PROGRAMME OUTCOMES

POSTGRADUATE PROGRAMME

On successful completion of Postgraduate Degree Programme in our College the students will demonstrate the following:

Knowledge and Application:

- Conceptual and comprehensive understanding of subjects.
- Knowledge of methodologies.
- Skills to critically review and interpret issues applying the knowledge acquired in related disciplines.

Skills:

- Skills of effective time management and communication.
- Self-sufficiency in the technical skills acquired.
- Personal and professional ethical skills.

Research Proficiency:

- Ability to engage in independent and extended research (create and interpret knowledge) in their specialised field and interdisciplinary fields.
- Capability to present findings in dissertation form.
- Efficiency to provide novel solutions to complex problems.
- Flexibility to assimilate and accommodate the latest findings and current trends.

Career Development:

- Competence in learning and utilise the expertise gained in the domain of the respective subjects meeting the needs of the stakeholders.
- Ability to innovate methodologies for the development of industries and for the betterment of the society.
- Coordinate and collaborate effectively wherever placed.

PROGRAMME SPECIFIC OUTCOMES

M.A. English

- Proficient users and teachers of the English Language.
- Understand and appreciate the structure and development of the English Language.
- Sensitize to problems and issues faced by the society-social, cultural, political, economic and ecological.
- Creativity is kindled to voice opinions and views on life and matters.
- Critically evaluate Literature.

M.A. Corporate Economics

- Economics students in general will be able to pinpoint and understand the past, present economic conditions of the country. They will also be able to forecast the future course of changes and development through their knowledge of policies and programmes set by the governments and other development agencies. They are equipped with the techniques to find solution of the problems like mobilization of manpower and materials available in the country.
- Predict the impact of fiscal and monetary policy – use of deficits, changes in the money supply, etc. – on overall economic performance.
- Explain and discuss the determinants of economic growth.

M.Sc. Mathematics

- To develop problem-solving skills and apply them independently to problems in pure and applied mathematics.
- To assimilate complex mathematical ideas and arguments.
- To improve your own learning and performance.
- To develop abstract mathematical thinking.

M.Sc. Physics

- The students attain an understanding of the basic concepts of physics particularly in Classical Mechanics, Quantum Mechanics, Statistical Mechanics and all other related fields.
- The curriculum develops skills among students in designing Electronic circuits and to perform related programs using Microprocessor and Microcontroller.
- The syllabus is framed in such a way to initiate and motivate the students to pursue research in future.

M.Sc. Zoology

- Ability to use subjects learnt and practical knowledge to design experiments
- Develop scientific outlook (Convergent & divergent) to provide new ideas and solutions
- Modules in subjects of Bioinformatics, Biophysics, Economics Zoology, Statistics, Research Methodology etc., lead to efficient employability / Research skills.
- Equip students to perform functions that demand higher competence at National / International organizations.

M.Sc. Applied Psychology

- Students will be able to demonstrate superior knowledge of major theoretical perspective across different fields of psychology.
- Students will be able to exhibit in depth knowledge and acquire advanced level of competency in conducting projects and empirical research in the field of psychology.
- Students will be job ready to venture into the career of their choice and will be able to efficiently take up various roles in human resource field, work as counsellors, and psychologist in different settings or pursue higher education programs of their choice such as doctoral and M.Phil Programs.
- Students will be able to use psychological knowledge resolve personal, interpersonal, group, team organizational and social problems and will be capable of transferring psychological knowledge to new context and situations.
- Students will demonstrate an understanding of different assessment methods and decide a course of therapy or treatment related to issues in the field of psychology.
- Students will be able to apply core theoretical ideas, models and psychological techniques to assist others in dealing with personal, social and educational problems.
- Students will be able to recognize and understand ethical considerations and adhere to ethical principles respecting the values of society.
- Students will communicate in both written and oral, a clear and concise understanding of the concepts and its applications in life.
- Students will imbibe professionalism in thoughts and demeanour and display it at appropriate times.

M.Sc. Home Science Child Development & Child Nutrition

- To become nursery school teachers, child counsellors etc.
- Start a Nursery school
- Work in NGO's

M.Sc. Home Science Textile Science & Fashion Designing

- Apply the major theories, concepts and research procedures studied to contemporary social problems.
- Describe key historical and contemporary concepts, tools and use them in the development of textile technology and fashion industry.
- Employed in Research Development Organizations, Universities, Colleges, Quality Controller/ Quality Assurance Departments of Textile and Fashion.

M.Sc. Applied Microbiology

- Utilize microbiological concepts to summarize, analyze, and synthesize scientific and microbiology-related literature,
- Describe methodological information, Apply microbiological concepts and basic research findings through description, interpretation, and analysis,
- Articulate conclusions and implications of research, and communicate with both specialist and non-specialist audiences using genres commonly used in microbiology.

M.Sc. Computer Science

- Understand the basic concepts, fundamental principles, scientific theories and advanced topics related to computer science domain in a more intensive and dedicated manner.
- Apply theoretical knowledge in industry project work to broaden the industrial insight
- Adapt relevant methods and tools for analyzing complex real world problems and devise computer based solutions.
- Use appropriate research methods and techniques to interpret data and present scientific issues and research findings.
- Communicate effectively and professionally both in writing and by means of presentations
- Develop software industry related projects and research based contributory projects.

M.C.A

- Ability to design and develop computing systems using concepts of Mathematics, Computer Engineering and other related disciplines to meet customers' business objectives.
- Ability to test and analyze the quality of various subsystems and to integrate them in order to evolve a larger computing system.
- Develop software solutions to problems across a broad range of application domains through analysis and design.
- Contribute to research of their chosen field and function and communicate effectively, to perform both individually and in a multi-disciplinary team.

- Continue the process of life-long learning through professional activities; adapt themselves with ease to new technologies, while exhibiting high ethical and professional standards.

M.Com. Commerce

- Skills to critically review and interpret issues
- applying the knowledge acquired in related disciplines,
- Strengthen professionalism
- Gain expertise in interrelated subjects
- Skills of effective time management
- Communication,
- Self-sufficiency in the technical skills acquired,
- Personal and professional ethical skills,
- Demonstrate managerial skills to face the corporate world and its challenges,
- Ability to engage in independent and extended research in their specialised field and interdisciplinary fields
- Capability to present findings in dissertation form,
- Efficiency to provide novel solutions to complex problems,
- Flexibility to assimilate and accommodate the latest findings and current trends,
- Develop area of specialisation through industrial exposure,
- Competence in learning and utilise the expertise gained in the domain of the respective subjects meeting the needs of the stakeholders,
- Ability to innovate methodologies for the development of industries and for the betterment of the society,
- Coordinate and collaborate effectively wherever placed.

M.Com. Corporate Secretaryship

- Strengthen professionalism and gain expertise in interrelated subjects.
- Demonstrate managerial skills to face the corporate world and its challenges.
- Develop area of specialisation through industrial exposure.

COURSE OUCOMES FOR ALL POST GRADUATE PROGRAMMES OFFERED BY THE INSTITUTION

M.A ENGLISH			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MAIC1(6)	I	**Core 1**- Chaucer and the Elizabethan Age	• To identify and analyze representative works of the Elizabethan Age. • To explain the key aspects of the Elizabethan Age. • To evaluate the literary works with reference to their contexts.
MAIC2(6)	I	**Core 2**- The Age of Milton and Johnson	• Appreciate the Epic form and art of satirical writing such as mock-epic, allegory and parody. • Develop critical thinking skills. • Analyze the evolution and the salient features of Sentimental and Anti-sentimental comedy.
MAIC3(6)	I	**Core 3**- The Romantic and the Victorian Age	• Appreciate the differences in the poetic style of the Romantic and the Victorian Poets. • Trace the evolution of the genre of novel during the Victorian Age. • Analyze and evaluate the prescribed texts based on the social, political and historical contexts in which they were written
MAIC4(6)	I	**Core 4** – Practical - Creative Writing and In-House Magazine	• Creative Skills. • Interview Skills. • Presentation Skills
MAICE1A(6)	I	**Core Elective - 1A** - Copy Editing	• Be fortified with the basic skills and processes at work in the art of editing. • Develop a 'hawk's eye' to spot errors and produce a perfect error free document. • Master the vocabulary and be trained to 'edit' and present pertinent

			• information.
MAICE1B(6)	**I**	**Core Elective - 1B** - Canadian Literature	• Appreciate the literary works of Canadian Writers. • Analyse the text from the point of Cultural Studies. • Critically evaluate the writer's perspective of life in Canada.
MAIK1(6)	**I**	**Soft Skills(Department)** – Aural Oral Skills	• Master the LSRW Skills. • Imbibe leadership qualities • Develop a positive attitude. • Demonstrate the use of positive non-verbal communication. • Confidently participate in Group Discussions.
MAIIC5(6)	**II**	**Core 5** -Shakespeare	• Appreciate the relevance of Shakespeare's works even in this day and age. • Evaluate Shakespeare's plays in the light of their social, historical and political contexts. • Analyze Shakespeare's plays from the varied critical and theoretical perspectives included for study.
MAIIC6(6)	**II**	**Core 6**- Translation Studies	• Guided to read both SL and TL texts. • Trained in the art of comparative criticism and appreciation of regional literature. • Encouraged in translating texts of their choice which would help them to find careers in translating / publication industry.
MAIIC7(6)	**II**	**Core 7**- American Literature	• Understand the evolution of American Literature and its various genres. • Analyze the social, political and historical contexts in which the texts were written. • Have an awareness of the issues of race, class, and gender which impacted the writing.

MAIIC8(6)	II	**Core 8** - Literary Criticism	• Study the philosophical discussion on literature's goals and analyze its contribution to literary analysis. • Identify the author oriented approach to literature to understand the text. • Apply analytical theories to the texts in the syllabus.
MAIICE2A(6)	II	**Core Elective - 2A** - Contemporary Literature	• Display a working knowledge of the historical and cultural contexts of significant works. • Identify and describe distinct literary characteristics of contemporary literature. • Analyze literary works from various genres for their structure and meaning using correct terminology.
MAIICE2B (6)	II	**Core Elective - 2B**- Womens Literature	• Critically appreciate the universal nature of women's issues and find solutions • Empower/ Liberate oneself through the medium of literature • Analyze issues related to women.
MAIIEDP1(6)	II	**EDP 1** -New Areas In Knowledge Management	• A marked improvement in spoken English, pronunciation and grammar, reading and listening comprehension and vocabulary. • Communication and relationship building skills. • Leadership Skills and everyday business Operations.
MAIIK2(6)	II	**Soft Skills (Other Departments)** -English For Fluency And Accuracy	• Gain confidence in English language as a means of oral and written communications • Minimize or avoid grammatical errors while communicating in English Emerge as effective communicators
MAIIIC9(6)	III	**Core 9 –** Indian Writing In English	• At the end of the course, the students will be able to Develop and critically

			appreciate the texts
			• Analyze the multiple roles literature and culture play within political and social history and how this contributes to a deeper understanding of society
			• Comprehend the meaning of social, historical, linguistic and other cultural concepts in literary texts.
MAIIIC10(6)	**III**	**Core 10 –** Twentieth Century Literature	• Evaluate how the changes in socio political conditions effect changes in themes of literature
			• Understand the problems around the world and find solutions
			• Analyze the structure of Modernist approach to literature & Critical appreciate the theatre of the absurd
MAIIIC11(6)	**III**	**Core 11-** Theories And Methods Of English Language Teaching	• To understand the teaching and the learning process.
			• The students would be competent to select suitable methods to teach language skills.
			• Employ effective testing methods to evaluate and to take remedial measures.
MAIIICE3A(6)	**III**	**Core Elective - 3A**- Copy Writing	• Develop research skills (investigate fact, find, explore and analyze)
			• Refine writing skills
			• Write with empathy and persuade
MAIIICE3B(6)	**III**	**Core Elective - 3B** – Myth And Literature	• Learn to appreciate the different world views reflected in the myths and legends of various cultures
			• Appreciate and analyze how writers depict their collective unconscious through their writings
			• Draw parallels through comparison of different myths from different cultures.
			• To understand the evolution of

MAIIICE4A(6)	**III**	**Core Elective - 4A** – Australian Studies	Australian culture and literature from its parochial origins to the more broad based forms found today. • To analyze the prescribed texts from the nuanced and wider perspective that includes race, class and gender differences. • To appreciate the fact that literary representations can help in transforming Australian identity from the white, male Anglo Celtic beginnings to the present Multicultural society that celebrates diversity. • To evaluate the different ways in which Australians showed their resistance to the colonial project
MAIIICE4B(6)	**III**	**Core Elective - 4B** – The English Language	• Understand how the English Language evolved over the years. • Analyze the sounds of English and compare it with the other languages. • Evaluate the various schools of grammar • Build vocabulary and learn effective use of words in English • Appreciate and effectively use the English language
MAIIIEDP2(6)	**III**	**EDP 2 –** Skills for the Workplace (Other Departments)	• Face interviews confidently • Prepare effective presentations • Develop Aural-Oral communication • Draft office correspondence**.**
MAIIIK3(6)	**III**	**Soft Skills (Other Departments)** – Excel in English	• Students will be able to use the different forms of communication • Students will be able to demonstrate good manners and etiquette • Students will be able to draft effective Curriculum Vitae.
MAIVC12(6)	**IV**	**Core 12 –** Post Colonial Literatures in English	• Be aware of the concept of Postcolonial Literatures in English

			• Learn to critically analyse the texts prescribe from a Postcolonial perspective. • Develop a good knowledge of the impact of the colonial rule on the various nations and their literatures • Recognize the discriminatory practices prevalent during the colonial period. • Understand the nuances in the effects of colonialism on various countries.
MAIVC13(6)	IV	**Core 13 –** European Literatures in Translation	• Define the meaning of higher culture • Understand the universality of themes present in classical literature • Evaluate how religion or the concept of God shaped the culture of the respective societies. • Critically evaluate the issues concerning feminism.
MAIVP(6)	IV	**Project –** Term Paper	The Students will be able to • Demonstrate proficiency in critical thinking, communication fluency and specialised knowledge or applied learning • Demonstrate knowledge of the history or culture of the English language • Support interpretative claims about a variety of texts through critical thinking • Use research to assist in problem solving
MAIVC14(6)	IV	**Core 14** – Literary Theory	• Differentiate between literary criticism and literary theory. • Understand the implications of ideology on literary texts. • Analyse the socio-political and cultural contexts in which both literature and criticism is to be studied.
MAIVCE5A(6)	IV	**Core Elective - 5B** – Basics Of Corporate	• Students will be able to learn and practice etiquettes of social behaviour.

