



**Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability and other value framework enshrined in Sustainable Development Goals and National Education Policy – 2020 into the Curriculum**

**COURSES FOCUS HUMAN VALUES**

| <b>Programme Name</b> | <b>Course Code</b> | <b>Name of the Course</b>            | <b>Activities/Content with a direct bearing on Professional Ethics/ Gender/ Human Values / Environment and Sustainability</b> |
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| B.B.A.                | 17BB101            | BUSINESS ORGANISATION                | Criteria For Success In Modern Business, Ethics and Social Responsibility of Business.  |
| B.B.A.                | 17BB203            | BUSINESS MANAGEMENT                  | Functions of Management - Planning, Organising, Directing, Coordination and Control.  |
| B.B.A.                | 21BB101            | BUSINESS ORGANIZATION AND MANAGEMENT | Criteria For Success In Modern Business, Planning and Organizing - Directing, Co-Ordination and Control                       |
| B.B.A.                | 17BB501            | FINANCIAL MANAGEMENT                 | Financing Decisions - Capital Budgeting   |
| B.B.A.                | 17BB601            | HUMAN RESOURCE MANAGEMENT            | Qualities and roles of HR manager, Potential Appraisal managing grievances and discipline.                                    |
| B.B.A.                | 17EBB63B           | INDUSTRIAL RELATIONS                 | Social Responsibility of Trade Unions - Welfare - Worker Development & Worker participation - Strengths and Skills            |
| B.B.A.                | 19GCM42A           | ENTREPRENEURIAL DEVELOPMENT          | Entrepreneur - Qualities - Roles of an Entrepreneur   |



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| B.B.A.                 | BB203A   | ENTREPRENEURIAL DEVELOPMENT             | Entrepreneur - Qualities - Roles of an Entrepreneur   |
| B.B.A.                 | EBB64C   | CONSUMER BEHAVIOUR                      | Consumer Behaviour - Consumer motivation, Personality - Consumer learning - Consumer perception - Purchasing Process and Post purchase behavior   |
| B.B.A.                 | JBB65A   | INTERVIEW SKILLS TRAINING               | Identifying and developing unique style – Self Evaluation (Identifying Strengths and Blind spots) - Self grooming – Health consciousness  |
| M.A. English           | PEN34A   | Subaltern Literature                    | This course comprehends the problems of marginalized people and how to take care of indigenous people around the world. It helps to perceive complicatedness of Women and how they are suppressed doubly. Inculcates the students to raise their voice for Women and against Gender Discrimination. |
| M.A. English           | EEN512A  | Commonwealth Literature                 | The course contents helps to develop Human character, Empahasize the equal relationship as independent nations.   |
| NME                    | 19AOBC31 | Basics of Computer and its Applications | Internet Applications - Search of Web - Electronic Mail   |
| B.Sc. Comp. Sci.       | 19ECS51B | Management Information System           | Concepts of Management Information System and its various phases used in Software Development Management  |
| B.Sc. Comp. Sci.       | 19ECS66B | Big Data Analytics                      | Understand and solve the problems based on Big Data   |
| M.Sc. Computer Science | EPCS914S | Mobile Computing                        | Working with Wireless application Protocols to develop mobile content applications.   |



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| B.C.A.                         | 19GCA52A | Organization Behaviour               | Study the human behaviour like attitude , personality, leadership and communicaton within an organization.   |
| B.C.A.                         | 19GCA52B | Entrepreneurial Development          | Imparting knowledge on entrepreneurs and the various schemes available to be a successful entrepreneur.  |
| B.Com. Commerce                | CM306A   | Pinciples of Management              | Theories of motivation (Maslow, Herzberg, Mc Gregor's and Vroom's theories)  |
| B.Com. Commerce                | 19ECM513 | Business Laws                        | Consumer Protection Act 2019   |
| B.A. History                   | 21AEHI33 | Indian Macro Economic Environment -1 | This course helps the students to understand the human values with the help of population study, Poverty alleviation Programmes and Tax structure.   |
| B.Com. Commerce                | AECM403S | Indian Economy                       | The Students learn about the human values from concepts Poverty, Inequality, Unemployment, Government Employment Schemes, Health and Education   |
| M.Com.                         | EPCM705A | Managerial Economics                 | This course helps the students to understand the human values with the help of social responsibility of business and role of managerial Economist in decision making.  |
| M.A. / M.Sc. / M.S.W. / M.Com. | EHI513   | Human Rights                         | Justice and Human Rights – Liberty and Equality. The Universal Declaration of Human Rights . The Universal Declaration of Human . Rights of Women and children – Indian Human Rights Commission. Contemporary issues in Human Rights . |
| B.Sc. Microbiology             | 19MB305  | Immunology                           | Classification of infections, Source of infection, Methods of transmission of infection, Factors predisposing to microbial pathogenicity, Types of   |



