



VIKRAMA SIMHAPURI UNIVERSITY

NELLORE, ANDHRA PRADESH, INDIA-524 324

(Accredited with NAAC 'A' Grade (CGPA 3.23))



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Dr. K.SUNEETHA,
Registrar

This is to certify that the following courses having focus on employability/entrepreneurship/skill development offered by the University during the 2023-2024.

List of Courses having focus on employability/entrepreneurship/skill development offered by the University

1.1.3 Total number of courses having focus on employability/ entrepreneurship/ skill development offered by the University during the year 2023-2024

1.2.1 Number of new courses introduced of the total number of courses across all programs offered during the year 2023-2024

Name of the Course	Course Code	Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development	Focus on	Programme Code
Micro Economic Analysis - I	22RMAECO101	Acquire Knowledge on Micro Economics	Employability	03042
Macro Economics Analysis - I	22RMAECO102	Understand Basic Macro Economics	Employability	03042
Public Economics	22RMAECO103	Knowledge on Public Economy	Skill Development	03042
Mathematical Methods of Economists	22RMAECO104	To helps economists to perform quantifiable experiments and create models for predicting future economic growth	Employability	03042
Economics of Environment	22RMAECO105	Impart Mathematical Knowledge	Employability	03042
History of Economics Thought	22RMAECO106A	Study of the philosophies of the different thinkers and theories in the subjects	Employability	03042
Indian Economic Reforms	22RMAECO106B	Understand Impact of Reforms on Indian Economy	Employability	03042
Micro Economics Analytic - II	22RMAECO201	Acquire Knowledge on Advanced Micro Economics	Employability	03042
Macro Economics Analysis - II	22RMAECO202	Acquire Knowledge on Advanced Macro Economics	Employability	03042
Economics of Growth and Development	22RMAECO203	Gain Conceptual Knowledge	Employability	03042
Statistical Methods in Economists	22RMAECO204	Acquire Decision Making Skills	Employability	03042
Computer Fundamentals for Economics (Lab)	22RMAECO205	Basic understanding of how to navigate and use digital devices, including how they interact with each other	Skill Development	03042
Entrepreneurship and Skill Development	22RMAECO206A	Teach students crucial life skills that will help them navigate this uncertain future	Employability	03042
Economics of Infrastructure	22RMAECO206B	Acquire Knowledge on Economic Infrastructure	Employability	03042
Agricultural Economics	22RMAECO301	To help students apply analytical, business and management skills	Employability	03042

Indian Economy	22RMAECO302	Understand Indian Economy	Employability	03042
Research Methodology	22RMAECO303	Students can understand the importance of research work, how to take the research topic, and that how many methods to get information regarding the research work.	Skill Development	03042
International Trade: Theory and Policy	22RMAECO304A	Gain Knowledge On Trade	Employability	03042
Federal Finance	22RMAECO304B	To understand and use various financial skills, including personal financial management, budgeting, and investing	Employability	03042
Rural Development	22RMAECO305A	Understand Rural Economy	Employability	03042
Welfare Economics	22RMAECO305B	study of the allocation of scarce resources, and as all economic phenomena take place within a geographical space, urban economics	Employability	03042
Statistical Packages and Data Analysis (Lab)	22RMAECO306	It uses machine learning algorithms, data mining, data modelling, and artificial intelligence to conduct the statistical analysis of data. Prescriptive Analysis	Employability	03042
Adhra Pradesh Economy	22RMAECO307A	vision of ensuring quality education for all through better infrastructure facilities	Employability	03042
Health Economics	22RMAECO307B	the systematic and rigorous examination of the problems faced in promoting health for all	Skill Development	03042
Industrial Economics	22RMAECO401	Knowledge on Sources of Finance	Employability	03042
Labour Economics	22RMAECO402	To analyse essential to come to conclusions regarding the labor market	Employability	03042
International Finance	22RMAECO403A	Knowledge on Sources of Finance	Employability	03042
Economics of Tourism	22RMAECO403B	to study the economic impact and contribution of tourism at local, national and international level	Skill Development	03042
Economics of Insurance	22RMAECO404A	To provide a protective safety net that allows organisations to engage in higher-risk, higher-return activities	Employability	03042
Economics of Information Technology	22RMAECO404B	To concise and accessible review of some of the important economic factors affecting information	Skill Development	03042
Financial Institutions and Markets	22RMAECO405	provide short term and long term financing so that producers of goods and services	Employability	03042
Project Evaluation and Viva-Voce	22RMAECO406	Helps students to develop the valuable communication skills	Skill Development	03042
Poetry - I	22RMAENG101	Aesthetic Beauty of Poetry	Employability	03011
Drama – I (Revisiting Shakespeare)	22RMAENG102	Drama as a Performing Act	Skill Development	03011
Fiction – I	22RMAENG103	Improve Creativity	Employability	03011
Prose – I	22RMAENG104	Develop the Imagination and Fancy	Skill Development	03011
Classical European Literature in Translation	22RMAENG105	To introduce students to the canon of Classical European literature with close-readings from the central texts translated into English	Skill Development	03011
English Language Teaching – I	22RMAENG106	Develop confidence to speak in English	Employability	03011
Introduction to Research Methodology and Modern Rhetoric	22RMAENG107	To create awareness in the students about the importance of rhetoric in actual life and literature.	Employability	03011
Poetry - II	22RMAENG201	Creative and Imaginative skills	Employability	03011
Drama – II	22RMAENG202	Artistic and theatrical skills	Employability	03011
Fiction – II	22RMAENG203	Understanding Social Reality and Cultural Implications	Employability	03011
Prose – II	22RMAENG204	Philosophical insights and Argumentative skills	Skill Development	03011
An introduction to Linguistics	22RMAENG205	To better understand your own language and culture, as well as the languages and cultures of others	Skill Development	03011

English Language Teaching – II	22RMAENG206	Enhances Communicative and Presentation Skills	Employability	03011
Life Skills Training	22RMAENG207	Life skills is a term used to describe a set of skills that enable us to effectively handle issues commonly encountered in daily life.	Employability	03011
New Literatures in English-I	22RMAENG301	Comprehending new perspectives and emerging Trends in Literature	Skill Development	03011
Indian English Literature-I	22RMAENG302	Provides overall perspective of Indian English Literature	Employability	03011
Literary Criticism-I	22RMAENG303	Theoretical Applications	Employability	03011
American Literature-I	22RMAENG304	Appreciation of American Philosophy and Literature	Employability	03011
Translation: Theory and Practice	22RMAENG305	Introduction Translation Studies is a field of study that deals with the theory, description, and application of translation	Employability	03011
Communication Skills	22RMAENG306	To improve communication skills	Employability	03011
Dynamic of Communications	22RMAENG307	The dynamic communication style emphasizes paying attention to little details beyond the theoretical know-how of business communication	Employability	03011
SWAYAM/MOOCs	22RMAENG308	The course provided a comprehensive overview of project management principles and techniques, equipping with a solid foundation to plan, execute, and control projects effectively	Employability	03011
New Literatures in English-II	22RMAENG401	Reading Literature from Post Colonial and Feministic Perspectives	Employability	03011
Indian English Literature-II	22RMAENG402	Creates Awareness on the relation between Literature and Society	Employability	03011
Literary Criticism-II	22RMAENG403	Ability to adopt various approaches to interpret Literary Texts	Employability	03011
American Literature-II	22RMAENG404	Reading Literature from Historical and Social Perspectives	Employability	03011
Subaltern Literature II	22RMAENG405	Distinguishing main stream and Marginalized Literatures	Skill Development	03011
Indian Literature In English Translations	22RMAENG406	Imparts Knowledge regarding Literary Translations	Employability	03011
Introduction to Cultural Studies	22RMAENG407	A field of academia that examines how meaning is created in social structures with adherence to class, ethnicity, gender, race, ideology, nationality, etc.	Employability	03011
Project on Language	22RMAENG408	Helps to make the language more relevant to learners' actual needs	Employability	03011
Project on Literature	22RMAENG409	Base for children to gain knowledge	Employability	03011
Comparative Public Administration	20RMAPA301	knowledge about administrative systems of two Asian and one African developing countries. It help to get international jobs.	Skill Development	03051
Public Administration in India	20RMAPA302	Knowledge on evolution of Andhra Pradesh, Green revolution, Anti-Liquor movement	Employability	03051
Human Resource Management	20RMAPA303	Skills on Human resource management and Industrial relations and challenges	Skill Development	03051
Local Governments in India with Special Reference to A.P.	20RMAPA304	Knowledge on Panchayat Raj System and Rural development	Employability	03051
Rural Development Administration	20RMAPA305A	It should also help NIRD and all rural developmt agencies jobs	Entrepreneurship	03051
Personnel Administration	20RMAPA305B	Knowledge personnel administration in private and public organization it help manager jobs in that organization	Skill Development	03051
Development Administration in India	20RMAPA401	To make the students to understand the Concept of Development Administration through integrated, organized and proper Coordination in Governmental Action in India.	Employability	03051
Financial Administration	20RMAPA402	Skills on budget-prepartion, entactment and execution	Employability	03051
Social Welfare Administration	20RMAPA403	Knowledge on welfare schemes for women, central and state social welfare boards	Employability	03051

Urban Development Administration	20RMAPA404A	Train on Issues and problems of urbanization and remedies	Employability	03051
Management of Public Enterprises	20RMAPA404B	To provide goods and services that are beneficial to the public and help to create jobs and stimulate the economy	Employability	03051
Project Work	20RMAPA405	It should also help in enhancing the life skill of the student and it help to get job	Employability & Skill Development	03051
Modern Political Analysis	20RMAPS301	Organizational manager jobs and good political analyst	Employability	03051
International Relations	20RMAPS302	Skills on industrial conflict and employee discipline	Skill Development	03051
Comparative Politics	20RMAPS303	Students will have the knowledge and skills to acquire knowledge on comparative politics scope and significance, elements of comparison, prospective movements and it help good politician	Employability	03051
Indian Political System	20RMAPS304	It helps to get all Govt. jobs and gets conversant with Legislatures, Legislative Bills and Achieves skills in various writings.	Employability	03051
Human Rights	20RMAPS305A	Knowledge on human rights and world order, commissions and judicial acts	Employability	03051
Social Movements in India	20RMAPS305B	List the definition, features and ideology of social movements and Explain social movement organizations and leadership	Employability	03051
Government and Politics in Andhra Pradesh	20RMAPS402	Knowledge on evolution of Andhra Pradesh, Green revolution, Anti-Liquor movement	Employability	03051
Local Self Governments in India	20RMAPS403	Knowledge on Panchayat Raj System and Rural development	Employability	03051
Globalization and Political Economy in India	20RMAPS404A	To get economic analyst at national and international level.	Entrepreneurship	03051
Environmental Politics	20RMAPS404B	knowledge about the environmental issues and policies and student get in environmental related jobs	Skill Development	03051
Western Political Thought	20RMAPSPA101	Understand ancient western thinkers and their writings and Develop the ability to analyze political events and problems.	Skill Development	03051
Advanced Public Administration	20RMAPSPA102	Develop the skill of becoming good administrators	Employability/ Skill Development	03051
Comparative Governments UK, USA and Switzerland	20RMAPSPA103	Students will be able to use different approaches in analyzing politics and it help to get job	Skill Development	03051
Public Policy	20RMAPSPA104	Knowledge on evolution of Andhra Pradesh, Green revolution, Anti-Liquor movement	Skill Development	03051
Center-State Relations in India	20RMAPSPA105A	to develop various job skills in organizational relations	Employability	03051
Recent Trends in India's Foreign Policy	20RMAPSPA105B	job in various international and nongovernmental organizations.	Skill Development	03051
Modern Indian Political Thought	20RMAPSPA201	Understand ancient Indian thinkers and their writings and Develop the ability to analyze political events and problems.	Employability	03051
Administrative Theories	20RMAPSPA202	Skills on scientific theories, Theories of motivation and skills in organizational principles of public and private administration	Skill Development	03051
Research Methodology	20RMAPSPA203	To create skills in manuscript writing, plagiarism check, submission of dissertation and manuscript.	Skill Development	03051
Good Governance and Information Technology	20RMAPSPA204	Skills on e-governance, IT policies, digital democracy	Skill Development	03051
Gandhian Political Thought	20RMAPSPA205A	To provide opportunities to the learners for higher studies in the area of theoretical and applied Gandhian Studies, Peace, Conflict Management, and Social Regeneration	Entrepreneurship	03051
Dr. B.R. Ambedkar's Political Thought	20RMAPSPA205B	Knowledge on constitutional laws and reservation policy	Skill Development	03051
Classical Poetry & Drama	22RMATEL101	It is designed to help students to understand the life history of great poets and understand the significance of ancient culture and traditions mentioned in classical Literature	Employability	03031
Introduction to General Linguistics	22RMATEL102	Students develop a strong understanding of phonetics, phonology, syntax and services of Indian	Employability	03031