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
		Communication	• Will be able to demonstrate writing skills in official/corporate communication. • Display event management skills through planning and organization.
MAIVCE5B(6)	IV	**Core Elective - 5B** – Media Culture	• Access the advantages and disadvantages of interpersonal media and the mass media. • Relate the idea of cultural hegemony exercised by America with reference to any American News for CNN/M TV channel. • Generate the impact of media related publicity to the problems of the people and also analyse how the media helps in establishing the cultural values of the people.
MAIVK4(6)	IV	**Soft Skills (Department)** –Critical Thinking	• Interpret, analyze, and evaluate ideas and arguments. • Apply critico-creative thinking to other subjects and other contexts that come within the range of one's experience. • Render accurate judgments about specific things and qualities.
M.A ECONOMICS			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MIIC1(6)	I	**Core Paper 1 -** Micro Economic Theory – I	• Understand that economics is about the allocation of scarce resources, that scarcity forces choice, tradeoffs exist and that every choice has an opportunity cost. • Apply economic reasoning to individual and firm behavior. • Understand the major characteristics of different market structures and the implications for the behavior of the firm. • Understand the links between

			household behavior and the economic models of demand.
MIIC2(6)	I	**Core Paper 2 -**Indian Economic Development	- Develop an in-depth understanding of the Indicators of economic development and impeding challenges. - Apply economic theory in the context of India's Economic Growth and Development. - Analyze macroeconomic challenges and policy management in India. - Evaluate the current dominant thoughts and tools used for economic policy making and research. - Expose to quantitative data on various economic aspects and policies in India.
MIIC3(6)	I	**Core Paper 3** - International Trade And Relations	- Analyze the various reasons why countries engage in international trade, including the direction and volume of trade between nations. - Use models of trade to demonstrate the gains from exchange as well as the effects on income distribution within countries due to trade with foreign nations. - Analyze current issues and policies using the concepts of international trade theory.
MIIC4(6)	I	**Core Paper 4 -** Quantitative Techniques	- To correlate between two variables. - To estimate the data using regression. - To optimize the given problem with the help of linear programming.
MIICE1A(6)	I	**Core Elective Paper 1A -** Industrial Economics	Elaborate students' skills and abilities to use modern theoretical and empirical tools to formulate and solve economic problems related to

			industries.
			• Demonstrate knowledge and understanding of a set of analytical techniques which can be applied to a variety of economic (and noneconomic) problems.
			• Provide the students with a sound intuition into the specific features about small scale, cottage, large scale industries and industrial sickness.
MIICE1B(6)	I	**Core Elective Paper 1B** - Basic Econometrics	• Apply Economic Theory in the context of India
			• Evaluate the development process in India after independence
			• Critically analyze Indian Economic problems and measures in their contextual perspective.
MIIK1(6)	I	**Soft Skill Paper I -** Training For Competitive Exams	• To be confident in answering logical reasoning questions
			• To be able to achieve success in competitive examination
			• To develop analytical thinking skills
MIIIC5(6)	II	**Core Paper 5** - Micro Economic Theory II	• Identify and explain economic concepts and theories related to the behavior of economic agents, market imperfections, social norms, and government policies.
			• Demonstrate competence in both written and oral communication of economic theories and solutions.
			• Create explanations for new economic phenomena and innovative approaches to solve economic problems.
MIIIC6(6)	II	**Core Paper 6 -** Environmental Economics	• Have a detailed understanding of the discipline of environmental economics, including its key principles and methods.

			• Use economic techniques to analyze environmental problems and to assess environmental policies. • Develop research skills in the field of environmental economics.
MIIIC7(6)	**II**	**Core Paper 7** - Monetary Economics	• The demand for money process. • The transmission mechanism of monetary policy. • Reserve bank of India and modern banks independence and accountability.
MIIIC8(6)	**II**	**Core Paper 8** - Research Methodology	• To prepare a questionnaire for research. • To prepare a project proposal. • To write a research report and thesis. • To write a research proposal (grants).
MIIICE2A(6)	**II**	**Core Elective Paper 2A** - Corporate Communication	• To be able to communicate better. • To write their CV by themselves. • To participate in group discussions confidently.
MIIICE2B(6)	**II**	**Core Elective Paper 2B** - International Finance	• Demonstrate the ability to identify and manage the risks faced by globally active firms and apply their knowledge and problem-solving techniques in capital raising and international valuation to take advantage of opportunities in the global financial markets. • Explain roles played by international economic institutions and its impacts on the global operation and decision making of firms. • Analyze the factors that determine currency exchange rates and the impact of changes in exchange rates on exports and imports.
MIIIEDP1(6)	**II**	**Extra Disciplinary Paper**	• Design, conduct and interpret research and statistical analysis.

		–I Data Processing By SPSS Software	• Process data and generate statistical analysis for testing the relationship between variables using SPSS. • Generate graphs and diagrams for data analysis. • Generate research report.
MIIIK2(6)	II	**Soft Skill Paper 2-** Essentials Of Economics	• Identify the role of supply and demand in a market economy. • Appreciate the role of money in the economy • Discuss market system advantages and pricing.
MIIIIC9(6)	III	**Core Paper 9-** Macroeconomic Analysis - I	• Develop the ability to explain the core economic terms, concepts and theories. • Students will be able to describe the contemporary banking and monetary system, and analyse the role of money, credit and Federal Reserve monetary policy. • Apply economic reasoning to understand the operation of an economy.
MIIIIC10(6)	III	**Core Paper -10** - Public Economics I	• Critically assess the current motivations for and the efficacy of government intervention in the economy. • Effectively communicate the essence of taxation theory. • Critically analyze alternative taxation schemes.
MIIIIC11(6)	III	**Core Paper -11** - Development Economics	• Acquire a basic understanding of the issues and ongoing debates on development economics. • Apply an analytical framework to understand the important structural characteristics of development. • Acquire skills in conducting research related to development issues.
MIIIICE3A(6)	III	**Core Elective Paper -3** Health Economics	• Develop an understanding of importance of health and get a microeconomic framework to analyze, government intervention and

			• aspects of inequality and discrimination in health care. • Effectively and efficiently foster innovation within care settings. • Meet challenges on a multitude of levels within health care systems.
MIIIICE3B(6)	III	**Core Elective Paper 3-** Applied Managerial Economics	• As a result of completing this course, students will be able to: • Make investment decisions that increase firm value • Use game theory to predict how your actions influence those of others. • Make business and investment decisions in uncertain environments. • Use managerial economics in business decision making.
MIIIICE4A(6)	III	**Core Elective Paper – 4A** - Marketing Management	• Gain Knowledge of analytical skills in solving marketing related problems. • Compare and contrast different perspectives that characterize the study of consumer behavior. • Identify and explain methods for measuring and evaluating marketing performance and how marketing contributes to the financial value of the firm. • To forecast sales through market research. • To promote the product in a better way.
MIIIICE4B(6)	III	**Core Elective Paper -4B -** History Of Economic Thought	• Explain the evolution of modern economic theories. • Analyze the sources of controversies in modern economics. • Justify well-developed economic theories and distinguish them from inconsistent ones. • Identify the development of neoclassical marginalism, and to identify the areas of agreement and disagreement between the classical and neoclassical approaches in

			economics. • Enumerate the historical context and content of the Keynesian revolution, as well as the subsequent developments and criticisms of Keynesianism
MIIIIEDP2(6)	III	**Extra Disciplinary Paper -2** Economics Of Business Environment	• Discuss how the economic environment has significant impact on business decision making process. • Demonstrate how the economic problems have major impact on the business decisions making. • Explains how the government policies regulate the framework within which business has to function. • Critically evaluate, analyze and use appropriate technological tools in decision making process.
MIIIIK3(6)	III	**Soft Skill Paper 3** Women And The Economy	• Describe the social, economic, political, intellectual or cultural contributions of one or more women. • Get Motivated to become entrepreneurs. • Understand the role of various organizations which help women. • To overcome the exploitations happening towards women.
MIIVC12(6)	IV	**Core Paper – 12** Macroeconomic Analysis - II	• Demonstrate the ability to employ the economic way thinking • Analyse fiscal and monetary policy decisions to counter business cycle swings by using macro- economic models. • Be able to use critical thinking skills within the discipline of economics about economic matters
MIIVC13(6)	IV	**Core Paper -13 -** Public Economics II	• Understanding the role of public sector in the economy. • Effectively communicate the essence of budget. • Critically analyze the public debt.

MIIVC14(6)	IV	**Core Paper -14** - Economics Of Growth Models	• Describe the important models and theories in economic growth and their policy implications. • Apply an analytical framework to know the important structural characteristics of developed countries. • Acquire skills in conducting research related to maintain economic growth
MIIVQ(6)	IV	**Core Paper -15** - Project Report And Viva Voce	• Carry out a substantial research-based project • Demonstrate capacity to improve student achievement, engagement and retention • Demonstrate capacity to lead and manage change through collaboration with others • Analyse data and synthesize research findings • Report research findings in written and verbal forms • Use research findings to advance education theory and practice.
MIIVCE5A(6)	IV	**Core Elective Paper 5A -** Entrepreneurship Development	• Develop advanced knowledge about key processes necessary to bring new products and services to market and key challenges facing the entrepreneur at different stages of the entrepreneurial voyage. • Assess the commercial viability of new technologies, business opportunities and existing companies. • Adapt to changing circumstances that occur during the entrepreneurial process.
MIIVCE5B(6)	IV	**Core Elective Paper 5B -** Energy Economics	• To appreciate the need to conserve energy, be it be Renewable or Non-renewable • To realize the need to have differential pricing strategy for Energy • To explain the relationship between energy and sustainable development.
MIIVK4(6)	IV	**Soft Skill Paper 4 -** Data	• Design, conduct and interpret research

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
		Analysis Using SPSS Software	• and statistical analysis. • Process data and generate statistical analysis for testing the relationship between variables using SPSS • Generate graphs and diagrams for data analysis. • Generate research reports.
		M.Sc ZOOLOGY	
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MBICI(6)	**I**	**Core Theory 1** - Phylogeny Of Invertebrates	• Identification of the species studied • Identification of protozoan and helmith parasites. • Relate the importance of taxonomy in classification of animals. • Differentiate the structural and functional peculiarities of minor phyla.
MBIC2 (5)	**I**	**Core Theory 2** - Phylogeny Of Chordates	• Able to identify the evolution of chordates • State the major characteristics of all vertebrates. • Use examples to demonstrate the diversity of living organism
MBIC3 (5)	**I**	**Core Theory 3** - Molecular Biology Of The Cell	• Contemplate the processes of the individual cell compartments for the functioning of the cell as a whole. • Identify the molecular processes that occur in and between cells. • Apply the principles and techniques of molecular biology for further education
MBCE1A(5)	**I**	**Core Elective 1 A -** Biostatistics	• Interpret population parameters and sample statistics. • Compute mean, deviation, correlation and variance of samples. • Execute statistical inference of scientific data.
MBCE1B(5)	**I**	**Core Elective - 1B -**	• Describe the contents and

		Bioinformatics	properties of the most important bioinformatics databases and sequence analysis • Predict the secondary and tertiary structure of protein sequences • Explain the major steps in Pairwise and multiple sequence alignment. • Competence use of bioinformatics software, tools in their area of research • Apply online resources and databases to gain access to sequence data and literature information
MBIIC4(5)	**II**	**Core Theory 4 –** Human Genetics	• Interpret a karyotype and describe the syndromes in man. • Prepare a pedigree chart of one's family and elucidate the mode of inheritance of a genetic disorder. • Identification of Blood groups and its mode of inheritance
MBIICE2A(5)	**II**	**Core Elective – 2A** Biotechnology And Nanotechnology	• Apply the techniques of bioremediation. • Compile the procedure of Patenting. • Identify the tools used for making nanostructure
MBIICE3(5)	**II**	**Core Elective 3 -** Biophysics	• Recall the structure of an atom and biomolecules. • Justify the various biophysical concepts • Explain the mechanisms underlying various life processes. • Investigate the various biophysical aspects involving photo biophysics. • Interpret the various interactions using imaging mechanisms.
MBIIS1(5)	**II**		• Write the different kinds of natural and man made disasters

