

CHRIST COLLEGE (AUTONOMOUS), IRINJALAKUDA

Accredited by NAAC with 'A' Grade, Affiliated to University of Calicut



PROGRAMME SPECIFIC OUTCOMES

(ACADEMIC YEAR 2019 – '20 ONWARDS)

IRINJALAKUDA NORTH P.O., THRISSUR, KERALA - 680125,

Website: www.christcollegeijk.edu.in, E-mail: office@christcollegeijk.edu.in

Phone - Office (0480) 2825258, Principal: 2820005, Res: 2825384, 2828241, Fax: 2831552

PROGRAMME SPECIFIC OUTCOME

PROGRAMME NAME	SHORT NAME	PROGRAMME CODE
Bachelor of Business Administration	BBA	CCBBA
PSO1	· Acquire an in-depth knowledge in Management subjects.	
PSO2	· Develop various skills like Leadership skill, communication skill, presentation skill, interaction skill, etc.	
PSO3	· Meet the demands of the employment market.	
PSO4	· Develop their skills and competencies to transform themselves into an entrepreneur/ leader.	
PSO5	· Pursue professional courses/ higher studies like MBA, CMA etc.	
PSO6	· Meet the eligibility requirement for placement in IT companies, banks, manufacturing firms, corporate etc.	
Bachelor of Computer Applications	BCA	CCABCA
PSO1	· Capable of implementing new ideas suitable for the fast moving world	
PSO2	· Ability to develop and design website as per the end user requirement	
PSO3	· Excellent communication skill with bold outlook	
PSO4	· Up to date knowledge of latest advancements in the industry	
PSO5	· Effective time management skills	
PSO6	· Ability to apply knowledge of computing and mathematics appropriate to the discipline	
PSO7	· Ability to apply design development principles in the construction of software systems of varying complexity	
Bachelor of Vocation Food Processing Technology	Bvoc FPT	CCAVFP
PSO1	· To empower the students with the professional competence and expertise of food processing technology	
PSO2	· To enable the students to understand food composition and its physicochemical, nutritional, microbiological and sensory aspects	
PSO3	· To familiarize the students about the processing and preservation techniques of food products	
PSO4	· To emphasize the importance of food safety, food quality, food plant sanitation, food laws and regulations, food engineering and packaging in the food industry.	

Bachelor of Vocation Information Technology Bvoc IT	Bvoc IT	CCAVIT
PSO1	<ul style="list-style-type: none"> To familiarise DataBase Management Systems, with an emphasis on how to organise, maintain and retrieve information from a DBMS efficiently and effectively. 	
PSO2	<ul style="list-style-type: none"> To develop adequate skills in computer programming and get trained in implementation of various applications using 'Python' and 'R'. 	
PSO3	<ul style="list-style-type: none"> To provide students with knowledge and skills in data science, statistics for data-intensive problem solving and use data visualisation tools like Tableau, Power BI, Qlikview that enable users to connect to a wide variety of data sources and create reports and dashboards. 	
PSO4	<ul style="list-style-type: none"> To learn the working of Raspberry Pi, its features, how various components can be used with Pi and to construct IoT systems and use cloud services for processing and storage of the Big data produced by the IoT devices. 	
PSO5	<ul style="list-style-type: none"> To enable the students to design and implement user interfaces and layouts of Android applications and to understand the process of configuring, booting and testing the Embedded Linux distributions and applications running on Embedded Linux target systems. 	
PSO6	<ul style="list-style-type: none"> To be able to utilise contemporary computing technologies such as machine learning, AI, parallel and distributed computing and to solve practical problems characterised by Big data. 	
Bachelor of Physical Education	BPE	CCABPD
	On completion of BPE, students are able to:	
PSO1	<ul style="list-style-type: none"> Develop values and ethics of a teacher 	
PSO2	<ul style="list-style-type: none"> Understand and develop the basic knowledge about human body and it's function 	
PSO3	<ul style="list-style-type: none"> Develop leadership and organization skills of sports competitions 	
PSO4	<ul style="list-style-type: none"> Understand the importance of skills and techniques involved in sports 	
PSO5	<ul style="list-style-type: none"> Specify the exercise leading to performance enhancement in sports 	
PSO6	<ul style="list-style-type: none"> Prescribe exercise for health and fitness management 	
PSO7	<ul style="list-style-type: none"> Handle children with a variety of play and recreational activities 	
PSO8	<ul style="list-style-type: none"> Develop basic idea of research and statistics 	
PSO9	<ul style="list-style-type: none"> Understand national integrity and harmony 	
PSO10	<ul style="list-style-type: none"> Assess and suggest the diet needs of different people 	
Bachelor of Social Work	BSW	CCABSW