		and western linguists regarding linguistics.		
History of Telugu Literature-I (Pre NannayatoSrinadha Period)	22RMATEL103	students develop a strong understandig of study methods of history of literature and the religious,cultural life styles in this period and develop knowledge about various generes in this period	Employability	03031
TeluguGrammar and Prosody	22RMATEL104	it is very much helpful to the students to understand the aims of ancient poetry, epic and grammar terminology.the students can understand the concepts of some parichedas in balavyakaranam.	Skill Development	03031
Folk Literature	22RMATEL105A	It is designed to introduce the folk literature and folk arts from the native languages to help the students in understanding the rich legacy of folk literature and folk arts.	Employability	03031
Translation	22RMATEL105B	students develop the knowlege about different tools techniques and method of translation. It will be helpful to the students to understand that translations is bridge between two languages and two cultures.	Employability/ Entrepreneurship/ Skill development	03031
Sathaka sahithyam	22RMATEL105C	To make the students to learn Telugu through innovative teaching, learning process	Skill Development	03031
Special Study:Pothana	22RMATEL106A	The purpose of this study was to investigate the influence of principals' intellectual stimulation on student academic performance	Employability	03031
Classical Telugu Geners	22RMATEL106B	Telugu language and literature have significant roles in modern education and media, fostering cultural identity, language development	Skill Development	03031
ModernPoetry (Prescribed Texts & Drama)	22RMATEL201	It is designed to help students to understand the life history of great poets in modern era and understand the significance of modern trends in the writings of modern poets.	Skill Development	03031
Historical Linguistics	22RMATEL202	It help the students to learn about sound change and dialect related study. Students can understand about language families of india, and comparative study between the dravidian and aaryan languages.	Employability	03031
History of Telugu Literature-2 (Prabandha period to Modern period)	22RMATEL203	students develop a strong understandig of history of literature from prabhandha to modern period and the religious, cultural life styles in this period and develop knoweledge about various generes and great poets of this period.	Employability	03031
TeluguGrammar-II and Poetics	22RMATEL204	It is very much helpful to the students to understand the aims of ancient poetry, epic and grammar terminology.the students can understand the concepts of some parichedas in balavyakaranam and poetics.	Skill Development	03031
Folk Arts	22RMATEL205A	It help the students to understand the rich legacy of folk arts and cultural artcrafts. They can give a vast knoweledge about traditional performing art forms from native rural life.	Entrepreneurship	03031
Comparative Literature	22RMATEL205B	It enables the students to learn the origin and the development of comparative study and to understand the various aspects of comparative study in various geners and south indian languages.	Employability	03031
Pada Sahithyam with Special Ref: Thallapaka Poets.	22RMATEL205C	The body of works written in the Telugu language consists of poems, short stories, novels, plays, and song lyrics, among others.	Skill Development	03031
Special Study Vemana	22RMATEL206A	To listen to them attentively and tried to understand the related implications	Skill Development	03031
ModernTelugu Genres	22RMATEL206B	To help the Student understand the impact of the western Literary trends on Genres of Telugu Modern Literature	Skill Development	03031
TeluguLiterary Criticism	22RMATEL301	It help the students to understand about the ancient lakshana and alankaara sashtra grandhas and the different siddhanthas like rasa and dhvani siddhantha. Students can learn the diffrenceess	Skill Development	03031

		between foreign and Indian theories.		
Telugu Culture	22RMATEL302	students can understand the ancient culture from primitive period and the culture up to modern period. This helps to carry the greatness of our culture to future generations	Employability	03031
Telugu Journalism	22RMATEL303A	students gain knowledge about the structure of journalism and its use in present society it inspires the students to select journalism as their profession.	Employability	03031
Regional Literature	22RMATEL303B	Students can understand the greatness of their region by knowing the history of their native place and the great writings of their regional poets. It helps the students in attaining the knowledge about various cultures and languages of their region.	Skill Development	03031
Fiction Novel, Short Story	22RMATEL303C	Students can understand the impact of various movements such as feminism, socio reformation and national movement on some genres like novel and short story.	Employability	03031
Structure of Modern Telugu	22RMATEL303D	It is designed to help the students to know about the structure of modern Telugu. It helps the students to understand the importance of modernizations of Telugu language and the problems doing so to build a standard language.	Skill Development	03031
Personality Development & Language Skills	22RMATEL304	Uses postpositions rather than prepositions. Nouns, pronouns, and adjectives	Employability	03031
Writing for Media	22RMATEL305A	To develop the basic writing skills for media include concise writing	Employability/ Entrepreneurship/ Skill development	03031
Folk Arts	22RMATEL305B	It reflects the cultural life of a community	Employability	03031
Modern Telugu Literary Criticism	22RMATEL401	It helps the students to understand about the ancient Lakshana and Alankara Sastra and the different Siddhantas like Rasa and Dhvani Siddhanta. Students can learn the differences between foreign and Indian theories.	Skill Development	03031
Prescribed Sanskrit Texts & Grammar	22RMATEL402	Students can understand about the most ancient language in the world Sanskrit. The glory and importance of Sanskrit literature and grammar, the Vedic literature, and other ancient genres in Sanskrit.	Skill Development	03031
Evolution of Telugu Language	22RMATEL403A	Students can learn about the evolution of Telugu language. Similarly, the spread of phonemes, system of sandhi, compound, gender, number, verb, etc. This type of knowledge is useful for further research.	Skill Development	03031
Telugu Women Poets & Writers	22RMATEL403B	Students understand the emerging trends of feminist writers across the world.	Skill Development	03031
Kandukuri Veeresilingam (Special Author)	22RMATEL403C	Students understand the importance of Kandukuri Veeresilingam and his dedication for our nation, humanism in his writings. The special conditions during the time of Kandukuri. The responsibility in construction of modern society	Skill Development	03031
Dalit Literature	22RMATEL403D	It helps the students to restore dignity to a long-wronged community.	Employability	03031
Indian Reformers - A Sociological Study	22RMATEL404	To find a list of great and famous Indian social reformers, study their life, works and contributions to fight evil.	Employability	03031
Contemporary Genres in Poetry	22RMATEL405A	Lead students to increased empathy and appreciation for humankind	Employability	03031
Telugu Ballads - Impact on the Society	22RMATEL405B	Lead a profound impact on Indian literature, arts, and philosophy	Skill Development	03031
Fundamentals of Analytical Chemistry	22RMSCAC301	To develop an understanding of the broad role of the chemist in measurement and problem solving for analytical tasks and also uses of analytical methods in Chemistry.	Employability/ Entrepreneurship/ Skill development	04041

Quality assurance and quality control	22RMSCAC302	Students will be able to understand implement sampling and analytical techniques which limit the errors into analytical data.	Employability/ Entrepreneurship/ Skill development	04041
Analytical Spectroscopy	22RMSCAC303A	To acquire sufficient knowledge on structure of molecules and atoms in Analytical Spectroscopy and also to find the unknown chemical composition of materials.	Employability/ Entrepreneurship/ Skill development	04041
Forensic Analysis	22RMSCAC303B	Best platform for the candidates who want to flourish their skills in detection, classification, examination, identification, testing or recognition like skills	Employability/ Entrepreneurship/ Skill development	04041
Instrumental Methods of Analysis	22RMSCAC305	To attain hands on experience on scientific instruments to get employability	Employability/ Entrepreneurship/ Skill development	04041
Practical –I Analysis of Mixtures, Ores and Cement	22RMSCAC306	This paper covers the determination of metals in drinking water, industrial effluents and also spectral analysis of complex mixtures.	Employability/ Entrepreneurship/ Skill development	04041
Practical –II Estimations	22RMSCAC307	To understand the principles involved in the estimation of inorganic mixtures	Employability/ Entrepreneurship/ Skill development	04041
Analysis of Natural and Commercial Materials	22RMSCAC401	Students aquire knowledge on the analysis of minerals,ores and fuels to get employability.	Employability/ Entrepreneurship/ Skill development	04041
Applied Analysis	22RMSCAC402	To aquire knowledge on analysis of wastematerials and commercial materials.	Employability/ Entrepreneurship/ Skill development	04041
Bioinorganic, Bioorganic, Biophysical Chemistry And Nanomaterials	22RMSCAC403A	This paper represents the functional importance of metal ions, carbohydrates, lipids and enzymes in the human body	Employability/ Entrepreneurship/ Skill development	04041
Chromatographic Techniques	22RMSCAC403B	It identifies the different constitutes of a mixture	Employability/ Entrepreneurship/ Skill development	04041
PRACTICAL –II Water Analysis, Separation and Polarographic techniques	22RMSCAC404	Students get knowledge on separation of metal ions by using different polorographic techniques.	Employability/ Entrepreneurship/ Skill development	04041
Microbiology & Cell Biology	20RMSCBT101	Enable students to identify structure of prokaryotes and eukaryotes	Skill Development	04071
Practical: Microbiology & Cell Biology	20RMSCBT101P	To identify and characterize the microorganisms	Skill Development	04071 & 04101
Chemistry of Biomolecules	20RMSCBT102	application of Biochemsistry and analytical techniques to understand the relationship between biomolecules	Skill Development	04071
Practical: Chemistry of Biomolecules	20RMSCBT102P	To understand the relationships between proteins, carbohydrates and lipids	Skill Development	04071 & 04101
Modern Genetics	20RMSCBT103	To acquaint with the state of the art techniques in biotechnology and its application in agriculture, medical and industrial sectors	Skill Development	04071
Practical: Modern Genetics	20RMSCBT103P	To develop practical skills to isolate DNA, RNA from prokaryotes and eukaryotes	Skill Development	04071 & 04101
Biophysical & Biochemical Techniques	20RMSCBT104	This offers in-depth understanding of tools and their role in biomedical and pharma industries	Employability	04071
Practical: Biophysical & Biochemical Techniques	20RMSCBT104P	Application of analytical tools to identify biomoeclules	Skill Development	04071
Intellectual Property Rights, Biosafety & Bioethics of Biotechnology	20RMSCBT105	Understand various protocols related to Filing Patents IPR's and Bio Safety Measures and Bio Ethical Procedures	Skill Development	04071
Enzymology & Intermediary Metabolism	20RMSCBT201	Enable students to understand the flow of energy through intermediates of lipid, protein and carbohydrate metabolisms	Employability	04071
Practical: Enzymology & Intermediary Metabolism	20RMSCBT201P	To identify and analyze proteins, lipids and carbohydrates	Skill Development	04071 & 04101
Immunology & Immunotechnology	20RMSCBT202	To understand immune system of humans, identify blood groups and production of recombinant proteins such as monoclonal antibodies	Employability	04071
Practical: Immunology & Immunotechnology	20RMSCBT202P	Students will gain lot of knowledge regarding immunology which include Blood grouping, various diagnostic techniques this will help them to establish from basic diagnostic lab to hi-tech	Skill Development	04071 & 04101

		lab. They get information with respect to ELISA, CFT, RIA, monoclonal antibodies production, HLA tissue typing etc		
Molecular Biology	20RMSCBT203	Enable students to gain skills on molecular tools such as electrophoresis, PCR	Skill Development	04071
Practical: Molecular Biology	20RMSCBT203P	Enable students to gain practical skills on molecular tools such as electrophoresis, PCR	Skill Development	04071 & 04101
Bioinformatics & Biostatistics	20RMSCBT204	Statistical Tools & Packages along with Bioinformatic tools	Skill Development	04071
Practical: Bioinformatics & Biostatistics	20RMSCBT204P	Statistical Tools & Packages along with Bioinformatic tools	Skill Development	04071
Entrepreneurs in Biotechnology	20RMSCBT205	Develop Intrapreneurships towards Biotech Industry	Employability	04071
Genetic Engineering	20RMSCBT301	Enable students to develop skills in plasmid construction and plant tissue culture	Employability	04071
Practical: Genetic Engineering	20RMSCBT301P	Enable students to develop practical skills in plasmid construction and plant tissue culture	Skill Development	04071 & 04101
'OMICS' Biotechnology	20RMSCBT302	Analyze genomic, and proteomic data and this offers jobs in clinical, research, pharma and entrepreneurship activities	Employability/ Entrepreneurship/ Skill development	04071
Practical: 'OMICS' Biotechnology	20RMSCBT302P	Analyze genomic, and proteomic data and this offers jobs in clinical, research, pharma and entrepreneurship activities	Skill Development	04071
Animal Biotechnology	20RMSCBT303A	To understand the cell culture, cloning and tissue engineering	Employability	04071
Practical: Animal Biotechnology	20RMSCBT303AP	Knowledge on cloning, cloning vectors, preparation of cell lines, intellectual property rights	Skill Development	04071
Plant Biotechnology	20RMSCBT303B	To acquire skills in handling of plant explants and production of natural products	Skill Development	04071
Practical: Plant Biotechnology	20RMSCBT303BP	Knowledge on plant tissue culture, production of transgenic plants and intellectual property rights	Skill Development	04071 & 04101
Bioprocess Engineering & Technology	20RMSCBT304A	To deploy fermentation techniques and its role in industrial biotechnology	Employability	04071
Practical: Bioprocess Engineering & Technology	20RMSCBT304AP	The course content will help to gain skill /knowhow about various fermentors and their operating protocols which gives employability in various bioprocess related industries	Skill Development	04071
Food Biotechnology	20RMSCBT304B	To understand the food processing techniques and food preservatives	Employability	04071
Practical: Food Biotechnology	20RMSCBT304BP	The content of the syllabus give an in depth knowledge about food microbiology and to get placement in food industry	Skill Development	04071 & 04101
Emerging Technologies in Biotechnology	20RMSCBT305	To acquire in-depth knowledge on advanced molecular and analytical tools such as Mass spectroscopy	Employability	04071
Environmental Biotechnology	20RMSCBT401A	This subject offers various methods of bioremediation and biodegradation	Employability	04071
Practical: Environmental Biotechnology	20RMSCBT401AP	The content of the syllabus give an in depth knowledge about environment and to get jobs in labs	Skill Development	04071 & 04101
Aquaculture Biotechnology	20RMSCBT401B	This offers current perspectives of aquaculture techniques to promote seed-to-seed technology	Employability	04071
Practical: Aquaculture Biotechnology	20RMSCBT401BP	On successful completions of the course, the students shall seek employment in fish farms, shrimp farms, hatcheries fish processing units, marine products export companies etc. The candidate shall start their own firms dealing with various aspects of fish culture, farm management fish products and by products and export related activities. Students will acquire employability skills, management skills and entrepreneurship skills in related to fisheries	Skill Development	04071
Pharmaceutical Biotechnology	20RMSCBT402A	Students enable to train on the synthesis of drugs and their quality assessment	Skill Development	04071
Practical: Pharmaceutical Biotechnology	20RMSCBT402AP	To critically evaluate Biopharmaceutics studies involving drug product	Skill Development	04071 & 04101
Medical Biotechnology	20RMSCBT402B	To understand various disease cycles of	Skill Development	04071

