

### 1.1.1. Curriculum developed/ adopted relevant to local/regional / global developmental needs

PROGRAMMES	DESCRIPTION
B.A. English	Literature from local to World literature deal with culture and social issues; communication and skill development courses for employability and entrepreneurship; Courses focusing on competitive exams
M.A. English	Courses dealing with Literature from across the globe deal with socio-cultural and economic issues, problems of women, and psychology of humans, to enable a better understanding of human values. Communication and Soft skill courses for employability and skill development. Courses focusing on competitive exams
B.A Tamil	The undergraduate courses in Tamil deals with cultural and social issues. Skill based courses helps to develop the students for employability at regional, national and global level.
M.A Tamil	The PG Tamil courses are based on developing literary skills, research oriented courses that increase research aptitude and helps to make Tamil relevant to regional, national and global needs.
BA Economics	The students are learn the knowledge about entrepreneurship, trade and their management among national and international level through the subject like Economics of Development and Planning, Entrepreneurial Development, Principles of Management, International Economics
MA Economics	Managerial Economics, Marketing Management, Energy Economics, Development Economics this subjects are help the students to knowing about the national structure and its efficiency in production
B.A. & M.A. History	Offers courses on World history, Indian history and History of Tamilnadu.
B. Com	Financial Management, Goods and services tax, Modern marketing, funds handling in banks, devolve of E-Commerce facilitating access to national and international connectivity in no time

M.Com	Courses like Global Marketing Management, Human Resource Management, E-Commerce are offered for global trend Income Tax Law and Practices for national level
B. Sc & M. Sc Mathematics	Calculus helps to have better problem-solving skills in one's personal life and in the physical world around him as well. Analysis and Algebra invokes analytical thinking and ability to think critically upon the social issues. Courses such as Operation research, Statistics, Combinatorics etc helps in developing ability to think logically about a situation and take up new projects for the future development of the society.

B. Sc Physics	Applied Physics, Laser Physics & application, Physics in everyday life, Biomedical Science & Technology and food science Technology to cater the needs of society from regional to global level
M. Sc Physics	Microprocessors & Microcontrollers, Instrumentation for Physics, Nano Physics, Lasers and Opto electronics to explore the developing research areas.
B. Sc & M. Sc Chemistry	Analytical Chemistry, Food Chemistry, Polymer Chemistry, Electroscopy and Spectroscopy Inorganic Chemistry-3, Physical Chemistry -3 suits the need of students to get placed in R&D lab, Pharmaceutical industry and Nuclear power plants
B. Sc Botany	Herbal Medicine and Cosmetics, Applied Botany, Horticulture and Plant breeding and Medicinal Botany to create employability and entrepreneurship
B. Sc Zoology	The courses viz., Apiculture, Sericulture and Dairy farming, Applied microbiology, Vermitechnology, Poultry and Animal farming enhance student's employability thereby meet the local, global needs of the nation
M. Sc Zoology	Environmental Biology and Toxicology, Biodiversity and Conservation Biology
B. Sc Food Science and Nutrition	Food Microbiology, Food Preservation, Medical Nutrition Therapy, Community Nutrition, Diet Therapy, Functional Food and Preventive Health, Public Health And Hygiene, Post-Harvest Technology, Clinical Biochemistry
M. Sc Food Science and Community Nutrition	Community Nutrition, Medical Nutrition Therapy, Food Safety and Toxicology, Nutraceutical and Nutra genomics, Food Processing, Food Microbiology, Public Health and Hygiene

<p>B. Sc Nanoscience</p>	<p>Applied Nanotechnology, Nanomaterials and their properties, Synthesis, and characterization of Nanomaterials, Nanoelectronics and Nano magnetism, Nanobiotechnology, Carbon Nanotubes and Nanocomposites, Nanomedicine, Nanophysics, Nano chemistry, Nanobiology. These papers utilize the technology at the nanoscale level and to fabricate nanodevices for drug delivery, dye sensitized solar cells etc., which meet the societal needs. Applied Nanotechnology, Nanomaterials and their properties, Synthesis and characterization of Nanomaterials, Nanoelectronics and Nano magnetism, Nanobiotechnology, Carbon Nanotubes and Nanocomposites, Nanomedicine, Nanophysics, Nano chemistry, Nanobiology. These papers utilize the technology at the nanoscale level and to fabricate nanodevices for drug delivery, dye sensitized solar cells etc., which meet the societal needs.</p>
<p>B. Sc &amp; M.Sc. Computer Science</p>	<p>To fit the needs of the hour in IT arena, the following courses have been included Programming Courses like C, C++, Java, C# andPython; Web Development Courses like HTML, PHP,ASP.NET; Database Development and Management Courses like MS- Access, ORACLE,MYSQL; System Software Courses like Operating System, Android, LINUX; Networking Courses like Data Communication andNetworks, CloudComputing; Computer Based Designing Courses like ComputerGraphics, Adobe Products ( Flash, Photoshop,PageMaker); Software Development Courses like System Analysis and Design, Software Engineering; Data Analytics Courses like DataMining; Machine Learning Courses like Artificial Intelligence, Neural Networks</p>

MCA	Web Technology and XML, Financial Accounting, Open Technologies, Artificial Intelligence and Robotics, Big Data Analytics, Digital Image Processing with MatLab, Service Oriented Architecture, Mobile Application Programming, Cryptography and Network Security, Geographic Information System, Adhoc and Sensor Network, Python and Perl Programming enable to be an IT expert who suits the needs of IT industry, get good employment and can become a goodresearcher.
BCA	Flash & Photoshop, Financial Accountancy, Cyber Security, Software Testing, Java and PHP with MySQL, Web Technology, Computer Forensics, Enterprise Resource Planning to create employability and caters the needs of the IT industry.