		Elective 1 Supportive Disaster Management	- Relate the first aid and safety measures in disaster preparedness. - Generalize the national and international agencies for disaster management and mitigation. - Analyze the cause of disasters.
MBIIK2(5)	**II**	**Soft Skill 2 –** Solid Waste Management	- Define the solid waste and its components. - Classify different types of hazardous wastes. - Distinguish between E-waste and chemical waste. - Justify the disposal methods of biomedical wastes. - Design a case study on MSW.
MBIIIC8(5)	**III**	Developmental Biology	- Analyze the major concepts like , gametogenesis, in the development of an organism. - Determine the neuroendocrine control of sexual cycles. - Differentiate the sperm, egg recognition in animals, axis and pattern differentiation in invertebrates and limbs in vertebrates. - Evaluate the differential activation of genes and to compare with the molecular basis of stem cells. - Device the techniques in ART and to interpret ,quantitative data using scientific methods.
MBIIICE5(5)	**III**	**Core Elective** - Research Methodology	- Describe the scientific writing process and its key stages. - Organise and compose a scientific paper in accordance with the model. - Analyse and review scientific paper in terms of key message consistency and justification. - Reflect on the ethics in scientific

			writing.
MBIIICE3B(5)	**III**	**Core Elective- 3B** Teaching Methodology	• Define microteaching to acquire skill of teaching • Distinguish the aims, objective and specification of lesson plan and unit plan • To explain the significance of cognitive development • Apply technology for efficient teaching • Design case study for the diagnose of learning disability
MBIIIK3(5)	**III**	Soft Skill - Presentation Skills	• Design an effective presentation. • Prepare a compelling presentation. • Determine and develop different presentation styles to engage audience. • Ways to overcome nervousness during presentation
MBIVC10(5	**IV**	**Core Elective 10** – Fishery Biology	• To learn techniques involved in the culture of various organisms. • To understand the structure and function of aquatic eco system • To demonstrate basic knowledge of the biology taxonomy, physiology, anatomy, and habitat need. • To design and construct with pond based on the Recent technology and sophisticated methodology. • To utilize the developed expertise in concepts, theories and emerging methodologies to succeed in tracking real world issues in aquaculture and aquatic science
MBIVCII(5)	**IV**	**Core Theory 11** - Vertebrate Physiology	• Analyze the key concepts ,including mechanisms of homeostasis by physiologic control systems. • Determine the respiratory disorders in man and also renal diseases. • Differentiate types of heart and cardio

			vascular diseases.
			• Evaluate the physiology of muscle contraction and its biochemical and physiological aspects.
			• Device endocrine functions and hormonal control and to interpret with endocrine disorders.
MBIVCE4A(5)	IV	**Core Elective – 4B** Microbiology	• Cite multiple microbiology disciplines , its core theories and practices
			• Develop skills in the design and execution of culture techniques
			• Describe the applications of microorganisms in various fields.
			• Apply microbiological concepts for basic research findings through interpretation and analysis.
MBIVCE4A5	IV	**Core Elective 4B** - Medical Parasitology	• Identify parasites of medical interest.
			• Illustrate life cycle and treatment of parasitic diseases.
			• Analyze and confirm the presence of parasites.
			• Elucidate the vectors transmitting diseases and their control measures.
MBIVCE5A(5)	IV	**Core Elective 5 A** – Biodiversity	• Define Biodiversity and Classify the types of biodiversity.
			• List out the flora and fauna of the Red data book .
			• Explain the various protection act of animals.
			• Interpret the importance of the biodiversity policies of the Government.
			• Compare and contrast the multi lateral treaties (Govt & NGO).
MBIVCEB(5)	IV	**Core Elective - 5B** – Economic Zoology	• List out the benefits of animal rearing.
			• Explain the pest control methods.
			• Schedule a technique for honey bee

| | | | rearing. |
| | | | • Illustrate the different types of animal culture. |

M.Sc APPLIED PSYCHOLOGY			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MCIC1(6)	**I**	**Core-1** Cognitive Psychology	After completing the course the learner will be able to: • Identify and describe the different concepts of cognitive psychology. • List different paradigms, describe basic processes of perception and attention and evaluate different theories of attention • Describe major constructs memory, thinking, problem solving, creativity and decision making.
MCIC2(6)	**I**	**Core-2** Counseling Process and Skills	After completing the course the learner will be able to: • Define and distinguish between counseling and psychotherapy • Establish the counseling process and apply the counseling skills through practice sessions • Define the ethics in counseling and its dimensions • Contrast the phases of counseling processes
MCIC3(6)	**I**	**Core-3** Psychopathology	After completing the course the learner will be able to: • Define and distinguish between DSM and ICD system of classification. • Discuss the different types of Neuro developmental disorders. • Contrast the different types of mental disorders by clinical picture.
MCIC4P(6)	**I**	**Core -4** Psychological Assessment	After completing the course the learner will be able to:

		– I (Practicals)	• Perform the 10 experiments with aim, materials required, describe the tools used, explain the procedure and tabulate results, discuss and draw conclusions. • Define concepts of psychological testing. • Discuss uses, merits and demerits of the above mentioned psychological tests.
MCICE1(6)	**I**	**Core Elective -1** Health Psychology / Psychology of Criminal Behavior	After completing the course the learner will be able to: • Define and explain the principles in health psychology that are used to change health behavior. • Compare and contrast the different stress coping strategies. • Describe the advantages of health enhancing behavior. • List and describe the different psycho physiological disorders. • Explain the different theories of pain and summarize the different methods to treat pain.
MCICE1(6)	**I**	**Core Elective 1** Criminal Behavior	At the end of the course the learner will be able to: • Define crime and the criminals. • Enumerate the causes of committing crime. • Identify and describe the various therapies in preventing offenders. • Explain the assessment of offenders. • Explain the rehabilitation of the offenders.
MCIK1(6)	**I**	**Soft Skill-I(Department)** Personality Enrichment (Project)	After completing the course the learner will be able to: • Prepare module and conduct programmes for school children

			• To enhance their personality.
MCIIC5(6)		Core-5 Personality Theories	After completing the course the learner will be able to: • Define and describe the various theories of personality, role play the common characteristics. • Explain the different assessment techniques and strategies for measuring personality. • Compare and contrast major classical theories of personality (i.e., humanism, psychoanalytic/psychodynamic, behaviorism, cognitive, and social-cognitive theories of personality); • Describe the main concerns of trait theorists. • Define the main components of the five-factor model of personality.
MCIIC6(6)	II	Core-6 Advanced Organizational Behavior	After completing the course the learner will be able to: • Explain the current trends in OB • Describe the motivation, emotions and mood in organizations • Discuss the perception and applications of learning in organizations • Enumerate the dimensions of organizational structure • Describe the decision making process in organizations
MCIIC7(6)	II	Core-7 Research Methodology	After completing the course the learner will be able to: • Define research, and describe its meaning, objectives and types, • List the problems faced by researchers in India, construct hypothesis, explain different research designs, use different sampling methods and

			statistical techniques, interpret and write a report.
MCIIC8P(6)	**II**	**Core-8** Psychological Assessment – II (Practicals)	After completing the course the learner will be able to: • Perform the 10 experiments with aim, materials required, describe the tools used, explain the procedure and tabulate results, discuss and draw conclusions. • Define concepts of psychological testing. • Discuss uses, merits and demerits of the above mentioned psychological tests.
MCIICE2(6)	**II**	**Core Elective -II** Rehabilitation Psychology	After completing the course the learner will be able to: • Define concepts in disability. • Explain causes, factors and types of disability. • Enumerate the assessment techniques and its intervention. • Elucidate on the programmes organized by the government. • Highlight on the various supports services of rehabilitation.
MCIIC8P(6)	**II**	Consumer Behavior, Marketing and Advertising	After completing the course the learner will be able to: • Define consumer behaviour • Describe the consumer research process • Identify and describe the different concepts of advertisement and marketing • Analyze and evaluate principles of customer relationship management • Enumerate the personality in relation to consumer behaviour • Describe the consumer decision making process and its characteristics
MCIIEDP1(6)	**II**	**EDP (Other Department)**	After completing the course the learner will be able to:

		Enhancing Interpersonal relationships	• Use more complementary transactions, avoid games, ulterior transactions and crossed transactions. • Use more unconditional positive strokes and conditional negative strokes while giving feedback. • Identify their own ego states, life positions and the way they are structuring time. • Will effectively use different tips and techniques to improve communication, team spirit.
MCIIK2(6)	**II**	**Soft Skill-II(Other department)** Coping with Stress.	After completing the course the learner will be able to: • Define stress, be able to employ techniques to overcome it. • Analyze thinking errors and be able to change negative imagery; • Will be assertive and use time management techniques; analyze self esteem and self image.
MCIIIC9(6)	**III**	**Core-9** Clinical Psychology	After completing the course the learner will be able to: • Discuss the varieties of clinical interviews • Analyze the various assessments of memory, intelligence and personality. • Will be able to analyze the various behavioral assessments methods.
MCIIIC10(6)	**III**	**Core-10** Behavior Therapy in Different Settings	After completing the course the learner will be able to: • To summarize the history of behavior therapy, explain the current concepts and characteristics, behavior therapy. • describe the model for assessment, choose the most appropriate assessment to asses different psychological disorders

			• choose and use the most appropriate behavioral interventions to treat anxiety, depression, addictive behaviors, enuresis • Use behavioral intervention in educational settings.
MCIIICE(3)6	**III**	**Core Elective -III** Case Study / Mini Project	After completing the course the learner will be able to: • Write a clinical case study with chief complaints, onset, course, precipitating factors, history of presenting illness, socio occupational dysfunctions, history of organicity, history of medical illness, treatment history, family history, past medical and psychiatry history, personal history, birth and developmental milestones, childhood temperament and behavior, physical illness and emotional situations in childhood, schooling and education, occupation, marital history, habits including dietary and substance, pre-morbid history including social relations, intellectual activities, mood, character • Write a mental status examination with general appearance, psychomotor behavior, mood and affect, speech, cognition, thought patterns and levels of consciousness • Conduct appropriate psychological assessment and interpret and discuss results and give appropriate suggestions and recommendations • Conduct the survey, using a self developed questionnaire, analyze data using percentage analysis, graphically illustrate the data using either bar graphs or pie charts, discuss the

			results, write conclusions, identify limitations and suggest implications
MCIIICE4(6)	**III**	**Core Elective -IV** Educational Psychology	After completing the course the learner will be able to: • Define what is educational psychology and explain the concept of teaching • Describe the learning theories and its applications • Relate the social cognition theory in classroom setting Discuss the behavioral view of motivation
MCIIICE4(6)	**III**	**Core Elective -IV** Psychology of Sports	After completing the course the learner will be able to: • Explain sports psychology with its scope. • List the characteristics of cognition in sports. • Elaborate on the strategies to develop attention. • Enumerate the modern perspectives of personality in sports. • Compare and contrast the long-term and short-term psychological preparation for competition.
MCIIIEDP2(6)	**III**	**EDP II (Other Department)** Fostering Well Being	After completing the course, the learner will be able to: • Analyze the psychological factors and their role in fostering health and wellbeing. • Use strategies to arrive at decisions and solve problems effectively and creatively. • Apply techniques to forgive, be grateful change limiting beliefs and increase self awareness.
MCIIIK3(6)	**III**	**Soft Skill-III(Other Department)** Life Skills Education.	• Explain the concept of life skills. Analyze its relevance to life • Demonstrate the use life skills at appropriate times.

			• Identify stressors and list stress management methods.
MCIVC12(6)	**IV**	**Core-12** Human Relations in Organizations	After completing the course the learner will be able to: • Explain the concepts and skills related to human relations. Identify conflicts and resolve with appropriate management styles. • Describe different types of organisational politics and how it affects behavior, human relations and performance. • Understand the need for change management and importance of improving the organizational culture and climate. • The measures to increase productivity and implement/ incorporate participative management techniques
MCIVC13(6)	**IV**	**Core-13** Psychotherapy	At the end of the course the learner should be able to: • Explain the theoretical basis of psychotherapies based on Psychoanalytic, Person-centered, Gestalt, REBT, CBT, TA and SFBT principles and describe the processes and techniques involved in different psychotherapies. • Apply some of the techniques used in Psychoanalytic, Person-centered, Gestalt therapies as well as REBT, CBT, TA and SFBT. • Compare and contrast the theoretical assumptions and therapeutic techniques of Psychoanalytic, Person-centered, Gestalt, REBT, CBT, TA and SFBT.
MCIVC14(6)	**IV**	**Core -14** Training Theory and	• Describe in Detail Various Components of Training Psychology.