		pathogens and control mechanisms		
Practical: Medical Biotechnology	20RMSCBT402BP	To understand the various disease cycles of pathogens and control mechanisms by using antibiotics and vaccines.	Skill Development	04071 & 04101
Research Methodology & Scientific Communication Skills in Biotechnology	20RMSCBT403	To create awareness about the manuscript writing, plagiarism check, submission of dissertation	Employability	04071 & 04101
Emerging Infectious Diseases	20RMSCBT404A	Students know about the various ecological and biological factors associated with the emergence of infectious diseases in humans and their control and prevention methods.	Employability	04071
Herbal & Tissue Culture Technology	20RMSCBT404B	Students understand the role of biotechnological techniques in crop improvements	Employability	04071
Molecular Diagnostics	20RMSCBT404C	Enable the students to identify diseases and acquaint them with the basic knowledge of molecular and advanced approaches to the diagnosis.	Skill Development	04071
Probiotics, Prebiotics & Feed Technology	20RMSCBT404D	Enable the student to understand the applications of probiotics for humans, farm animals, and poultry and their role in future research.	Skill Development	04071 & 04101
Molecular Phylogeny & Nutraceuticals of Marine Sources	20RMSCBT404E	To acquaint oneself with knowledge about the marine resources and establishment of use of marine derived bioactive compounds for sustainable management in biomedical, chemical industry and food industries etc.	Skill Development	04071
Translational Research in Animal Sciences	20RMSCBT404F	Enable the students to understand the potential need for translational research and provide opportunities to enter different fields such as research, pharma companies, clinical labs, biomedical sector etc.	Employability	04071 & 04101
Molecular Drug Discovery & Development	20RMSCBT404G	This subject provides basic knowledge about the current practises of the pharmaceutical industry for drug development.	Skill Development	04071
Educational Tour	20RMSCBTSEA1	This brings awareness among the students towards the industrial processes and its ecosystem	Skill Development	04071
Grand Seminar in Advances of Biotechnology	20RMSCBTSEA2	Presentation skills towards the project works	Skill Development	04071
Critical Analysis of Landmark Discoveries	20RMSCBTSEA3	Awareness towards the milestones	Skill Development	04071
Poster Presentation	20RMSCBTSEA4	Enables the students to gain experience in writing scientific proposal and how to represent their research finding effectively.	Skill Development	04071
Dissertation	20RMSCBTSEA5	Enable students to present their project work	Employability & Skill Development	04071
Microbiology, Mycology and Plant Pathology	22RMSCBOT101	To enable students acquire skills required for jobs in laboratories	Employability & Skill Development	04142
Phycology, Bryology and Pteridology	22RMSCBOT102	To enhance basic knowledge of students and impart application of that in algal biotechnology industries	Employability & Entrepreneurship	04142
Genetics and Plant Breeding	22RMSCBOT103	To enhance the knowledge on Genetics and breeding techniques of the plants	Skill development & Entrepreneurship	04142
Taxonomy of Angiosperms	22RMSCBOT104	To equip students with skill and orientation through field work	Skill Development	04142
Practical: Theory Papers BOT 101 & 102	22RMSCBOT105P	To learn the techniques related to Microbiology, Plant pathology and Algae	Skill Development	04142
Practical: Theory Papers BOT 103 & 104	22RMSCBOT106P	To gain practical knowledge about Medicinal and multipurpose uses of plants	Skill Development	04142
Tools and Techniques in Plant Biology	22RMSCBOT201	To equip practical knowledge about Tools and techniques of plant biology	Employability & Skill Development	04142
Diversity and Evolution of Gymnosperms	22RMSCBOT202	To enhance basic knowledge of students and impart application of that in algal biotechnology industries	Employability & Skill Development	04142
Plant Anatomy and Embryology	22RMSCBOT203	To enhance the knowledge on Plant anatomy and embryology	Skill Development	04142
Plant Physiology and Biochemistry	22RMSCBOT204	To enable students acquire practical skill on Plant physiology and biochemistry	Employability & Skill Development	04142

Practical: Theory Papers BOT 201 & 202	22RMSCBOT205P	To gain the technical knowledge on Cytology, and problem solving methods in Genetics	Skill Development	04142
Practical: Theory Papers BOT 203 & 204	22RMSCBOT206P	To equip practical knowledge about molecular biology and plant development	Skill Development	04142
Molecular Biology of Plants	22RMSCBOT301	To impart recent developments in the molecular biology field with practical skills	Skill Development	04142
Plant Ecology	22RMSCBOT302	To analyse different environmental conditions and procure job opportunities in pollution remediation and eco-strategies	Skill Development	04142
Ethnobotany	22RMSCBOT303A	To determine the types of medicinal plants and how to identify plants employed by the local healers	Employability	04142
Biodiversity and Conservation	22RMSCBOT303B	To enhance knowledge on biodiversity and conservation	Employability & Skill Development	04142
Practical: Plant Anatomy and Embryology, Plant Ecology & Generic Elective	22RMSCBOT304P	To appraise the knowledge on utilization of various plant resources	Skill Development	04142
Mushroom Cultivation Theory & Practical	22RMSCBOT305	To enhance the skill and provide employment in both the rural areas and semi-urban	Employability & Skill Development	04142
Marine Plant Resources	22RMSCBOT306A	To gain knowledge of students and impart application of that in different marine plant resources	Employability & Skill Development	04142
Economic Botany	22RMSCBOT306B	To enhance the skills on different techniques and provide employment in both the rural areas and semi-urban	Employability	04142
Plant Cell and Tissue Culture	22RMSCBOT401	To appraise the knowledge on signaling mechanism and plants stress	Skill Development	04142
Genetic Engineering of Plants	22RMSCBOT402	To gain the skills and rDNA technology on crop varieties development and job opportunities	Skill Development	04142
Applied Plant Physiology	22RMSCBOT403A	To learn the techniques related to Microbiology, Plant pathology and Algae	Employability & Skill Development	04142
Phytomedicine	22RMSCBOT403B	To impart plant biotechnology skills and Genetic engineering techniques that helps in getting job opportunities	Employability & Skill Development	04142
Project Work: Dissertation, Presentation & Viva	22RMSCBOT404	to improve their understanding of research fundamentals, literature reviews, analysis, and how to articulate what they know about the subject they are studying.	Skill Development	04142
Practical: BOT401, BOT402 & BOT403	22RMSCBOT404P	To equip students with biochemistry, phytochemistry and physiological analysis	Skill Development	04142
Organic Farming	22RMSCBOT405A	to improve knowledge of different agronomic topics, including plant nutrition, crop rotation, crop harvesting, weed control, and employment opportunities.	Employability & Skill Development	04142
Gardening and Nursery Techniques	22RMSCBOT405B	To gain knowledge on nursery techniques and skills to get employment or to become an entrepreneur in the plant nursery sector.	Skill development & Entrepreneurship	04142
English Language & Communication Skills	22RACMSc(CS)1CF1	communicate effectively in spoken English on issues and ideas with a reasonable degree of fluency and accuracy in different social settings and different kinds of social encounters.	Employability	04082
Mathematical Foundations of Computer Science	22RACMSc(CS)1CF2	To use logical notation to define and reason about fundamental mathematical concepts such as sets, relations, and functions.	Employability	04082
Probability and Statistics	22RACMSc(CS)1CF3	To inspire knowledge across different areas in Statistics and Actuarial Science	Employability	04082
Data Structures using C	22RACMSc(CS)1EF1	Usage of various data structures and their Implementation, searching and sorting techniques	Employability	04082
Java Programming	22RACMSc(CS)1EF2	Implement object-oriented concepts, exception handling and file handling techniques	Employability	04082
Python Programming	22RACMSc(CS)1EF3	Implement OOPs concepts in python programming	Employability	04082
Computer Networks	22RACMSc(CS)1MC1	Apply knowledge of Data Communication principles in writing programmes	Employability	04082
Operating Systems	22RACMSc(CS)1MC2	Knowledge on process and threads, concurrency, memory management and virtual memory	Skill Development	04082
Practical: Operating Systems Lab	22RACMSc(CS)1P1	Skills on Operating Systems	Skill Development	04082

Practical: 22RACMSc(CS)1CF1/2/3	22RACMSc(CS)1P2	Skills on Foundation courses	Skill Development	04082
Practical: Cyber Security Lab	22RACMSc(CS)1P3	Analyze and evaluate the cyber security needs of an organization	Skill Development	04082
Artificial Intelligence	22RACMSc(CS)2CF1	Skill on how to make computers that are capable of intelligent behavior	Employability	04082
Cloud Computing	22RACMSc(CS)2CF2	Analyze various cloud programming models and apply them to solve problems on the cloud.	Employability	04082
Computer Graphics	22RACMSc(CS)2CF3	Skill on two dimensional transformations, 3D concepts, multimedia communication system	Skill Development	04082
Advanced Java Programming	22RACMSc(CS)2EF1	Skills on files and streams, networking, servlets	Employability	04082
Object Oriented Programming using C++	22RACMSc(CS)2EF2	Creating C++ programs, Tokens, expressions, control structures etc...	Employability	04082
R Programming	22RACMSc(CS)2EF3	Write simple pseudocode and create simple flow charts	Employability	04082
Database Management Systems	22RACMSc(CS)2MC1	Skills on relational data bases, data storage, recovery systems,	Employability	04082
Design & Analysis of Algorithms	22RACMSc(CS)2MC2	Understand asymptotic analysis and different methods. Understand linear data structures and its applications. Understand different non-linear data structures and its applications Understand divide and conquer strategy for various sorting and searching techniques. Understand and apply the greedy approach for various problems.	Skill Development	04082
Practical: Database Management Systems Lab	22RACMSc(CS)2P1	Skills on relational data bases, data storage, recovery systems,	Skill Development	04082
Practical: 22RACMSc(CS)2EF1/2/3	22RACMSc(CS)2P2	Skills on practical knowledge	Skill Development	04082
Data Ming & Data Warehousing	22RACMSc(CS)3G1	Skills on data processing, concepts description, classification	Skill Development	04082
Devops	22RACMSc(CS)3G2	focuses on systems thinking, frequent feedback loops and continuous improvement	Employability	04082
Information Security	22RACMSc(CS)3G3	understand the CIA triad of Confidentiality, Integrity and Availability	Employability	04082
Enterprise Software Engineering	22RACMSc(CS)3MC1	an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics	Employability	04082
Web Technologies	22RACMSc(CS)3MC2	Programming Skills on web technologies	Skill Development	04082
MOOCs - I (NPTEL/SWAYAM)	22RACMSc(CS)3OE1	Improve the knowledge on particular Course	Employability	04082
Practical: Web Technologies Lab	22RACMSc(CS)3P1	Design the web pages	Skill Development	04082
Practical: MEAN Stack Technologies Lab	22RACMSc(CS)3P2	Use the Express framework to build back-end logic and APIs.	Skill Development	04082
MEAN Stack Technologies	22RACMSc(CS)3SE	Create the front-end user interface using Angular.	Employability	04082
MOOCs - II (NPTEL/SWAYAM)	22RACMSc(CS)4CF	Improve the knowledge on particular Course	Employability	04082
Mini Project Work	22RACMSc(CS)4PW	Apply skills in desiging and developing applications as per the requirement	Employability	04082
Food Microbiology and safety	22RFT1CF1	To enable students to identify the microorganisms that spoil food	Employability	04161
Practical: Food Microbiology and safety	22RFT1CF1P	To enable students to identify the microorganisms that spoil food	Skill Development	04161
Introduction to Food and Nutrition	22RFT1CF2	Understanding of the basic processes involved in the preparation, transformation and conservation of foods of both animal and vegetable origin.(understandingk2 K1 CO2 Make use of the microbiology, parasitology	Employability	04161

		and toxicology of food in Examining and evaluating the relationship between food and nutrition in health and/or illness.(
Practical: Introduction to Food and Nutrition	22RFT1CF2P	Understanding of the basic processes involved in the preparation, transformation and conservation of foods of both animal and vegetable origin.(understandingk2 K1 CO2 Make use of the microbiology, parasitology and toxicology of food in Examining and evaluating the relationship between food and nutrition in health and/or illness.(Skill Development	04161
Technology of Spices, Plantation Crops and Herbs	22RFT1EF1	To gain knowledge on different types of	Employability	04161
Functional Food and Nutraceuticals	22RFT1EF2	To understand the roles of antioxidants	Employability	04161
Food Chemistry	22RFT1MC1	Able to relate the metabolic pathways of macro nutrients like carbohydrates, proteins and lipids in the metabolic function in the body,Can understand the water chemistry, known original structure and different types of emulsions and foams	Employability	04161
Practical: Food Chemistry	22RFT1MC1P	Able to relate the metabolic pathways of macro nutrients like carbohydrates, proteins and lipids in the metabolic function in the body,Can understand the water chemistry, known original structure and different types of emulsions and foams	Skill Development	04161
Fundamentals of Food Science and Technology	22RFT1MC2	Knowledge on value of cereals come to understand the what are the types of cereals and millets and their nutritional value Students can summerized about pulses and legumes and oil seeds	Employability	04161
Practical: Fundamentals of Food Science and Technology	22RFT1MC2P	Knowledge on value of cereals come to understand the what are the types of cereals and millets and their nutritional value Students can summerized about pulses and legumes and oil seeds	Skill Development	04161
Dairy Technology	22RFT2CF1	Student interpret the knowledge to develop formulation of new dairy products, Students can becom as entrepreneur in dairy industry	Entrepreneurship	04161
Practical: Dairy Technology	22RFT2CF1P	Student interpret the knowledge to develop formulation of new dairy products, Students can becom as entrepreneur in dairy industry	Skill Development	04161
Bakery Science and confectionary technoogy	22RFT2CF2	Students can understand and gain knowledge of different properties of the ingredients	Skill Development	04161
Practical: Bakery and confectionary technoogy	22RFT2CF2P	Students can understand and gain knowledge of different properties of the ingredients and processes of bakery products	Skill Development	04161
Unit Operations of Food processing	22RFT2EF1	To develop knowledge on food processing technology	Employability	04161
Practical: Unit Operations of Food processing	22RFT2EF1P	To develop knowledge on food processing technology	Skill Development	04161
Food Additives	22RFT2EF2	To develop the preservations	Employability	04161
Practical: Food Additives	22RFT2EF2P	To develop the preservations	Skill Development	04161
Food processing and preservation technology	22RFT2MC-1	To understand the role of presvatives used in food products	Entrepreneurship	04161
Practical: Food processing and preservation technology	22RFT2MC1P	Practical skills to assess the quality of food presevatives	Skill Development	04161
Post-Harvest Technology of Horticultural Crops	22RFT2MC2	Knowlegde on the development of horticultural crops	Employability	04161