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|                    |         |                  | infectious diseases – Immunity - Innate or native immunity, Factors affecting innate immunity, Mechanisms of innate immunity, Acquired or adaptive immunity, Active immunity, Passive immunity, Local immunity, Herd immunity, Antigen – Antibody Reactions - Serological reactions, Precipitation reaction, Mechanism of precipitation, Agglutination reaction; Complement System, Hypersensitivity - Classification of hypersensitivity reactions, Type I Reactions (IgE dependent), Anaphylaxis, Atopy, Type II reactions: cytolytic and cytotoxic, Type III reactions: immune complex diseases, Arthus reaction, Serum sickness, Type IV reactions: Delayed Hypersensitivity, Tuberculin (Infection) type, Cutaneous basophil hypersensitivity, Contact dermatitis type, Type V reactions (stimulatory hypersensitivity), Shwartzman reaction |
| B.Sc. Microbiology | 19MB407 | Immunotechnology | Antigen – Antibody Reactions – Antigen-antibody titre - Complement fixation test (CFT), Neutralization tests, Opsonisation, Radioimmunoassay (RIA), Enzyme immunoassay (EIA), Enzyme linked immunosorbent assay (ELISA), Chemiluminescence immunoassay (CLIA), Immunoelectroblot / Western blot techniques, Immunochromatographic tests, Immunoelectron microscopic tests, Immunofluorescence, Immunohematology - ABO blood group system, Rh blood group system, Other blood group system, Medical applications of blood groups,  |



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|                    |          |  | Blood transfusion, Hemolytic disease of the newborn, Detection of Rh antibodies, Identification of Rh incompatibility, ABO hemolytic disease. Production of antibodies - Monoclonal antibodies, Factor influencing antibody production, Immunology of transplantation  |
| B.Sc. Microbiology | 21MBP402 | Basic experiments in Immunology and microbial genetics | Separation of serum, Separation of plasma, Blood grouping – Forward, Widal – Slide test, ASO test, RPR test, RA test, VDRL test, Study of blood smear for cell morphology, Differential Count, WBC & RBC Count   |
| B.Sc. Microbiology | 19MB509  | Food and Dairy Microbiology                            | Contamination, spoilage and preservation of - vegetables and fruits, meat and meat products, fish and sea food, poultry products, canned food, Food fermentations – bread, malted beverages, idly, fermented vegetables, pickles, Oriental fermented foods- Probiotics: definition, types of microorganisms and health benefits, Milk and milk products - fermented dairy products - butter, cheese, yogurt, acidophilus milk; Spoilage and defects of fermented dairy products; Milk-borne diseases; Microbiological analysis of milk, Food-borne infections and intoxications - bacterial, non-bacterial |
| B.Sc. Microbiology | 19MB510  | Medical Bacteriology                                   | Laboratory diagnosis and prevention of infections  |
| B.Sc. Microbiology | 19MB512  | Industrial Microbiology                                | Production of alcohol and beverages – Ethanol, beer and wine, vinegar - Single cell proteins - Organic acids - lactic acid, citric acid, acetic acid - Steroid   |





