
Issues in Indian Administration CCPA-102	This course will help students to learn about: • To know whole Administrative system of India. To learn about Constitution of India.
Comparative Administrative systems CCPA-103	This course will help students to learn about: • To study on Administrative System of Different Countries. To understand the difference between bureaucracy and Administration. Concepts and effect of LPG, ICT and Terrorism.
Course Outcomes for Sem-2, M. Sc.	
State and District Administration CCPA-204	This course will help students to learn about: • To learn Union State Relation. Role of Governor, Chief Minister, Collector.
Social Policy and Administration CCPA-205	This course will help students to learn about: • The students gain knowledge about Social welfare and Process of Policy formulation. This course also help to improve social cadre for serving the society.
Administrative Law CCPA-206	This course will help students to learn about: • To study the concept of Administrative Law. To learn Delegated Legislation, Principles of Adjudication.
Beauraucracy and Organization ECPA-203	This course will help students to learn about: • To understand the Concept of Beauraucracy. Principles of Organization and Culture of Beauraucracy
Economic Policy and Administration ECPA-204	This course will help students to learn about: • To know the Financial Administration. To learn the process of Budget. Role of NITI AYOG and WTO.

Course Outcomes for Sem-3, M.P.A.	
Government and NGOs CCPA-307	This course will help students to learn about: • To learn about NGO and Management. To understand Social welfare activities.
Human Resource Mgt CCPA-308	This course will help students to learn about: • To learn and understand the service of HRM. To learn planning and management in government and Private Organization. To learn whole Management system.
Disaster Management CCPA-309	This course will help students to learn about: • To learn about emergency provisions during Disaster, to understand the service of social cadre. • To learn planning and management during Disaster and after disaster.
Hospital administration ECPA-305A	This course will help students to learn about: • To study the concept of Administration of Hospital. To learn on Staff health services. To understand the role of Specialist and Generalist.
Women and Administration ECPA-306A	This course will help students to learn about: • To know the Women Administration. To learn the process of Development. Role of Human Rights and Women Rights.
Course Outcomes for Sem-4, M.P.A.	
Human Resource Development CCPA-410	This course will help students to learn about: • To learn Human Resource Audit. Case studies of HRD.
Government and Lab our welfare Policy CCPA-411	This course help student will come to know of: • To know the Laboure Administration and Laborer welfare Policy
Dissertation CCPA-412	This course will help students to learn about: Students should learn how to choose and justify a research problems, as well as how to properly design, conduct, assess, and explain their knowledge. Students should demonstrate significant improvement in the following areas: In-depth understanding of the selected research field. • Demonstrated ability to integrate information and identify relevant topics within a thesis framework. • Strong research design and planning skills. • Ability to develop, examines, and critically evaluates various technical solutions. • Capable of doing research independently. • Capable of using analytical and experimental

	methodologies. • Demonstrates project management, report writing, problem-solving, and communication abilities.
Public Health Management ECPA-407A	This course will help students come to know public health management.
Management of Local Government ECPA-408B	This course will help students to learn about: To Study the Three-Tier System of Panchayats, Role of Municipal Corporation, Study on Urban and Rural Administration

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

MASTER OF SOCIAL WORK (M.S.W.)

Program Outcomes (PO)

PO1	Problem analysis: Process of identifying, formulating, reviewing, and analysing scientific questions in order to derive findings that have been validated using fundamental scientific concepts.
PO2	Usage of contemporary IT technologies: Develop, choose, and apply suitable methods, materials, and contemporary IT tools, such as modelling and prediction, to challenging scientific tasks while being aware of their limits.
PO3	Social Science Knowledge: Use both pure and multidisciplinary Social science knowledge to solve a range of social issues.
PO4	Investigate complicated issues: To draw reliable findings, use research-based knowledge and techniques, such as experiment design, data analysis and interpretation, and information synthesis.
PO5	Individual and team work: Perform well as an individual and as a member or leader of various teams in multidisciplinary situations.
PO6	Social Science projects and financing: Exhibit expertise in the drafting and administration of scientific projects across a range of disciplines, and use this knowledge to their own work as a team member and leader to oversee funding for scientific projects from different funding organisations and non-governmental organisations.
PO7	Social Science and society: Consider social, health, safety, legal, and cultural concerns, as well as the ensuing obligations pertinent to professional activity, by using reasoning based on contextual information.
PO8	Communication: Communicate well with the scientific community and society at large, including the ability to interpret and create effective reports and design documentation, make good presentations, and give and receive clear directions.
PO9	Lifelong learning: Understand the need of, and be equipped with the skills necessary to participate in autonomous, lifelong learning within the most expansive framework of Social development.
PO10	Ethics: Place ethical precepts into practice and make a commitment to professional ethics, obligations and scientific practice standards.

Program Specific Outcomes (PSO)

PSO1	Students will be able to apply advanced social work theories and evidence-based practices to support individuals, families, and communities in need
PSO2	They will be proficient in therapeutic techniques such as counselling, crisis intervention, and case management

Course Outcomes (CO)

Course Outcomes for Sem-1, MSW	
Introduction to Social Sciences CCSW101	• Students will understand the social, economic and political system of India • It will develop the ability to relate learned theoretical concepts to the field level and analyze situations before social work intervention.
Pholosophy of Social Work CCSW102	• Students will understand important milestones in the history of social work perspective. • Students will understand the concepts "Professional Social Work"- body of knowledge, skills, values and attitudes.
Social Case Work CCSW103	• It will help students to understand important social science concepts which are essential for understanding human behaviour in the context of social case work • It will expose students to basic components of social case work i.e. Clint, agency, resources, tools, techniques and process
Human Growth and Behaviour ECSW101A	• It will enable student seek new insight into human behaviour and dynamics of human relation for social work practice. • It acquaints them with the basic vocabulary, concepts, facts and theories in development psychology. • It enables them to help others in achieving better adjustment and also their own adjustment.
Youth and Women Empowerment ECSW101B	• It will develop an understanding for the need for youth development and women development. • It Acquaint students with the status of youth and women in society and programs for their development. • It Acquire an ability and skill in organizing work with youth and women.
Principles and Practice of Management IDSW101	• This course presents a thorough and systematic coverage of management theory and practice. It focuses on the basic roles, skills and function of management, with special attention to managerial

	responsibility for effective and efficient achievement of goals.
Field Work FWSW 101	• Develop the ability to observe and analyze social realities. • It will help to Understand the characteristics of social systems and their dynamics. • It will Develop critical understanding of the application of legislation legal process and social policy. • It will Develop the ability to examine the process of programme management and participate in the effort at various levels.
Course Outcomes for Sem-2, MSW	
Social Group Work CCSW204	• It will develop the understanding of group work as a method of social work. • It will help to Learn the skill of using group work for social work intervention • It will help to Understand the importance of democratic approach in group life.
Community Intervention CCSW205	• It will orient students about community organization practice • It will impart knowledge principles and skills of working with community
Social Work Research CCSW206	• It will help to teach the basic concepts and procedure of quantitative, qualitative and participatory research methods for understanding social work research. • Develop student's ability to conceptualize and conduct simple research projects.
Gerontological Social Work ECSW202A	• It will help to understand the theories, concepts and perspectives in gerontology and Gerontological social work. • It will help to examine the historical norms of roles, Power and status of older persons and emerging trends and issues in the context of liberalized political economy and changingdemography.
Family Dynamics and Family Social Work ECSW202B	• It will help Students to understand family as a social group its functioning and role in development of individual. • It will Help Students to acquaint with the various welfare programmes for members of the family.
Disaster Management IDSW202	• It will help to understand ecosystem equilibrium and disequilibrium. • It will develop an understanding of the process of disaster management.
Field Work	• Develop the ability to recognize the need for

FWSW202	never programs initiate and participate in them. • Use human rights tools understanding of gender justice and need for equity in all intervention. • Develop an understanding of organizational structures resource management and day to day administration for human service programmes developmental and welfare.
Course Outcomes for Sem-3, MSW	
Labour Welfare and Industrial Relation CCSW307	• It will help to develop understanding of the concept of labor welfare, LW theories, features administration of welfare, approaches, scope and study of relevant welfare amenities under the labor enactment. • It will equip with knowledge for an in-depth perspective through the study of industrial relations. Concept, approaches and organization, evolution of IR, anatomy of industrial conflict, industrial unrest, TU scenario and role of trade unions in the Indian context.
Human Resource Development CCSW308	• It will help to develop an understanding of the H.R.D. functions and personnel management functions in detail through understanding and insight into the factory as a social system the impact of external and internal environment on the organization. • It will help students to gain an understanding of H.R.D., P.M. and I.R. concept and approaches through study of various functions and need to understand the concept of integrated H.R.D. systems so that they appreciate the need for human resource development.
Medical Social Work CCSW309	• It will develop knowledge base of the students to work as a professional social worker in the field of health. • It will develop scientific thinking and attitude to work for the problems of health.
Social Development ECSW303A	• It will help to understand the social system; analyze social realities to identify factors for development. • It will help to acquire an attitude for social change. • It will develop skills to promote social, economic and political justice.
Correctional Social Work ECSW304A	• It will help to enable the students with advanced theoretical information in the field of correctional social work. It will give analytical insight to understand the causes of crime. • The course will equip the students with

	knowledge to understand the criminals and to reform and rehabilitate the criminal back to the society.
Integrated Social Work ECSW303B	• It will Develop holistic understanding of social work practice as a unitary process. • It will Develop critical understanding application of approaches suggesting holistic conceptual framework for social work practice.
Population and Environment ECSW304B	• It will help to Understand Characteristics, determinants of population growth. • Examine population policy, Plan and initiatives.
Summer Internship SISW101	• It will help students to experience direct practice and management operations. • It will help students to enhance and integrate practice of Social Work Method and strategies. • Experience self in the role of Professional Social Worker
Field Work FWSW303	• Enhance writing skills to document practice appropriately. Recording to be viewed as an expression of interest, motivation and involvement in practice and as evidence of enrichment in the process of professional growth.
Course Outcomes for Sem-4, MSW	
Social Welfare Administration and Policy CCSW410	• It will help to enable student to develop an insight in the broad subject of social welfare administration and social policy as one of the method of social work profession. • It will help student understand social welfare and social policy as a practice –field areas of social work profession. • It will help student to understand link between theory and practice
Social Change Justice and Legislation CCSW411	• It healps teach the concepts of social change, social justice and its processes. • It helps to teach important social legislation relevant for seeking social justice. • It will help to develop the ability to effectively use social legislation as a means to bring about social change.
Management of Welfare Services CCSW412	• It will help to Acquire knowledge of basic processes of managing and administrating developmental and welfare services in the context of social work profession. • It will helps to Acquire skills to participate in managerial and administrative process and programme delivery.
Organisational Behaviour	• It will help the student understand how the 'people' side of the organizations affects

ECSW405A	effectiveness through concepts. • It will help to develop the student's ability to observe, understand and analyse the behaviour within the organizational context
Psychiatric Social Work ECSW406A	• Students will understand the concept of mental health and changing concept of mental health, psychiatric problems as per D.S.M.
Counselling Theory and Practice ECSW405B	• It helps to develop a holistic understanding of counseling as a tool for help. • It helps to Acquire knowledge of various approaches: their theatrical under-pinning for goals, values, processes and techniques.
Legal System in India ELSW406B	• It will help to acquire information on the legal rights of people. • It will help to develop and understanding of the legal system and get acquainted with the process of the legal systems with the emphasis on functioning in India. Understanding the role of police, prosecution, judiciary and correction.
Field Work FWSW404	• Enhance writing skills to document practice appropriately. Recording to be viewed as an expression of interest, motivation and involvement in practice and as evidence of enrichment in the process of professional growth.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

MSc (CA&IT) – 5 Years Integrated Programme

Program Outcomes (PO)

PO1	Analyze and design IT solutions to real-world problems using cutting-edge technologies and methodologies.
PO2	Apply advanced knowledge of computer systems, software engineering, and data analytics to develop innovative solutions.
PO3	Evaluate and select appropriate technologies and tools to meet organizational needs and solve complex IT problems.
PO4	Design and implement secure and efficient computer networks and systems.
PO5	Develop and deploy scalable and maintainable software applications using various programming languages and frameworks.
PO6	Collect, analyze, and interpret data to inform IT-related decisions and solve business problems.
PO7	Communicate technical information effectively to both technical and non-technical stakeholders.
PO8	Work effectively in teams to design, develop, and deliver IT projects on time and within budget.
PO9	Recognize and address ethical, legal, and social implications of IT solutions on individuals and society.
PO10	Stay current with emerging trends and technologies in the IT field and continuously update knowledge and skills.