Practical: Post-Harvest Technology of Horticultural Crops	22RFT2MC2P	Knowlegde on the development of horticultural crops	Skill Development	04161
Food Industry waste management and by product Utilization	22RFT3GE1	To Develop products out of food wastes	Employability	04161
Practical: Food Industry waste management and by product Utilization	22RFT3GE1P	To Develop skills	Skill Development	04161
Processing of Meat, Polutary, Fish and Marine Products	22RFT3GE2	To understand the products produced from Meat, polultry etc.	Employability	04161
Practical: Processing of Meat, Polutary, Fish and Marine Products	22RFT3GE2P	To understand the products produced from Meat, polultry etc.	Skill Development	04161
Techniques in food analysis	22RFT3MC1	To gain skills towards the foods for their nutritional contents	Employability	04161
Practical: Techniques in food analysis	22RFT3MC1P	To impart laboratory proceeedures required to determine the nature and quality of foods	Skill Development	04161
Food Packing Technology	22RFT3MC2	To develop the packaging products for sustaining the threshold of food products	Employability	04161
Practical: Food Packing Technology	22RFT3MC2P	To develop the packaging products for sustaining the threshold of food products	Skill Development	04161
Moocs	22RFT3MOOCS	Gain the knowledge to analyse the experimental results.	Employability	04161
Technology of Fats and Oils	22RFT4GE1	To gain knowledge on different types of Spices, Plantation Crops and Herbs	Employability	04161
Practical: Technology of Fats and Oils	22RFT4GE1P	To gain knowledge on different types of oils and fats	Skill Development	04161
Fermentation of Technology	22RFT4GE2	To understand the role of microorganisms in the production of industrial product	Employability	04161
Practical: Fermentation of Technology	22RFT4GE2P	To understand the role of microorganisms in the production of industrial product	Skill Development	04161
Food Supply chain Management	22RFT4MC1	To undstand the supply of food through sustainable management system	Employability	04161
Practical: Food Supply chain Management	22RFT4MC1P	To undstand the supply of food through sustainable management system	Skill Development	04161
Fruits and Vegetables Preservation Technology	22RFT4MC2	To develop technologies that are useful for the preservation of fruits, vegetables and their products	Employability	04161
Practical: Fruits and Vegetables Preservation Technology	22RFT4MC2P	To develop technologies that are useful for the preservation of fruits, vegetables and their products	Skill Development	04161
Academic research project / in-plant training	22RFT4MDDC	To Develop practical and skills orientation	Entrepreneurship	04161
Research Methodology and Biostatistics	22RFT4OE1	To understand the techniques involved in the research ethics	Employability	04161
Intellectual Property Rights	22RFT4OE2	To gain basic knowledge in the patenting system	Employability	04161
Novel Food Product Development Technology	22RFTSOC	Knowlegde on the development of food products	Employability	04161
Educational tour/Field visit and submission of report	22RMABSEA1	Familiarize the students with related activities	Employability	04021
Seminar / Poster Presentation	22RMABSEA2	To develop skills and activities	Employability/ Skill Development	04021
Introduction to Marine Biology and Ecology	22RMSCMAB101	understand the Concepts of Conservation of Marine Ecosystems and its importance	Skill Development	04021
Biological Oceanography	22RMSCMAB102	Develop the skills related to observations of marine life – flora and fauna in the ocean and sea	Employability	04021
Marine Invertebrates	22RMSCMAB103A	Skills related to identification of marine fauna	Skill Development	04021
Marine Ecology	22RMSCMAB103B	To provide a comprehensive understanding of the interactions between marine animals and their habitats	Employability/ Skill Development	04021
Marine Vertebrates	22RMSCMAB104A	Develop the skills related to observations of marine life – flora and fauna in the ocean and sea	Skill Development	04021
Principles of Aquaculture	22RMSCMAB104B	To takes into consideration the biology of the aquatic species	Skill Development	04021
Practical: MAB 101 & 103A/B	22RMSCMAB105P	obtain the knowledge on diversity, distribution and biology of marine Invertebrates	Employability/ Skill Development	04021
Practical: MAB 102 & 104A/B	22RMSCMAB106P	develop the skills on the different water parameters in the oceans and sea	Employability/ Skill Development	04021

Physical and Chemical Oceanography	22RMSCMAB201	information on physical processes of the oceans and the different chemical systems available in the marine waters	Employability/ Skill Development	04021
Fishery Science	22RMSCMAB202	employability skills to identify fishery resources, learn recent methods used in harvest and post – harvest technology in Marine Fisheries	Employability/ Skill Development	04021
Physiology and Biochemistry	22RMSCMAB203A	basic Knowledge related to physiological and biochemical processes taking place in the organism	Employability/ Skill Development	04021
Molecular Biology	22RMSCMAB203B	To make a difference by helping to answer some of the biggest global questions	Employability/ Skill Development	04021
Microbiology and Immunology	22RMSCMAB204	focus on different groups of marine organisms, their identification methods with evolution of immune system in marine organisms	Skill Development	04021
Cell Biology	22RMSCMAB204B	To to develop new vaccines, more effective medicines, plants with improved qualities and through increased knowledge a better understanding of how all living things live	Employability	04021
Practical: MAB 201 & 203A/B	22RMSCMAB205P	To acquire knowledge on D Alembertys principle and Hamiltons principles	Skill Development	04021
Practical: MAB 202 & 204A/B	22RMSCMAB206P	employability skills to identify fishery resources, learn recent methods used in harvest and post – harvest technology in Marine Fisheries	Skill Development	04021
Coastal Aqua culture	22RMSCMAB301	understand employability skills on the Design and Construction of Hatcheries/and management aspects of Shrimp/Fish Farming and hatchery Operations	Employability	04021
Marine Pollution and Toxicology	22RMSCMAB302	Imparts information on marine pollution sources causes and effects and protection of marine environment	Employability/ Skill Development	04021
Fish Nutrition and Feed Technology	22RMSCMAB303	Develop employability skills related to various feedstuffs used in aqua feed and their supplements	Employability/ Skill Development	04021
Marine Biodiversity	22RMSCMAB303B	Skills on theory of automata, formal languages, context free languages, push down automata	Employability/ Skill Development	04021
MAB 301, 302 & 303A/B	22RMSCMAB304P	To acquire knowledge on D Alembertys principle and Hamiltons principles	Employability/ Skill Development	04021
Fish Processing Technology	22RMSCMAB305	develop employability skills related to quality control of fish processing	Employability/ Skill Development	04021
Practical: Fish Processing Technology Lab	22RMSCMAB305P	develop employability skills related to quality control of fish processing and placement in any fish processing industry	Employability/ Skill Development	04021
Disaster Management	22RMSCMAB306A	To implement resilience strategies that make communities less vulnerable to environmental hazards	Employability	04021
Ornamental Fish Culture	22RMSCMAB306B	It provides a great opportunity for entrepreneurship development and income generation	Employability/ Skill Development	04021
Aquaculture Biotechnology	22RMSCMAB306C	To control the sex of fish and breeding cycle, to produce stocks with higher nutrients, more resistance to diseases, better growth rates, and more tolerance to abiotic changes	Employability	04021
Marine Biotechnology	22RMSCMAB401	Acquire the knowledge on Molecular biology techniques and different tools and techniques of Biology along with marine natural products.	Skill Development	04021
Bioinformatics, Biostatistics and Research Methodology	22RMSCMAB402	Understand the concepts related to the Selection, design and analysis of research data and application of statistical methods in biology.	Employability	04021
Ocean Management and Remote Sensing	22RMSCMAB403A	skills related to the application of remote sensing in the assessment of marine flora and ocean colour monitoring	Employability/ Skill Development	04021
Tools and Techniques in Biology	22RMSCMAB403B	imparts the principles of Disaster relief and recovery and participation in disaster relief measures and learning early warning systems for disaster and disseminate the information to stack holders.	Employability/ Skill Development	04021
Practical: MAB 401, 402 & 403A/B	22RMSCMAB404P	To acquire knowledge on D Alembertys principle and Hamiltons principles	Skill Development	04021

Internship/Project work	22RMSCMAB405	Provides knowledge about the regulations adopted by the government for safety and issues pertaining to individual rights towards research and scientific products, as well as their protection	Employability/ Skill Development	04021
Marine Resources and Conservation	22RMSCMAB406A	protecting sites with minimal direct human impact to help them recover from other stresses	Employability/ Skill Development	04021
Disease and Health Management in Aquaculture	22RMSCMAB406B	Supporting effective health and productivity management work	Employability	04021
Aquaculture Economics, Extension & Fish Marketing	22RMSCMAB406C	To develop/improve their aquaculture skills and capabilities so as to increase their farming efficiency	Employability	04021
Algebra	22RMSCMAT101	Acquire skill on Integral transforms and on Groups	Skill Development	04092
Real analysis	22RMSCMAT102	Skills on Integration and on Improper Integrals	Employability	04092
Ordinary differential equations	22RMSCMAT103A	Skills on Solving Differential Equations by different methods like Frobenius, Power series methods	Employability	04092
Internet and HTML	22RMSCMAT103B	Skill on Web Page design	Skill Development	04092
Numerical analysis	22RMSCMAT104	Knowledge on Numerical solution of ordinary differential equation, finite element method	Skill Development	04092
Fuzzy sets and fuzzy logic	22RMSCMAT104B	To acquire knowledge on crisp sets	Skill Development	04092
Complex analysis	22RMSCMAT105	Skills on Complex Integration	Employability	04092
Discrete mathematics	22RMSCMAT106	Help the students learn about the framing of scientific methodologies and how to present the research results.	Skill Development	04092
Linear algebra	22RMSCMAT201	Practical skills towards the identification and characterization of microorganisms in the food industry.	Skill Development	04092
Topology	22RMSCMAT202	Skills on topological spaces, compact spaces and separation	Skill Development	04092
Partial differential equations	22RMSCMAT203A	Skills on solving Different methods of PDE s by different methods	Employability	04092
Semi Group Theory	22RMSCMAT203B	Acquire skills on semi group Theory	Employability	04092
Galois theory	22RMSCMAT204A	Skills Rings and Extension of Fields with Galois Theory	Employability	04092
Non Linear Analysis	22RMSCMAT204B	To acquire knowledge on Linear and Linear Analysis	Employability	04092
Advanced complex analysis	22RMSCMAT205	Skills on Complex Integration	Employability	04092
Mathematical statistics	22RMSCMAT206	To acquire knowledge on probability and sampling theory, testing hypothesis	Employability	04092
Commutative algebra	22RMSCMAT301	Apply Polya's Algorithm-Ascent Algorithm – Descent Algorithm –Interpolation-Weierstrass Theorem.	Skill Development	04092
Functional Analysis	22RMSCMAT302	To acquire knowledge on Banach spaces, Hilbert spaces, finite dimensional spectral theory	Skill Development	04092
Measure and Integration	22RMSCMAT303A	Skill on Measure Theory and Integrals in Borel sets	Employability	04092
Algebraic topology	22RMSCMAT303B	Acquire skill on Integral transforms and on Groups	Skill Development	04092
Computer Networks	22RMSCMAT303B	Apply knowledge of Data Communication principles in writing programmes	Skill Development	04092
Classical mechanics	22RMSCMAT304	Acquire skill on D'Alembert's principle and Hamilton's principles	Skill Development	04092
Computer Oriented Numerical Methods	22RMSCMAT305	Practical skills towards the numerical method Problems in 'C' Language	Employability	04092
Business Mathematic-I	22RMSCMAT306A	To improve the skills of the students on problem solving	Employability	04092
Fundamentals of Mathematical Statistics	22RMSCMAT306B	To improve the skills of the students on problem solving in statistics	Employability	04092
Theoretical Computer Science	22RMSCMAT306C	Skills on Theory of automata, formal language	Employability	04092

Advanced Soft Skills	22RMSCMAT307	Improving the students personality over the society	Skill Development	04092
Banach algebra	22RMSCMAT401	Skills on theory of automata, formal languages, context free languages, push down automata	Skill Development	04092
Number Theory	22RMSCMAT402	Applying the knowledge on averages of arithmetic functions, congruences and the Jacobi symbol	Skill Development	04092
Graph theory	22RMSCMAT403A	Skills on tress and connectivity and planar graphs	Skill Development	04092
Approximation theory	22RMSCMAT403B	Use and analyze the basic methods for polynomial approximations	Skill Development	04092
Algebraic coding theory	22RMSCMAT403C	Acquire skill on Integral transforms and on Groups	Skill Development	04092
Operations Research for Industry and community Development	22RMSCMAT404	Improvies the Project knowledge to the students	Skill Development	04092
Practical: MAT-LAB	22RMSCMAT405	Practical skills towards the numarical method Problems in MAT Lab	Skill Development	04092
Business Mathematics-II	22RMSCMAT406A	To improve the skills of the students on problem solving	Employability	04092
Basic Mathematics for Social Sciences	22RMSCMAT406B	Awaring the Students knowledge and the roll of Mathematics of Social Sciences	Employability	04092
Logical Reasoning	22RMSCMAT406C	To improve the logical Thinking of Students	Employability	04092
Personality Development and Soft skills	22RMSCMAT407	Improving the students personality over the society	Skill Development	04092
General Microbiology	20RMSCMIC101	Student can learn different microorganism culture techniques and their application in various fields	Skill Development	04101
Practical: General Microbiology	20RMSCMIC101P	Student can learn different microorganism culture techniques and their application in various fields	Skill Development	04101
Microbial Genetics	20RMSCMIC102	Skills related to various genetic tools useful in Microbial Biotechnology	Skill Development	04101
Practical: Microbial Genetics	20RMSCMIC102P	Impart practical skills towards understanding microbes physiology by providing required physico-chemical parameters for their growth	Skill Development	04101
Biological Chemistry	20RMSCMIC103	Acquire the Skills related to quantification of various Biomolecules	Employability	04101
Practical: Biological Chemistry	20RMSCMIC103P	Acquire the Skills related to quantification of various Biomolecules	Employability	04101
Analytical Techniques in Biology	20RMSCMIC104	Acquire the knowledge regarding various Techniques usefull to purification charecterisation of Bio Molecules	Skill Development	04101
Practical: Analytical Techniques in Biology	20RMSCMIC104P	Analyse various Physico Chemical Techniques for identification of Biomolecules	Employability	04101
Intellectual Property Rights, Biosafety & Bioethics	20RMSCMIC105	Provides knowledge about the regulations adopted by the government for safety and issues pertaining to individual rights towards research and scientific products, as well as their protection	Employability	04101
Microbial Physiology & Metabolism	20RMSCMIC201	Impart practical skills towards understanding microbes physiology by providing required physico-chemical parameters for their growth	Employability	04101
Practical: Microbial Physiology & Metabolism	20RMSCMIC201P	Impart practical skills towards understanding microbes physiology by providing required physico-chemical parameters for their growth	Skill Development	04101
Biostatistics & Bioinformatics	20RMSCMIC203	Analyse the Biostatistical Tools and Bio informatic Tools towards Research	Skill Development	04101
Practical: Biostatistics & Bioinformatics	20RMSCMIC203P	Analyse the Biostatistical Tools and Bio informatic Tools towards Research	Employability	04101
Immunology	20RMSCMIC204	Students will gain lot of knowledge regarding immunology which include Blood grouping, various diagnostic techniques this will help them to establish from basic diagnostic lab to hi-tech lab. They get information with respect to ELISA, CFT, RIA, monoclonal antibodies production, HLA tissue typing etc	Employability	04101
Practical: Immunology	20RMSCMIC204P	Students will gain lot of knowledge regarding immunology which include Blood grouping, various diagnostic techniques this will help them to establish from basic diagnostic lab to hi-tech	Skill Development	04101