		Practice	• Describe and demonstrate Self Management and Class room Management Skills • Design a Training Programme • Conduct a Training Programme
MCIVC15(6)	IV	**Core -15 Project** Dissertation / Case studies	
MCIVCE5(6)	IV	**Core Elective -V** Neuropsychology / Psychology of Gender	• The primary objective of this course is enable the student develop an understanding of the basic anatomy of brain and lobar functions • The course aims at introducing them to understand different neurological disorders and neuropsychological assessment
MCIVCE5(6)	IV	**Core Elective -V** Psychology of Gender	After completing the course the learner will be able to: • Define psychology of gender and explain social construction of gender. • Elucidate on philosophical and political issues surrounding gender. • Explain the barriers to closeness in male friendship. • Elucidate on the conflict management. • Highlight on the social support, marriage and bereavement on health
MCIVK4(6)	IV	**Soft Skill-IV (Department)** Positive Psychology	At the end of the course the learner will be able to: • Define and describe key concepts of positive psychology such as resilience, gratitude, forgiveness, optimism, hope and mindfulness. • Identify character and talent strengths for effective functioning. • **Role play, discuss and explain how to develop** resilience, gratitude, forgiveness, optimism, hope and mindfulness.
MCIVC15(6)	IV	**Project report / Dissertation**	After completing the course the learner will be able to:

			• Describe the process of Dissertation based on topic of interest of the student .
			• Explain the planning of the research proposal and execution of research.
			• Analyse the data, discuss and draw conclusions

M.Sc CHILD DEVELOPMENT AND CHILD NUTRITION			
COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MEIC1(8)	I	**Core – 1 –** Child Development	• Identify the major developmental milestones of children from conception through elementary school age in the area of physical, psychological, cognitive, and language development. • Spell out the advantages of public health measures for the pregnant and lactating mothers
MEIC2(8)	I	**Core 2 –** Maternal and Child Nutrition	• Comprehend the importance of antenatal, perinatal and postnatal care • Apply their learning to plan menus for pregnant and lactating women as well as infants, toddlers and preschoolers.
MEIC3(8)	I	**Core – 3 –** Early Childhood Education	• Plan preschool curriculum and programmes along side its principles • Demonstrate knowledge about budgeting, administration and documentation in nursery school.
MEIC4P1(8)	I	**Core 4 Practical – 1 –** Life Span Development and Nutrition Pratical	• Assess infant's abilities using APGAR Scale, their creativity level and also anthropometric measurements and compare it with standards. • Assess the dietary patterns of school going children.
MEICEIA(8)	I	**Core Elective – 1 –** Nutrition for children under Special Conditions	• Examine the nutritional needs and medical nutrition therapy of infants, children and adolescents under pediatric conditions and chronic illnesses • Examine the effect of the sport on the

			nutritional intake of children and adolescents
MEICEIB(8)	I	Nutrition Education - Planning and Execution	• Formulate objectives and evaluate the effectiveness for a nutrition education program. • Conduct an effective education session on at least one nutritional problem
ME1KI (8)	I	**Soft Skill 1 (Dept)–** Job Skills Development	• Know the importance of communication in life and work place • Improve on formal speaking, preparation of presentation, delivery tools and goal setting
MEIIC5(8)	II	**Core-5 –** Development Through adolescence till Old Age	• Identify the important aspects of physical, psychological and emotional changes during adolescence • Know about physiological, biological, sociological and psychological adjustments of old age and also about the institutions and organizations catering for the welfare of the aged
MEIIC6(8)	II	**Core – 6** – Child Guidance and Counselling	• Develop skills required to become a counsellor. • Play a pivotal role in guiding parents of exceptional children to face challenges and also set up guidance centre in schools and colleges
MEIIC7(8)	II	**Core – 7** – Childhood and Adolescent Nutrition	• Identify the feeding problems in school age children • Know about the nutritional and psychological care of the pregnant adolescent
MEIIC8P2(8)	II	**Core 8 Pract – 2 –** Early Childhood Education Pract	• Prepare case profile and week's menu for a nursery school child. • Plan, implement and evaluate theme based programme.
MEIICE2A(8)	II	**Core Elective –2A –** Transition to Critical Family Situations	• Acquire the concept of adjustment to step family living • Understand the various parenting styles

			and its impact on children behaviour
MEIICE2B(8)		**Core Elective – 2B** - Women's Studies	- Awareness about women welfare schemes - Appraise and spread awareness regarding the legal rights of women - Establish themselves as women entrepreneurs
MEIIEDP1(8)	**II**	**EDP 1 –** Fundamentals of Management and Counselling	- Play a pivotal role in guiding individuals to face challenges - Develop management skills required for employers and also apply knowledge to manage problems specific to marriage
MEIIK2(8)	**II**	**Soft Skill II – (Other Dept) -** Perspective of Marriage and Parenthood	- Employ methods to make marriage successful - Analyze the various factors influencing Indian family and also plan for parenthood
MEIIIC9(8)	**III**	**Core- 9 –** Research Methodology	- Identify research methods which will facilitate the understanding of basic statistics - Summarize the overall process of designing a research study from its inception to its report.
MEIIIC10(8)	**III**	**Core – 10 –** Children with Special Needs – Their Care and Education	- Analyze early intervention, special education and inclusive strategies as observed in classroom setting - Address specific challenges and strengths and counselling for parents of special children
MEIIIC11P3(8)	**III**	**Core 11 Pract – 3 –** Child Guidance and Diet Counselling Pract	- Apply the different techniques and tools used in evaluation of patients in child guidance clinics. - Plan diet for special children
MEIICE4A(8)	**III**	**Core Elective – 3A –** Child Abuse and Child Labour	- Develop awareness of when and why child maltreatment occurs and also develop skills to solve diverse child protection issues - Employ legal rights and policies in

			combating child abuse and child labour
MEIIICE3B(8)	III	**Core Elective – 3B -** Family Demography	• Examine distribution patterns to promote health and improve the quality of life • Apply and illustrate the advantages of adopting for small family norms
MEIIICE4A(8)	III	**Core Elective – 4A –** Effective Interpersonal Relationships	• Resolve conflicts and demonstrate listening skills to improve communication and recognize the communication styles and evaluate body language • Apply interpersonal theories for analyzing and evaluating a variety of relationships
MEIIICE4B(8)	III	**Core Elective – 4B -** Human Right and Social Evils	• Know the importance of the Indian Constitution and human rights • Acquaint about women rights, family rights and rights related to health and work
MEIIIEDP2(8)	III	**EDP II** – Fundamentals of Nutrition for Good Health	• Know the composition and nutritive value of foods from different food groups • Identify the role of nutrients in human body and examine the changes that different food stuffs undergo when subjected to heat or other processing techniques and ways to prevent undesirable changes and nutrient loss
MEIIIK3(8)	III	**Soft Skills – 3** – (Other Dept) – Art of Understanding Being Understood	• Evaluate the different types of communication and choose them appropriately • Apply skills learnt to master listening skills and gather information. • Apply communication skills to resolve conflict and make decisions.
MEIVC12(8)	IV	**Core – 12 –** Nutrition related Health Problems in Children	• List the predisposing factors for the common nutrition related health problems of children • Perceive the prognosis of the various deficiency disorders and the common health problems of children and also to determine the measures to be taken for the

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
			prevention / effective nutritional management of the health problems of children.
MEIVC13(8)	IV	**Core – 13 –** Techniques in studying Human Development	• Analyse and assess human development by utilizing different tools • Know the important ethical issues of children, adolescents and adults
MEIVC14P4(8)	IV	**Core 14 Pract - 4 –** Pediatric Nutrition Pract	• Know the principles of diet planning for various disease conditions in pediatric population • Apply the learnt skills for preparation the diets for the different pediatric disease conditions
MEIVCE5A(8)		**Core Elective – 5A –** Health Psychology	• Demonstrate ability to deal with stress • Construct health enhancing intervention programmes
MEIVCE5B(8)	IV	**Core Elective – 5B -** Youth Support	• Assess the strengths and needs of youth support work • Assess youth wellbeing
MEIVK4(8)	IV	**Soft Skill – 4 (Dept) –** Community Nutrition	• Analyse the nutrition related problems prevailing in the community • Relate the nutritional intervention schemes and policies in the welfare of the community and also to plan, conduct and evaluate the nutrition intervention program for the community.
M.Sc TEXTILE SCIENCE AND FASHION DESIGNING			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MDIC1(6)	I	**Core – 1 -** Sewing Technology	• Identify and explain the function and proper care of the sewing machine and its attachments. • Possess the skills and techniques necessary for modern cutting technology.
MDIC2(6)	I	**Core- 2 -** World Costumes And Textiles	• To identify and discuss concepts related to the origin and historical

			background of costumes and textiles.
			• To influence the sense of design, symbolism of motif and colors of the traditional textiles of the world.
MDIC3(6)	**I**	**Core- 3 -** Textile Chemistry	• Recall the basic concepts of classification and properties of textiles.
			• Evaluate the various kinds of textile finishes according to their application and utility.
MDIC4P1(6)	**I**	**Core- 4- Practical – I** Pattern Making	• Prepare samples of basic seams and seam finishes.
			• Develop patterns used in the construction of garments.
MDICE1A(6)	**I**	**Core Elective – 1A-** Fabric Science	• Analyze and identify the fibre content, the yarn structure and method of manufacture of textile fabrics.
			• Describe the basic care and maintenance of home textiles.
MDICE1B(6)	**I**	**Core Elective – 1B -** Fabric Care	• Find and evaluate information on the utilization of water for laundry.
			• Develop skills in proper care and renovation of textile products.
MDIK1(6)	**I**	**Soft Skill – I (Department)** Fashion Entrepreneurship	• Critically analyze the changing nature in fashion entrepreneurship .
			• Apply principles of entrepreneurship, new ventures, creations and business development to make decisions in the fashion industry.
MDIIC5(6)	**II**	**Core – 5 -** Textile Testing	• Spell out standard conditions required for textile testing adopted worldwide.
			• Critique a wide variety of technical tests done in fiber, yarn and fabric analysis.
MDIIC6(6)	**II**	**Core – 6 -** Fashion Merchandising	• Recognize the value of team work as they practice leadership roles and

			• ability in various team oriented activities. • Focus on effective application of management theories through pro active program of experiential opportunities and task.
MDIIC7(6)	**II**	**Core - 7**-Technical Textiles	• Demonstrate understanding of the requirements of textiles materials in composites, geo textiles, automotive and medical applications. • Describe a range of non woven production techniques and their relative merits.
MDIIC8P2(6)	**II**	**Core 8- Practical - II** – Apparel Construction	• Identify the various tools required for measuring, marking and cutting fabrics. • Compare the different pattern layouts and select the economical placement
MDIICE2A(6)	**II**	**Core Elective - 2** – **Practical** – (2 A) Fashion Draping	• Define draping and identify the various tools and equipments required for draping. • Apply the concepts and principles of draping on the dress form.
MDIICE2B(6)	**II**	**Core Elective** (2 B) Flat Pattern Technique	• Develop the various methods of creating designs with flat pattern technique. • Create variations in the garments by flat pattern technique.
MDIIS1(6)	**II**	**Extra Disciplinary – 1-Supportive-** Fashion And Style (To Other Department)	• Find out the various fashion factors affecting fashion changes. • Define fashion and know the importance of fashion.
MDIIK2(6)	**II**	**Soft Skill – II - Practical-** Textile Ornamentation (To Other Departments)	• Identify the various art done on textiles. apply the various embroidery stitches

			on the fabrics
MDIIIC9(6)	**III**	**Core – 9 -** Research Methodology	• Identify the overall process of designing a research study from its inception to its report. • Distinguish a purpose statement, a research question or hypothesis and a research objective.
MDIIIC10(6)	**III**	**Core- 10** -Textile Design	• Develop creative abilities to respond to design through exploration of materials and processes. • Examine, create and evaluate a variety of textile design application suitable for clothing and textile items.
MDIIIC11P3(6)	**III**	**Core -11 -Practical-III** – Textile Design	• Develop creative abilities to respond to design through exploration of materials and processes. • Examine, create and evaluate a variety of textile design application suitable for clothing
MDIIICE3A(6)	**III**	**Core Elective- 3A** – **Practical -** Surface Ornamentation	• Develop creative abilities to respond to design through exploration of materials and processes. • Create a variety of surface designs application suitable for clothing and textile items.
MDIIICE3B(6)	**III**	**Core Elective- 3B -** Thread And Yarn Inspiration	• Create a variety of designs using thread and yarns suitable for clothing and textile items. • Extend the use of yarn decoration to real situation in life in relation to textile and fashion.
MDIIICE4A(6)	**III**	**Core Elective- 4A** Traditional Indian Costumes	• Trace the historical background of the ancient costumes of India. • Identify the important costume changes that has occurred from past to current trends.