Program Specific Outcomes (PSO)

PSO1	IT Project Management: Students will be able to plan, execute, and deliver IT projects successfully, utilizing tools and techniques like Agile, Scrum, and Waterfall.
PSO2	Advanced Software Development: Students will design, develop, and deploy scalable and efficient software applications using advanced programming languages, frameworks, and architectures.
PSO3	Data Science and Analytics: Students will collect, analyze, and interpret complex data to inform business decisions, using tools and techniques like machine learning, deep learning, and data visualization.
PSO4	Cybersecurity and Privacy: Students will design and implement secure IT systems, ensuring the confidentiality, integrity, and availability of data, and addressing privacy concerns.
PSO5	IT Service Management: Students will understand and apply IT service management principles and best practices, including ITIL, to deliver high-quality IT services.
PSO6	Digital Transformation: Students will analyze and develop strategies for digital transformation, leveraging emerging technologies like cloud computing, IoT, and AI to drive business innovation.
PSO7	Human-Computer Interaction: Students will design and develop user-centered interfaces, applying principles of human-computer interaction, usability, and accessibility.
PSO8	IT Consulting and Entrepreneurship: Students will develop skills to start and manage their own IT consulting firms or technology-based startups, applying entrepreneurial principles and practices.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. Sc. (CA & IT) (NEP)	
Introduction to Computer Science and Programming CAIT101	After completion of this course, student will be able to • Understand the fundamental concepts of computer science, including algorithms, data structures, and programming principles, and apply them to solve problems. • Analyze and design solutions using computational thinking, including logical reasoning, problem-solving, and critical thinking, to prepare for further study in computer science.
Web Designing and Programming – I CAIT102	After completion of this course, student will come to know of: • Design and develop dynamic web applications using programming languages, frameworks, and databases, ensuring user experience, accessibility, and security. • Apply web development technologies, including HTML, CSS and JavaScript to build responsive, interactive, and dynamic web applications.
Fundamental of Information Technology CAIT103	After completion of this course, student will come to know of: • Understand the basic concepts of information technology, including computer hardware, software, networks, and databases, and apply them to solve real-world problems. • Develop skills in using IT tools and techniques, including programming, data analysis, and digital media, to enhance productivity, communication, and decision-making.
Mathematical Foundation of Computer Science CAIT104	After completion of this course, student will come to know of: • Apply mathematical concepts and techniques, including discrete mathematics, algebra, and set theory, to analyze and solve computational problems. • Develop a solid foundation in mathematical reasoning, matrices, and problem-solving skills to understand the theoretical aspects of computer science and software development.
Communication Skills in English CAIT105	After completion of this course, students will come to know of: • Develop effective communication skills in English, including reading, writing, speaking, and listening, to convey technical ideas and collaborate with diverse audiences. • Apply language skills to create clear, concise, and persuasive content, including technical reports, documentation, and presentations, to achieve professional goals.
Introduction to Indian Knowledge System – I	After completion of this course, students will come to know of: • The fundamental concepts and principles of Indian Knowledge System, including its philosophical, scientific,

CAIT106A	and cultural heritage, and its relevance to modern society. • The contributions of Indian thinkers and scholars to the development of science, technology, engineering, and mathematics (STEM) fields, and the potential applications of Indian Knowledge System in computer science.
Bhagvat Gita and Life Management CAIT106B	After completion of this course, students will come to know of: • The philosophical and ethical teachings of the Bhagavad Gita and their application to personal and professional life, leading to effective stress management and decision-making skills. • The principles of self-awareness, self-management, and self-improvement, enabling them to develop a holistic approach to life and become socially responsible citizens.
Course Outcomes for Sem-2, M. Sc. CA & IT (NEP)	
Programming with Python CAIT201	After completion of this course, students will come to know of: • The fundamentals of programming using Python, including data types, control structures, functions, and object-oriented programming, to develop efficient and scalable software solutions. • The practical applications of Python programming in various domains, such as data analysis, web development, and automation, to solve real-world problems.
Web Designing and Programming – II CAIT202	After completion of this course, student will come to know of: • Design and develop advanced web applications using frameworks such as larval etc... • Apply advanced web development technologies, including XHTML and JavaScript to build dynamic web applications.
Latest Trends in IT CAIT203	After completion of this course, students will come to know of: • The fundamental concepts and applications of Artificial Intelligence, Augmented Reality-Virtual Reality, and Data Science, including machine learning and data analytics. • The current trends, tools, and technologies in these domains, enabling them to design, develop, and deploy innovative solutions to real-world problems.
Soft Skills and Personality Development CAIT205	After completion of this course, students will come to know of: • The importance of personality development, soft skills, and emotional intelligence in personal and professional growth, and develop a positive attitude and mindset. • Effective communication, teamwork, leadership, time management, and problem-solving skills to enhance their employability and succeed in a dynamic work environment.
Try to Understand out Mother Earth CAIT206A	After completion of this course, students will come to know of: • The importance of environmental awareness, sustainability, and conservation, and develop a deeper appreciation for the natural world. • The impact of human activities on the environment, and

	learn to adopt eco-friendly practices and technologies to mitigate climate change and preserve the planet's resources.
Yog Nityansh CAIT206B	After completion of this course, students will come to know of: • The fundamental principles and practices of Yoga, including physical postures, breathing techniques, and meditation, to achieve physical, mental, and spiritual well-being. • The concept of Nityansh (eternal truth) and the connection between body, mind, and spirit, leading to a holistic approach to life and inner peace.
Course Outcomes for Sem-3, M. Sc. CA & IT (NEP)	
Data Structure and Algorithm CAIT301	After completion of this course, students will come to know of: • The fundamental concepts of data structures, including arrays, linked lists, stacks, queues, trees, and graphs, and their applications in software development. • The design, analysis, and implementation of algorithms, including sorting, searching, and graph traversal, to solve complex problems efficiently and effectively.
Object Oriented Programming with C++ CAIT302	After completion of this course, students will come to know of: • The fundamental concepts of object-oriented programming, including classes, objects, inheritance, polymorphism, and encapsulation, using C++ programming language. • The design and development of reusable, modular, and efficient software systems using C++ programming language, with emphasis on problem-solving and debugging skills.
System Analysis and Design CAIT303	After completion of this course, students will come to know of: • The systematic approach to analyzing and designing computer-based systems, including requirements gathering, feasibility study, and system modeling using various tools and techniques. • The design and development of effective system solutions, including user interface design, data modeling, and system implementation, using a structured and object-oriented approach.
Computer Oriented Numerical Methods CAIT304	After completion of this course, students will come to know of: • The numerical methods and algorithms for solving mathematical problems, including interpolation, regression, correlation, and solution of linear and nonlinear equations. • The implementation of numerical methods using computer programming, including error analysis and numerical stability, to solve real-world problems in various domains.
Email Etiquette and Training	After completion of this course, students will come to know of: • The proper etiquette and protocols for writing effective and professional emails, including tone, language, and

CAIT305	formatting. • The skills to compose clear, concise, and well-structured emails, and to use email technology efficiently and appropriately in personal and professional settings.
Indian Thinkers and Philosophers CAIT306A	After completion of this course, students will come to know of: • Understand the philosophical ideas and contributions of prominent Indian thinkers and philosophers. • Analyze the impact of Indian philosophical thought on Indian culture and society.
Nyayasashtra for Mathematical Logic CAIT306B	After completion of this course, students will come to know of: • Apply Nyaya Sastras principles to develop critical thinking and problem-solving skills in mathematical logic. • Understand the connections between Indian philosophical thought and formal logic.
Course Outcomes for Sem-4, M. Sc. CA & IT (NEP)	
Database Management System CAIT401	After completion of this course, students will come to know of: • Design, implement, and manage databases using various data models and database management systems. • Ensure data security, integrity, and retrieval techniques.
Object Oriented Programming with JAVA CAIT402	After completion of this course, students will come to know of: • Develop Java programs using object-oriented programming concepts (encapsulation, inheritance, polymorphism). • Apply problem-solving skills to real-world applications using Java.
Operating Systems CAIT403	After completion of this course, students will come to know of: • Understand operating system architecture (process management, memory management, file systems). • Analyze performance and security of various operating systems.
Computer Network – I CAIT404	After completion of this course, students will come to know of: • Understand fundamental network concepts (topologies, TCP/IP, security). • Design and implement a simple network.
Presentation Skills CAIT405	After completion of this course, students will come to know of: • Develop effective public speaking skills. • Design engaging presentations (slide design, audience engagement).
Digital Enhancement CAIT406A	After completion of this course, students will come to know of: • Understand the initiatives taken by the government. • To know the digital infrastructure of the various government schemes.
Cyber Security CAIT406B	After completion of this course, students will come to know of: • Understand network security, cryptography, and risk management.

	• Design and implement secure computer systems.
Course Outcomes for Sem-1, M. Sc. CA & IT (CBCS)	
Introduction to Computer Science and Programming CCCS101	After completion of this course, student will be able to • Understand the fundamental concepts of computer science, including algorithms, data structures, and programming principles, and apply them to solve problems. • Analyze and design solutions using computational thinking, including logical reasoning, problem-solving, and critical thinking, to prepare for further study in computer science.
Fundamentals of Computer and Data Processing CCCS102	After completion of this course, student will come to know of: • Understand the basic concepts of information technology, including computer hardware, software, networks, and databases, and apply them to solve real-world problems. • Develop skills in using IT tools and techniques, including programming, data analysis, and digital media, to enhance productivity, communication, and decision-making.
Communication Skills in English FCCS101	After completion of this course, students will come to know of: • Develop effective communication skills in English, including reading, writing, speaking, and listening, to convey technical ideas and collaborate with diverse audiences. • Apply language skills to create clear, concise, and persuasive content, including technical reports, documentation, and presentations, to achieve professional goals.
PC Software and Applications CECS101	After completion of this course, student will come to know of: • The installation, configuration, and troubleshooting of PC software and applications, including operating systems, productivity software, and utility programs. • The use of software applications for various tasks, such as word processing, spreadsheet analysis, and presentation design, and the ability to evaluate their capabilities and limitations.
Desktop Publishing CECS102	After completion of this course, student will come to know of: • The fundamental concepts and techniques of desktop publishing, including page design, layout, and typography. • The use of desktop publishing software, such as Adobe InDesign, to create professional-quality documents, newsletters, and publications.
Financial Management and Accounting CECS103	After completion of this course, student will come to know of: • The principles and concepts of financial management and accounting, including financial statement analysis, budgeting, and forecasting. • The application of accounting software, such as

	QuickBooks, to manage and analyze financial data, prepare financial reports, and make informed business decisions.
Course Outcomes for Sem-2, M. Sc. CA & IT (CBCS)	
Introduction to Data Structures and Algorithm CCCS205	After completion of this course, student will come to know of: • The basic concepts of data structures, including arrays, lists, stacks, queues, trees, and graphs, and their applications in problem-solving. • The design, analysis, and implementation of algorithms, including sorting, searching, and graph traversal, to solve computational problems efficiently.
Introduction to Internet and Web Programming CCCS206	After completion of this course, student will come to know of: • The fundamental concepts and technologies of the internet and web programming, including HTML, CSS, JavaScript, and HTTP. • The design and development of static and dynamic web pages, web applications, and web services using various programming languages and framework
Mathematical Foundation of Computer Science FCCS203	After completion of this course, student will come to know of: • The mathematical structures and techniques underlying computer science, including sets, relations, functions, graphs, and number theory. • The application of mathematical methods and tools, such as propositional and predicate logic, to reason about and analyze computational systems and algorithms.
Elements of C Programming CECS204	After completion of this course, student will come to know of: • The fundamental concepts and syntax of the C programming language, including data types, variables, control structures, functions, and arrays. • The ability to write, compile, and debug C programs to solve various problems, including numerical computations, data manipulation, and file management.
Digital Computer Electronics CECS205	After completion of this course, student will come to know of: • The fundamental principles and components of digital computer electronics, including logic gates, flip-flops, counters, and arithmetic logic units (ALUs). • The design and analysis of digital circuits, including combinational and sequential logic, and the use of gates and flip-flops.
Course Outcomes for Sem-3, M. Sc. CA&IT (CBCS)	
Object Oriented Programming with	After completion of this course, student will come to know of: • The fundamental concepts and principles of object-oriented programming (OOP) including classes, objects,

C++ CCCS309	inheritance, polymorphism, and encapsulation. • The application of C++ programming language to implement OOP concepts, including data abstraction, operator overloading, and exception handling, to develop reusable and maintainable software systems.
Database Management System – I CCCS310	After completion of this course, student will come to know of: • The fundamental concepts and principles of Database Management Systems (DBMS), including data modeling, database design, data normalization, and database architecture. • The basic concepts of database systems, including data types, tables, queries, and indexes, and the use of database management systems such as MySQL, Oracle, and Microsoft Access to store, manipulate, and retrieve data.
Mathematical Foundation of Computer Science – II FCCS304	After completion of this course, student will come to know of: • The advanced mathematical and statistical concepts and techniques used in computer science, including probability theory, and numerical analysis.
Operating systems CECS306	After completion of this course, student will come to know of: • The fundamental concepts and principles of operating systems, including process management, memory management, file systems, and security. • The design and implementation of operating systems, including process synchronization, deadlocks, and resource allocation, and the use of various operating systems such as Windows, Linux, and UNIX.
Advanced Computer Architecture CECS307	After completion of this course, student will come to know of: • The fundamental principles and concepts of computer architecture and organization, including CPU architecture, memory hierarchy, input/output systems, and parallel processing. • The design and analysis of computer systems, including instruction set architecture, microarchitecture, and system interconnection, and the trade-offs between performance, power, and cost.
Course Outcomes for Sem-4, M. Sc. CA & IT (CBCS)	
Windows Programming with VB.Net CCCS413	After completion of this course, student will come to know of: • The fundamental concepts and techniques of Windows programming including Windows Forms, controls, events, and graphics. • The design and development of Windows applications, including creating user interfaces, handling events, and manipulating data, using the .Net Framework and Visual Studio development environment.
Database Management	After completion of this course, student will come to know of:

System – II CCCS414	• The advanced concepts and techniques of database management systems, including data warehousing, data mining, big data analytics, and database performance tuning. • The design, implementation, and management of complex database systems, including advanced query optimization, database security, and data governance, using various database management systems such as MySQL, Oracle, and Microsoft SQL Server.
Computer Oriented Numerical Methods FCCS405	After completion of this course, student will come to know of: • The numerical methods and algorithms for solving various mathematical problems, including Numerical methods and Interpolation. • The use of computer programming languages, such as Pythonto implement numerical methods and solve numerical problems, including numerical analysis, data analysis, and scientific computing.
Advanced Data Structures CECS408	After completion of this course, student will come to know of: • The advanced data structures and algorithms, including graphs, trees, heaps, and trie, and their applications in problem-solving. • The design, analysis, and implementation of efficient data structures and algorithms, including time and space complexity, trade-offs, and optimization techniques, to solve complex problems in computer science.
System Analysis and Design CECS409	After completion of this course, student will come to know of: • The fundamental principles and methodologies of system analysis and design, including requirement analysis, feasibility study, and system modeling. • The use of various tools and techniques, such as flowcharts, data flow diagrams, and entity-relationship diagrams, to analyze and design complex systems, and develop functional and technical specifications for software development.
Course Outcomes for Sem-5, M. Sc. CA & IT (CBCS)	
Internet Programming with JAVA CCCS517	After completion of this course, student will come to know of: • The fundamentals of internet programming using Java, including core java programming, TCP/IP, and HTTP protocols. • The development of web applications using Java Servlet, JavaServer Pages (JSP), and applet, with emphasis on web security and scalability.
Computer Network – I CCCS518	After completion of this course, student will able to: • Understand fundamental network concepts (topologies, TCP/IP, security). • Design and implement a simple network.
Soft Skills and	After completion of this course, students will come to know of: • The importance of personality development, soft skills,

Personality Development FCCS506	and emotional intelligence in personal and professional growth, and develop a positive attitude and mindset. • Effective communication, teamwork, leadership, time management, and problem-solving skills to enhance their employability and succeed in a dynamic work environment.
Information Security CECS510	After completion of this course, student will come to know of: • The fundamental concepts and principles of information security, including confidentiality, integrity, and availability, and various security threats and vulnerabilities. • The techniques and tools for ensuring information security, including encryption, firewalls, access control, and risk management, with emphasis on security policies and best practices.
E-commerce and M-Commerce CECS511	After completion of this course, student will come to know of: • The fundamental concepts and models of electronic commerce and mobile commerce, including online payment systems, digital marketing, and supply chain management. • The design, development, and implementation of e-commerce and m-commerce systems, including website development, mobile app development, and security considerations.
Course Outcomes for Sem-6, M. Sc. CA&IT (CBCS)	
Web Application Development using PHP CCCS621	After completion of this course, student will come to know of: • The fundamentals of web application development using PHP, including scripting, syntax, and data types, and the development of dynamic web pages. • The design, development, and deployment of web applications using PHP, including database integration, security measures, and best practices for coding and debugging.
Computer Network – II CCCS622	After completion of this course, student will come to know of: • The advanced concepts and technologies of computer networks, including network architecture, protocols, and performance optimization techniques. • The design, implementation, and management of advanced network systems, including network security, virtualization, and cloud computing, with emphasis on scalability and reliability.
Computer Graphics and Multimedia CECS612	After completion of this course, student will come to know of: • The fundamental concepts and techniques of computer graphics, including graphics hardware, algorithms, and software, and the creation of 2D and 3D graphics. • The design, development, and production of multimedia applications, including audio and video processing, animation, and interactive media, with emphasis on

	aesthetics and user experience.
Software Engineering CECS613	After completion of this course, student will come to know of: • The principles, methodologies, and tools of software engineering, including requirement analysis, design patterns, and testing techniques. • The application of software engineering principles to develop high-quality software systems, including project management, risk analysis, and maintenance strategies.
Course Outcomes for Sem-7, M. Sc. CA & IT (CBCS)	
Advanced Web Programming CCCS– 726	After completion of this course, student will find ease to: • Design and develop scalable and secure web applications using advanced technologies and frameworks. • Apply best practices and principles of software engineering to web development, ensuring efficiency and maintainability. • Integrate databases, APIs, and other technologies to create robust and dynamic web systems.
Mobile Computing CCCS– 727	After completion of this course, student will be able to: • Analyze and design mobile computing systems, including mobile apps, networks, and security. • Develop and test mobile applications using various platforms and programming languages. • Evaluate and implement mobile computing technologies, such as IoT, wearable devices, and augmented reality.
Data Warehousing and Data Mining CCCS– 728	After completion of this course, student will be able to • Design and implement data warehouses, data marts, and ETL processes to support business intelligence. • Apply data mining techniques, including clustering, classification, and regression, to extract insights from large datasets. • Analyze and visualize data to support decision-making, using tools such as OLAP, data visualization, and business analytics.
Advanced Operating System CECS– 714	After completion of this course, student will be able to • Design and develop advanced operating system components, including device drivers, file systems, and security modules. • Analyze and optimize operating system performance, scalability, and reliability, using techniques such as concurrency and parallelism.
Enterprise Resource Planning CECS– 715	After completion of this course, student will be able to • Design, implement, and manage ERP systems to integrate business functions, including supply chain management, financials, and human resources. • Analyze and optimize ERP systems to improve organizational efficiency, decision-making, and strategic alignment.

Course Outcomes for Sem-8, M. Sc. CA & IT (CBCS)	
Advanced Java Programming CCCS– 831	After completion of this course, student will find ease to: • Design and develop complex Java applications using advanced concepts, such as multithreading, networking, and database connectivity. Apply Java-based technologies, including Java EE, Spring, and Hibernate, to build scalable, secure, and efficient enterprise-level applications.
Cryptography CCCS– 832	After completion of this course, student will be able to: • Analyze and apply advanced cryptographic techniques, including encryption, decryption, digital signatures, and hash functions, to ensure data security and privacy. • Design and implement secure cryptographic protocols and systems, including public-key infrastructure, digital certificates, and secure communication networks.
Artificial Intelligence CCCS– 833	After completion of this course, student will be able to • Design and develop intelligent systems, including machine learning models, neural networks, and KBS, to solve complex problems and make informed decisions. • Apply AI techniques, including ANN, genetic algorithm, and fuzzy logic, to build innovative applications and solutions that transform industries and societies.
Embedded System CECS– 816	After completion of this course, student will be able to • Design, develop, and deploy embedded systems and IoT applications, including microcontroller-based systems, sensor networks, and smart devices. • Apply IoT technologies, on Arduino Board and test some live projects like LED, Smart Car Parking etc..
Optimization Techniques CECS– 816	After completion of this course, student will come to know of: • - The fundamental concepts and methods of optimization techniques, including linear and nonlinear programming, dynamic programming, and stochastic processes. • - The application of optimization techniques to solve real-world problems in various fields, including operations research, economics, and engineering, with emphasis on problem formulation and solution analysis.
Course Outcomes for Sem-9, M. Sc. CA & IT (CBCS)	
Data Science CCCS– 936	After completion of this course, student will be able to • Extract insights and knowledge from structured and unstructured data using techniques such as machine learning, statistical modeling, and data visualization. • Apply data science methods and tools to solve real-world problems, including predictive analytics, natural language processing, and recommendation systems, to drive business value and inform decision-making.
Advanced Networking CCCS– 937	After completion of this course, student will come to know of: • Design, implement, and manage advanced network architectures, including SDN, NFV, and cloud networks,

	to ensure scalability, security, and performance. • Apply advanced networking techniques, including network virtualization, IoT networking, and network analytics, to build robust, secure, and efficient networked systems.
Research Methodology CECS– 918	After completion of this course, student will come to know of: • Apply research principles, methods, and tools to design, conduct, and report research studies in the field of IT, including literature review, data collection, and data analysis. • Critically evaluate and synthesize research findings to identify gaps, opportunities, and solutions, and to inform evidence-based decision-making and innovation in IT.
Software Testing and Quality Assurance CECS– 919	After completion of this course, student will be able to • Design and implement effective software testing strategies, including manual and automated testing, to ensure software quality, reliability, and performance. • Apply software quality assurance techniques, including agile testing, DevOps, and continuous integration, to ensure software meets industry standards and customer expectations.
Course Outcomes for Sem-10, M. Sc. CA & IT (CBCS)	
Industrial Project CCCS– 1001	After completion of this course, student will come to know of: • Apply theoretical knowledge and technical skills to real-world problems in a professional setting, delivering a project that meets industry standards and expectations. • Demonstrate professional competencies, including communication, teamwork, and problem-solving, and reflect on the experience to enhance personal and professional growth.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. Sc. IT – Two Years PG Programme

Program Outcomes (PO)

PO1	Analyze and design IT solutions to real-world problems using cutting-edge technologies and methodologies.
PO2	Apply advanced knowledge of computer systems, software engineering, and data analytics to develop innovative solutions.
PO3	Evaluate and select appropriate technologies and tools to meet organizational needs and solve complex IT problems.
PO4	Design and implement secure and efficient computer networks and systems.
PO5	Develop and deploy scalable and maintainable software applications using various programming languages and frameworks.
PO6	Collect, analyze, and interpret data to inform IT-related decisions and solve business problems.
PO7	Communicate technical information effectively to both technical and non-technical stakeholders.
PO8	Work effectively in teams to design, develop, and deliver IT projects on time and within budget.
PO9	Recognize and address ethical, legal, and social implications of IT solutions on individuals and society.
PO10	Stay current with emerging trends and technologies in the IT field and continuously update knowledge and skills.

Program Specific Outcomes (PSO)

PSO1	IT Project Management: Students will be able to plan, execute, and deliver IT projects successfully, utilizing tools and techniques like Agile, Scrum, and Waterfall.
PSO2	Advanced Software Development: Students will design, develop, and deploy scalable and efficient software applications using advanced programming languages, frameworks, and architectures.
PSO3	Data Science and Analytics: Students will collect, analyze, and interpret complex data to inform business decisions, using tools and techniques like machine learning, deep learning, and data visualization.
PSO4	Cybersecurity and Privacy: Students will design and implement secure IT systems, ensuring the confidentiality, integrity, and availability of data, and addressing privacy concerns.
PSO5	IT Service Management: Students will understand and apply IT service management principles and best practices, including ITIL, to deliver high-quality IT services.
PSO6	Digital Transformation: Students will analyze and develop strategies for digital transformation, leveraging emerging technologies like cloud computing, IoT, and AI to drive business innovation.
PSO7	Human-Computer Interaction: Students will design and develop user-centered interfaces, applying principles of human-computer interaction, usability, and accessibility.
PSO8	IT Consulting and Entrepreneurship: Students will develop skills to start and manage their own IT consulting firms or technology-based startups, applying entrepreneurial principles and practices.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. Sc. IT	
Advanced Web Programming CCCS– 101	After completion of this course, student will find ease to: • Design and develop scalable and secure web applications using advanced technologies and frameworks. • Apply best practices and principles of software engineering to web development, ensuring efficiency and maintainability. • Integrate databases, APIs, and other technologies to create robust and dynamic web systems.
Mobile Computing CCCS– 102	After completion of this course, student will be able to: • Analyze and design mobile computing systems, including mobile apps, networks, and security. • Develop and test mobile applications using various platforms and programming languages. • Evaluate and implement mobile computing technologies, such as IoT, wearable devices, and augmented reality.
Data Warehousing and Data Mining CCCS– 103	After completion of this course, student will be able to • Design and implement data warehouses, data marts, and ETL processes to support business intelligence. • Apply data mining techniques, including clustering, classification, and regression, to extract insights from large datasets. • Analyze and visualize data to support decision-making, using tools such as OLAP, data visualization, and business analytics.
Advanced Operating System CECS– 101	After completion of this course, student will be able to • Design and develop advanced operating system components, including device drivers, file systems, and security modules. • Analyze and optimize operating system performance, scalability, and reliability, using techniques such as concurrency and parallelism.
Enterprise Resource Planning CECS– 102	After completion of this course, student will be able to • Design, implement, and manage ERP systems to integrate business functions, including supply chain management, financials, and human resources. • Analyze and optimize ERP systems to improve organizational efficiency, decision-making, and strategic alignment.
Course Outcomes for Sem-2, M. Sc. IT	
Advanced Java	After completion of this course, student will find ease to: • Design and develop complex Java applications using