		lab. They get information with respect to ELISA, CFT, RIA, monoclonal antibodies production, HLA tissue typing etc		
Bioentrepreneurship	20RMSCMIC205	Equipped students about the opportunity in research and development (R&D) and further sustainable entrepreneurship	Entrepreneurship	04101
'OMICS' Microbiology	20RMSCMIC302	Enable the students to develop skills towards the analysis of nucleic acid sequences and prediction of protein structures using various software.	Skill Development	04101
Practical: 'OMICS' Microbiology	20RMSCMIC302P	Enable the students to develop skills towards the analysis of nucleic acid sequences and prediction of protein structures using various software.	Entrepreneurship	04101
Industrial Microbiology & Bioprocessing	20RMSCMIC303A	The student should be acquainted with the various techniques and challenges of the new and emerging areas of the microbiology industry	Employability	04101
Practical: Industrial Microbiology & Bioprocessing	20RMSCMIC303AP	To acquire practical skills about the importance of microbial and enzymatic industrial processes in the food and fuel industries.	Employability	04101
Dairy Microbiology	20RMSCMIC303B	This subject enables students to know the microorganisms positive and negative roles in dairy products.	Skill Development	04101
Practical: Dairy Microbiology	20RMSCMIC303BP	To acquaint students with practical skills towards the principles and importance of microorganisms in dairy products.	Employability	04101
Agricultural Microbiology	20RMSCMIC304A	Obtain the Knowledge related to role of Micro Organisms in Agriculture	Employability	04101
Practical: Agricultural Microbiology	20RMSCMIC304AP	Obtain the Knowledge related to role of Micro Organisms in Agriculture	Employability	04101
Food Microbiology	20RMSCMIC304B	Students gain knowledge about the importance of microorganisms in food preservation and also how the microorganisms are responsible for food spoilage and foodborne illness.	Employability & Skill Development	04101
Practical: Food Microbiology	20RMSCMIC304BP	Practical skills towards the identification and characterization of microorganisms in the food industry.	Skill Development	04101
Emerging Technologies in Biology	20RMSCMIC305	To acquaint themselves with the new technologies required for current experimental researchers in the life-sciences.	Employability	04101
Environmental Microbiology	20RMSCMIC401A	Basic Knowledge on role of Micro Organisms and protecting the Environment	Skill Development	04101
Practical: Environmental Microbiology	20RMSCMIC401AP	Obtain the Knowledge related to Bio remediation by Micro Organisms	Skill Development	04101
Marine Microbiology	20RMSCMIC401B	This subject provides the basic knowledge on microorganism diversity and role in marine environment.	Skill Development	04101
Practical: Marine Microbiology	20RMSCMIC401BP	To gain skills in biochemical, molecular, and analytical methods for the aquaculture industry	Skill Development	04101
Pharmaceutical Microbiology	20RMSCMIC402A	Develop practical knowledge for the identification of pharmaceutical products and the process of drug delivery.	Employability	04101
Practical: Pharmaceutical Microbiology	20RMSCMIC402AP	Develop practical knowledge for the identification of pharmaceutical products and the process of drug delivery.	Skill Development	04101
Medical Microbiology	20RMSCMIC402B	Obtain Employability Skills with regard to Isolation & Identification of Medically Important Pathogens	Skill Development	04101
Practical: Medical Microbiology	20RMSCMIC402BP	Acquire Employability Skills related to identification of Microbial pathogens	Skill Development	04101
Research Methodology & Scientific Communication Skills in Biology	20RMSCMIC403	It is useful to enhance the skills to understand the mechanism of electronic devices and research methodology in Scientific field.	Skill Development	04101
Grand Seminar in Advances of Microbiology	20RMSCMICSEA2	Enable the students to developed of scientific and communication skills by selecting an advanced topic in the field of microbiology and representing their views on that topic.	Skill Development	04101
Inorganic Chemistry- I	22RMSCAC101	This paper highlights to develop the ability to correlate chemical and physical properties of elements and study of coordination complexes,	Employability/ Entrepreneurship/ Skill development	04011

		carbonyls and nitrosyls.		
Organic Chemistry - I	22RMSCAC102	To understand the structural and electronic criteria of Organic Complexes.	Employability/ Entrepreneurship/ Skill development	04011
Physical Chemistry -I	22RMSCAC103A	To acquire in depth knowledge in thermodynamics and quantum mechanics.	Employability/ Entrepreneurship/ Skill development	04011
Environmental Chemistry	22RMSCAC103B	To give information for threat assessment, repair research, and establishing the level of environmental management needed for the entire system	Employability/ Entrepreneurship/ Skill development	04011
General Chemistry- I	22RMSCAC104A	To understand that all the matter consists of atoms and to learn the modern chemistry.	Employability/ Entrepreneurship/ Skill development	04011
Industrial Applications of Chemistry	22RMSCAC104B	Able to use appropriate tools and computer programs in an industrial chemistry	Employability/ Entrepreneurship/ Skill development	04011
Inorganic Chemistry Lab-I	22RMSCAC105	To identify the problems and to develop experimental tests to analyse the cations in the inorganic mixture.	Employability/ Entrepreneurship/ Skill development	04011
Organic Chemistry Lab-I	22RMSCAC106	To understand the preparation, purification and identification organic compound through analysis.	Employability/ Entrepreneurship/ Skill development	04011
Physical Chemistry Lab-I	22RMSCAC107	Students will be able to learn to prepare the chemicals with statistical analysis of molar solutions	Employability/ Entrepreneurship/ Skill development	04011
Inorganic Chemistry- II	22RMSCAC201	To gain knowledge on the properties of dia and para magnetism and study of HSAB principle.	Employability/ Entrepreneurship/ Skill development	04011
Organic Chemistry - II	22RMSCAC202	To illustrate the mechanism and stereochemical aspects addition and elimination reactions of organic compounds.	Employability/ Entrepreneurship/ Skill development	04011
Physical Chemistry –II	22RMSCAC203A	To analyse the theories and applications of Quantum mechanics and Group theory.	Employability/ Entrepreneurship/ Skill development	04011
Environmental Pollution	22RMSCAC203B	To develop an awareness of environmental issues and their impact on the planet	Employability/ Entrepreneurship/ Skill development	04011
General Chemistry- II	22RMSCAC204A	To get knowledge on basic chemical concepts and quantitative problem solving.	Employability/ Entrepreneurship/ Skill development	04011
Spectroscopic Techniques	22RMSCAC204B	To study the interaction at the molecular scale	Employability/ Entrepreneurship/ Skill development	04011
Inorganic Chemistry Lab-II	22RMSCAC205	To gain knowledge on the preparation and analysis of different coordination complexes by adopting procedure.	Employability/ Entrepreneurship/ Skill development	04011
Organic Chemistry Lab-II	22RMSCAC206	To understand the basic principles and method of separation of binary mixtures of organic compounds.	Employability/ Entrepreneurship/ Skill development	04011
Physical Chemistry Lab-II	22RMSCAC207	To develop knowledge in the determination of rate constants of hydrolysis of acids and esters	Employability/ Entrepreneurship/ Skill development	04011
Practical - II Project work	22RMSCAC405	This experiment is helpful to students to improve their skills in determination of percentage composition of each element present in the Organic Compound.	Employability/ Entrepreneurship/ Skill development	04011
Organic Synthesis - I	22RMSCOC301	Enable students to get skills on synthesis of Organic compounds for Structure and Activity Relationship (SAR) analysis to gain employability	Employability/ Entrepreneurship/ Skill development	04011
Organic Spectroscopy and Its applications	22RMSCOC302	Students will learn the principles, techniques and applications of Organic Spectroscopy for the analysis of Organic Molecules and gain employability	Employability/ Entrepreneurship/ Skill development	04011
Organic Synthesis – II	22RMSCOC303A	Students will learn procedure and different techniques related to Organic Synthesis to acquire knowledge for employability	Employability/ Entrepreneurship/ Skill development	04011

Advanced Drug Chemistry	22RMSCOC303B	To deals with the design, synthesis, and biological evaluation of small organics	Employability/ Entrepreneurship/ Skill development	04011
SWAYAM/MOOCs/NPTEL	22RMSCOC304A	Gain the knowledge to analyse the experimental results.	Employability/ Entrepreneurship/ Skill development	04011
Research Process and Methodology	22RMSCOC304B	To make to the quality of life, human welfare, and sustainable development	Employability/ Entrepreneurship/ Skill development	04011
Bio Medicinal Chemistry	22RMSCOC305	This paper is important to identify and interpret the mode of action of biologically active compounds at molecular the level to gain skills.	Employability/ Entrepreneurship/ Skill development	04011
Practical –I Estimations	22RMSCOC306	This experiment is helpful to students to improve their skills in determination of percentage composition of each element present in the Organic Compound.	Employability/ Entrepreneurship/ Skill development	04011
Practical –II Multistep Synthesis	22RMSCOC307	This experiment is useful to students to enrich their skills in various synthetic strategies for the preparation of product.	Employability/ Entrepreneurship/ Skill development	04011
Organic Synthesis - III	22RMSCOC401	Students will learn construction of Organic Molecules/ Complexes by adopting diffent methods to gain knowledge for employability.	Employability/ Entrepreneurship/ Skill development	04011
Heterocyclic Compounds and Natural products	22RMSCOC402	This course is very useful to the students to aquire the knowledge on biological activity of Heterocyclic Compounds and Natural Products.	Employability/ Entrepreneurship/ Skill development	04011
General Organic Chemistry	22RMSCOC403A	This paper covers the fundalmental concepts and vital role of Organic Chemistry in day to day life.	Employability/ Entrepreneurship/ Skill development	04011
Chemistry of Forensic Science	22RMSCOC403B	To try and ascertain when and who committed the crime	Employability/ Entrepreneurship/ Skill development	04011
Practical I- Spectral Identification of Organic Molecules	22RMSCOC404	This experiment is helpful to students to improve their skills in determination of percentage composition of each element present in the Organic Compound.	Employability/ Entrepreneurship/ Skill development	04011
Practical - II Project work	22RMSCOC405	This experiment is helpful to students to improve their skills in determination of percentage composition of each element present in the Organic Compound.	Employability/ Entrepreneurship/ Skill development	04011
Applications of Analytical Chemistry in Environmental Science	22RMSCOC406A	To provide the tools and techniques needed to identify, quantify, and study the chemical compounds and elements that make up our environment	Employability/ Entrepreneurship/ Skill development	04011
Principles of IPR and patent Laws	22RMSCOC406B	For better identification, planning, commercialization, rendering, and thereby protection of invention or creativity	Employability/ Entrepreneurship/ Skill development	04011
Classical Mechanics and Theory of Relativity	22RMSCPHY101	It is useful to develop the skills to apply Lagrangian, and Hamiltonian formalism.	Employability	04112
Atomic and Molecular Physics	22RMSCPHY102	Useful to develop the skills to analyze the atomic and molecular spectral data	Employability	04112
Solid State Physics	22RMSCPHY103	Useful to gain the skill to understand the properties of the materials.	Employability	04112
Sensors and Transducers	22RMSCPHY103(B)	Knowledge on principle and other necessary information about sensors and transducers	Employability	04112
Analog and Digital Electronics	22RMSCPHY104	It is useful to enhance the skills to understand the mechanism of electronic devices.	Employability	04112
Optical, Microwave and Satellite Communications	22RMSCPHY104(B)	Knowledge on high-speed home-based internet, smart mobile phones, machine-to-machine communication systems, and 'Everything Connected'	Employability	04112
Paper 101 & 102: General Lab	22RMSCPHY106	Gain the knowledge to analyse the experimental results.	Skill Development	04112
Paper 103 & 104 : Electronics Lab	22RMSCPHY107	Gain the knowledge to analyse the experimental results.	Skill Development	04112
Statistical Mechanics	22RMSCPHY201	Useful to develop the skills to understand the statistical aspects.	Employability	04112
EM Theory, Lasers & Modern Optics	22RMSCPHY202	To acquaint the students about the need & merits of sampling over census, theoretical and practical	Employability	04112

