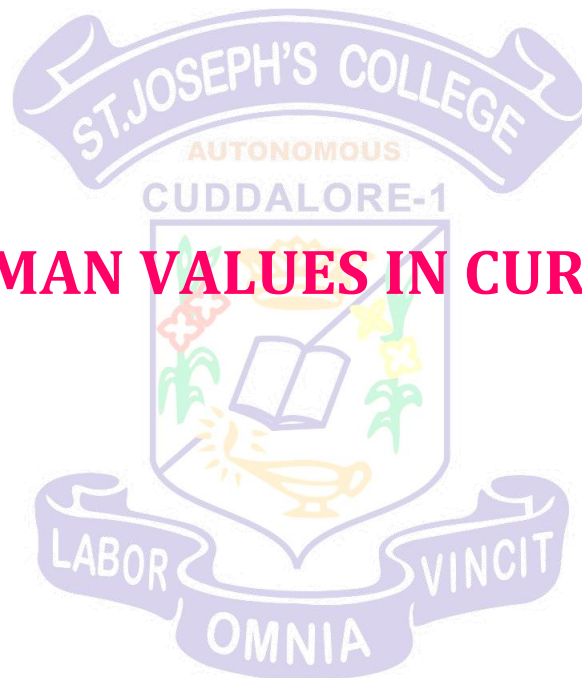




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7.1.9 HUMAN VALUES IN CURRICULUM



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

Programme Name	Course Code	Name of the Course	Activities/Content with a direct bearing on Professional Ethics/ Gender/ Human Values / Environment and Sustainability
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



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, Empahazise 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.
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	Principles 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	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 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, 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 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 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, 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
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
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
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
M.S.W.	20PSW42B	Industrial Relations	Industrial Relations- Code of discipline, Industrial Rellations Legislations
M.S.W.	20PSW42C	Community Health	Community Health Care, Health Legislation



B.A., B.Sc., B.C.A., 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., 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	Nadukal 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
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



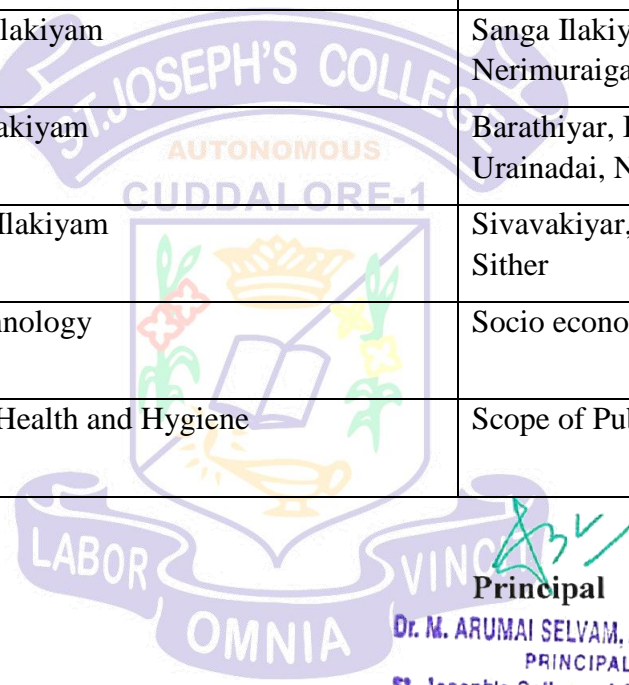
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B.A. Tamil	19ATA101	Tamizhaga Varalaarum Makkal Panpaadam	Sindhuveli Agazhvaraichi- Pandaya Thamizharin Ayal Naattu Thoderbugal, Pandaya Thamizharin Vazhkkai Nerigal, Perarusugalin Valarchi - Veezhchi
B.A. Tamil	VET101T	Ulaviyal - Vizhuma Kalvi	Value 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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