Programming CCCS– 201	advanced concepts, such as multithreading, networking, and database connectivity. Apply Java-based technologies, including Java EE, Spring, and Hibernate, to build scalable, secure, and efficient enterprise-level applications.
Cryptography CCCS– 202	After completion of this course, student will be able to: • Analyze and apply advanced cryptographic techniques, including encryption, decryption, digital signatures, and hash functions, to ensure data security and privacy. • Design and implement secure cryptographic protocols and systems, including public-key infrastructure, digital certificates, and secure communication networks.
Artificial Intelligence CCCS– 203	After completion of this course, student will be able to • Design and develop intelligent systems, including machine learning models, neural networks, and KBS, to solve complex problems and make informed decisions. • Apply AI techniques, including ANN, genetic algorithm, and fuzzy logic, to build innovative applications and solutions that transform industries and societies.
Software Testing and Quality Assurance CECS– 204	After completion of this course, student will be able to • Design and implement effective software testing strategies, including manual and automated testing, to ensure software quality, reliability, and performance. • Apply software quality assurance techniques, including agile testing, DevOps, and continuous integration, to ensure software meets industry standards and customer expectations.
Embedded System CECS– 205	After completion of this course, student will be able to • Design, develop, and deploy embedded systems and IoT applications, including microcontroller-based systems, sensor networks, and smart devices. • Apply IoT technologies, on Arduino Board and test some live projects like LED, Smart Car Parking etc..
Course Outcomes for Sem-3, M. Sc. IT	
Data Science CCCS– 306	After completion of this course, student will be able to • Extract insights and knowledge from structured and unstructured data using techniques such as machine learning, statistical modeling, and data visualization. • Apply data science methods and tools to solve real-world problems, including predictive analytics, natural language processing, and recommendation systems, to drive business value and inform decision-making.
Advanced Networking CCCS– 307	After completion of this course, student will come to know of: • Design, implement, and manage advanced network architectures, including SDN, NFV, and cloud networks, to ensure scalability, security, and performance. • Apply advanced networking techniques, including

	network virtualization, IoT networking, and network analytics, to build robust, secure, and efficient networked systems.
Research Methodology CECS– 305	After completion of this course, student will come to know of: • Apply research principles, methods, and tools to design, conduct, and report research studies in the field of IT, including literature review, data collection, and data analysis. • Critically evaluate and synthesize research findings to identify gaps, opportunities, and solutions, and to inform evidence-based decision-making and innovation in IT.
System Software CECS– 306	After completion of this course, student will come to know of: • Design, develop, and test system software components, including operating systems, device drivers, and firmware, to manage computer hardware resources and provide services to applications. • Analyze and optimize system software performance, reliability, and security, using techniques such as debugging, profiling, and vulnerability assessment.
Course Outcomes for Sem-4, M. Sc. IT	
Industrial Project CCCS– 401	After completion of this course, student will come to know of: • Apply theoretical knowledge and technical skills to real-world problems in a professional setting, delivering a project that meets industry standards and expectations. • Demonstrate professional competencies, including communication, teamwork, and problem-solving, and reflect on the experience to enhance personal and professional growth.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. Sc. Applied Geology

Program Outcomes (PO)

PO1	**Comprehensive Geological Knowledge**: Graduates will demonstrate a thorough understanding of geological principles, processes, and materials, enabling them to apply this knowledge to real-world problems.
PO2	**Field Skills Proficiency**: Students will acquire practical field skills, including geological mapping, sample collection, and site assessment, essential for conducting fieldwork in various geological contexts.
PO3	**Technical Competence**: Graduates will be proficient in using geological tools and software for data collection, analysis, and modelling, including GIS, remote sensing, and geophysical techniques.
PO4	**Problem-Solving Abilities**: Graduates will develop critical thinking and problem-solving skills, enabling them to analyze complex geological issues and propose effective solutions in applied settings.
PO5	**Interdisciplinary Integration**: Graduates will integrate knowledge from related disciplines, such as hydrology, environmental science, and engineering, to address multifaceted geological challenges.
PO6	**Research and Analytical Skills**: Students will demonstrate the ability to conduct independent research, including designing experiments, collecting data, and interpreting results to contribute to the field of applied geology.

Program Specific Outcomes (PSO)

PSO1	**Communication Skills:** Students will effectively communicate their findings and analyses through written reports, presentations, and visual data representations, tailored for diverse audiences.
PSO2	**Collaboration and Teamwork**: Graduates will develop skills for effective collaboration and teamwork, working successfully in multidisciplinary teams on geological projects.
PSO3	**Career Preparedness**: Students will be prepared for diverse career paths in applied geology, including roles in environmental consulting, resource management, engineering geology, and academia.

Course Outcomes (CO)

Course Outcomes for Sem-I, M. Sc. Applied Geology	
Mining Geology CCAG-2111	• Students will learn about different mining techniques, including surface and underground mining, and understand the advantages and disadvantages of each method in relation to specific resources. • Students will understand the environmental implications of mining activities and the importance of sustainable practices in the extraction and processing of minerals. • Learners will gain practical skills in creating geological maps and 3D models to visualize mineral deposits and assess their potential for mining.
Applied Geomorphology and Quaternary Geology (C) CCAG -2112	• Graduates will be able to analyze Quaternary sediments and stratigraphic sequences, interpreting depositional environments and geological processes. • Learners will develop proficiency in various dating methods used in Quaternary geology, including radiocarbon dating and luminescence dating, to establish timelines of geological events. • Graduates will analyze the interactions between human populations and their environments during the Quaternary period, including the impact of climate change on human societies.
Remote Sensing and GIS Technology (C) CCAG -2113	• The course is meant to address the fundamental techniques used for remote sensing and its use in geological applications. • To understand the principles, applications, trends, and pertinent issues of geographical information systems and sciences, including remote sensing (RS), Photogrammetry, cartography, and global positioning systems (GPS).
Hydrogeology (E) ECAG -2114	• Students will learn to assess aquifer properties, including porosity, permeability, and hydraulic conductivity, and their significance in groundwater flow and storage. • Students will understand the factors affecting groundwater quality, including natural processes and anthropogenic influences, and will be able to conduct water quality assessments. • Students will understand the principles of sustainable groundwater management, including strategies for conservation, recharge enhancement, and balancing water use with ecological needs.
Exploration Geophysics and Geochemistry (E) ECAG -2115	• Graduates will appreciate the ethical and environmental considerations in geophysical exploration, emphasizing sustainable practices and responsible resource management. • Students will understand the principles of chemical

	bonding and how they relate to mineral formation and stability in different geological environments. • Students will analyse the biogeochemical cycles of key elements (e.g., carbon, nitrogen, sulphur) and their significance in environmental geology and ecosystem dynamics.
Course Outcomes for Sem-II, M. Sc. Applied Geology	
Dissertation/Project/Training CCAG-2222	• Graduates will conduct a thorough literature review, critically analyzing existing research and identifying gaps that their dissertation will address. • Learners will enhance their critical thinking abilities by evaluating and synthesizing information from diverse sources to support their research hypothesis and conclusions. • Students will understand and apply ethical principles in research, including issues related to consent, confidentiality, and integrity in data handling.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. Sc. Chemistry

Program Outcomes (PO)

PO1	Problem analysis: Process of identifying, formulating, reviewing, and analysing scientific questions in order to derive findings that have been validated using fundamental scientific concepts.
PO2	Usage of contemporary IT technologies: Develop, choose, and apply suitable methods, materials, and contemporary IT tools, such as modelling and prediction, to challenging scientific tasks while being aware of their limits.
PO3	Science Knowledge: Use both pure and multidisciplinary science knowledge to solve a range of engineering and scientific issues.
PO4	Investigate complicated issues: To draw reliable findings, use research-based knowledge and techniques, such as experiment design, data analysis and interpretation, and information synthesis.
PO5	Individual and team work: Perform well as an individual and as a member or leader of various teams in multidisciplinary situations.
PO6	Science projects and financing: Exhibit expertise in the drafting and administration of scientific projects across a range of disciplines, and use this knowledge to their own work as a team member and leader to oversee funding for scientific projects from different funding organisations and non-governmental organisations.
PO7	Science and society: Consider social, health, safety, legal, and cultural concerns, as well as the ensuing obligations pertinent to professional activity, by using reasoning based on contextual information.
PO8	Communication: Communicate well with the scientific community and society at large, including the ability to interpret and create effective reports and design documentation, make good presentations, and give and receive clear directions.
PO9	Lifelong learning: Understand the need of, and be equipped with the skills necessary to participate in autonomous, lifelong learning within the most expansive framework of technological development.
PO10	Ethics: Place ethical precepts into practice and make a commitment to professional ethics, obligations, and scientific practice standards.

Program Specific Outcomes (PSO)

PSO1	Students will be able to use chemical literature to analyse and identify problems that affect companies and society.
PSO2	Graduates will gain technical skills in the use of current and sophisticated apparatus, equipment, and cheminformatics tools to analyse and collect molecular information from materials.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. Sc. Chemistry	
Inorganic Chemistry CH(C)– 101	After completion of this course, student will find ease to: • Identification, selection and explanation of concepts involved in understanding Quantum Chemistry, certain Inorganic Reaction Mechanism and chemical bonding. • Understand the concept of spectroscopy for inorganic complexes in the field of Moss Bauer and ESR. • Selection of specialization of this branch of Chemistry will help the student to be more précised and practical.
Organic Chemistry CH(C)– 102	After completion of this course, student will be able to: • Gain mastery in explanation of concepts involved in understanding Major Organic Reactions, Organic Reagents. • Understand the basics of Reaction Intermediates which will lead to better ease of completion and modification of reactions. • Selection of specialization of this branch of Chemistry will help the student to be more available for employment with a vast competition.
Physical Chemistry CH(C)– 103	After completion of this course, student will be able to • Identify, select and explain which concepts are involved and the way of theoretical framework of statistical thermodynamics. • Understand the concept of chemical equilibrium in chemistry, providing critical insights into the behaviour of chemical reactions.
Spectroscopy and Separation TechniquesCH(C)–104	After completion of this course, student will be able to • Identify, select and explain which concepts are involved and the way of theoretical framework of statistical thermodynamics. • Understand the concept of chemical equilibrium in chemistry, providing critical insights into the behaviour of chemical reactions.
Environmental Chemistry / EducationCH(ID)–105	After completion of this course, student will be able to • Know the environment, requirements of proper elements. • Know about the hazards of environment. • Know about composition of sea water and its properties,

Course Outcomes for Sem-2, M. Sc. Chemistry	
Inorganic Chemistry CH(C)– 201	After completion of this course, student will find ease to: • Identification, selection and explanation of concepts involved in understanding Magneto Chemistry, certain information regarding Bioinorganic Chemistry. • Understand the concept of known blocks of the periodic table. • Selection of specialization of this branch of Chemistry will help the student to be more précised and practical.
Organic ChemistryCH(C)– 202	After completion of this course, student will be able to: • Gain mastery in explanation of concepts involved in understanding Organic Rearrangements and Green Chemistry concepts. • Understand the basics of Pericyclic and Photochemical Reactions. • A good understanding of certain very good synthetic methods of Organic Chemistry can be very helpful.
Physical ChemistryCH(C)– 203	After completion of this course, student will be able to • Able to apply the basic concept of electrochemistry. • Identify, describe and explain the kinetics of simple as well as complex chemical reactions. • Applications of photoelectron spectroscopy to the study of surfaces. • The synthesis, structure, and properties of solid materials help in various scientific and technological advancements due to their broad range of applications.
Analytical ChemistryCH(C)– 204	After completion of this course, student will be able to • Know a few more analytical methods which can be helpful to Chemistry development. • An allied branch of Analysis namely Clinical Chemistry can be helpful to the students, if he or she does not go for Pure Science. • Understand application of Analytical Chemistry to the Pharmaceutical Sciences.
Research MethodologyCH(ID)– 105	After completion of this course, student will be able to • Know all aspects of Research, its requirements and methods of going ahead with the same. • Have information regarding how to collect data, assess the same and put before the society for good application. • Not only Chemistry but some other Science subject application is also helpful.
Course Outcomes for Sem-3, M. Sc. (Organic Chemistry)	
Spectroscopic	After completion of this course, student will be able to • Gets an expertise in structure elucidation of structures