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|                            |          |                              | transformations, Production of Vitamins - riboflavin, cyanocobalamin  |
| B.Sc. Microbiology         | 19EMB51B | Algal Technology             | Algae as SCP - <i>Spirulina</i>   |
| B.Sc. Microbiology         | 19SMB51C | Food Safety                  | GM food   |
| B.Sc. Microbiology         | 19SMB51D | Entrepreneurial Microbiology | Mushroom cultivation: Mushroom cultivation – edible and poisonous mushrooms   |
| B.Sc. Microbiology         | 19MB614  | Medical Virology             | Antiviral agents - Viral vaccines   |
| B.Sc. Microbiology         | 19MB615  | Medical Mycology             | Antifungal therapy, Dermatophytosis,  |
| B.Sc. Microbiology         | 19MB616  | Biotechnology                | Genetically modified foods, Recombinant products – insulin, tPA, Interferons – Gene therapy   |
| B.Sc. Microbiology         | 19EMB62B | Clinical Microbiology        | Vector borne diseases; Zoonotic diseases; Sexually transmitted diseases; Emerging diseases  |
| NME                        | NMEFT401 | Food Processing Technology   | Processed foods – Jam, canned fruit juices, pickles, Bread, Seafoods, Dairy products - Market milk, Special milk, Cream, Butter, Ice Cream, Cheese, Dried milk products; Packaging of milk and milk products. |
| M.Sc. Applied Microbiology | 21PMB11  | Fundamentals of Microbiology | Scope of Microbiology (Employability and Entrepreneurship)  |
| M.Sc. Applied Microbiology | 21PMB12  | Immunology                   | Immunohaematology - Blood groups, blood transfusion, Rh incompatibilities; Antigen-Antibody   |



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|                            |          |                        | reactions, Microbial infections, Brief account of autoimmune diseases; Immunodeficiency; Transplantation immunology – immunological basis of graft rejection, immunosuppressive therapy; Cancer and the immune system  |
| M.Sc. Applied Microbiology | 21PMB14  | Microbial Ecology      | Airborne diseases, Drinking water treatment – chlorination, Waterborne diseases  |
| M.Sc. Applied Microbiology | 21PMB23  | Medical Microbiology   | Pathogenicity and laboratory diagnosis of infections caused by selected bacteria, Pathogenesis and Lab diagnosis of selected fungal infections   |
| M.Sc. Applied Microbiology | 21EPM26A | Methods in Biology     | Single neuron recording, patch-clamp recording, ECG, Brain activity recording, lesion and stimulation of brain, pharmacological testing, PET, MRI, fMRI, CAT   |
| M.Sc. Applied Microbiology | 21EPM26B | Medical Lab Technology | Blood volume measurements. RBC, WBC & platelet counts, Blood banking & Immunohaematology: Methods of estimation of Haemoglobin, Methods of determination of PCV, Blood transfusion and hazards; Requirement of Blood Collection - Blood collection - Phlebotomy - Sampling errors - Collection and preservation of biological fluids - Anticoagulants                        |
| M.Sc. Applied Microbiology | 21SPMB2A | Public Health          | Concept of health, Definition of health, Determinants of health, Indicators of health, Concept of Disease, Concept of causation, Concept of control, Concept of prevention, Nutrition and health – Nutritional requirements, Energy, Balanced diet, Nutritional problems in public health, Environment and health – Water pollution, Water quality – criteria and standards, |



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|                            |          |                                | Air pollution, Noise, Radiation, Medical entomology, Occupational health – Occupational hazards, Radiation hazards, Accidents in industry; Genetics and health – Chromosomal disorders, Mendelian diseases, Disease prevention and Control – Immunizing agents, Immunization schedule; Healthcare of the community; Health planning and management |
| M.Sc. Applied Microbiology | 21SPMB2B | Probiotics for Human Health    | Role of probiotics in human health   |
| M.Sc. Applied Microbiology | 21PMB32  | r-DNA Technology               | Applications of recombinant DNA technology - Production of Recombinant and Synthetic Vaccines; Genetically modified microorganisms; Recombinant proteins as therapeutic agents   |
| M.Sc. Applied Microbiology | 21PMB33  | Food Microbiology              | Prebiotics and Synbiotics - Definition and Health benefits.  |
| M.Sc. Applied Microbiology | 21PMB34  | Human Infections and Diagnosis | Background to the infectious diseases; Transmission; Specimen Processing, Gastrointestinal tract infections, Vector borne infections ,   |
| M.Sc. Applied Microbiology | 21PMB41  | Microbial Biotechnology        | Qualities of an entrepreneur, Factors influencing entrepreneurship   |
| M.S.W.                     | PSW11A   | Social Work Profession         | Social Welfare, Social Security, Social Defense, Social Justice, Dalit Movements - Gandhian ideology and Sarvodaya movement, Human Rights - Social Work with Marginalized and Vulnerable sections - Geriatric Social Work  |