		applications of different sampling techniques.		
Mathematical Physics	22RMSCPHY203	Employability to work as a digital operator.	Employability	04112
Solar Energy Thermal and Photovoltaic Properties	22RMSCPHY203(B)	Using solar energy can have a positive, indirect effect on the environment when solar energy replaces or reduces the use of other energy sources.	Employability	04112
Computational Methods And Programming	22RMSCPHY204	Useful to enhance the leadership qualities.	Employability	04112
Introduction to VLSI design.	22RMSCPHY204(B)	To know the various advantages of VLSI being used in electronics.	Employability	04112
Paper 201& 202 : General Lab	22RMSCPHY206	Gain the knowledge to analyse the experimental results.	Skill Development	04112
Paper 203 & 204 : Electronics Lab	22RMSCPHY207	Gain the knowledge to analyse the experimental results.	Skill Development	04112
Quantum Mechanics-I	22RMSCPHY301	Gain the skills to understand the quantum aspects of matter.	Employability	04112
Nuclear and Particle Physics	22RMSCPHY302	To attain the skills to understand the working of nuclear reactor and the properties of elementary particles.	Employability	04112
Physics of Semiconductor Devices	22RMSCPHY303	The course offers practical knowledge on understanding and developing the analysis skills in designing a model and how to apply the operations research techniques.	Employability	04112
Photonics - I	22RMSCPHY303(B)	Advantages brought by photonics in this context include the potential for parallelization, high-speed operation, and low power consumption.	Employability	04112
Electronics - Embedded Systems	22RMSCPHY304A	It is useful to enhance the skills to understand the mechanism of embedded systems.	Employability	04112
Condensed Matter Physics-I	22RMSCPHY304B	The course offers practical knowledge on understanding and developing the analysis skills in designing a model and how to apply the operations research techniques.	Employability	04112
Paper 301 & 302 : General Lab	22RMSCPHY305	Gain the knowledge to analyse the experimental results.	Skill Development	04112
Paper 303 & 304 : Electronics Lab	22RMSCPHY306	Student to acquainted to utilise their knowledge of Statistics for the research related to health / biological/ medical fields	Skill Development	04112
Physics in Everyday Life	22RMSCPHY307	It explains the forces, motion, and energy of daily life.	Employability	04112
Quantum Mechanics - II	22RMSCPHY401	Enhance the skills to understand the quantum theory.	Employability	04112
Analytical Techniques	22RMSCPHY402	Useful to gain the skill to analyse the properties of nano-materials.	Employability	04112
Advances in Physics	22RMSCPHY403	Useful to gain the skill to understand the properties of the advanced nano-materials.	Employability	04112
Photonics - II	22RMSCPHY403(B)	Advantages brought by photonics in this context include the potential for parallelization, high-speed operation, and low power consumption.	Employability	04112
Physics of Advanced Materials	22RMSCPHY404(B)	It helps us understand the behaviour of these materials on a microscopic level, allowing us to manipulate them for specific applications	Employability	04112
Electronics – Wireless Communication Systems	22RMSCPHY404A	Based on the knowledge acquired, the students can have opportunity to work in electronic industries.	Employability	04112
Practical: Electronics – Wireless Communication Systems Lab	22RMSCPHY404AP	Students enable to understand be R tool to learn R Programming.This provide employability to the students in industries,computational labs and IT Sector.	Employability	04112
Condensed Matter Physics-II	22RMSCPHY404B	The course offers practical knowledge on understanding and developing the analysis skills in designing a model and how to apply the operations research techniques.	Employability	04112
Practical: Condensed Matter Physics-II Lab	22RMSCPHY404BP	The course offers practical knowledge on understanding and developing the analysis skills in designing a model and how to apply the operations research techniques.	Employability	04112

Project	22RMSCPHY406	To make students acquainted with various techniques of design of experiment and learn the applications of different designs in agriculture, medical and industry.	Skill Development	04112
Introduction to Nanomaterials	22RMSCPHY407	Gives a detailed review of the benefits of nanotechnology in oil exploration and production.	Employability	04112
Probability Theory-I	22RMSCST101	Skill in understanding and analysing the data using probabilistic techniques.	Skill Development	04151
Theory of Estimation	22RMSCST103	Estimate parameters based on measured empirical data	Employability	04151
Distribution Theory	22RMSCST104A	Skill on different aspects of distribution theory and construction of these distributions.	Employability	04151
Linear Algebra	22RMSCST104B	Able to understand the concepts of statistics in a simplified manner	Employability	04151
Sampling Techniques	22RMSCST105A	Enable students to acquire the sampling analysis skills	Employability	04151
Testing of Statistical Hypothesis	22RMSCST105B	Analyse to determine whether a particular result is statistically significant or simply a result of chance	Employability	04151
Practical -I	22RMSCST106	Practical Skill in understanding and analysing the data using probabilistic techniques.	Employability	04151
Statistical Inference	22RMSCST201	Computational skills to implement various statistical inferential approaches.	Employability	04151
Multivariate Analysis	22RMSCST202	Techniques of multivariate frameworks and learn to apply dimension reduction techniques.	Employability	04151
Probability Theory - II	22RMSCST203	Skill in understanding and analysing the data using probabilistic techniques.	Employability	04151
Stochastic Processes	22RMSCST204A	Ability to analyse and apply some basic stochastic processes for solving real life situations.	Employability	04151
Theory of Linear Estimation and Analysis	22RMSCST204B	To predict the value of the dependent variable given the value of the independent	Employability	04151
Linear Models and Applied Regression Analysis	22RMSCST205A	Acquainted with the theoretical foundation of the Linear models and related aspects of estimation and testing of hypotheses related to its parametric functions.	Employability	04151
Statistical Pattern Recognition	22RMSCST205B	Uses mathematical models and algorithms to identify patterns from large datasets	Employability	04151
Practical-II	22RMSCST206	Apply various functions to estimate the parameters and solve problem related to multivariate data.	Employability	04151
Econometrics	22RMSCST301	Student apply linear and non-linear regression models in analysis	Employability	04151
Design of Experiments	22RMSCST302	Students acquainted with various techniques of design of experiment and learn the applications of different designs in agriculture, medical and industry.	Employability	04151
Operations Research-I	22RMSCST303	Skill in mathematical formulation of complex decision-making problems and arrive at optimal or near-optimal solutions using different techniques of operations research.	Employability	04151
Demography and Official Statistics	22RMSCST304A	Skill on demographic theory and its application to various aspects of the economy	Employability	04151
Statistical Modelling	22RMSCST304B	Helps to analyse differentiate between reasonable and dubious conclusions based on quantitative evidence	Employability	04151
Computer Programming and Data Analysis using SPSS	22RMSCST305	To work out the standard deviation of the numbers in each column use.	Employability	04151
Practical - III	22RMSCST306	Practical Skill in understanding and analysing the data research oriented techniques	Employability	04151
Statistics for Biological and Earth Sciences	22RMSCST307A	Reviews the interdisciplinary collaboration between Environmental Sciences and Statistics	Employability	04151
Statistics for Social and Behavioral Sciences	22RMSCST307B	Focuses on a span of statistical topics relevant to researchers who seek to conduct person-specific analysis of human data	Employability	04151
Time Series Analysis and Forecasting Methods	22RMSCST401	Skill acquainted and develop statistical view to understand the time series data for forecasting	Employability	04151

		analysis.		
Business Analytics	22RMSCST402	Data Analysis Skills using R Programming	Employability	04151
Operations Research - II	22RMSCST403	Skill in mathematical formulation of complex decision-making problems and arrive at optimal or near-optimal solutions using different techniques of operations research.	Employability	04151
Statistical Process and Quality Control	22RMSCST404A	Skill acquainted with concepts quality management	Employability	04151
Statistics for Research, Industry and Community Development	22RMSCST404B	Skills in collecting, storing and disseminating the information for better integration of management decisions in various functional areas.	Skill Development	04151
Bio Statistics	22RMSCST405	Understand and interpret commonly reported statistical measures in biological sciences	Employability	04151
Practical - IV	22RMSCST406	R Programming skills provide employability to the students in industries, computational labs and IT Sector.	Employability	04151
Survival Analysis	22RMSCST407A	It can better tackle the issue of censoring as its main variable, other than time, addresses whether the expected event happened or not	Employability	04151
Inferential Statistics	22RMSCST407B	It helps to suggest explanations for a situation or phenomenon	Employability	04151
Comparative Anatomy of Invertebrata & Chordata	22RMSCZOO101	It Improves Skills in the area of species identification	Employability	04122
Animal Physiology	22RMSCZOO102	Acquires the skill and impart the Internship	Employability & Entrepreneurship	04122
Endocrinology	22RMSCZOO103B	The study of hormones and endocrine glands and organs	Employability	04122
Tools and Techniques	22RMSCZOO104A	To Analyze the differences between tools and techniques Discuss the relevant tools and techniques needed for quality	Employability	04122
Genetic Engineering	22RMSCZOO104B	To develop skills on process of cloning and expression of gene and other techniques	Employability	04122
Practical -I: ZOO101 & ZOO103	22RMSCZOO106	Helps in understanding the steps to minimise the likelihood of going things wrong in monetary aspects and design the plans of insurance that reduce the adverse impact on business activity.	Skill Development	04122
Practical -II: ZOO102 & ZOO104	22RMSCZOO107	To equip with skill development and create employability	Skill Development	04122
Genetics and Evolution	22RMSCZOO201	Focus on gearing up pre-requisite skills that can help to identify and enhance productivity and performance of work force in an organisation.	Employability	04122
Molecular Biology	22RMSCZOO202	Acquires Skills related to identification of DNA and Methods of Replication	Employability	04122
Bio molecules: Structure and function	22RMSCZOO203A	To understand structure, and functions of enzymes.	Employability	04122
Histology and Microbiology	22RMSCZOO203B	Apply the knowledge to understand the microbial physiology and to identify the microorganisms	Employability	04122
Neurobiology and Animal Behaviour	22RMSCZOO204A	It Improves Skills in understanding Neurobiology and Animal Behaviour	Employability & Skill Development	04122
Vaccines	22RMSCZOO204B	For developing a vaccine against a named infectious disease, given information on its biology and epidemiology, and on the immune response	Employability	04122
Practical -III: ZOO201 & ZOO203	22RMSCZOO206	Acquires Skills related to identification of DNA and Methods of Replication	Skill Development	04122
Practical -IV: ZOO203 & ZOO204	22RMSCZOO207	To understand the developments of organism and to improve the skills	Skill Development	04122
Environmental Biology	22RMSCZOO301	It Improves Skills in the area of species identification Field work	Employability	04122
Developmental Biology	22RMSCZOO302	Explain the molecular and genetic background of animal and plant development.	Employability	04122
Enzymology & Metabolism	22RMSCZOO303A	Analyse the role of Enzymes in Intermediary Metabolism	Employability	04122
Biostatistics and Bioinformatics	22RMSCZOO303B	To understand and to enhance the Employability, Project and Internship	Employability	04122

Practical: ZOO 301, 302 & 303A/B	22RMSCZOO304P	Practical Skills	Skill Development	04122
Poultry Science and Management	22RMSCZOO305	Understand the field level structure and functioning of insurance	Employability & Skill Development	04122
EIA & Green Auditing	22RMSCZOO306A	Understand strengths & limitations of environmental management	Employability	04122
Human Health and Infections Diseases	22RMSCZOO306b	understand the various epidemiological research methods used to obtain evidence	Employability	04122
Applied Toxicology	22RMSCZOO401	Obtain the Skills related to estimation of Toxins and various Specimens and their Impacts	Employability & Entrepreneurship	04122
Animal Biotechnology	22RMSCZOO402	Helps in building gut attitude and promoting skills of innovation, competitiveness and self-confidence to create start-ups.	Employability & Skill Development	04122
Wild life Conservation Biology	22RMSCZOO403A	To acquire the knowledge of Species identification and wild life conservation	Employability & Entrepreneurship	04122
Animal Husbandry and Dairy Technology	22RMSCZOO403B	To enhance the Employability opportunities and Entrepreneurship	Skill Development	04122
Practical -V: ZOO401, 402 & 403A/B	22RMSCZOO404P	Practical Skills	Skill Development	04122
Principles and practices of Aquaculture	22RMSCZOO405	To understand the techniques involved in aquaculture practices	Skill Development	04122
Aquatic Resources & Conservation	22RMSCZOO406A	To mould highly skilled fisheries and aquaculture technicians having a thorough understanding	Employability	04122
Medical Biotechnology IPR, Biosafety and Bioethics	22RMSCZOO406B	Gain Knowledge of working principles in a laboratory taking all safety measures	Employability	04122
Cell Biology & Immunology	23RMSCZOO103A	Helps in understanding the steps to minimise the likelihood of going things wrong in monetary aspects and design the plans of insurance that reduce the adverse impact on business activity.	Skill Development	04122
Management Theory& Organizational Behavior	22RMBA101	Focus on Management Concepts	Skill Development	01001
Managerial Economics	22RMBA102	Deals with micro economics	Skill Development	01001
Business Communication	22RMBA103	Focus on organizational communication system	Skill Development	01001
Accounting for Managers	22RMBA104	To Analyse the financial health of a company	Employability	01001
Business Law and Regulations	22RMBA105	Skills development on sampling techniques, business analytics, measures of central tendency	Entrepreneurship	01001
Green Business Management	22RMBA106	To enhance responsibility towards society and environment	Employability	01001
Practical: Advanced Excel for Managers Lab	22RMBA107P	Practical skills for employability	Skill Development	01001
Marketing Management	22RMBA201	Build skills on creating, planning and implementing strategies that helps in achieving wider objectives to business development.	Employability	01001
Financial Management	22RMBA202	Provide insights into various functions from procurement, allocation and control of funds in an organisation for achieving business objectives.	Employability	01001
Human Resource Management	22RMBA203	Improve the skills of identifying the right persons with right skills to a particular task and motivate them towards achieving organisational objectives.	Employability	01001
Production & Operations Management	22RMBA204	Focuses on improving productivity through combination and transformation of work processes, design and product quality management.	Employability	01001
Business Research Methodology	22RMBA205	Focuses on improving skilled system of collecting, storing and disseminating the information for better integration of management decisions in various functional areas.	Employability	01001
Practical: Tally and GST Lab	22RMBA206P	Helps to test the perceptual ability of students on individual discipline.	Skill Development	01001
Operations Research	22RMBA207	Enhance problem solving skills in achieving optimum solution to a business problem through modelling and mathematical approach	Skill Development	01001
Business Environment	22RMBA301	Explores the knowledge on all internal and external factors relevant to sustain and develop business in the dynamic situations .	Entrepreneurship	01001