MDIICE4B(6)	III	**Core Elective - 4B -** Traditional Indian Textiles	• Trace the historical background of the ancient textiles of India. • Identify the important costume changes that has occurred from past to current trends.
MDIIID(6)	III	**Extra Disciplinary – 2 – Inter Disciplinary-** Fabric Dyeing And Printing (To Other Departments)	• Explain the importance of dyeing and the objectives of dyeing and printing. • Identify the difference between dyeing and printing techniques.
MDIIIK3(6)	III	**Soft Skill – III - (To Other Departments)** Women Entrepreneurship	• Define entrepreneurship and understand the role of women entrepreneurs in textile industry. • Identify the problems faced by a women entrepreneurship and find out ways to solve the problems.
MDIVC12(6)	IV	**Core – 12 -** Fashion Designing	• Find out the various fashion factors affecting fashion changes. • Define fashion and know the importance of fashion.
MDIVC13(6)	IV	**Core – 13 -** Quality Control	• Design and perform experiments to determine critical areas of product evaluation. • Analyse the results and form conclusions for quality improvement
MDIVC14P4(6)	IV	**Core 14-Practical - IV –** Fashion Portfolio	• Adapt their artistic abilities to support their future design careers. • Assess, propose and apply various techniques related to drafting, draping and constructing garments.
MDIVQ(6)	IV	**Core 15-** Project	• Undertake an independent piece of research in the area of fabric and apparel science related to the historical or contemporary issue that contributes to the advancement of knowledge. • Identify and apply the appropriate tools

			and method of research.
MDIVCE5A(6)	IV	**Core Elective -5A -** Textile Marketing	• Identify and analyze strategic marketing theories and practices of fashion and textile organization. • Develop strategic marketing plans to address specific industry and stake holder needs.
MDIVCE5B(6)	IV	**Core Elective - 5B -** Textile Economics	• Explore the past and present economic, political and symbolic factor that have influenced the textile industry of India. • Understand and interpret global issues related to textile production and consumption and how it affects the textile manufacturer.
MDIVK4(6)	IV	**Soft Skill –IV- (Department)** Textile Cad	• Analyze the preparatory processes of weaving and various mechanisms of shuttle looms. • Apply comprehensive design skills to design textile through weaving and demonstrate
M.Sc MATHEMATICS			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MLIC1(6)	I	**Core 1** - Algebra – I	• Attain skills to comprehend the concepts of Conjugates, the Class Equation and Sylow's theorems • Gain knowledge on linear transformations and different canonical forms like Jordan canonical form and Rational canonical form
MLIC2(6)	I	**Core 2** - Real analysis	• Attain skills to identify the properties of bounded and total variation and to express the difference of the increasing function • Develop an attitude to assimilate

			lucidly about Riemann – Stieltjes Integration and Riemann Condition with respect to upper and lower integrals of monotonically increasing integrators and its linear properties
MLIC3(6)	I	**Core 3** - Ordinary Differential Equations	• Acquire skills to identify and solve initial value problems of second order differential equations • Gain knowledge on finding solutions of first order equations using successive approximations and convergence of successive approximation
MLIC4(6)	I	**Core 4 -** Differential Geometry	• Acquire skills in solving typical problems associated with the theory • Develop an attitude to understand the basic concepts in geometry of curves and surfaces in Euclidean space
MLICE1(6)	I	**Core Elective 1** - Object Oriented Programming with C++	• Develop skills on fundamentals of C++ programming language • Gain knowledge to evaluate and apply the concepts of inheritance and polymorphism among classes
MLICE1(6)	I	**Core Elective 1** Probability Theory and Mathematical Statistics	• Develop an enhanced attitude towards comprehending the types of distributions of the statistic • Gain knowledge on Conditional probability, Baye's Theorem and Formulation of Estimators and its various types
MLIK1(6)	I	Personality Enrichment	• Develop their skills in the art of speaking • Gain knowledge on time and stress management and to develop their interview skills
MLIIC5(6)	II	**Core 5 -** Algebra-II	• Develop an attitude towards Fields, Extension of fields, Characterization of finite normal extensions and

			Splitting fields
			• Gain knowledge about properties of finite fields, Galois theory and concept of Radical field extensions
MLIIC6(6)	**II**	**Core 6** - Measure Theory and Integration	• Acquire skills to explore the fundamentals of Measure Theory and its Integration with regard to the Real variables and non – negative functions • Obtain an enhanced knowledge about signed Measures and interpret Hahn decomposition and Jordan decomposition
MLIIC7(6)	**II**	**Core 7** - Partial Differential Equations	• Acquire skills to solve Cauchy problem of first order equations and solve compatible system of first order equations using Charpit's method • Gain knowledge on occurrence and derivation of Laplace and Poisson equations
MLIIC8(6)	**II**	**Core 8** - Number Theory and Cryptography	• Acquire skills to encrypt and decrypt the data • Develop an attitude towards the idea of public key cryptography
MLIICE2P1(6)	**II**	Object Oriented Programming With C++ and Numerical Methods (Practicals)	• Develops their skills to apply the concepts of programming with C++ in Numerical Methods • Gain knowledge on programs on Constructors and inheritance
MLIICE2(6)	**II**	**Core Elective** Combinatorics	• Develop an attitude towards Inclusion and Exclusion principle and applications of the Sieve formula • Gain knowledge on Symmetric functions and Basic combinatorial numbers
MLIK2(6)	**II**	Functional Mathematics	• Acquire an enhanced attitude towards Stocks and Shares • Develop knowledge on Percentages and Polygons

MLIIIC9(6)	III	**Core 9 -** Topology	• Develop skills to identify precisely a collection of subsets of a given set equipped with topological space • Gain an enhanced knowledge on continuous function, Product Topology and Metric Topology
MLIIIC10(6)	III	**Core 10 -** Complex Analysis	• Acquire skills to compute definite integrals using residue calculus • Develops an attitude to appreciate series and product development
MLIIIC11(6)	III	**Core 11** - Calculus of Variations and Linear Integral Equations	• Acquire skills to solve one-sided variations problems and moving boundaries problems • Gain knowledge to reduce integral equations to a system of Algebraic solutions and to expand Kernels as Eigen functions and bilinear form
MLIIICE3(6)	III	**Core Elective 3 -** Tensor Analysis	• Acquire skills on the fundamental mathematics of Tensors that are important for higher learning • Develop an attitude to solve mathematical problems involving Tensor analysis
MLIIICE3(6)	III	**Core Elective 3 -** Automata Theory	• Acquire skills to construct deterministic and Non Deterministic finite Automata • Enhance their attitude towards Chomsky normal form
MLIIICE4(6)	III	**Core Elective** - Graph Theory	• Develop their skills in describing Matchings and Coverings in Bipartite Graphs and Edge Chromatic Number • Acquire an attitude to interpret Plane and Planar Graphs
MLIIICE4(6)	III	Stochastic Processes	• Acquire skills to evaluate Markov

			chain with denumberable number of stated
			• Develop a positive attitude to Categorize states and chains
MLIIIEDP2(6)	**III**	Mathematical Techniques	• Acquire skills on applying the notions of linear programming in solving transportation problems and assignment problems
			• Gain knowledge on basic concepts of mathematical techniques in general
MLIIIK3(6)	**III**	Quantitative Aptitude	• Develop equipped skills to formulate the problem quantitatively and use appropriate arithmetical and statistical methods to solve the problem
			• Acquire an attitude to demonstrate various principles involved in solving mathematical problems and thereby reducing the time taken for performing job functions
MLIVC12(6)	**IV**	**Core 12** - Functional Analysis	• Develop skills on the fundamental concepts of functional analysis
			• Acquire an attitude to understand the concepts of Hilbert and Banach spaces with dual spaces serving as examples
MLIVC13(6)	**IV**	**Core 13 -** Classical Mechanics	• Acquire skills to use the 3N-coordinate system made up of N-spacial coordinates, N-velocity coordinates and N-acceleration coordinates
			• Develop an attitude to analyze the motion of mechanical systems with constraints using Lagrangian description
MLIVC14(6)	**IV**	**Core 14** - Operations Research	• Inculcate the skills on various techniques of Operations Research
			• Acquire a positive attitude towards the Concept of Dynamic Programming and to solve the minimum path

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
			problems
MLIVCE5(6)	IV	Fuzzy Mathematics And Its Applications	• Gain knowledge about operations on fuzzy and evaluate problems on intervals and fuzzy numbers using arithmetic operations • Familiar with the extension principle, its compatibility with the α-level sets and the usefulness of the principle in performing fuzzy number arithmetic operations
MLIVCE5(6)	IV	Discrete Mathematics	• Acquire skills to Categorize Recurrence relations and Generating functions • Gain knowledge on Lattices, Boolean Algebra and their properties
MLIK4(6)	IV	Technical Report Writing and Presentation	• Develop an attitude to prepare a Format for the Report • Gain knowledge to categorize the Research Design and to conclude a report with a Presentation

M.Sc APPLIED MICROBIOLOGY

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MMIC1(6)	I	General Microbiology	• Describe how microorganisms are used as model systems to study basic biology, genetics, metabolism and ecology. • Identify ways microorganisms play an integral role in disease, and microbial and immunological methodologies are used in disease treatment and prevention. • Explain why microorganisms are ubiquitous in nature; inhabiting a multitude of habitats and occupying a wide range of ecological habitats. • Cite examples for sterilisation and

			disinfection methods.
			• Demonstrate the growth of microorganisms with recent techniques
MMIC2(6)	**I**	Immunology	• Knowledge of cell structure and function understanding the metabolic processes of cells in terms of cellular organelles, Conceptualize how the innate and adaptive immune responses coordinate to fight invading pathogens.
			• Determine what immune modulatory strategies can be used to enhance immune responses or to suppress unwanted immune responses such as might be required in hypersensitivity reactions, transplantations or autoimmune diseases.
			• Explore strategies to improve existing vaccines and how to approach these.
			• To train them to describe the roles of the immune system in both maintaining health and contributing to disease.
			• Expertise the students to describe immunological response and how it is triggered and regulated.
MMIC3(6)	**I**	Advanced Microbial Physiology	• Explain the roles of the major metabolic pathways in central metabolism.
			• Analyse Biochemical mechanisms of ATP synthesis and Electron transfer process.
			• Compare three different modes of bacterial metabolism: fermentation, respiration and phototrophy.
			• Describe the role of enzymes in controlling metabolism in a biological system.
			• Demonstrate an understanding on Phototrophic energy production.
MMICE1(6)	**I**	Bioinstrumentation Techniques in Microbiology	• Recognize the pathogenesis of parasitic infections and relate the stage of the life cycle to its pathogenesis and

			clinical signs and symptoms. Describe the clinical manifestations and recognize differential diagnosis and complications of parasitic diseases. • Recognize the scientific basis of the conventional and up-to-date diagnostic procedures needed to carry out accurate diagnosis of common parasitic diseases with emphasis on their prioritization in management plans. • List the effective therapeutic measures of parasitic infections and alsodescribe how to prevent and control parasitic diseases. Practice examination of mounted slides microscopically to identify, draw and labeldiagrams of parasites and their different stages (eggs, cysts, larvae, trophozoites) or any of their body parts (segment, hooks, scolices…etc). • Practice examination of some parasites or their stages (e.g. hydatid cyst) macroscopically for their identification and drawing
MMIKI(6)	**I**	Fundamentals of microbial Physiology	• Explain the roles of the major metabolic pathways in central metabolism. • Analyse Biochemical mechanisms of ATP synthesis and Electron transfer process. • Compare three different modes of bacterial metabolism: fermentation, respiration and phototrophy. • Describe the role of enzymes in controlling metabolism in a biological system. • Demonstrate an understanding on Phototrophic energy production.
MMICP1(6)	**I & II**	General Microbiology, Microbial Physiology,	• Demonstrate practical skills in fundamental microbiological

		Immunology and Virology	techniques.
			• To expertise the students to perform sero diagnostic tests such as CFT, ASO, CRP and to identify blood groups and types.
			• To improve the skills in diagnosing syphilis by performing TPHA test and to analyze the components of human sera by performing agarose and polyacrylamide gel electrophoresis.
			• To prepare a new generation of microbiologists that are capable of excelling in careers of their choosing.
			• To provide opportunities for students to engage in productive scholarly research projects that complement their classroom training and instruction.
MMIIC4(6)	**II**	Medical Virology	• The student will be able to evaluate problems in modern virology including areas of viral biology, pathogenesis and disease control.
			• Solid understanding of basic concepts in the field of virology and enable the students to apply these concepts to problems in the field of virology.
			• Students will able to predict the outcome of intervention measures both on the cellular as well as the population level
MMIIC5(6)	**II**	Medical bacteriology	• Define the methods of collection, transport and processing of clinical specimens.
			• Describe and identify the medically relevant bacterial pathogens causing infectious diseases.
			• Recall the relationship between clinical symptoms and infectious diseases.
			• Express the different types of

			infectious diseases.
MMIIC6(6)	**II**	Medical Mycology	• outline the symptoms and causes of human mycoses without the aid of texts • identify the causal fungi and common contaminants to genus and species with the aid of texts • handle and store infected materials and cultures safely • consult reference literature on clinical mycology • conduct diagnostic work, analyse the data and draw appropriate conclusions • write adequate diagnosis reports in standard format
MMICP2(6)	**I & II**	Medical Microbiology	• Demonstrate practical skills in the use of tools, technologies and methods for the isolation, identification and characterization of bacterial, fungal and parasitic pathogens from clinical specimens • Acquire competency in routine and specialized microbiological laboratory skills applicable to microbiological research or clinical methods, including accurately reporting observations and analysis
MMIIS1(6)	**II**	Disaster management	To identify the probable natural disasters in Indian perspective – Eg. Earthquakes, Tsunamis, Landslides, Flood, Drought, Epidemics etc. To understand human induced disasters – Eg. Nuclear Reactor explosion, Dam collapse, Gas leakage, Oil spill, War, Terrorism, Communal carnage, Cyber Breakdown etc.

			To understand the national policy on Disaster Management. To understand the structure and functions of present disaster management authorities in the Country – at National, State and District levels.
MMIISK2(6)	**II**	Food Safety & hygiene	• Identify food safety hazards and their control. • Identify and prevent potential sources of food contamination. • Apply a range of food quality systems. • Prepare a food safety plan. • Follow hygienic practices related to food preparation and food handling
MMICEI(6)	**II**	Clinical microbiology	• Recognize the pathogenesis of parasitic infections and relate the stage of the life cycle to its pathogenesis and clinical signs and symptoms. Describe the clinical manifestations and recognize differential diagnosis and complications of parasitic diseases. • Recognize the scientific basis of the conventional and up-to-date diagnostic procedures needed to carry out accurate diagnosis of common parasitic diseases with emphasis on their prioritization in management plans.
MMIIIC7(6)	**III**	Molecular Biology And Recombinant DNA Technology	• Define what is meant by recombinant DNA (rDNA), list the most common laboratory techniques used to generate it. • Explain how the polymerase chain reaction can be used to amplify DNA segments, and how it may be used to analyse DNA • Describe how transgenic bacteria may be used to generate products useful to humans.