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| M.S.W. | 19PSW12 | Social Case Work                         | Worth and Dignity of Clients, Case worker-client Relationship, Practice of Social Casework  |
| M.S.W. | 21PSW13 | Social Group Work                        | Therapeutic Approach: Behavior Modification Therapy, Rational Emotive Therapy, Family Therapy, Group Work Practice in Different settings  |
| M.S.W. | 19PSW14 | Community Organization and Social Action | Collective Decision Making, Role of Social Workers in Community Organization and Social Action  |
| M.S.W. | EPSW15A | Psychology for Social Work Practices     | Psychological Approach to understand Human Behavior, types and factors influencing, Personality and structure, Developmental Periods and Challenges, Adjustment and Maladjustment, Stress, Frustration, Conflict, Responsible Sexual Behavior, Motivation, learning, instincts and Mental Health, Concepts of Normality and Abnormality. Causation of Mental Illness                                  |
| M.S.W. | EPSW15B | Family and Marital Counselling           | Family ecology, Family functions, Family norms, Family patterns, Family structure, Family practices, Humanistic Theories, Factors contributing to marital conflicts. Separation and divorce, Stress, Lack of adequate child care, inflexible work environment, infertility, Adoption, Marriage and family, Family counseling; Marital Therapy; Pre-marital Counseling; approaches to marital Therapy. |
| M.S.W. | EPSW15c | Social Work with Children And Youth      | Demographic profile of children and youth in India, female child in India, Delinquent child - Juvenile justice system, State and Central Government programmes for children   |



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| M.S.W. | 21PSW23  | Social Policy and Social Legislation   | Fundamental Rights, Fundamental Rights and Directive principles of State Policy, Policies and Programmes in India – Education, Health, Housing, Environment, Employment, Family, Child, Women, Elderly, Disabled and Backward Classes, Nithi Aayog, Prevention of Immoral Traffic Act 1986 |
| M.S.W. | 21PSW24  | Counseling: Theory and Practice        | Basic Principles of Counseling, Principles governing the Counseling Relationship. Qualities of Counselor, Family and Marital Counseling, Infertility Counseling, Counseling in different settings  |
| M.S.W. | EPSW25A  | Sociology for Social Workers           | Social Problems in India, Problems of subaltern  |
| M.S.W. | EPSW25B  | Disaster Management                    | Rehabilitation and Commemorations  |
| M.S.W. | EPSW25C  | Environmental Social Work              | Resettlement and rehabilitation of people  |
| M.S.W. | 19PSWS1  | Life Skills for Social Work            | Imparting practical knowledge on Life Skills which covers understanding self through a SWOT, Communication, Presentation skill, Interpersonal Skills such as Group Decision Making and Negotiation Skills  |
| M.S.W. | 22PSW31A | Rural and Tribal Community Development | Problems of Tribes, Tribal Resettlement and Rehabilitation and its related problems.   |
| M.S.W. | 22PSW31B | Human Resource Management              | Disciplinary procedures – Domestic enquiry – Grievance Procedure   |



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| M.S.W. | 22PSW31C | Medical Social Work                    | Role and functions of medical social worker, physically challenged, Nutritional disorders, Occupational health problems, Women's health problems, Pediatric health problems and Geriatric health problems, Medical social work practices in different in Settings |
| M.S.W. | 22PSW32A | Urban Community Development            | Urbanization and Social Problems , Human Trafficking, Juvenile Delinquency, Programs for Slum Dwellers, Socio-Psychological Issues of Slum Dwellers, Urban Social Concerns: 108 Service, Women Helpline, Child helpline.  |
| M.S.W. | 22PSW32B | Labour Legislations and Labour Welfare | Labour Problems in India - Labour Welfare, Contract Labour (Regulations and Abolition) Act 1970, Inter-state Migrant Workman (Regulations of Employment and Condition of Service) Act -1979, Social Security Legislations.  |
| M.S.W. | 22PSW32C | Mental Health and Social Work          | Psychiatric Assessment and Intervention, Psycho Somatic Disorder. Alcoholism, Drug abuse and Suicide.   |
| M.S.W. |          |  | place in family and society; status of girl child, Problems of Children, Role and Functions of Professional Social worker in Family setting   |
| M.S.W. | 19PSW41B | Organizational Behaviour               | Human Behaviour at Work, Inter-Personal and Intra-Personal behavior   |
| M.S.W. | 20PSW41C | Psychiatric Social Work                | Psychiatric social work practice, Social Work treatment - Theory and Models, Psychiatric Social Work Practices, Child Mental Health and Social Work practice, Psychological Rehabilitation  |