Management Information Systems	22RMBA302	MIS is an information system used for decision-making, and for the coordination, control, analysis, and visualization of information in an organization.	Skill Development	01001
Indian Ethos and Business Ethics	22RMBA303	Ethos is a set of beliefs, ideas, etc., about social behaviour and relationship of a person or group.	Employability	01001
Project Report, Evaluation & Viva-voce	22RMBA304	Practical skills	Employability & Skill Development	01001
Risk Management and Insurance	22RMBA305F	Helps in understanding the steps to minimise the likelihood of going things wrong in monetary aspects and design the plans of insurance that reduce the adverse impact on business activity.	Skill Development	01001
Human Resource planning	22RMBA305H	Enhance skills that helps to attract and retain the desired quantity and quality of human resources in organisation through apt methodologies.	Skill Development	01001
Consumer Behaviour	22RMBA305M	Create skills to lead rise in demand for a product/ service by analysing the psychology and utility behaviour of consumer towards it.	Skill Development	01001
Enterprise Resource Planning	22RMBA305S	Understand asymptotic analysis and different methods. Understand linear data structures and its applications. Understand different non-linear data structures and its applications. Understand divide and conquer strategy for various sorting and searching techniques. Understand and apply the greedy approach for various problems.	Skill Development	01001
Financial Markets and Services	22RMBA306F	Acquint students on understanding of financial markets, the major institutions and services offered with in the framework.	Skill Development	01001
Training and Development	22RMBA306H	Focus on gearing up pre-requisite skills that can help to identify and enhance productivity and performance of work force in an organisation.	Skill Development	01001
Advertising and sales Promotion Management	22RMBA306M	Case study to be given to students on uses of python program for development of various real time applications	Skill Development	01001
Mobile Commerce	22RMBA306S	To improve the employability skills	Employability	01001
Investment and Portfolio Management	22RMBA307F	Provides insight into various investment avenues and their attributes in generating returns. Also build skills in calculating risk associated with individual asset and various portfolios.	Skill Development	01001
Performance Management	22RMBA307H	Focus on to evaluate the performance of employees	Skill Development	01001
Sales and Distribution Management	22RMBA307M	Creates knowledge on ensuring that companies process/ products desired to customers reach when and where they need, concentrating simultaneously on cost and time factor.	Skill Development	01001
Management of Software Projects	22RMBA307S	Develop the skill of maintaining the process of planning and leading the software project .	Skill Development	01001
Strategic Management	22RMBA401	Provides knowledge on idea behind making and key issues involved at the top level management in implementing business idea.	Entrepreneurship	01001
International Business Management	22RMBA402	Offers students a deeper understanding of various business management practices	Employability	01001
Entrepreneurship Development	22RMBA403	Skill enhancement on Entrepreneurship	Skill Development	01001
Employability Skill Lab	22RMBA404	Practical skills	Skill Development	01001
Industry 4.0	22RMBA405	The integration of intelligent digital technologies into manufacturing and industrial processes	Employability	01001
Financial Derivatives	22RMBA406F	Provide knowledge on reducing risk associated with financial investments like forex, commodities, stocks etc.	Skill Development	01001

Employee Engagement	22RMBA406H	The involvement and enthusiasm of employees in their work and workplace	Skill Development	01001
Retail marketing	22RMBA406M	Build skill sets in designing administrative strategy for merchandise planning and store management.	Skill Development	01001
Introduction to Python	22RMBA406S	It focuses on code readability.	Skill Development	01001
International Financial Management	22RMBA407F	Equips the facts and concepts relevant to foreign exchange exposure and risks, cross-border investments and various international markets of currency.	Skill Development	01001
Global Human Resource Management	22RMBA407H	Learning and development are key in international HR because it focuses on how to motivate the individual	Employability	01001
International Marketing	22RMBA407M	The marketing of products or services outside of your brand's domestic audience	Skill Development	01001
Artificial Intelligence & Expert Systems	22RMBA407S	Improved decision quality, cost savings, consistency, quickness, and dependability are some of the main advantages of expert systems	Employability	01001
Tax planning and management	22RMBA408F	Familiarizes students with latest provisions of tax laws and their incidence for appropriate tax planning.	Skill Development	01001
Change management and Development	22RMBA408H	Strengthens the ability of adaptability to changing conditions of business environment that contribute to organizational development	Employability	01001
Services Marketing	22RMBA408M	Boost skills to build loyalty and build long term relationships with customers in service industry.	Skill Development	01001
Decision Support Systems	22RMBA408S	Enables students to understand MIS and its usages in various decision making system	Skill Development	01001
Massive Online Open Courses (MOOC) through SWYAM Platform	22RMBA409	To achieve the three cardinal principles of Education Policy viz., Access, Equity and Quality	Employability	01001
Capital Markets	20RMCOM405A	It helps students to develop skills and knowledge in analyzing, investing and managing financial assets in the capital markets.	Skill Development	07002
Organisational Behaviour	22RMCOM101	Enable students to have a basic perspective of Management Theories and Practices	Employability	07002
Business Environment & Policy	22RMCOM102	Skills on various business environments, legal aspects, sale of goods act-1930, the companies act-2013, Income tax act-1961	Entrepreneurship	07002
Managerial Economics	22RMCOM103	Skills Development on demand and supply, market structure and pricing practices	Employability & Skill Development	07002
Marketing Management	22RMCOM104	Exposure to write scientific writing and presentation	Employability	07002
Corporate Financial Accounting	22RMCOM105	A way for businesses to keep track of their operations	Employability	07002
Cost Accounting Techniques	22RMCOM106A	It helps to analyse cost data and use the information derived for pricing and other management decisions.	Employability	07002
IT applications in Business	22RMCOM106A	To acquaint the students with the fundamentals of information technology	Employability	07002
Quantitative Techniques and Business Decisions	22RMCOM201	To evaluate investments	Skill Development	07002
Financial Management	22RMCOM202	Analyse to acquire and distribute funds, make important financial decisions	Employability	07002
Human Resource Management	22RMCOM203	It is designed in such a manner that to develop skills such as recruitment, selection, performance management etc.	Skill Development	07002
Computer Applications in Accounting	22RMCOM204	It helps students to develop skills and knowledge in analyzing, investing and managing financial assets in the capital markets.	Employability	07002
Research Methodology	22RMCOM205	Skills on various business environments.	Employability	07002

Customer Relationship Management	22RMCOM206A	To make the students understand the organizational need, benefits and process of creating long-term value for individual customers	Skill Development	07002
Marketing Research	22RMCOM206B	Understand Marketing Research	Entrepreneurship	07002
E-Commerce	22RMCOM301	It is highly relevant to students seeking to start an online business and can help them to succeed as entrepreneurs in the digital economy.	Entrepreneurship	07002
Security Analysis And Portfolio Management	22RMCOM302	Students will have gained hands-on experience in using various investment tools, portfolio optimization etc which are in high demand across various security related markets.	Employability	07002
Accounting For Managerial Decisions	22RMCOM303A	It helps students to develop strong understanding of how accounting information can be used to drive business strategy and decision making which are relevant in seeking employment in business world.	Employability	07002
Financial Markets And Services	22RMCOM303B	Students develop a strong understanding of how financial markets operate, including the impact of economic events and policy decisions on market dynamics which are highly relevant in seeking careers. i	Employability	07002
Mergers And Acquisitions of Banks	22RMCOM303C	It develops practical skills such as in-depth knowledge about the different types of mergers and acquisitions, the legal and regulatory framework that govern these transactions and the various valuation methods used in M&A that are highly valued in the job market.	Employability	07002
Advertising and sales Promotion	22RMCOM303D	To make the students understand the organizational need, benefits and process of creating long-term value for individual customers	Employability	07002
Internal Audit and Practices	22RMCOM304	To enhance skills and know-how in auditing of Information systems and the need of Internal Audit	Employability	07002
Basics of Financial Accounting	22RMCOM305A	Students will learn about fundamental concepts and principles of financial accounting such as the accounting equation, double-entry book keeping and the preparation of financial statements.	Skill Development	07002
Basics of Entrepreneurship Development	22RMCOM305B	It is highly relevant to students seeking to start their own businesses and help them to succeed as entrepreneurs.	Entrepreneurship	07002
Corporate Tax Planning and Management	22RMCOM401	It is highly relevant to students seeking employability in corporate finance as they develop a strong understanding of the legal and regulatory environment.	Employability	07002
Electronic Banking	22RMCOM402	It is highly relevant to students seeking to develop their skills in electronic banking operations, customer relationship management and risk management in the context of technology-enabled banking system.	Employability	07002
Logistics And Supply Chain Management	22RMCOM403A	It is designed to help students to develop skills and knowledge in managing the flow of goods and services from suppliers to customers in an efficient and effective manner.	Employability	07002
Insurance & Risk Management	22RMCOM403B	It helps to develop their employability skills in the insurance and risk management sector.	Employability	07002
Entrepreneurship Development	22RMCOM403C	It relevants to students seeking to start their own businesses and help them to succeed as entrepreneurs as they develop a strong understanding of the challenges and opportunities associated with entrepreneurship.	Employability	07002
Working Capital Management	22RMCOM403D	The focus will be given on financial decision making with regard to working capital management issues.	Employability	07002
Project Report & Viva-Voce	22RMCOM404	It relevant to students seeking to develop their research and presentation skills and can help them to succeed in their academic and professional pursuits.	Employability & Skill Development	07002

Tax Planning For Individual Assessee	22RMCOM405B	It helps students to develop skills and knowledge in understanding the Indian tax system and getting employability opportunities.	Skill Development	07002
Principles and Practices of Banking	22RMBF301	It is designed to help students develop skills and knowledge in understanding the banking system and managing banking operations.	Employability	10001
Financial Markets and Institutions	22RMBF303	Skills on financial services, merchant banking, mutual funds	Employability	10001
Risk Management in Banks	22RMBF303A	It designed to help students develop skills and knowledge in identifying, measuring, monitoring and managing risks in the banking sector.	Skill Development	10001
Marketing of Financial Services	22RMBF303B	It gives much emphasis on to learn about the different types of financial services, including banking, insurance, investment and wealth management, which are critical for students seeking to work in financial services industry.	Skill Development	10001
International Bank Management	22RMBF401	It focuses on developing students' skills in financial analysis, risk management, and decision making.	Employability	10001
Electronic Banking	22RMBF402	It is highly relevant to students seeking to develop their skills in electronic banking operations, customer relationship management and risk management in the context of technology –enabled banking system.	Skill Development	10001
Rural Banking Management	22RMBF403A	To enhance employees' skills and knowledge in various banking and financial domains	Employability	10001
Corporate Governance	22RMBF403B	It is designed to help students develop a deep understanding of the principles and practices of good corporate governance.	Skill Development	10001
International Financial Management	22RMBF403C	It focuses on developing students' skills in financial analysis, risk management, and decision making.	Skill Development	10001
Project Report and Viva-Voce	22RMBF404	It relevant to students seeking to develop their research and presentation skills and can help them to succeed in their academic and professional pursuits.	Skill Development	10001
Discrete Mathematical Structures	22RACMCA1CF1	Enables the development of efficient algorithms and data structures, optimizing computational processes and reducing time complexity	Employability	02001
Principles of Management	22RACMCA1CF2	Enables students to analyze and understand changing business environment, and the role of ethics, social responsibility and environmental issues in contemporary business environment	Employability	02001
Probability and Statistics	22RACMCA1CF3	You can calculate different things based on assumptions	Employability	02001
Management Information System	22RACMCA1CF4	MIS is an information system used for decision-making, and for the coordination, control, analysis, and visualization of information in an organization.	Employability	02001
Web Technologies	22RACMCA1EF1	Web development can offer flexible work arrangements, such as remote work or freelance opportunities	Employability	02001
Object Oriented Programming using C++	22RACMCA1EF2	Creating C++ programs, Tokens, expressions, control structures etc...	Employability	02001
Object Oriented Programming using Java	22RACMCA1EF3	Implement oop concepts	Employability	02001
Computer Organization	22RACMCA1MC1	Lets you know how exactly each instruction is executed at the micro level	Employability	02001
Data Structures using C	22RACMCA1MC2	Usage of various data structures and their Implementation, searching and sorting techniques	Employability	02001
Operating System	22RACMCA1MC3	will learn how to apply various tools to analyze the models including analytic and computational methods.	Skill Development	02001
Data Structures using C Lab	22RACMCA1P1	Usage of various data structures and their Implementation, searching and sorting techniques	Employability	02001
Artificial Intelligence	22RACMCA2CF1	Skill on how to make computers that are capable of intelligent behavior	Skill Development	02001

Computer Graphics	22RACMCA2CF2	Understand the basics of computer graphics, different graphics systems and applications of computer graphics	Employability	02001
Operations Research	22RACMCA2CF3	Solve linear programming problems using appropriate techniques and optimization solvers, interpret the results obtained.	Employability	02001
Design & Analysis of Algorithms	22RACMCA2CF4	Skills on knowledge presentation, using predicate logic	Skill Development	02001
Advanced Java Programming	22RACMCA2EF1	Skills on files and streams, networking, servlets	Employability	02001
Python Programming	22RACMCA2EF2	Programming Skills in Python	Employability	02001
R Programming	22RACMCA2EF3	Data Analysis Skills using R Programming	Employability	02001
Practical: 22RACMCA2EF1/2/3 Lab	22RACMCA2EFP	Improve the practical knowledge on that course	Employability	02001
Computer Networks	22RACMCA2MC1	Apply knowledge of Data Communication principles in writing programmes	Employability	02001
Database Management Systems	22RACMCA2MC2	Design algorithms for NLP tasks. 10. Develop useful systems for language processing and related tasks involving text processing.	Employability	02001
Software Engineering	22RACMCA2MC3	Skills on collecting software requirements, design software, deploy software product	Employability	02001
Machine Learning	22RACMCA3GE1	Understand the features of machine learning to apply on real world problems	Employability	02001
Digital Image Processing	22RACMCA3GE2	Evaluate the techniques for image enhancement and image restoration.	Employability	02001
DevOps	22RACMCA3GE3	focuses on systems thinking, frequent feedback loops and continuous improvement	Employability	02001
Cloud Computing	22RACMCA3MC1	Apply the fundamental concepts in datacenters to understand the tradeoffs in power, efficiency and cost.	Employability	02001
Cryptography and Network Security	22RACMCA3MC2	Apply Knowledge of conventional encryption, authentication applications, system security	Skill Development	02001
Data Mining	22RACMCA3MC3	Identify what kinds of technologies are used for different application.	Employability	02001
MOOCs - I (NPTEL/SWAYAM)	22RACMCA3OE1	Improve the knowledge on particular Course	Employability	02001
Data Mining Lab	22RACMCA3P1	Manipulate data preprocessing, data Warehouse and OLAP technology, data cube technology; mining frequent patterns and association, classification, clustering, and outlier detection.	Employability	02001
MEAN Stack Development Lab	22RACMCA3P2	will help you to master different Java components and learn to design and build powerful web apps from scratch using the MEAN stack.	Employability	02001
MEAN Stack Development	22RACMCA3SE	will help you to master different Java components and learn to design and build powerful web apps from scratch using the MEAN stack.	Employability	02001
Major Project Work	22RACMCA41PW	Apply skills in designing and developing applications as per the requirement	Employability	02001
MOOCs - II (NPTEL/SWAYAM)	22RACMCA4CF	Improve the knowledge on particular Course	Employability	02001
Work with Individuals	101MSW22	Aquire skills to practice case work	Employability	03021
Work with Groups	102MSW22	Aquire skills to practice group work	Employability	03021
History, Philosophy and Field work practice in Social Work	103MSW22	Skill will be aquired through field work practice	Skill Development	03021
Psycho-Social basis for Social Work practice	104MSW22A	It helps to develops a personality in stages, based on environment and relationships with family and community	Skill Development	03021
Communication for Social and Behaviour Change	104MSW22B	It seeks to apply tactics from marketing, social and community mobilization, mass media, entertainment, advocacy, interpersonal communication, social media and other communication approaches to support positive social and individual change	Employability	03021