MMIIIC8(6)	**III**	Advanced Food And Dairy Microbiology	• To appreciate the intrinsic and environmental aspects of foods and how they can be modified to affect the growth and metabolism of food borne microorganisms including spoilage, pathogenic and beneficial organisms. • To be able to attribute the characteristics of a food borne illness with unknown etiology to the most likely organism. • To evaluate the microbial safety of food products. • To recognize the significance of the activities of microbes in foods and the therapeutic value of fermented foods.
MMIIICE3(6)	**IV**	Industrial microbiology	• Describe the main steps and processes involved to produce biological products in industry • Discover new beneficial microorganisms and preserve them for future use. • Evaluate molecular techniques applicable to enhance large scale production using r DNA technology. • Understand ethical and commercial issues such as, patenting, and licensing. • Perform microbiological investigations, observe and evaluate the data obtained, and report the findings. • Undertake an independent investigation microbiologically for production of industrially important bio products
MMIIICE3(6)	**IV**	Analytical Microbiology	• Development of skills related to handling of instruments. • Enabling the students to design various analyses, processes and

			separation techniques used for research purposes and industrial use.
MMIII3(6)	**IV**	Public Health	• To express the basic principles of personal hygiene and its importance in public health. • To comprehend the role of public health service providers. • To identify current public health problems nationally and internationally.
MMIISK3(6)	**IV**	Women's Health care	• Evaluate management protocols for primary care of women across the lifespan • Incorporate theories of women's development in mental health assessment. • Analyze models of health care delivery for women as special populations. • Utilize research findings to evaluate advanced practice care outcomes for women with acute and chronic health deviations. • Demonstrate interdisciplinary collaboration in the delivery of primary health care to women. • Demonstrate critical thinking skills to evaluate case studies and clinical vignettes. • Apply the research process to investigate a clinical approach to a women's health problem.
MMICP3(6)	**III & IV**	Applied Microbiology	• To understand the key concepts of Microbiology and its practical applications, and how to apply theory to practice. • To Apply traditional & rapid methods to grow, identify & count microorganisms.

			• To Understand the role microorganisms in food spoilage.
			• To Describe a range of industrial applications of microorganisms.
			• To Work safely with microorganisms and follow standard operating procedures.
			• To obtain an understanding of the role of microorganisms in the medical and food industries and industrial applications.
			• To Enable the students to become skilled in a range of microbiological techniques.
			• Elucidate the critical analysis to interpret results based on knowledge and technical capabilities.
MMIVC9(6)	IV	Microbial genetics	• Identify and distinguish genetic regulatory mechanism at different levels
			• Explain the process behind mutations and other genetic changes.
			• Sound knowledge of the core principle, paradigms and unique aspects of microbial genetics.
MMIVC10	IV	Environmental and Agricultural Microbiology	• How metabolic processes catalysed by microorganisms are related to major elemental cycles, biogeochemical processes, and organic contaminant degradation.
			• Describe role of microorganism in recycling soil nutrients, biodegradation of complex plant polymers, sustaining and improving plant growth through improving nutrient availability.
			• Clarify application of microorganisms in fields of agricultural and environmental microbiology like bioremediation, biofertilizers and

			waste water treatment.
			• Analyse various aspects of N2 fixation, P solubilization, biodegradation and bioremediation mechanisms provided by microbes
MMIVCE2(6)	**IV**	Medical Entomology	• To learn about insects that cause disease or that serve as vectors of organisms that causes disease in humans. • Also includes behavior, ecology and epidemiology of arthropod disease vectors in the interest of public health.
MMIVCE2(6)	**IV**	Research Methodology	• To impart the concept of research and the new challenges, significance and scientific method used in undergoing research
MMIVSK4(6)	**IV**	Technical writing	• Recognize, explain, and use of specific analytical reports, proposals, memorandums, web pages, wikis, blogs, business letters, and promotional documents. • Understand the ethical, international, social, and professional constraints of audience, style, and content for writing situations • Conduct scientific, technical and instructions in writing of reports, letters, in the preparation and presentation of oral reports • Learn .research techniques, information design, effective use of graphics, and preparation and presentation of oral reports • Understand to analyze data from research and assigned to write clearly, concisely, and logically and attribute the source with proper citation. • Practice of professional rhetoric and writing style, such as sentence conciseness, clarity, accuracy,

			honesty, avoiding wordiness ambiguity, using direct order organization, readability, coherence and transitional devices.
MMIVCP4(6)	**IV**	Molecular Biology And Biotechnology	• To appreciate the diversity in the microbial world. • To be able to describe in detail the effect of microorganisms on the global environment. • Application of microbial ecology principles for industrial, environmental and public health benefits.
	IV	Project & Viva-Voce	• To collect relevant literature, To plan and design statistically, to retrieve organize and conduct, process the data, photograph relevant observation, evaluate by statistical programmes, • To learn to present the project in any regional/national conference/seminar during the second year of the course and submit for final semester examinations.
MMIV	**IV**	Data Processing By Spss Software	• Discuss the various aspects of the SPSS environment, describes the menu options and tool bars and provides instructions on how to begin and end an SPSS session. • Demonstrate the dialog boxes for statistical procedures. • Design the preparation of data files, screen and transform data and conduct various statistical analyses ranging from descriptive statistics, descriptive command and correlation analysis. • Evaluate the basic workings of SPSS, and perform basic statistical analysis. • Analyze data checking and create simple tables and charts. • Apply the basic analysis and generate

			reports using SPSS package.
M.Sc COMPUTER SCIENCE
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MGIC1(6)	**I**	**Core Theory- 1** Theoretical Foundations	• The student will gain knowledge of logic and lattices. And the concept like Automata.
MGIC2(6)	**I**	**Core Theory- 2** Python Programming	• The students will be able to define the basic terms in Python programming. • Read, Write, Execute simple Python programs with conditionals and loops. • Decompose a Python program into functions and handle various string functions and methods. • Represent Compound data using lists, tuples and dictionaries.
MGIC3(6)	**I**	**Core Theory- 3** Object Oriented Analysis and Design	• The student will be able to analyse, design, document the requirements through use case driven approach.
MGICP1(6)	**I**	**Core Practical-1** OOAD and Python Programming Lab	• Able to use the graphical UML representation using CASE tools, such as IBM's Rational Rose or Microsoft's Visio. • Work with simple Python Programming using Conditionals and looping statements, Compute Functions and Strings in Python Programming. • **Write coding using Lists and Tuples.**
MGICE1(6)	**I**	**Core Elective -1** Distributed Computing	• Facilitates the idea of digital logic (Binary logic, Boolean algebra, sequential and Combinational) concepts. An introduction to

			Microprocessors is also included.
MGIK1(6)	I	**Soft Skill** Macromedia Flash	• Facilitates the students in creating an animation for moving pictures, morphing etc. • Emphasizes on the detailed study of tweening.
MGIIC4(6)	II	**Core Theory- 4** Compiler Design	• Facilitate the students to learn about the five phases lexical analysis, syntax analysis, intermediate, code optimization and code generation phases of compiler with detailed study of each phase.
MGIIC5(6)	II	**Core Theory- 5**.Net Technologies	• Facilitates the students to learn about the Visual C#.NET and ASP.NET with the database connectivity using ADO.NET. The advanced concepts like XML and basics of LINQ and AJAX are also introduced.
MGIIC6(6)	II	**Core Theory- 6** Design and Analysis of Algorithms	• The student will be able to understand the correctness of algorithms using inductive proofs and invariants. • Analyze worst-case running times of algorithms using asymptotic analysis. • Synthesize dynamic-programming algorithms, and analyze them.
MGIICP2(6)	II	**Core practical - 2** .Net Applications	• The student gain practical knowledge of .Net Applications
MGIICE2(6)	II	**Core Elective 2** Artificial Intelligence and Expert Systems	• Facilitates the students to learn about the Artificial Intelligence and Expert systems concepts with detailed study on various searching techniques, knowledge representation and knowledge acquisition techniques in Artificial Intelligence and Expert system

MGIIEDP1(6)	II	**EDP 1** - Supportive MATLAB Programming	• Facilitates the students to gain knowledge on the basic programming concepts of MATLAB.
MGIIK2(6)	II	**Soft Skill** Static Web Designing	• Incorporate knowledge about web designing in Html with all features
MGIIIC7(6)	III	**Core Theory- 7** Artificial Neural Networks	• Develop the ideas of Neural Computing among the students by having a detailed study on Artificial Neural Network and its applications.
MGIIIC8(6)	III	**Core Theory- 8** Linux and Shell Programming	• Students will be able to List the basic commands. • Work on Linux operating system. • Develop programs that run on Linux operating system. Develop shell programs in Linux.
MGIIICP3(6)	III	**Core Practical- 3** Image Processing using Matlab	• Student will be able to perform scaling and Skeletonization and arithmetic operations on images
MGIIICE3(6)	III	**Core Elective -3** Digital Image Processing	• The student gain knowledge of the concepts of image processing in the spatial and frequency domain. It also deals with image compression and restoration techniques and color image processing
MGIIICE4(6)	III	**Core Elective - 4** Cryptography	• Students will know the basics of Information Security, Various Security Threats and Attacks, Various standards in Security. • The technological aspects of Information Security and identify the security issues and resolve it.
MGIIIEDP2(6)	III	**EDP 2** - ID Adobe Photoshop	• Incorporate knowledge about animation to student in short span with all features.

MGIIIK3(6)	III	**Soft Skill (Offered to Other Dept.)** Macromedia Flash	• Facilitates the students in creating an animation for moving pictures, morphing etc. and emphasizes on the detailed study of tweening.
MGIVC9(6)	IV	**Core Theory- 9** Data Mining	• The student gain knowledge of Data Mining and Warehousing concepts and also includes the detailed study on data preprocessing, Classification and Association.
MGIVC10(6)	IV	**Core Theory- 10** Cloud Computing	• Provides a good foundation to cloud services and critical issues for cloud configuration and service design.
MGIVQ(6)	IV	Project	• Students develop major projects for various real time applications
MGIVCP4(6)	IV	**Core Practical - 4** Data Mining Tool - R Programming Lab	The student should be able to • Describe briefly the datasets used develop using foreign data into R and export R objects to other formats. • Illustrate examples on data exploration like Pie-chart histogrametc. using R.
MGIVCE5(6)	IV	**Core Elective- 5** Big Data Analytics	• Student will be able to identify the difference between structures, semi structures and unstructured data , summarize the challenges of Big Data and how to deal with the same • Explain the significance of NoSQL databases, explain about Hadoop Ecosystem and distinguish Pig and Hive.
MGIVK4(6)	IV	**Soft Skill** Software Engineering	• The student will be able to identify formulate and solve engineering problems. • To measure the product performance using various metric.

M.Sc PHYSICS			
COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MNIC1(3)	I	Mathematical Physics I	To familiarize working knowledge on mathematical concepts that are essential for solving advanced problems in physics.
MNIC2(3)	I	Classical Mechanics and Relativity	To give the students a firm grounding in mathematical formulations needed in quantum mechanics and modern physics.
MNIC3(3)	I	Integrated Electronics and Microprocessor 8085	To provide a foundation in semiconductor devices along with other linear integrated circuits and Microprocessor 8085.
MNIIC4(3)	II	Mathematical Physics – II	To review and develop the theory of complex analysis, applications to ordinary and partial differential equations, integral transforms and Group theory.
MNIIC5(3)	II	Quantum Mechanics – I	To give the students an introduction to the fundamental concepts, mathematical formalism and methodology of quantum mechanics.
MNIIC6(3)	II	Electromagnetic Theory And Plasma Physics	To initialize the concept of potential formalism for bipole and multipole expansion of electric field.To emphasize the simplified form of magneto-hydrodynamic equations.
MNIIIC7(3)	III	Quantum Mechanics – II	To introduce the students to the basic concepts of scattering theory. To give the students a firm grounding in Relativistic Quantum Mechanics.
MNIIIC8(3)	III	Condensed Matter Physics	To generalize knowledge and understanding on the properties of condensed materials.
MNIIIC9(3)	III	Statistical Mechanics	To provide a strong foundation in the basics

			of statistical mechanics and develop statistical interpretation of thermodynamics quantities.
MNIVC10(3)	**IV**	Nuclear and Particle Physics	To focus on the fundamental principles and concepts governing nuclear and elementary.
MNICE1A(3)	**I**	Energy Sources and its Applications OR Advanced Physics	To focus on the differences between Conventional and Non-Conventional energy source.
MNICE1B(3)			To emphasize the methodological issues in cost beneficial analysis of space programme. To focus on cellular telephone specification and their operations and review the concept of voice paging and LAN topologies.
MNIICE2A(3)	**II**	Microprocessor 8086, 8051 Microcontroller and Embedded Microcontroller OR Medical Physics	To familiarize the architecture of 8086 processor & 8051 Microcontroller, assembling language programming and application of Microcontrollers.
MNIICE2B(3)			To give a perspective about the principles of physics involved in human body and to apply the principles of electricity and magnetism in different methods and analyse the same in imaging techniques.
MNIIICE3A(3)	**III**	Computational Methods and Programming OR Environmental Physics	To focus on the Bisection and Newton Raphson's methods and to compute their relevant programs and to formulate computational methods in numerical integration by the use of trapezoidal and Simpson's rule.
MNIIICE3B(3)	**III**		To give basic insight into the application of physical methods to the environment.
MNIVCE4A(3)	**IV**	Spectroscopy OR	To expose the students to the scope of research in the field of spectroscopy and to

		Bioelectronics and Biosensors	differentiate various techniques and its instrumentation.
MNIVCE4B(3)			This course forms a bridge between engineering principles and understanding of bio systems as sensors and bioelectronics.
MNIVCE5A(3	IV	Materials Science OR Crystal Growth, Thin Films and Nanoscience	To review physics and chemistry in the context of materials science and to abstract an introduction to metals, ceramics, polymers, dielectrics and electronic materials.
MNIVCE5B(3)			To integrate the students with knowledge and the basic understanding of nanotechnology.
MNIK1(3)	I	Skills and Techniques for Effective Presentation	To focus on the different presentation techniques and to establish the art of utilizing visual aids.
MNIVK4(3)	IV	Logical Reasoning and Analysis	To introduce topics relating to Mathematical Reasoning, this includes Linear and circular Arrangement, Direction, Blood Relations, Visual Reasoning etc. To formulate Verbal Reasoning questions on Deductive Logic, Logical Consistency, Data Sufficiency and Statement Conclusion parameters
MNIIEDP1(3)	II	Medical Physics	To give a perspective about the principles of physics involved in human body.
MNIIIEDP2(3)	III	Energy Physics	To focus on the differences between Conventional and Non-Conventional energy source.
MNIIK2(3)	II	Analytical Reasoning	To analyze and provide questions relating to Mathematical and Verbal Reasoning. To introduce topics relating to Mathematical Reasoning, this includes Linear and circular Arrangement, Direction, Blood Relations, Visual Reasoning etc.