Techniques CCCH – 301	using spectral data. • Can come to know about high quality instrumentation of the advanced sophisticated instruments. • All modern spectroscopic methods can be known properly
Advanced Medicinal Chemistry-I CCCH – 302	After completion of this course, student will come to know of: • An idea of physiological actions taking place in our body. The Pharmacokinetics and Pharmacodynamics is base to such idea. • The structure activity relationship for many medicines is required to be known which the student can gain from this paper. • Different synthetic routes by which millions of drugs can be prepared.
Heterocyclic Chemistry CCCH – 303	After completion of this course, student will come to know of: • What depth of subject is Heterocyclic Chemistry is? • Different ways to name simple and complicated heterocycles. • Methods of preparation and properties different heterocycles. • Applications of heterocycles to field of Medicinal Chemistry.
Natural Product Chemistry CECH -304 A	After completion of this course, student will come to know of: • Different types of Products useful for human beings, available from Natural Sources. • Diseases caused due to deficiency of vitamins. • Importance of Natural Products necessary for life
Selected Topics of Modern Organic Chemistry CECH -304 B	After completion of this course, student will come to know of: • Different arrangements of atoms in a molecule in space by which exact structure of any chemical compound can be known. • Different routes by which new compounds can be synthesized. • All terminology of Biochemistry related to our human body can be known. • Biochemistry of Naturally occurring macro molecules can be learnt and understood.
Course Outcomes for Sem-3, M. Sc. (Analytical Chemistry)	
Spectroscopic TechniquesCCCH-301	Upon successful completion of this course, students will be able to: • Understand the theoretical basis of Raman spectroscopy and apply it to the analysis and characterization of materials, chemicals, and biological samples. • Perform Inductively Coupled Plasma Mass Spectrometry (ICP-MS) analysis, including sample preparation, instrument operation, and data interpretation for the determination of trace and ultra-trace elements. • Conduct Atomic Absorption Spectroscopy (AAS) analysis, interpret the results, and apply the technique to the quantitative analysis of elements in complex samples. • Acquire and interpret Carbon-13 Nuclear Magnetic Resonance (13C NMR) spectra to elucidate the structures

	of organic compounds. • Critically evaluate the strengths, limitations, and complementary nature of these spectroscopic techniques, and select the most appropriate method for a given analytical problem.
Selected Topics in Analytical Chemistry CCCHA-302	• Upon successful completion of this course, students are expected to demonstrate a comprehensive understanding of the selected topics in analytical chemistry. They will be able to apply advanced analytical principles and techniques to solve real-world problems, interpret data, and communicate their findings effectively. The course aims to prepare students for further research, development, or specialized roles in the field of analytical chemistry.
Advanced Analytical TechniquesCCCHA-303	Upon successful completion of this course, students will be able to: • Demonstrate a comprehensive understanding of the theoretical principles and practical applications of the covered advanced analytical techniques. • Effectively utilize these analytical techniques to solve complex problems in various domains, such as materials science, environmental analysis, pharmaceutical development, and life sciences. • Interpret the data generated from these advanced instruments, critically analyze the results, and communicate their findings effectively. • Design and optimize experimental procedures involving the use of these specialized analytical tools. • Contribute to the advancement of analytical chemistry through research, innovation, or industry-based applications. •
Analysis of Waste Water, Food and Pharmaceutical Drugs CECHA-304A	Upon successful completion of this course, students will be able to: • Classify and select the most suitable analytical methods for the examination of wastewater, food, and pharmaceutical samples based on their properties and regulatory requirements. • Demonstrate proficiency in the sample preparation, instrumental analysis, and data interpretation for the

	chemical analysis of food and food additives. • Conduct comprehensive industrial wastewater analysis, including the determination of physical, chemical, and biological parameters, and interpret the results. • Apply their knowledge of pharmaceutical analysis to ensure the quality, safety, and compliance of drug products. • Identify and address analytical challenges, design appropriate experimental protocols, and critically evaluate the results obtained from the analysis of these critical matrices.
Selected Topics in Modern Analytical Chemistry CECHA-304B	Upon successful completion of this course, students will be able to: • Demonstrate a comprehensive understanding of the fundamental principles of biochemistry and their relevance to analytical chemistry. • Perform the analysis of naturally occurring macromolecules using appropriate analytical techniques, interpret the data, and draw meaningful conclusions. • Apply their knowledge of natural product analysis to identify, characterize, and quantify biologically active compounds from various sources. • Develop essential industrial skills, such as technical report writing, data visualization, patent filing, and effective communication, to enhance their professional competence. • Critically evaluate the latest advancements and interdisciplinary applications in modern analytical chemistry and contribute to the field through research, innovation, or industry-based projects.
Course Outcomes for Sem-4, M. Sc. (Organic Chemistry)	
Industrial ChemistryCCCH – 401	After completion of this course, student will be able to • Know about the plant lay out and skills of an Industry. • Know about modus operandi of industry with reference to different regulations accepted globally. • Understand preparation, availability and hazards of different types of industries
Advanced Medicinal Chemistry-II CCCH – 402	After completion of this course, student will come to know of: • What types of medicines are available in the market? • Which are the different medicines used for the treatment of various diseases? • Combinatorial chemistry and chemotherapy of cancer.

Dissertation / Industrial /Institutional 24 100 12 TrainingCCCH -403	Students should learn how to choose and justify a research subject, as well as how to properly design, conduct, assess, and explain their experiments.Students should demonstrate significant improvement in the following areas: In-depth understanding of the selected research field. • Demonstrated ability to integrate information and identify relevant topics within a thesis framework. • Strong research design and planning skills. • Ability to develop, examine, and critically evaluate various technical solutions. • Capable of doing research independently. • Capable of using analytical and experimental methodologies. • Demonstrates project management, report writing, problem-solving, and communication abilities.
Course Outcomes for Sem-4, M. Sc. (Analytical Chemistry)	
Industrial / Institutional Dissertation / Project WorkCCCHA-401	After completion of this course, student will come to know of: • Demonstrated ability to integrate information and identify relevant topics within a thesis framework. • Strong research design and planning skills. • Ability to develop, examine, and critically evaluate various technical solutions. • Capable of doing research independently. • Capable of using analytical and experimental methodologies. • Demonstrates project management, report writing, problem-solving, and communication abilities.
Theoretical Project workCCCHA-402	After completion of this course, student will come to know of: • A variety of topics of Chemistry which they have not studied as a part of regular teaching and learning process. • Different types of material and information of the topic they are working on.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. Sc. Environmental Science

Program Outcomes (PO)

PO1	Understanding of Environmental Systems: Students will demonstrate knowledge of ecological principles, environmental processes, and the interrelationships among air, water, soil, and living organisms.
PO2	Critical Thinking and Problem Solving: Students will apply analytical and critical thinking skills to assess environmental issues and develop sustainable solutions.
PO3	Research Skills: Students will design and conduct scientific research, including data collection, analysis, and interpretation related to environmental science.
PO4	Communication Skills: Students will effectively communicate scientific information, both verbally and in writing, to diverse audiences.
PO5	Ethical and Responsible Decision-Making: Students will understand ethical considerations in environmental decision-making and demonstrate responsibility toward environmental stewardship.
PO6	Interdisciplinary Approach: Students will integrate knowledge from various disciplines, such as biology, chemistry, geology, and social sciences, to address complex environmental challenges.
PO7	Policy and Regulation Awareness: Students will understand environmental laws, policies, and regulations, and their impact on environmental management and conservation.
PO8	Field and Laboratory Skills: Students will acquire practical skills in fieldwork, laboratory techniques, and the use of environmental monitoring tools and technologies.
PO9	Global Perspective: Students will appreciate global environmental issues and the interconnectedness of local and global ecosystems.
PO10	Lifelong Learning: Students will be prepared for continuous learning and professional development in the field of environmental science.

Program Specific Outcomes (PSO)

PSO1	Ecosystem Management: Students will be able to assess and manage ecosystems sustainably, applying principles of ecology and conservation biology.
PSO2	Environmental Assessment: Students will conduct environmental impact assessments (EIAs) and evaluate the potential effects of projects on natural resources and biodiversity.
PSO3	Pollution Control and Remediation: Students will demonstrate proficiency in identifying sources of pollution and developing strategies for remediation and pollution control.
PSO4	Sustainable Resource Management: Students will apply concepts of sustainable development to the management of natural resources, including water, soil, and biodiversity.
PSO5	Climate Change Adaptation and Mitigation: Students will understand the science of climate change and develop strategies for its mitigation and adaptation in various sectors.
PSO6	Geographic Information Systems (GIS): Students will utilize GIS technology for spatial analysis and visualization of environmental data to support decision-making.
PSO7	Policy Development and Advocacy: Students will understand the process of environmental policy-making and be able to advocate for sustainable policies at local, national, and global levels.

Course Outcomes (CO)

Course Outcomes for Sem-1, M. Sc. Environmental Science	
Basics Of Environmental Science CCEN-101	• Students will understand key concepts and principles of environmental science, including ecosystems, biodiversity, and ecological balance. • Students will identify and analyze major environmental issues, such as pollution, climate change, and resource depletion. • Students will develop basic field observation skills and methodologies for studying natural environments.
Environmental Biology (Ecology) CCEN-102	• Students will demonstrate a comprehensive understanding of ecological concepts, including population dynamics, community interactions, and ecosystem functioning. • Students will apply statistical and analytical tools to interpret ecological data and draw conclusions based on empirical evidence. • Students will design and conduct ecological research projects, including formulating hypotheses, collecting data, and presenting findings.
Instrumentation And Analytical Technique CCEN-103	• Students will gain hands-on experience in operating a range of analytical instruments, including spectrophotometers, chromatographs, and mass spectrometers. • Students will recognize safety protocols and ethical considerations in laboratory practices and the handling of hazardous materials. • Students will integrate theoretical knowledge with practical skills to conduct comprehensive environmental analyses.
Dryland And Marine Environment – Indian Context CCEN-104	• Students will identify and assess the biodiversity found in Indian drylands and marine environments, including key species and their ecological roles • Students will evaluate and propose effective conservation strategies for protecting and sustainably managing dryland and marine resources in India. • Students will develop practical skills through field studies, including data collection and analysis related to dryland and marine ecosystems. • Students will apply an interdisciplinary approach to address the complex challenges facing dryland and marine environments in the Indian context.
Environmental Chemistry ICEN-105	• Students will evaluate the sources, behaviour, and fate of environmental pollutants, including heavy metals, organic compounds, and nutrients. • Students will demonstrate an understanding of the fundamental principles of chemistry as they apply to

	environmental systems. • Students will analyze parameters affecting water quality, including pH, dissolved oxygen, and chemical contaminants, and interpret their significance. • Students will understand the chemistry of atmospheric pollutants and their effects on air quality and climate change.
Remote Sensing And Gis ICEN-106	• Students will describe various remote sensing data acquisition techniques, including satellite imagery, aerial photography, and sensor technologies. • Students will apply image processing techniques to enhance and analyze remote sensing data, including classification and interpretation of satellite images. • Students will demonstrate proficiency in using GIS software for spatial data analysis, mapping, and visualization of environmental information. • Students will design and conduct field data collection initiatives to validate remote sensing and GIS analyses.
Course Outcomes for Sem-2, M. Sc. Environmental Science	
Environmental Pollution-I CCEN-207	• Knowledge of various types of environmental pollution, including air, water, soil, and noise pollution. • Students will learn and apply techniques for measuring and analyzing pollutants in different environmental media. • Engage in research projects related to pollution, including data collection, analysis, and interpretation of results.
Environmental Pollution-II CCEN-208	• Understanding of advanced concepts related to environmental pollution, including emerging pollutants and their global implications. • Analyze the sources, types, and impacts of industrial pollution, including case studies of specific industries. • Understand the legal and policy frameworks governing pollution control, including local, national, and international regulations. • Students will assess how climate change influences pollution dynamics and the effectiveness of various mitigation strategies.
Research Methodology, Biostatistics And Computer Applications CCEN-209	• Demonstrate knowledge of fundamental concepts in research methodology, including the research process, design, and ethics. • Develop and refine research questions and hypotheses relevant to environmental science and related fields. □ Gain proficiency in using statistical software packages (e.g., R, SPSS, or Excel) for data analysis and visualization.
Industrial Safety And Disaster Management CCEN-210	• Understand relevant safety regulations and standards governing industrial operations, including OSHA and ISO guidelines. • Students will create effective emergency response plans

	for various industrial settings, including procedures for evacuation, containment, and communication. • Students will learn techniques for investigating industrial accidents and disasters, including root cause analysis and reporting. • Students will evaluate the environmental impacts of industrial activities and develop strategies to mitigate adverse effects.
Environmental Geology ICEN-211	• Understanding of fundamental geological concepts, including rock types, geological structures, and earth processes. • Students will analyze how human activities, such as mining, construction, and waste disposal, interact with geological processes and influence environmental quality. • Students will evaluate soil and water management practices in relation to geological factors, including erosion control and groundwater protection. • Students will analyze geological data using appropriate tools and methodologies, interpreting results to inform environmental decision-making.
Environmental Economics ICEN-212	• Understanding of basic economic principles, including supply and demand, market structures, and externalities as they relate to environmental issues. • analyze how various economic activities, such as industrialization and agriculture, impact environmental quality and resource sustainability. • Assess market-based instruments for environmental protection, such as carbon pricing, tradable permits, and pollution taxes. • Examine global environmental challenges, such as climate change and biodiversity loss, and their economic implications at local and international levels.
Course Outcomes for Sem-3, M. Sc. Environmental Science	
Environmental Impact Assessment, SIA, and Auditing CCEN-301	• Understanding of the principles and processes involved in Environmental Impact Assessment (EIA), including its legal and regulatory frameworks. • Students will learn the methodologies for conducting Social Impact Assessments (SIA), analyzing how projects affect communities, cultural resources, and social structures. • Students will apply data collection and analysis techniques to assess environmental and social impacts, utilizing both qualitative and quantitative methods.
Current Issues in Environmental Science CCEN-302	• Students will be able to articulate the fundamental concepts of environmental science and how they relate to current global issues. • Students will demonstrate the ability to integrate knowledge from various disciplines (biology, chemistry,

	economics, sociology) to address environmental challenges. • Evaluate the ethical implications of environmental decision-making and policy, considering social justice and equity. • Identify and assess the effectiveness of current environmental policies and regulations at local, national, and global levels.
Natural Resources, Conservation and Management in India **C**CEN-303	• Identify and classify various natural resources in India, including renewable and non-renewable resources, and understand their significance in the national context. • Students will analyze the social, economic, and environmental impacts of resource exploitation and conservation efforts in India, using case studies to illustrate these dynamics. • Students will explore the role of local communities in natural resource management and conservation, including traditional practices and contemporary challenges.
Environmental Legislation and Guidelines CCEN 304	• Environmental Protection Act, Clean Air Act, and the Paris Agreement. • Students will apply their knowledge through case studies, examining the implementation and impact of specific environmental laws and guidelines in different contexts. • revision of environmental legislation, including stakeholder engagement and public participatio
Environmental Biotechnology ECEN-305	• Students will understand the basic principles of biotechnology and its applications in environmental science, including microbial, plant, and animal biotechnology. • Students will demonstrate knowledge of key bioprocessing techniques, such as fermentation, enzymatic treatments, and genetic engineering, and their applications in environmental management. • Potential of biotechnological solutions to promote sustainable environmental practices, including waste minimization and resource recovery.
Environmental Management ISO 14001 ECEN-306	• Principles and framework of ISO 14001, including its purpose, structure, and requirements for environmental management systems (EMS). • Students will analyze the relationship between ISO 14001 and legal compliance, understanding how the standard helps organizations meet regulatory requirements. • Students will discuss emerging trends and challenges in environmental management, including the impact of climate change and technological advancements on ISO 14001 implementation.
Environmental	• Students will understand the basic principles of