Social Work Practicum-I	105MSW22P-	Facilitates to practice social work skill practice	Employability & Skill Development	03021
Work with Communities	201MSW22	social work practice skills helps to get employment	Employability	03021
Social Work Research and Social Statistics	203MSW22	Develop knowledge and research skills	Skill Development	03021
Social Action and Social Legislation	204MSW22A	Impart legal Knowledge and practice	Skill Development	03021
Environment and Social Work	204MSW22B	Promotes human well-being, compassion and an understanding of systemic discrimination.	Employability	03021
Social Work Practicum-II	205MSW22P	Facilitates to practice social work skill practice	Skill Development	03021
Social Work Practice in Health and Mental Health Care Settings	301MSW22	Aquire Knowledge and skills to practice	Employability/ Skill Development	03021
Rural, Urban and Tribal Community Development	302MSW22	Impart knowledge on community and skill to work with it	Employability	03021
Social Policy, planning and Welfare Administration	303MSW22A	aquire skill on policy formulation	Skill Development	03021
Population and Environmental studies	303MSW22B	Aquire Knowledge on environmental issues	Skill Development	03021
Counselling and Communication	304MSW22	Develop counselling and effective communication skills	Skill Development	03021
Foundation in Social work Methods	305MSW22A	Incorporates evidence-informed practice models with principles of structural practices	Skill Development	03021
Corporate Social Responsibility	305MSW22B	It helps a company be socially accountable to itself, its stakeholders.	Skill Development	03021
Social work Practicum-III	306MSW22P	Facilitates to practice social work skill practice	Skill Development	03021
Social Work in Industry	401MSW22	A specialisation coming within the field of Personnel Management	Employability	03021
Criminology and Correctional Administration	402MSW22	Understand scope and functions of social worker in correctional setting	Employability	03021
Gerontological Social work	403MSW22A	Aquire skill to act as geriatric social worker	Employability	03021
Foundations of Human Resource Development	403MSW22B	To encompass new emerging field of knowledge	Employability	03021
Social Work Research Project Work (SWRPW)	404MSW22	Emphasis should be placed on work practice and developing rapport with the local community	Employability & Skill Development	03021
Basics in Counselling	405MSW22A	To know about counselling in helping profession	Employability	03021
Basics in Life Skills	405MSW22B	Help people make informed decisions, solve problems, think critically	Skill Development	03021
Social Work Practicum-IV	406MSW22P	Facilitates to practice social work skill practice	Employability & Skill Development	03021
Social Work Practicum-V	407MSW22P	Facilitates to practice social work skill practice	Employability & Skill Development	03021
Management Functions and Behavior in Tourism	22RMBT101	Familiarize the students with management theories and organization behavioral dynamics	Skill Development	06001
Managerial Economics for Tourism	22RMBT102	Familiarize the students with the concepts of business economics	Employability/ Entrepreneurship/ Skill development	06001
Business Communication in Tourism Practice	22RMBT103	Impart communication skills for better public relations and interpretation	Employability/ Entrepreneurship/ Skill development	06001
Accounting for Managers in Tourism	22RMBT104	Observe recent developments, software and role of computers in accounting	Skill Development	06001
Business Law	22RMBT105	Understand the rules, regulations and guidelines for proper travel business	Skill Development	06001
ICT for Managers	22RMBT106	Understand the technological innovations in business	Employability/ Entrepreneurship/ Skill development	06001

Field Visit - I	22RMBT107	Familiarize the students with travel and tourism related activities	Employability/ Entrepreneurship/ Skill development	06001
Operations Research	22RMBT201	Familiarize the students to create implementable solutions to complex business challenges	Employability/ Entrepreneurship/ Skill development	06001
Research Methodology for Tourism	22RMBT202	Learn the methods of carrying out research	Employability	06001
Marketing for Tour Managers	22RMBT203	marketing concepts which drives business success by finding the best ways to reach out to customers and grow sales	Skill Development	06001
Financial Management for Tourism	22RMBT204	knowledge on financial planning and assists in acquiring and managing funds	Employability/ Entrepreneurship/ Skill development	06001
Human Resource Management for Tourism	22RMBT205	Understand Human Resources planning	Skill Development	06001
Production and Operations Management	22RMBT206	production and operations concepts which helps them effectively manage, control and supervise goods, services and people	Employability/ Entrepreneurship/ Skill development	06001
Field Visit -II	22RMBT207	Familiarize the students with travel and tourism related activities	Employability/ Entrepreneurship/ Skill development	06001
Tourism Principles, Policies and Practices	22RMBT301	Understand various elements of Tourism Management and policies in the national and international context.	Employability/ Entrepreneurship/ Skill development	06001
Tourism Geography	22RMBT302	Focuses on geographical concept used with tourism knowledge of India and different countries of the world	Employability	06001
Tourism Products	22RMBT303	Enables students to understand various tourism resources and products	Employability	06001
Management of Tourist Transport	22RMBT304	Creates awareness in students about various means of tour transport and their effective management	Skill Development	06001
Risk Management and Insurance	22RMBT305F	Provide students awareness on financial risk and insurance management	Employability/ Entrepreneurship/ Skill development	06001
Human Resource Planning	22RMBT305H	understand the importance of talented pool of employees in the organization	Skill Development	06001
Consumer Behavior	22RMBT305M	knowledge on marketing research and consumer behavior	Skill Development	06001
Financial Markets and Services	22RMBT306F	Familiarize the student with the financial institutions, markets, and regulations	Employability	06001
Training and Development	22RMBT306H	Enrich students on the need for and importance of training in the organizations	Employability	06001
Advertising & Sales Management	22RMBT306M	Familiarize the students with effective marketing advertising and promotional practices	Employability/ Entrepreneurship/ Skill development	06001
Investment & Portfolio Management	22RMBT307F	understand the different types of investment avenues available to the investors.	Employability	06001
Performance Management	22RMBT307H	effective process of performance appraisal in quality-oriented organizations through the pedagogy of case studies and practical experiences	Employability/ Entrepreneurship/ Skill development	06001
Sales & Distribution Management	22RMBT307M	manage sales and channel teams for different types of selling	Employability/ Entrepreneurship/ Skill development	06001
Field Visit-III	22RMBT308	Familiarize the students with travel and tourism related activities	Employability/ Entrepreneurship/ Skill development	06001
Travel Agency and Tour Operations	22RMBT401	develop adequate knowledge and skills applicable to travel industry	Employability	06001

Hospitality Management	22RMBT402	Provide the students insights of hotel ratings and management	Employability/ Entrepreneurship/ Skill development	06001
Tourism Planning and Development	22RMBT403	Enrich students to develop various tour plans and their development	Employability	06001
Tourism Marketing and Destination Management	22RMBT404	competitive positioning of tourism destinations	Employability	06001
Financial Derivatives	22RMBT405F	financial risk management, hedging, arbitrage between markets, and speculation	Employability/ Entrepreneurship/ Skill development	06001
Organization Development	22RMBT405H	Understand the various components and constraints involved in Organization Development	Employability/ Entrepreneurship/ Skill development	06001
Services Marketing	22RMBT405M	marketing the services as against tangible products	Employability/ Entrepreneurship/ Skill development	06001
International Financial Management	22RMBT406F	Enrich students in achieving financial efficiency and effectiveness in all markets	Employability/ Entrepreneurship/ Skill development	06001
Global Human Resource Management	22RMBT406H	Enrich students by enabling them to identify HR practices throughout the world	Employability/ Entrepreneurship/ Skill development	06001
Digital Marketing	22RMBT406M	Enables students to understand and develop a comprehensive digital marketing strategies	Employability/ Entrepreneurship/ Skill development	06001
Tax planning and management	22RMBT407F	Familiarize the student with major latest provisions of the Indian tax laws and related judicial pronouncements pertaining to corporate enterprises	Employability/ Entrepreneurship/ Skill development	06001
Change Management	22RMBT407H	Understand the basic aspects of the change management and organizational development over the changes occurs	Skill Development	06001
Retail marketing	22RMBT407M	Understand the significance of retailing and its role in the success of modern business houses.	Employability/ Entrepreneurship/ Skill development	06001
Internship cum Project	22RMBT408	Familiarize the students with travel and tourism related activities	Entrepreneurship/Skill Development	06001
FieldVisit-IV	22RMBT409	Familiarize the students with travel and tourism related activities	Employability/ Entrepreneurship/ Skill development	06001
Practical: Biochemistry	21RMSCIBT P-101	Fundamentals on Bio Chemistry of Biomolecules	Skill Development	04181
Practical: Cell Biology	21RMSCIBT P-102	Fundamentals on Cellular Organals	Skill Development	04181
Practical: Microbiology	21RMSCIBT P-103	Knowledge on Fundamentals of Micro Organisms	Skill Development	04181
Practical: English-I	21RMSCIBT P-104	Fundamentals on Communication Skills	Skill Development	04181
Practical: Microbial Physiology	21RMSCIBT P-201	Skills related to the role of Nutrients and Growth factors in Physiology and Metabolism of Microbes	Skill Development	04181
Practical: Plant Physiology	21RMSCIBT P-202	Knowledge about Physiology and Nutrition of plants	Skill Development	04181
Practical: Mammalian Physiology	21RMSCIBT P-203	Skills related to Physiological aspects of Mammals	Skill Development	04181
Practical: English-Ii	21RMSCIBT P-204	Fundamentals on Communication Skills	Skill Development	04181
Seminar & Poster Display	21RMSCIBT SEA-1	Improves the presentation Skills	Skill Development	04181
Community Service Project-1	21RMSCIBT SEA-2	Awareness towards the issues related to communities	Skill Development	04181
Biochemistry	21RMSCIBT T-101	Fundamentals on Bio Chemistry of Biomolecules	Skill Development	04181
Cell Biology	21RMSCIBT T-102	Fundamentals on Cellular Organals	Skill Development	04181

Microbiology	21RMSCIBT T-103	Knowledge on Fundamentals of Micro Organisms	Skill Development	04181
English-I	21RMSCIBT T-104	Fundamentals on Communication Skills	Skill Development	04181
Biotechnology & Human Welfare	21RMSCIBT T-105	Awareness towards the Applications of Biotechnology for the benefit of Mankind	Skill Development	04181
Environmental Education	21RMSCIBT T-106	Developed valued towards Environmental Education	Skill Development	04181
Microbial Physiology	21RMSCIBT T-201	Skills related to the role of Nutrients and Growth factors in Physiology and Metabolism of Microbes	Skill Development	04181
Plant Physiology	21RMSCIBT T-202	Knowledge about Physiology and Nutrition of plants	Skill Development	04181
Mammalian Physiology	21RMSCIBT T-203	Skills related to Physiological aspects of Mammals	Skill Development	04181
English-II	21RMSCIBT T-204	Fundamentals on Communication Skills	Skill Development	04181
Bioethics & Biosafety	21RMSCIBT T-205	Skills related to Ethics in Biology and Biosafety Measures	Skill Development	04181
Health & Hygiene	21RMSCIBT T-206	Skills related to personal Hygiene and Health Management	Skill Development	04181
Instrumentation & Bio-Analytical Tools	301IBT20	Skills on Instrumentation & Bio-Analytical Tools	Skill Development	04181
Practical: Instrumentation & Bio-Analytical Tools	301IBT20P	Skills on Instrumentation & Bio-Analytical Tools	Skill Development	04181
Bioenergetics & Membrane Biology	302IBT20	Learn about one of the functional aspects of biomembrane	Skill Development	04181
Practical: Bioenergetics & Membrane Biology	302IBT20P	Learn about one of the functional aspects of biomembrane	Skill Development	04181
Classical Genetics	303IBT20	Understanding of fundamental biological processes	Skill Development	04181
Practical: Classical Genetics	303IBT20P	Understanding of fundamental biological processes	Skill Development	04181
Developmental Biology	304IBT20	Fundamentals on Developmental Biology	Skill Development	04181
Practical: Developmental Biology	304IBT20P	Fundamentals on Developmental Biology	Skill Development	04181
Entrepreneurship Development	305IBT20	Skill enhancement on Entrepreneurship	Skill Development	04181
Practical: Journal Club & Group Discussion	305IBT20P	To enhance the knowledge and skills	Skill Development	04181
Human Values & Professional Ethics	306IBT20	It helps students to develop widely applicable skills in communication, reasoning and reflection	Skill Development	04181
Personality Enhancement And Leadership	20RPEL201	Exposure to the various entrepreneurial / managerial / leadership qualities like planning, motivation, controlling etc.	Skill Development	9999
Cyber Security Programme	22RCSP101	It is specifically designed for working professionals with IT and Technology Professionals, Project Leads and Managers in IT/Tech Companies	Skill Development	04181