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MNIIIK3(3)	III	Presentation Skills	To focus on the different presentation techniques and to establish the art of utilizing visual aids.
MCA			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MHIC1(6)	I	**Core Theory 1 -** Discrete Mathematics	• The student gain knowledge of logics and Lattices. The concept like Automata plays a key role in compiling techniques deals with formal languages.
MHIC2(6)	I	**Core Theory 2 -** Digital Logic Fundamentals	• This helps the students to acquires the knowledge of the digital logic (Binary logic, Boolean algebra, sequential and Combinational) concepts. An introduction to Memory Unit and ALU
MHIC3(6)	I	**Core Theory 3 -** Data and File Structures	• This helps the students obtain knowledge on data structures such as Stack, Queues. List, Trees, Graphs, Searching, Sorting and Files.
MHIC4(6)	I	**Core Theory 4 -** Programming in C++	• This helps the students obtain knowledge on data structures such as Stack, Queues.List, Trees,Graphs,
MHICP1(6)	I	**Core Practical 1 -** Programming in C++ using Data Structures Lab	• This helps to gain the practical knowledge about the programming language in C++.
MHICP2(6)	I	**Core Practical 2 -** Linux and Shell Programming Lab	• Students will able to create process using process id and apply the Process Management Commands • To develop the Shell script in Linux.
MHIK1(6)	I	**Soft Skill** -Macromedia Flash	• This syllabus helps to acquire the practical knowledge on creating an animation for moving pictures, morphing etc. and emphasizes on the detailed study of tweening

MHIIC5(6)	II	**Core Theory 5** - Operations Research	• This facilitates Mathematical Model formulation and applications that are used in solving Business decision problems.
MHIIC6(6)	II	**Core Theory 6** - Data Communication and Distributed Computing	• Students understand the basic concepts on data communication, networks and distributed computing.
MHIIC7(6)	II	**Core Theory 7**- Database Management Systems	• This helps the students to obtain systematic knowledge of Database Management concepts • Imparts knowledge on Relational Database Concepts and Object Oriented Database Models.
MHIIC8(6)	II	**Core Theory 8** – Programming in Java	• This helps to gain the knowledge about the programming language
MHIICP3(6)	II	**Core Practical 3** – Programming in Java Lab	• This helps to gain the practical knowledge about the programming language.
MHIIEDP1(6)	II	**EDP-I** (Supportive) MS - Office	• This helps the students to facilitates office automations by understanding the basic concepts of Microsoft word, Microsoft Excel and Microsoft Powerpoint.
MHIIK2(6)	II	**Soft Skill** - Static Web Designing	• This helps to incorporate knowledge about web designing in Html with all features
MHIIIC9(6)	III	**Core Theory 9** - Accounting for Managers	• This help to enable the students to get the basic knowledge of accounting concepts and management aspects • To understand key concepts and ideas regarding decision making.
MHIIIC10(6)	III	**Core Theory 10** – Programming in Python	• This helps to gain the knowledge about the programming language
MHIIIC11(6)	III	**Core Theory 11** - Operating Systems	• This facilitates the knowledge about operating system with the detailed study on different types of operating

			systems.
MHIIICP4(6)	III	**Core Practical 4** – Python Programming Lab	• This helps to gain the practical knowledge about the programming language
MHIIICP5(6)	III	**Core Practical 5** – Operating Systems Lab	• This helps to gain the practical knowledge about the programming language
MHIIIK3(6)	III	**Soft Skill** - Macromedia Flash	• This syllabus helps to acquire the practical knowledge on creating an animation for moving pictures, morphing etc. • Emphasizes on the detailed study of tweening
MHIIIEDP2(6)	III	**EDP – II** (ID) Adobe Photoshop	• This helps to incorporate knowledge about animation to student in short span with all features.
MHIVC12(6)	IV	**Core Theory 12** - Data Mining	• This enable the students to gain understanding the Data Mining and Warehousing concepts • Detailed study on data preprocessing, Classification and Association.
MHIVC13(6)	IV	**Core Theory 13** - Cloud Computing	• This lays good foundation to cloud services and critical issues for cloud configuration and service design.
MHIVC14(6)	IV	**Core Theory 14** - .Net Technologies	• This facilitates the students to learn about the Visual C#.NET and ASP.NET with the database connectivity using ADO.NET, XML and basics of LINQ and AJAX.
MHIVCP6(6)	IV	**Core Practical 6** - .Net Applications	• This facilitates to obtain practical knowledge for the students to learn about the Visual C#.NET and ASP.NET with the database connectivity using ADO.NET, XML,LINQ and AJAX.

MHIVCP7(6)	IV	**Core Practical 7** - Relational Database Management Systems Lab	• This facilitates to apply and acquire practical on working projects with multiple forms and windows common controls with the detailed study
MHIVCE1(6)	IV	**Core Elective 1** - Software Engineering /Software Testing / Computer Simulation and Modeling	• This syllabus facilitates the knowledge about Software Engineering concepts for the development and maintenance of Software Products.
MHIVK4(6)	IV	**Soft Skill** - Internet of Things	• The students will be able to identify the components of IoT and to analyze basic protocols in IoT using Rasperry Pi. It also helps to deploy an IoT application and connect to the cloud in real world scenario
MHVC15(6)	V	**Core Theory 15** – Digital Image Processing	• Students can gain depth knowledge on the concepts of image processing in the spatial and frequency domain. • It also deals with image compression and restoration techniques and color image processing
MHVC16(6)	V	**Core Theory 16** - Big Data Analytics	• The students will able to identify the difference between structures, semi structures and unstructured data and to summarize the challenges of Big Data and how to deal with the same. • The students able to explain the significance of NoSQL databases, Hadoop Ecosystem and distinguish Pig and Hive
MHVC17(6)	V	**Core Theory 17** - Android Programming	• This helps to gain the knowledge about the programming language and its real world applications.
MHVCE2(6)	V	**Core Elective 2** - Artificial Neural Networks/ Artificial Intelligence & Expert Systems/ Cryptography	• To helps the students develop the ideas of Neural Computing among the students by having a detailed study on Artificial Neural Network and its applications.

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MHVCP8(6)	V	**Core Practical 8** - Android Programming Lab	• This helps to gain the practical knowledge about the programming language and its real world applications.
MHVCP9(6)	V	**Core Practical 9** - Mini Project	• Students develop mini projects for various real time applications
MHVIQ(6)	VI	Project Work	• Students develop major projects for various real time applications

M.COM GENERAL

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MFIC1(6)	I	**Core – 1** Human Resource Management	• To identify the training needs and design a training programme as HR manager. • To categories the level of EQ & SQ. • To sketch the various parameters on which performance appraisal technique is designed.
MFIC2(6)	I	**Core – 2** Marketing Management	• Evaluate various Marketing opportunities at global level. • Develop marketing strategies based on 4Ps • Explore various marketing opportunities at Global level. • Describe major bases for segmenting consumer and business markets. • Analyze the current trends in marketing.
MFIC3(6)	I	**Core – 3** Business Research	• Review the concepts, techniques and different research methods. • Confidently undertake research projects where they will be able to identify appropriate research topics, select and define research problem, design the research parameters. • Collect data, analyze data and write research report in connection with their research.

MFIC4(6)	**I**	**Core – 4** Accounting for Managerial Decisions	• Recognize and apply the theory to take important financial decisions. • Take effective decisions in utilizing scarce resources. • Identify need for Marginal Costing, Absorption Costing & Direct Costing along with practical application of Break- Even Point [BEP] analysis. • Comprehend different contemporary issues in Management Accounting and Reports & Reporting needs & Reporting Levels in an organization.
MFICE1A(6)	**I**	**Core Elective – 1A** International Business	• Relate the global markets and various regions of the world • To determine the rate of foreign exchange. • To discuss the measure to correct the disequilibrium. • To explain how international factors affects the domestic concerns. • To identify and evaluate the complexities of International Business
MFICE1B(6)	**I**	**Core Elective – 1B** Management Information System	• To identify the constituents of MIS and its usage in organizations. • To assess the leadership role of MIS in achieving business competitive advantage. • To apply strategic alternatives for decision making. • To effectively communicate strategic alternatives to facilitate decision making. • To apply MIS knowledge and skills learned to facilitate the acquisition, development, deployment and management of information systems.
MFIK1(6)	**I**	**Soft Skill – 1** Competitive Aptitude	• Solve the Numerical and Reasoning Aptitude. • Plan and design an approach to Competitive Examination.

MFIC5(6)	**II**	**Core – 5** Corporate Accounting & Accounting Standards	• Apply analytical skills to solve problems in company accounting. • To demonstrate the use of current accounting standards and acceptable practices in company accounting. • Demonstrate an understanding of current accounting standards and acceptable practices, as well as the impact of audit risk on the engagement
MFIC6(6)	**II**	**Core – 6** Advance Business Statistics	• Recognize and apply theoretical distribution and assess the underlying assumptions for the distribution applicable in business areas. • Analyse research questions based on the statistical data and draw relevant conclusions. • Apply the non-parametric tests such as F-test and ANOVA for analysis and interpretations.
MFIC7(6)	**II**	**Core – 7** Financial Management	• Classify the financial and investment decisions. • Recall the role played by financial manager. • Compute the working capital requirement for different types of business.
MFIC8(6)	**II**	Core - 8 Entrepreneurial ship Development of MSMEs	• Review the concept of entrepreneurship and create a profile of a successful entrepreneur • Identify to entrepreneurship, review institutional assistance to MSMEs entrepreneurs and women in particular. • Identify suitable business opportunities especially in the MSME sector and formulate a model business plan.
MFICE2A(6)	**II**	Core Elective - 2 Managerial Economics/	• Explain the role of demand in determining price in competitive market. • Identify the main characteristics of

MFICE2B(6)		Service Marketing	different markets such as perfect competition, Monopoly, Monopolistic Competition and Oligopoly. • Analyse real-world business problems with a systematic theoretical framework. • Analyze the challenges faced by the services marketing. • Differentiate between the marketing of physical products and intangible services. • Recognize the challenges faced in services delivery as outlined in the service gap model
MFIID1(6)	**II**	EDP - 1 Consumer Rights & Protection	• Recall the functions of Consumer Protection Council. • Exercise their rights as Consumers
MFIIK2(6)	**II**	Soft Skill - 2(Financial statement Analysis)	• Apply vertical and horizontal analysis to study a company's income statement and balance sheet. • Compute the accounting ratios and interpret the balance sheet
	II	Internship	
MFIIIC9(6)	**III**	Core – 9 Financial Markets & Institutions	• Outline the functioning of financial markets. • Identify the features and significance of financial institution.
MFIIIC10(6)	**III**	Core – 10 Cost Estimation & Control	• Ascertain cost for each job, batch and contract. • Compute the inter-process profit for a processing unit. • Analyse the reason for the variance in material, labour and sales and take corrective decision.
MFIIIC11(6)	**III**	Core – 11 Computer Application in Business	• Use financial Reports needed for Business Decisions. • Implement statutory Compliance Applicable in Business Areas. • Analyse research questions based on

			the statistical data and draw relevant conclusions
MFIIICE3A(6)	**III**	Core Elective - 3 Indirect Taxation /	- Summarize GST models,GST Framework as well as concepts in IndiaGST model - Identify career opportunities in GST procedures and compliances. - Evaluate the prevailing Indian Tax System
MFIIICE3B(6)	**III**	Core Elective - 3 Customer Relationship Management	- Analyse the key drivers using data from observations, experiences and systematic research methods for successful customer relationship management programs. - Plan and conduct an investigation on an aspect of CRM, and communicate findings in an appropriate format. - Formulate and assess strategic, operational and tactical CRM decisions
MFIIICE4A(6)	III	Core Elective – 4 Industrial Law	- Recall the provisions relating to industries - Evaluate the different strategies adopted in compensation and reward systems to employees. - Analyze the rights, duties, liabilities of trade unionS
MFIIICE4B(6)	III	Core Elective – 4 Corporate Governance and Corporate Social Responsibility	- Analyze the consequence of effec corporate governance. - Compare Professional commitments modern managers with business ethics. - Create new vistas for corporate social responsibility
MFIIID2(6)	III	EDP- 2 Taxation for beginners	- Compare the concept of residential status with the tax incidence of an Individual. - Compute taxable salary income of an Individual. - Calculate income tax payable by a Salaried Individual assessee
MFIIIK3(6)	III	Soft Skill - 3 (Computerised Accounting)	- Handle large volume of transaction efficiently using tally ERP9. - Compile automatic generation of accounting documents like invoices,