Toxicology ECEN-307	environmental toxicology, including the definitions of toxicants, toxicity, and exposure pathways. • Students will identify and evaluate various classes of environmental contaminants (e.g., heavy metals, pesticides, industrial chemicals) and their sources, pathways, and impacts on ecosystems and human health. • Students will explore emerging issues in environmental toxicology, such as endocrine disruptors, nanomaterials, and the impacts of climate change on toxicological responses.
Course Outcomes for Sem-4, M. Sc. Environmental Science	
Masters' Thesis (Dissertation)	• The purpose of this exercise is to become familiar with research methods, computer application, literacy and the presentation skills. Moreover, to think about how to approach, communicate and assess an environmental issue from various viewpoints (economic, environmental, legislative, societal, etc.). All viewpoints must be addressed in your outline and project. The student has the freedom to select any research problem related to the environmental science; they can also work for their masters' thesis in the department or research institutes or industry with prior communication and approval from both the side.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M. Sc. Geology

Program Outcomes (PO)

The M.Sc. in Geology program offers a comprehensive educational experience that significantly enhances knowledge, employability, and skillfulness in various aspects of geology and related fields. Here's a detailed overview of the outcomes:

PO1	**Knowledge Gaining** ***Advanced Geological Concepts:*** Students acquire in-depth knowledge of geological principles, including mineralogy, petrology, stratigraphy, and geophysics. This foundation prepares them for complex problem-solving in geology. ***Field and Laboratory Techniques:*** The program emphasizes practical experience, allowing students to develop proficiency in fieldwork and laboratory analysis, including geological mapping, rock and soil analysis, and geochemical testing. ***Environmental Awareness:*** Students gain insight into environmental geology, focusing on sustainability and the impact of geological processes on ecosystems and human activities. ***Research Methodologies:*** Exposure to research methodologies equips students with the skills needed to conduct independent research, including data collection, analysis, and interpretation.
PO2	**Employability** ***Diverse Career Opportunities:*** Post-Graduates are well-prepared for various careers in environmental consulting, natural resource management, mining, and academia. The demand for geologists in government sectors, industries such as oil and gas, environmental protection, and urban planning, remains strong. ***Industry Connections:*** Many programs offer opportunities for internships and partnerships with industry leaders, enhancing employability and providing practical experience that employers highly value. ***Professional Certifications:*** The program may prepare students for relevant certifications, such as becoming a licensed geologist, which can further increase job prospects. ***Global Opportunities:*** Geology is a global field, and post-graduates may find opportunities to work internationally, addressing geological challenges in diverse environments.
PO3	**Skillfulness** ***Analytical Skills:*** The program fosters critical thinking and analytical skills, enabling graduates to interpret complex geological data and make informed decisions. ***Technical Proficiency:*** Students become proficient in using advanced technology, including Geographic Information Systems (GIS), remote sensing, and software for geological modeling and data analysis. ***Fieldwork Skills:*** Hands-on experience in field studies develops practical skills in surveying, sampling, and geological mapping, which are essential for a career in geology. ***Communication Skills:*** The ability to convey complex geological concepts to diverse audiences is emphasized. Graduates learn to prepare reports, presentations, and research papers effectively. ***Teamwork and Leadership:*** Group projects and fieldwork experiences cultivate

	teamwork and leadership abilities, essential for collaboration in multidisciplinary environments.

Overall, an M.Sc. in Geology provides students with substantial knowledge and technical skills and significantly enhances their employability in various sectors. Graduates emerge as well-rounded professionals equipped to tackle geological challenges and contribute to sustainable practices in their respective fields.

Program Specific Outcomes (PSO)

PSO1	**Research and Innovation** ***Interdisciplinary Research:*** Encouraging collaboration between geology and other fields such as environmental science, engineering, and public health can lead to innovative solutions for complex geological issues. ***Cutting-edge Technologies:*** Integrating advanced technologies, such as remote sensing, machine learning, and data analytics, enhances research capabilities and leads to more precise geological assessments.
PSO2	**Sustainable Practices** ***Resource Management:*** Focusing on sustainable extraction and management of natural resources ensures that geological practices contribute to environmental conservation. ***Environmental Impact Studies:*** Developing comprehensive studies to assess the environmental impacts of geological activities helps in formulating sustainable policies and practices.
PSO3	**Community Engagement and Education** ***Public Awareness Campaigns:*** Educating communities about geological hazards, such as earthquakes and landslides, can enhance public safety and preparedness. ***Workshops and Seminars:*** Organizing events that involve local communities in geological discussions fosters a greater appreciation of geology and its relevance to everyday life.
PSO4	**Professional Development** ***Skill Enhancement Programs:*** Offering workshops and training sessions that focus on emerging skills in geology, such as GIS and environmental modelling, ensures that professionals stay competitive in the job market. ***Mentorship Opportunities:*** Establishing mentorship programs that connect students with industry professionals can enhance career readiness and provide valuable insights into the field.
PSO5	**Policy Development** ***Informed Decision-Making:*** Geologists can play a crucial role in shaping policies related to land use, natural resource management, and climate change by providing data-driven insights and recommendations. ***Regulatory Frameworks:*** Advocating for and developing effective regulatory frameworks that govern geological practices can ensure sustainable and ethical operations in the industry.
PSO6	**Diversity and Inclusion** ***Promoting Diversity:*** Encouraging participation from underrepresented groups in geology enriches the field with diverse perspectives, enhancing creativity and problem-solving. ***Inclusive Education:*** Developing educational materials and programs that address the needs of diverse learners ensures that geology is accessible to all, fostering a more inclusive academic environment.
PSO7	**Global Collaboration** ***International Partnerships:*** Collaborating with global institutions and organizations can facilitate knowledge exchange and enhance research capabilities, addressing global geological challenges. ***Shared Resources:*** Developing platforms for sharing geological data and resources can promote collaborative research and innovation across borders.

Course Outcomes (CO)

Course Outcomes for Sem-I, M. Sc. Geology	
Structural Geology & Geotectonics CCGE-101	• Demonstrates a basic understanding of stress, strain and rheology of Earth's lithosphere. • Comprehend how to describe and classify brittle and ductile structures, including faults and folds. • Knows how mountain ranges and rift basins form.
Crystallography, Mineralogy, Optics, and Instrumentation Techniques CCGE-102	• Gain knowledge of the minerals and their formation. • The knowledge of the crystal structure. • Physical & chemical properties of minerals. • Understand the basics of crystals, formation and their classification. • Understanding of Instruments and how to handle them
Paleontology and Stratigraphy CCGE-103	• The study of stratigraphy and Paleontology encompasses the aspects of the age of the earth, chronological arrangement of rocks and appearance and evolution of life through the geologic time. • The knowledge of the concepts in stratigraphy, correlation, and paleontology would enable the students to understand the changes that occurred in the history of the earth • Understand the framework of the stratigraphy of India.
Geomorphology, Remote Sensing and GIS (RS & GIS) CCGE-104	• Students should understand the mechanisms of geomorphic change, such as weathering, erosion, and deposition and to carry out routine lines of enquiry into geomorphological issues. . • The course is meant to address the fundamental techniques used for remote sensing and its use in geological applications. • To understand the principles, applications, trends, and pertinent issues of geographical information systems and sciences, including remote sensing (RS), Photogrammetry, cartography, and global positioning systems (GPS).
Oceanography and Climatology ICGE-105	• To understand the ocean's physical, chemical, biological, and geological characteristics. • To learn about the ocean's role in regulating global climate, and how human actions impact ocean conditions. • To learn about the atmosphere and weather patterns over time, and how to analyze and record them. • To know more about the causes and consequences of climate change, and how to classify climates.
Natural Resource Management ICGE-106	• To describe ecological processes, including human impacts that influence ecosystems change, natural succession and the future sustainability of natural resources. • To characterize natural resources and be able to quantify at least one of these resources.

Course Outcomes for Sem-II, M. Sc. Geology	
Igneous Petrology CCGE-207	• Students will demonstrate proficiency in classifying igneous rocks based on texture, composition, and origin, utilizing the relevant classification schemes. • Students will evaluate and apply various petrogenetic models to explain the origins of igneous rocks and their relationship to tectonic settings.
Metamorphic Petrology CCGE-208	• Students will gain a comprehensive understanding of the processes and conditions that lead to the formation of metamorphic rocks, including temperature, pressure, and chemical environment. • Students will identify and describe the key minerals found in metamorphic rocks, understanding their stability and significance in metamorphic environments. • Learners will explore the mechanisms of metamorphic reactions, including the roles of fluid interactions and phase diagrams in metamorphic processes.
Economic and Mining Geology CCGE-209	• Graduates will be proficient in various mineral exploration methods, including geological mapping, geophysical surveys, and geochemical analysis, to identify and evaluate potential mining sites. • Students will learn about different mining techniques, including surface and underground mining, and understand the advantages and disadvantages of each method in relation to specific resources. • Students will understand the environmental implications of mining activities and the importance of sustainable practices in the extraction and processing of minerals. • Learners will gain practical skills in creating geological maps and 3D models to visualize mineral deposits and assess their potential for mining.
Field Techniques in Geology CCGE-210	• Students will develop skills in the systematic collection of geological samples (rock, soil, mineral) for laboratory analysis, including proper labelling and documentation techniques. • Learners will demonstrate competence in using various field instruments and tools, such as compasses, GPS devices, and geological hammers, for data collection and analysis. • Students will gain introductory knowledge of geophysical survey techniques (e.g., resistivity, seismic) and their application in subsurface investigations. • Learners will be able to accurately record field observations and data in a systematic manner, including the use of field notebooks and digital devices.
Environmental Geology and Disaster Management ICGE-211	• Students will gain a comprehensive understanding of geological processes and their interactions with the environment, including soil formation, erosion, and sediment transport. • Graduates will be able to identify and assess geological hazards such as earthquakes, landslides, volcanic eruptions, and floods, understanding their causes and impacts on human and natural systems. • Students will be proficient in conducting Environmental Impact Assessments to evaluate the potential effects of projects on geological

	and ecological systems. • Graduates will learn to develop and implement disaster preparedness plans and response strategies, enhancing community resilience to geological hazards. • Students will gain experience with tools and technologies used in environmental monitoring and disaster management, including GIS and remote sensing.
Research Methodology, Statistics and Computer application ICGE-212	• Students will gain a comprehensive understanding of various research designs and methodologies, including qualitative, quantitative, and mixed methods approaches. • Graduates will be able to formulate clear and concise research questions and hypotheses that guide the research process effectively. • Learners will acquire skills to write clear and coherent research proposals, including literature reviews, methodology sections, and budget considerations.
Course Outcomes for Sem-III, M. Sc. Geology	
Sedimentary Petrology and Sedimentology CCGE-313	• Graduates will be able to identify and classify sedimentary rocks based on their composition, texture, and sedimentary structures. • Learners will interpret sedimentary facies and relate them to depositional environments, recognizing the geological history recorded in sedimentary sequences. • Students will evaluate the geological and economic significance of sedimentary rocks, including their role as reservoirs for water, oil, and gas.
Geochemistry & Geochronology CCGE-314	• Students will understand the principles of chemical bonding and how they relate to mineral formation and stability in different geological environments. • Students will analyse the biogeochemical cycles of key elements (e.g., carbon, nitrogen, sulphur) and their significance in environmental geology and ecosystem dynamics. • Students will develop skills in interpreting geochemical and geochronological data, integrating findings to construct geological histories and understand Earth's evolution. • Learners will engage in fieldwork and laboratory exercises, gaining hands-on experience in sample collection, preparation, and geochemical analysis.
Engineering Geology and Surveying CCGE-315	• Graduates will be proficient in conducting geological site investigations, including subsurface exploration methods such as drilling, sampling, and geophysical surveys. • Learners will understand the mechanical behaviour of soils and rocks, applying principles of soil mechanics and rock mechanics to assess stability and suitability for construction. • Graduates will apply geological knowledge to geotechnical design, including foundations, slopes, and retaining structures, ensuring stability and safety in engineering projects. • Graduates will understand the principles of project management as they apply to engineering geology and surveying, including planning, implementation, and evaluation.