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| M.S.W.                                 | 20PSW42B | Industrial Relations        | Industrial Relations- Code of discipline, Industrial Relations Legislations  |
| M.S.W.                                 | 20PSW42C | Community Health            | Community Health Care, Health Legislation  |
| B.A., B.Sc., B.C.A.,<br>B.Com., B.B.A. | VE101A   | Value Education             | Process of implementing values in our lives, acquiring social values, family in process of value formation, importance of moral values, cultural values, religious values. |
| B.A., B.Sc., B.C.A.,<br>B.Com., B.B.A. | EPD201A  | Dynamics of Personality     | Familial determinants, cultural factors, Need for Personality Development  |
| B.A. Tamil                             | 19TA203  | Sitrilakiyam                | Veeramamunivar- Thirukaavalur Kalambagam   |
| B.A. Tamil                             | EPDT201T | Ulaviyal - Aalumai Valarchi | Needs and Importance of Personality, Projective Techniques   |
| B.A. Tamil                             | 17ATA33  | Ithazhiyal                  | Seithigalai Sepaniduthal- Nutpangal- Seithiyin Kootamaippu- Pinpatrathaka Nerigal- Pathirikai Sattangal-Vazhimuraigal  |
| B.A. Tamil                             | 17ATA44  | Kalvetiyal                  | Nadukul matrum Kalvettugal Sirappugal, Manidha Vizhumangal-Aaraivu Nerigal   |
| B.A. Tamil                             | 17AOT401 | Mozhi Peyarpu               | Verification of Vocabulary, Multi Language Skill, Challenges of Translator and Training  |
| B.A. Tamil                             | 19TA408  | Tamil Elakiya Varalaaru     | Bakthi Ilakkiyangal- Vazhviyal Koorugal Naaval, Naadagam, Kathai, Kavithai Valarchi  |



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| B.A. Tamil    | 17TA407  | Kaapiyangal                           | Seeraa Puranam- Vudumbu Pesiya Padalam, Kamba Ramayanam-Kumbakarnan Vadhai Padalam  |
| B.A. Tamil    | 19TA407  | Samaya Ilakiyam                       | Veeramamuni- Thembavani- Neer Varam Adaindhadhu   |
| B.A. Tamil    | 19ATA101 | Tamizhaga Varalaarum Makkal Panpaadam | Sindhuveli Agazhvaraichi- Pandaya Thamizharin Ayal Naattu Thoderbugal, Pandaya Thamizharin Vazhkkai Nerigal, Perarusugalin Valarchi -Veezhchi |
| B.A. Tamil    | VET101T  | Ulaviyal - Vizhuma Kalvi              | Value Based Education, Importance of Value Education- Gender Equity   |
| B.A. Tamil    | 17TA617  | Sanga Ilakiyam                        | Sanga Ilakiyangalil Makkalin Vazhviyal Matrum Nerimuraigal  |
| B.A. Tamil    | 19TA101  | Ikala Ilakiyam                        | Barathiyar, Barathidasan, Arivumathi, Sirukathai, Urainadai, Nadagam  |
| B.A. Tamil    | 19TA305  | Sidher Ilakiyam                       | Sivavakiyar, Patinathar, Pambatisidhar, Kudambai Sither   |
| B.Sc. Zoology | 19ZO408  | Biotechnology                         | Socio economic issues of Biotechnology in India   |
| B.Sc. Zoology | 20EZ513B | Public Health and Hygiene             | Scope of Public health and Hygiene  |

  
Principal

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