			• cheques and statement of accounts using tally. • Generate reports using tally such as trial balance, Profit and loss accounts and balance sheet.
MFIVC12(6)	IV	Core – 12 Income Tax & Tax Planning	• Recognize the different concepts of Income Tax Act, • Compute total income of all taxable entities based on their Residential Status. • Compute the total income and tax liability of an Individual assessee. • Plan the tax for their Income. • Complete Income Tax return form of a Salaried individual.
MFIVC13(6)	IV	Core – 13 Banking Management	• To summarize the structure of Indian Banking System. • To identify the technology development in the banking sector. • To review the financial literacy and financial inclusion.
MFIVC14(6)	IV	Core – 14 Business Environment	• Summarize the latest policies and regulations. • Outline the policy towards technology. • Give an overview about the natural environment and suggest a few measures to protect the Natural Environment
MFIVCE5A(6)	IV	Core Elective - 5 Organizational Behaviour	• Analyse the behaviour of individuals and groups in organisations in terms of the key factors that influence organisational behaviour. • Analyse organisational behavioural issues in the context of organisational behavioural theories, models and concepts. • Demonstrate a critical understanding of organisational behaviour theories and current empirical research associated with the topics covered in this course

COURSE CODE	SEMESTER	COURSE TITLE	COURSE OUTCOMES
MFIVCE5B(6)	IV	Core Elective - 5 Change Management	• Explain the change concept from organization point of view along with the different approaches to manage change. • Analyze the different roles of change agent and identify the internal and external threats. • Explore the various barriers for successful implementation to adapt the external change
MFIVQ	IV	Project	
MFIVK4(6)		Soft Skill – 4 (Leadership Skill)	

M.COM CORPORATE SECRETARYSHIP			
COURSE CODE	**SEMESTER**	**COURSE TITLE**	**COURSE OUTCOMES**
MKIC1(6)	I	**CORE PAPER 1 GENERAL LAWS**	• Paraphrase the basic framework and provisions of the constitution. • Explain the important provisions of the civil procedure. • Describe the intricacies involved in the Transfer of Property. • Identify the basic legal framework envisaged under the Arbitration and Conciliation Act. • Explain the salient provisions in Right to Information Act and General Clause Act.
MKIC2(6)	I	**CORE PAPER 2 ACCOUNTING FOR BUSINESS I**	• Recognize the role of accounting standards in creating a uniform framework for accounting • Use the different methods of issue of shares • Determine the modalities of preference share redemption and debenture issue • Assemble a Profit and loss account

			and Balance Sheet as per AS VI
			• Construct a Profit and loss account and Balance sheet of a Bank as per the format
MKIC3(6)	I	CORE PAPER 3 FINANCIAL MANAGEMENT	• Describe the role of financial management in business.
			• Measure risk and return and explain the trade-off between risk and return.
			• Apply different methods of cost of capital to calculate the overall cost of capital.
			• Explain the concept of leverage.
			• Estimate the required return on projects of differing risk and how to use the required return in evaluating investment decisions.
MKIC4(6)	I	CORE PAPER 4 COMPANY SECRETARIAL PRACTICE	• Identify the role of company secretary in conduction with various aspects of functioning of the company.
			• Describe the procedure for formation of company and Issue of Prospectus
			• Explain the different types of share capital, procedure for allotment and dematerialization of shares.
			• Discuss the procedure for appointment of managerial personnel and Company Secretary, their rights, duties, liabilities and removal.
			• To summarize the procedures to be followed during winding up of the company.
MKICE1A(6)	I	CORE ELECTIVE PAPER 1 ORGANISATIONAL BEHAVIOUR	• Evaluate the challenges and opportunities of organizational behaviour
			• Analyse the impact of personality, perception, attitude and emotional intelligence on organizational behavior.
			• Compare leadership styles and the

			impact on decision making
			• List out the components of organizational climate, organizational culture and organizational effectiveness
			• Categorize the need for change, reasons for resistance to change and the methods to overcome resistance.
MKICE1B(6)	I	**CORE ELECTIVE PAPER 1 HUMAN RESOURCE MANAGEMENT**	• List the process of HR planning • Evaluate various methods of training and performance appraisal • Elucidate the causes of grievances and the grievance redressal procedure • Identify the ways to manage absenteeism and stress • Explain competency mapping, Right sizing, talent management and employee engagement
MKIK1(6)	I	**SOFT SKILL 1 APPLICATION OF ACCOUNTING SOFTWARE**	• Introduce the students to the Basic of Accounts and the usage of Tally for accounting purpose. • Acquaint students with the accounting concept, tools and techniques influencing business organization • Use accounting and business terminology. • Explain the objective of financial reporting and related key accounting assumptions and principles
MKIIC5(6)	II	**CORE PAPER 5 SECURITIES LAW AND REGULATION OF FINANCIAL MARKET**	• Explain about the powers of stock exchanges and SEBI under Securities Contract Regulation Act. • Chart the various financial instruments available in Capital and Money market, their features and classification. • Summarize the concept, purpose and rating methodologies of Credit Rating Agency.

			• Classify the various methods of issuing securities in Primary Markets • Describe the various intermediaries in Capital Market, their role and functions.
MKIIC6(6)	II	**CORE PAPER 6 ACCOUNTING FOR BUSINESS II**	• Estimate purchase consideration in an amalgamation and construct a Balance Sheet according to the scheme • Reconstruct the books of accounts and Balance Sheet according to the scheme of internal reconstruction • Assemble a consolidated Balance Sheet of the holding company and its subsidiaries. • Close the books of accounts in case of liquidation • Construct a Profit and loss account and Balance sheet of an Insurance company as per the format
MKIIC7(6)	II	**CORE PAPER 7 DRAFTING AND CONVEYANCING**	• Classify the formats for drafting various components of deeds. • Employ the principles of drafting while drafting deeds. • Apply the legal drafting abilities in handling documents.
MKIIC8(6)	II	**CORE PAPER 8 DIRECT TAXATION**	• Identify the residential status of an assessee. • Compute taxable income and tax liability of individual assessee. • Estimate total income and tax liability of Firm • Determine the income of HUF and tax liability • Explain the filing procedure of income tax return
MKIICE2A(6)	II	**CORE ELECTIVE 2 SECURITY ANALYSIS AND PORTFOLIO**	• Compare and weigh the various Investment Opportunities. • Analyze the degree of risk of various

		MANAGEMENT	types of securities • Interpret the relevance of Portfolio Management.
MKIICE2B(6)	**II**	**CORE ELECTIVE 2 INSURANCE AND RISK MANAGEMENT**	• Comprehend the various types of General Insurance. • Discuss the types of risk, its measurement and control. • Apply the various risk management techniques.
MKIIEDP1(6)	**II**	**EDP 1 CORPORATE COMMUNICATION**	• Explain corporate communication, and its process • Focus on the principles of effective communication • Participate effectively in group with emphasis on listening, critical and reflective thinking and responding. • Draft the various correspondence letters as a skill component.
MKIIK2 (6)	**II**	**SOFT SKILL 2 ELECTRONIC BANKING**	• To enumerate Banking systems in India. • To practice internet banking • To process and associate types of customers and various forms of accounts.
MKIIIC9(6)	**III**	**CORE PAPER 9 COST ACCOUNTING**	• Explain the concept and role of cost accounting in business. • Compute Material Cost and Labour Cost. • Differentiate between Direct and Indirect Costs. • Reconcile Cost and Financial accounts. • Infer the treatment of Cost in Process and Operating costing.
MKIIIC10(6)	**III**	**CORE PAPER 10 RESEARCH METHODOLOGY**	• Describe the concepts, types and the steps in research process • Evaluate the various methods of sampling and data collection. • Frame the hypothesis and test the

			same by using suitable statistical tool.
			• Design research plan for their research work.
			• Compile the research results in the form of report.
MKIIIC11(6)	**III**	**CORE PAPER 11 INDIRECT TAXATION**	• Understand various concepts of Goods & Service Tax
			• Gain an insight on analysing the transactions for compliance under GST especially in supply chain & distribution.
			• List the procedures for registration & getting GST Number
			• Develop methods to Set up a new accounting system under GST
			• Describe the procedures to file returns & pay taxes
MKIIICE3A(6)	**III**	**CORE ELECTIVE 3 LABOUR LAWS**	• Explain the provisions relating to Trade Union
			• Describe the procedure of drafting standing orders and their communication to employees
			• Outline benefits available under ESI Act.
			• Elucidate industrial dispute and settlement mechanism.
			• List out the benefits available to employees under Bonus Act and Gratuity Act.
MKIIICE3B(6)	**III**	**CORE ELECTIVE 3 INTERNATIONAL BUSINESS LAW AND PRACTICE**	• Associate the complexities of international business and globalization from home versus and host – country and regional cultural perspectives.
			• Explain role of Multinational Corporations, FDI policy in India.
			• Describe Foreign Trade Policy of India and Export promotional measures.

			• Identify the main institutions that shape the global market. • Discuss about foreign collaboration and how to enter in to joint venture.
MKIIICE4A(6)	**III**	**CORE ELECTIVE 4 COMPUTER APPLICATION IN BUSINESS**	• Explain the meaning and basic components of a computer systems. • Use word processing software to create, edit and format documents. • Indicate the names and functions of the excel interface components. • Create slide presentations that include text, graphics, animations and transition. • List different components of internet and their functions.
MKIIICE4B(6)	**III**	**CORE ELECTIVE 4 ELECTRONIC COMMERCE**	• Trace the growth and application of internet in business • Explain the technology essential to adopt electronic commerce in business • Analyze the different techniques through which business is carried on electronically for different categories. • Evaluate the various threats to an electronic business and Suggest measures to overcome various threats • Examine the online payment systems available
MKIIIEDP2(6)	**III**	**EDP2 - BASICS OF SHARE TRADING**	• Differentiate between primary market and secondary market • Describe the role of Regulatory authority in securities market. • Explain the ways of trading various instruments in capital market • Identify the participants of securities market. • Discuss the structure and operation of secondary market.

MKIIIK3 (6)	**III**	**SOFT SKILL 3 INNOVATION AND ENTREPRENEURSHIP**	• Explain the various types of entrepreneur and factors that influence their entrepreneurship. • Evaluate idea generation techniques and new opportunities. • Illustrate the project design and network analysis. • Develop a project report with all required content. • Identify an appropriate startup and the ways of financing it.
MKIVC12(6)	**IV**	**CORE PAPER 12 ACCOUNTING FOR MANAGERIAL DECISIONS**	• Explain the role of management accounting in decision-making scenarios. • Prepare Cash Flow Statement as per Accounting Standard 3 • Construct various types of Budgets according to the requirements of the business. • Compare actual cost against standard cost for cost control. • Evaluate Transfer prices made across divisions/departments of a company.
MKIVC13(6)	**IV**	**CORE PAPER 13 CORPORATE RESTRUCTURING**	• Differentiate the various methods through which restructuring takes place. • Chart the legal, procedural, banking and competition aspects of mergers and amalgamations • Evaluate the modes and procedure for demergers • Explain the types, legal aspects and defensive measures in takeovers • Describe financial restructuring procedure • Analyze the reasons and procedure for Insolvency and Bankruptcy of Companies

MKIVC14(6)	**IV**	**CORE PAPER 14 INTELLECTUAL PROPERTY RIGHTS**	• Identify different forms of Intellectual Property Rights • Trace the evolution, growth and enforcement of Intellectual Property Rights • Explain the types, procedure and rights involved in Patent. • Assess the effect of trademarks and geographical indications on business • Examine the scope, rights and issues related to Copyrights
MKIVC15(6)	**IV**	**CORE PAPER 15 PROJECT REPORT AND VIVA-VOCE**	• Gain industry exposure. • Acquire analytical thinking and problem solving ability. • Gain insight into research
MKIVCE5A(6)	**IV**	**CORE ELECTIVE 5 CORPORATE GOVERNANCE AND BUSINESS ETHICS**	• Explain concepts of corporate governance. • Describe the SEBI Guidelines and the shareholders rights • Analyse the issues and challenges of the governance manual. • Outline the Ethical Principles of Business. • Discuss the role of Ethical Aspects in Marketing
MKIVCE5B(6)	**IV**	**CORE ELECTIVE 5 CORPORATE FUNDING AND LISTING**	• Define different sources of equity and debt funding • Describe the sources of foreign funding available to corporate entities. • Discuss the procedures for listing of securities both in Indian stock exchanges and foreign stock exchanges. • Compare between various sources of equity and debt funding and suggest the productive source for raising funds to the company.

MKIVK4 (6)	IV	**SOFT SKILL 4 DATA ANALYSIS USING SPSS**	- To analyze the qualitative and quantitative data. - Organize and save data in a suitable way - Present statistical output with SPSS - Create and edit graphical displays of data. - Conduct descriptive and basic inferential statistics with various statistical tools.