Geodesy, Geophysics and Geophysical Exploration Methods ECGE-316	• Students will gain a solid grounding in the fundamental principles of geophysics, including the physical properties of the Earth and the methods used to study them. • Learners will develop practical skills in various geophysical exploration methods, such as seismic, magnetic, electrical, and gravity surveys, for subsurface investigation. • Students will understand the role of geodesy and geophysics in assessing geohazards, such as earthquakes and landslides, contributing to risk management and mitigation strategies. • Graduates will appreciate the ethical and environmental considerations in geophysical exploration, emphasizing sustainable practices and responsible resource management.
Fuel Geology ECGE-317	• Students will learn the principles and techniques used in the exploration and evaluation of fuel resources, including geological mapping, geophysical surveys, and drilling methods. • Learners will develop an understanding of petroleum geology, including source rock identification, reservoir characterization, and the role of traps and seals in oil and gas accumulation. • Graduates will understand the processes of natural gas formation and migration, including the evaluation of gas reservoirs and unconventional gas resources (e.g., shale gas, coalbed methane).
Course Outcomes for Sem-IV, M. Sc. Geology	
Hydrogeology CCGE-418	• Students will learn to assess aquifer properties, including porosity, permeability, and hydraulic conductivity, and their significance in groundwater flow and storage. • Students will understand the factors affecting groundwater quality, including natural processes and anthropogenic influences, and will be able to conduct water quality assessments. • Students will understand the principles of sustainable groundwater management, including strategies for conservation, recharge enhancement, and balancing water use with ecological needs.
Quaternary Geology and Geoarchaeology ECGE-419	• Graduates will be able to analyze Quaternary sediments and stratigraphic sequences, interpreting depositional environments and geological processes. • Learners will develop proficiency in various dating methods used in Quaternary geology, including radiocarbon dating and luminescence dating, to establish timelines of geological events. • Graduates will analyze the interactions between human populations and their environments during the Quaternary period, including the impact of climate change on human societies. • Students will gain practical experience in field methods for collecting and analyzing Quaternary sediment samples and archaeological artifacts.
Geoheritage, Geoconservation and Geotourism ECGE-420	• Students will gain a comprehensive understanding of the concept of geoheritage, including its significance in preserving geological features and processes that have historical, cultural, and scientific value. • Students will develop skills to assess and evaluate geological sites for their geoheritage value, considering factors such as uniqueness,

	scientific importance, and cultural relevance. • Students will analyze the environmental and cultural impacts of geotourism, exploring strategies to minimize negative effects while enhancing local economies.
Dissertation/ Project ECGE-421	• Graduates will conduct a thorough literature review, critically analyzing existing research and identifying gaps that their dissertation will address. • Learners will enhance their critical thinking abilities by evaluating and synthesizing information from diverse sources to support their research hypothesis and conclusions. • Students will understand and apply ethical principles in research, including issues related to consent, confidentiality, and integrity in data handling.

KrantiguruShyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

M.B.A. Integrated 5 Year Program

Program Outcomes (PO)

PO1	Strategic Thinking: Develop the ability to formulate, implement, and evaluate strategies that drive organizational success.
PO2	Leadership Skills: Enhance leadership capabilities, fostering effective team management and motivation in diverse environments.
PO3	Analytical Skills: Gain proficiency in data analysis and decision-making processes, using quantitative and qualitative methods.
PO4	Project Management: Learn principles of project management to successfully plan, execute, and close projects in various business settings.
PO5	Communication Skills: Enhance written and verbal communication skills for effective stakeholder engagement and presentation.
PO6	Entrepreneurial Mindset: Foster innovation and entrepreneurial thinking to identify and capitalize on new business opportunities.
PO7	Marketing Expertise: Develop marketing strategies that effectively reach and engage target audiences in a competitive marketplace.
PO8	Financial Acumen: Acquire skills in financial management, including budgeting, forecasting, and investment analysis
PO9	Ethical Judgment: Cultivate a strong sense of ethics and social responsibility in business decision-making.
PO10	Global Perspective: Understand global business dynamics and cultural differences, enabling effective international management.

Program Specific Outcomes (PSO)

PSO1	Students will be able to analyse and identify problems that affect business, companies and society.
PSO2	Graduates will gain technical skills in the use of current and sophisticated business environment

Course Outcomes (CO)

Course Outcomes for Sem-1, M.B.A. Integrated Program	
Fundamentals of Management **DSC-M 101A**	• The objectives are to understand fundamental management concepts • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Business Organisation and Structure DSC-M 102A	• The objectives are to understand Business Organisation and Structure • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Fundamentals of Economics MIC- 101A	• The objectives of "Economics for Managers" are to equip leaders with economic insights, • To enhance decision-making, understand market forces, and To analyze economic policies to drive strategic business growth and competitive advantage
Business Statistics I/MD 101A	• The objectives are to develop research skills, • To apply quantitative methods, solve complex problems, and To support decision-making.
General English AEC101 A	• The objectives are to enhance clarity, • To foster collaboration, To improve conflict resolution, and build strong professional relationships.
E-Commerce SEC-101A	• The objectives are to understand information technology's role in business, • To enhance decision-making, and To optimize organizational processes.
Course Outcomes for Sem-2, M.B.A Integrated Program	
Business Law DSC-M 201A	• Objectives include understanding legal principles, • In mitigating risks, ensuring compliance, and In protecting organizational interests within the legal framework.
Business Management DSC-M202A	• The objectives are to understand fundamental management concepts • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Fundamentals of Economics	• The objectives of "Economics for Managers" are to equip leaders with economic insights,

MIC 201A	• To enhance decision-making, understand market forces, and To analyze economic policies to drive strategic business growth and competitive advantage
Fundamentals of Accounts ID/MD 201A	• The objective of "Fundamental accounting" is to develop financial acumen among leaders, empowering them to analyze and interpret financial data, • To make informed decisions, manage budgets effectively, and strategically plan for organizational growth. This knowledge enhances managerial effectiveness in achieving financial and
Presentation and Soft Skills AEC201 A	• The objectives are to enhance clarity, • To foster collaboration, To improve conflict resolution, and build strong professional relationships.
AI for Business SEC 201A	• The objectives are to understand information technology's role in business, • To enhance decision-making, and To optimize organizational processes.
Human Values and Professional Ethics (CVAC) IKS 201A	• To explore and comprehend the vast array of traditional Indian knowledge across various disciplines. • To analyze the relevance and application of ancient Indian principles in contemporary contexts. To foster appreciation for India's intellectual contributions and promote interdisciplinary research.
Course Outcomes for Sem-3, M.B.A. Integrated	
Marketing Management DSC-M 301A	• The objectives of "Marketing Management" are to understand customer behavior, • To develop marketing strategies, achieve competitive advantage, and To drive profitability.
Cost Accounting A– I DSC – M 302A	• The objectives of "Cost and Management Accounting" are to analyze costs, • To aid decision-making, optimize resource allocation, and To enhance organizational performance.
Human Resource Management DSC – M 303A	• The objectives of "Human Resource Management" are to attract talent, • develop skills, enhance employee engagement, and maintain a productive workforce.
Business	• The objectives of "Environment of Business" are to understand external influences,

Environment ID/MD 301 A	• assess risks, identify opportunities, and formulate effective business strategies.
Practical English – I AEC 301 A	• The objectives are to enhance clarity, • To foster collaboration, To improve conflict resolution, and build strong professional relationships.
Digital Marketing SEC 301 A	• The objectives of "Digital Management" are to understand customer behavior, • To develop marketing strategies, achieve competitive advantage, and To drive profitability.
Indian Thinkers and Philosophers CVAS (IKS) 301 A	• To explore and comprehend the vast array of traditional Indian knowledge across various disciplines. • To analyze the relevance and application of ancient Indian principles in contemporary contexts. To foster appreciation for India's intellectual contributions and promote interdisciplinary research.
Course Outcomes for Sem-4, M.B.A. Integrated	
Marketing Management - IIDSC-M 301A	• The objectives of "Marketing Management" are to understand customer behavior, • To develop marketing strategies, achieve competitive advantage, and To drive profitability.
Cost Accounting – II DSC – M 302A	• The objectives of "Cost and Management Accounting" are to analyze costs, • To aid decision-making, optimize resource allocation, and To enhance organizational performance.
Human Resource Management - II DSC – M 303A	• The objectives of "Human Resource Management" are to attract talent, • develop skills, enhance employee engagement, and maintain a productive workforce.
Financial Management MIC 401 A	• The objectives of "Financial Management" are to optimize financial resources, • maximize shareholder value, mitigate financial risks, and ensure financial sustainability.
Practical English – IV AEC 401 A	• The objectives are to enhance clarity, • To foster collaboration, To improve conflict resolution, and build strong

	professional relationships.
Basics of Stock Market SEC 401 A	• The objectives are to enhance clarity in stock trading • To foster collaboration, To improve conflict resolution, and build strong professional relationships.
Business Case Studies CVAC 401 A	• The objectives are to understand fundamental management concepts • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Course Outcomes for Sem-5, M.B.A. Integrated	
Business Management (Paper V) **501**	• The objectives are to understand fundamental management concepts • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Micro Economics and Public Finance **502**	• The objectives of "Economics for Managers" are to equip leaders with economic insights, • To enhance decision-making, understand market forces, and To analyze economic policies to drive strategic business growth and competitive advantage
Taxation **503**	• Understand corporate tax laws, • develop tax planning skills, • optimize financial structures, mitigate tax risks, and enhance financial decision-making.
Financial Accounting **504**	• The objective of " Financial accounting" is to develop financial acumen among leaders, empowering them to analyze and interpret financial data, • To make informed decisions, manage budgets effectively, and strategically plan for organizational growth.
Communication Skills **505**	• Outcomes include enhanced research capabilities, • improved problem-solving skills, informed decision-making, and optimized business processes.
Quantitative techniques **506**	• The objectives are to develop research skills, • To apply quantitative methods, solve complex problems, and

	To support decision-making.
Management of Financial Services 507	• The objectives of "Financial Management" are to optimize financial resources, • maximize shareholder value, mitigate financial risks, and ensure financial sustainability.
Course Outcomes for Sem-6, M.B.A. Integrated	
Business Management (Paper VI) 601	• The objectives are to understand fundamental management concepts • To develop leadership skills, foster critical thinking, and To enhance decision-making abilities
Macro Economics and Public Finance (Paper – II) 602	• The objectives of "Economics for Managers" are to equip leaders with economic insights, • To enhance decision-making, understand market forces, and
Taxation (Paper IV) 603	• Understand corporate tax laws, • develop tax planning skills, • optimize financial structures, mitigate tax risks, and enhance financial decision-making.
Financial Accounting (Paper VI) 604	• The objective of " Financial accounting" is to develop financial acumen among leaders, empowering them to analyze and interpret financial data, • To make informed decisions, manage budgets effectively, and strategically plan for organizational growth.
Communication Skills (Paper – VI) 605	• The objectives are to enhance clarity, • To foster collaboration, To improve conflict resolution, and build strong professional relationships.
Quantitative techniques (paper – 2) 606	• The objectives are to develop research skills, • To apply quantitative methods, solve complex problems, and To support decision-making.

Course Outcomes for Sem-7, M.B.A. Integrated	
Accounting for Managers CC 701	Managers will adeptly interpret financial data, make strategic decisions, manage budgets, and enhance organizational financial health and performance.
Economics for Managers CC702	Managers will effectively analyze economic trends, make informed decisions, and strategically navigate market dynamics to enhance business performance.
Managerial Communication CC703	The outcome of "Managerial Communication" is proficient communication skills enabling effective leadership, teamwork, conflict resolution, and organizational alignment.
Organisational Behaviour CC704	The outcomes of "Organizational Behavior" include improved team dynamics, enhanced leadership effectiveness, increased employee engagement, and a positive organizational culture.
Principles of Management CC705	The outcomes of "Principles of Management" include improved managerial effectiveness, enhanced leadership capabilities, better decision-making, and increased understanding of organizational dynamics.
Quantitative Analysis CC706	The outcomes of "Quantitative Analysis" include enhanced analytical abilities, proficiency in statistical methods, improved decision-making skills, and effective problem-solving capabilities.
Management Information Systems CC707	"Management Information Systems" adds value by leveraging technology to enhance information flow, streamline processes, and improve decision-making, contributing to organizational effectiveness and success.
Course Outcomes for Sem-8, M.B.A. Integrated	
Cost and Management Accounting CC 801	The outcomes of "Cost and Management Accounting" include accurate cost analysis, improved decision-making, enhanced performance evaluation, and optimized resource allocation.
Environment for Business CC 802	The outcomes of "Environment of Business" include enhanced strategic planning, better risk management, improved adaptability, and increased competitiveness in dynamic markets.
Financial Management CC 803	The outcomes of "Financial Management" include improved financial decision-making, enhanced profitability, effective resource allocation, and increased organizational value.
Human Resource Management	The outcomes of "Human Resource Management" include improved employee performance, increased job satisfaction, reduced turnover, and enhanced organizational effectiveness.

CC 804	
Marketing Management CC 805	The outcomes of "Marketing Management" include increased market share, brand loyalty, customer satisfaction, and revenue growth.
Production and Operations Management CC 806	The outcomes of "Production and Operations Management" include improved productivity, reduced lead times, enhanced quality control, and increased customer satisfaction.
Research Methodology and Operations Research CC 807	Outcomes include enhanced research capabilities, improved problem-solving skills, informed decision-making, and optimized business processes.
Course Outcomes for Sem-9, M.B.A. Integrated	
Strategic Management CC 901	Outcomes comprise strategic alignment, competitive advantage, organizational growth, sustainability, and improved performance.
Legal Aspects of Business CC 902	Outcomes comprise improved legal awareness, risk management, compliance, and protection of organizational interests.
New Enterprise and Innovation Management CC 903	Enhanced entrepreneurial capabilities, proficiency in innovation management, adeptness in market analysis, strategic decision-making skills, and sustainable business development.
Consumer Behavior and Marketing Research MM 901	Proficiency in consumer behavior analysis, adeptness in market research methodologies, data interpretation skills, effective marketing strategy development, and enhanced customer-centric approach
Corporate Taxation and Financial Planning FM 901	Proficiency in corporate tax compliance, adeptness in tax planning strategies, improved financial forecasting abilities, enhanced risk management skills, and optimized financial performance.
Change Management and Organisational Development	Proficiency in change management techniques, adeptness in organizational development strategies, enhanced leadership capabilities, improved employee engagement, and organizational adaptability.

HRM 901	
Banking and Insurance SBI 901	Proficiency in banking and insurance practices, adeptness in risk assessment and management, improved financial decision-making, and enhanced economic stability.
Course Outcomes for Sem-10, M.B.A. Integrated	
International Business CC 1002	Equips individuals with essential knowledge and skills for effective financial management, risk mitigation, and contributing to economic stability and growth.
Management Control System CC 1003	Students will master techniques for performance measurement, strategic alignment, and effective resource management.
Product and Brand Management MM 1002	Students will master brand development, effective product management, and strategic marketing techniques.
Services and Relationship Marketing MM 1003	Students will master techniques for service quality improvement, customer satisfaction, and effective relationship marketing.
Corporate Restructuring FM 1001	Students will master techniques for mergers, acquisitions, and financial restructuring,
Risk Management FM1002	Students will master risk assessment, mitigation techniques, and strategic planning to manage organizational risks
Human Resource Development HR1001	Students will master training programs, career development strategies, and performance management techniques.
Strategic Human Resource Management HR1003	Students will develop skills in strategic HR planning, talent management, and aligning HR practices with business strategies.
Banking and Insurance SBI 1001	Students will master financial services operations, risk management strategies, and regulatory compliance.
Retailing Sector SRM1001	Students will master retail management techniques, consumer insights, and strategic planning for retail businesses.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

PGDCA – 1 Year Post Graduate Diploma Programme

Program Outcomes (PO)

PO1	Analyze and design IT solutions to real-world problems using cutting-edge technologies and methodologies.
PO2	Apply advanced knowledge of computer systems, software engineering, and data analytics to develop innovative solutions.
PO3	Evaluate and select appropriate technologies and tools to meet organizational needs and solve complex IT problems.
PO4	Design and implement secure and efficient computer networks and systems.
PO5	Develop and deploy scalable and maintainable software applications using various programming languages and frameworks.
PO6	Collect, analyze, and interpret data to inform IT-related decisions and solve business problems.
PO7	Communicate technical information effectively to both technical and non-technical stakeholders.
PO8	Work effectively in teams to design, develop, and deliver IT projects on time and within budget.
PO9	Recognize and address ethical, legal, and social implications of IT solutions on individuals and society.
PO10	Stay current with emerging trends and technologies in the IT field and continuously update knowledge and skills.

Program Specific Outcomes (PSO)

PSO1	IT Project Management: Students will be able to plan, execute, and deliver IT projects successfully, utilizing tools and techniques like Agile, Scrum, and Waterfall.
PSO2	Advanced Software Development: Students will design, develop, and deploy scalable and efficient software applications using advanced programming languages, frameworks, and architectures.
PSO3	Data Science and Analytics: Students will collect, analyze, and interpret complex data to inform business decisions, using tools and techniques like machine learning, deep learning, and data visualization.
PSO4	Cybersecurity and Privacy: Students will design and implement secure IT systems, ensuring the confidentiality, integrity, and availability of data, and addressing privacy concerns.
PSO5	IT Service Management: Students will understand and apply IT service management principles and best practices, including ITIL, to deliver high-quality IT services.
PSO6	Digital Transformation: Students will analyze and develop strategies for digital transformation, leveraging emerging technologies like cloud computing, IoT, and AI to drive business innovation.
PSO7	Human-Computer Interaction: Students will design and develop user-centered interfaces, applying principles of human-computer interaction, usability, and accessibility.
PSO8	IT Consulting and Entrepreneurship: Students will develop skills to start and manage their own IT consulting firms or technology-based startups, applying entrepreneurial principles and practices.

Course Outcomes (CO)

Course Outcomes for Sem-1, PGDCA	
Computer Fundamental and PC Software CCCS101	After completion of this course, student will come to know of: • The basic concepts of computer hardware, software, and networking, including computer architecture, input/output devices, and data representation. • The popular PC software packages, including MS Office, email clients, and web browsers, with emphasis on their applications and troubleshooting techniques.
Computer Programming using C CCCS102	After completion of this course, student will come to know of: • The fundamental concepts of programming using C language, including data types, operators, control structures, and functions. • The development of problem-solving skills using C programming, including writing efficient, readable, and well-documented programs, with emphasis on debugging and troubleshooting techniques.
Multimedia Application Development CECS101	After completion of this course, student will come to know of: • The principles and techniques of multimedia application development, including multimedia authoring tools, graphics, audio and video processing, and human-computer interaction. • The design and development of interactive multimedia applications using the tools like Photoshops, Corel Draw etc.
System Analysis and Design CECS102	After completion of this course, student will come to know of: • The principles and methodologies of system analysis and design, including requirement gathering, feasibility study, and system modeling techniques. • The application of system development life cycle to design and develop information systems, including data modeling, process design, and interface design, with emphasis on usability and scalability.
Desktop Publishing CECS103	After completion of this course, student will come to know of: • The fundamental concepts and techniques of desktop publishing, including page design, typography, and graphics manipulation. • The use of desktop publishing software, such as page maker and photoshop, to create professional-quality documents, including brochures, newsletters, and posters, with emphasis on layout, color, and typography.
Personality Development and Soft Skills	After completion of this course, student will come to know of: • The importance of personality development and soft skills in personal and professional growth, including self-awareness, communication, and teamwork.

CECS104	• The techniques and strategies to enhance their personality and soft skills, including time management, leadership, and conflict resolution, with emphasis on building confidence and professionalism.
Course Outcomes for Sem-2, PGDCA	
Windows Programming using VB.Net CCCS205	After completion of this course, student will come to know of: • The fundamental concepts and techniques of Windows programming including Windows Forms, controls, and event-driven programming. • The development of Windows applications using including designing user interfaces, writing code, and debugging techniques, with emphasis on building robust and scalable applications.
Database Management System CCCS206	After completion of this course, student will come to know of: • The fundamental concepts and techniques of database management systems, including data modeling, database design, and database implementation. • The use of database management systems, including data retrieval, data manipulation, and data security, with emphasis on SQL language, database normalization, and query optimization.
Internet and Web Programming CECS205	After completion of this course, student will come to know of: • The fundamental concepts and techniques of internet and web programming, including HTML, CSS, JavaScript, and server-side scripting. • The development of dynamic web applications using web development frameworks and technologies, including database integration, web services, and security measures, with emphasis on building scalable and interactive web applications.
Cyber Security CECS206	After completion of this course, student will come to know of: • The fundamental concepts and techniques of cyber security, including security threats, vulnerabilities, and risk management. • The methods and tools to secure computer systems, networks, and data, including encryption, firewalls, access control, and incident response, with emphasis on ethical hacking and penetration testing.
MIS and ERP CECS207	After completion of this course, student will come to know of: • The concept and role of Management Information Systems (MIS) in organizations, including information systems, business processes, and decision-making. • The design, implementation, and management of Enterprise Resource Planning (ERP) systems, including modules, integration, and best practices, with emphasis on organizational efficiency and effectiveness.
Data Communication	After completion of this course, student will come to know of: • The fundamental concepts and techniques of data

and Computer Network CECS208	communication, including data transmission, protocols, and networking devices. • The design, implementation, and management of computer networks, including network topologies, protocols, and security measures, with emphasis on LAN, WAN, Wi-Fi, and internet technologies.

Krantiguru Shyamji Krishna Verma Kachchh University

Details of PO, PSO, & CO

Master of Social Work- PGDIR & HRD

Program Outcomes (PO)

PO1	Problem analysis: Process of identifying, formulating, reviewing, and analysing scientific questions in order to derive findings that have been validated using fundamental scientific concepts.
PO2	Usage of contemporary IT technologies: Develop, choose, and apply suitable methods, materials, and contemporary IT tools, such as modelling and prediction, to challenging scientific tasks while being aware of their limits.
PO3	Investigate complicated issues: To draw reliable findings, use research-based knowledge and techniques, such as experiment design, data analysis and interpretation, and information synthesis.
PO4	Individual and team work: Perform well as an individual and as a member or leader of various teams in multidisciplinary situations.
PO5	Communication: Communicate well with the scientific community and society at large, including the ability to interpret and create effective reports and design documentation, make good presentations, and give and receive clear directions.
PO6	Lifelong learning: Understand the need of, and be equipped with the skills necessary to participate in autonomous, lifelong learning within the most expansive framework of Social development.
PO7	Ethics: Place ethical precepts into practice and make a commitment to professional ethics, obligations and scientific practice standards.

Program Specific Outcomes (PSO)

PSO1	Students will be able to apply advanced HRM theories and evidence-based practices at Industries level
PSO2	They will be proficient in therapeutic techniques such as HRM, crisis intervention, and OB

Course Outcomes (CO)

Course Outcomes for SEM-1, PGDIR & HRD	
Principles and Practices of Management CCIRHRD -101	This course presents a thorough and systematic coverage of management theory and practice. It focuses on the basic roles, skills and functions of management, with special attention to managerial responsibility for effective and efficient achievement of goals. The objective is to help the Learners to understand the fundamental concepts and principles of management;
Human Resources Management (HRM) CCIRHRD -102	It will acquaint the students with Human Resources Management and to develop in them the ability to acquaint them in the corporate world. The main purpose is to assist the students in developing skills – soft and hard, and decision making in the organizations.
Industrial Relations and Labour Welfare CCIRHRD -103	It will develop an understanding in context of industrial disputes and preventive measures through study of the institution of labor welfare, labor welfare work tripartite of dipartite bodies, settlement machinery and legislation regarding industrial relation, IR models and intervention strategies. The purpose of this unit is to give an insight into the complexity of regulatory framework of labor legislation for labor welfare and industrial relation and to create an insight for learning more about the subject.
Legislation for Industrial Relation and Labour Welfare CCIRHRD -104	It will Provide in-depth operational knowledge and procedural requirement of specific act for welfare of labour and management of harmonious industrial relations
Research Methodology ECIRHRD -101-A	It will teach the basic concepts and procedure of quantitative, qualitative and participatory research methods for understanding social work research. Inculcate understanding of the significance of using basic concepts and procedures of social work research for the improvement of social work practice. Develop student's ability to conceptualize and conduct simple research projects.
Project Work (Practical) PWIRHRD -101	The main outcome of project assignment is to develop critical thinking and analytical abilities**.** Learners expected to understand the process of decision-making in rational ways based on proper interpretation of reliable facts and data.

Course Outcomes for SEM-2, PGDIR & HRD	
Legislation for Social security and Wages CCIRHRD -205	It will Provide in-depth operational knowledge and procedural requirement of specific act that provides social security measures for employees and managing compensation process that fulfils statutory requirement and motivates employees.
Organizational Behavior CCIRHRD -206	Help the student understand how the 'people' side of the organizations affects effectiveness through concepts Develop the student's ability to observe, understand and analyze the behavior within the organizational context Help the student develop basic skills to deal with the ongoing behavioral dynamics and contribute to organizational effectiveness
Human Resources Development Strategies CCIRHRD -207	The outcome of the course is to acquaint the learners with System, Technique and Process of Human Resources development and to develop in them the ability to acquaint them in the corporate world. The main purpose is to assist the learners to implement theoretical knowledge to develop organizations human resources as per need.
Organizational Development CCIRHRD -208	it will sensitize the students about how organizations can be made more effective and dynamic through improving its human resource. it will develop basic behavioural science skills of the students as future practitioners of OD. it will help students to understand and apply basic concepts and processes that form the core of organization development
Organisation System and Design CCIRHRD -209	it will develop understanding about organizing process and environmental factors that affects structure and system of organisational structure. to enable an understanding into organization as social system and various models and approaches for designing an appropriate organization structure and system.
Corporate Social Responsibility ECIRHRD 202 A	it will equipped students with strategic aspects of CSR like legal and morale duties of corporate and plan and execute programs for implementing CSR policies.