PSO1	<ul style="list-style-type: none"> To equip students with knowledge, values and skills required for basic level social work practice 	
PSO2	<ul style="list-style-type: none"> Sensitize about contemporary social – economic and social realities through classroom teaching and field work practice 	
PSO3	<ul style="list-style-type: none"> Develop understanding and integration of social work theories and practice as a foundation as entry level practitioners . 	
PSO4	<ul style="list-style-type: none"> Demonstrate constructive critical thinking skills and ethical decision making. 	
PSO5	<ul style="list-style-type: none"> Understand and analyse different social work settings and with diverse groups 	
Bachelor of Science, Chemistry	B.Sc. Chemistry	CCASCH
PSO1	<ul style="list-style-type: none"> To find out the green route for chemical reactions for sustainable development 	
PSO2	<ul style="list-style-type: none"> To acquire firm knowledge over fundamental theories, concepts of all branches of Chemistry and apply them to advanced studies 	
PSO3	<ul style="list-style-type: none"> To be able to develop analytical thinking and apply the same for the understanding of underlining principles, proposing mechanisms, problem solving, identification of chemical species and arriving to logical conclusion. 	
PSO4	<ul style="list-style-type: none"> To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries. 	
PSO5	<ul style="list-style-type: none"> To appreciate the achievements in Chemistry and to know the role of Chemistry in nature and in society. 	
PSO6	<ul style="list-style-type: none"> To develop problem solving skills. 	
PSO7	<ul style="list-style-type: none"> To familiarize with the emerging areas of Chemistry and their applications in various spheres of Chemical sciences and to apprise the students of its relevance in future studies. 	
PSO8	<ul style="list-style-type: none"> To develop skills in the proper handling of apparatus and chemicals 	
Bachelor of Commerce, Finance	B.Com. Finance	CCABCM
	On completion of B. Com, students are able to	
PSO1	<ul style="list-style-type: none"> Acquire an in-depth knowledge in commerce subjects. 	
PSO2	<ul style="list-style-type: none"> Meet the demands of the employment market. 	
PSO3	<ul style="list-style-type: none"> Develop their skills and competencies to transform themselves into an entrepreneur/ leader. 	
PSO4	<ul style="list-style-type: none"> Pursue professional courses/ higher studies like CA, CMA, MBA, etc. 	
PSO5	<ul style="list-style-type: none"> Meet the eligibility requirement for placement in banks, central excise, income tax, railways, etc. 	
Bachelor of Science, Computer Science	B.Sc. Computer Science	CCASCS

PSO1	<ul style="list-style-type: none"> Students will be able to design, develop, document and test software using current technologies. 	
PSO2	<ul style="list-style-type: none"> Students will understand the fundamentals of Computer Architecture and computing theory. 	
PSO3	<ul style="list-style-type: none"> Students will demonstrate the ability to give presentations and write technical reports. 	
PSO4	<ul style="list-style-type: none"> Students will demonstrate understanding of the social and ethical issues related to the profession. 	
PSO5	<ul style="list-style-type: none"> Students will be able to solve problems working in group settings. 	
Bachelor of Arts, Economics	B.A. Economics	CCAECR
	On completion of B.A. Economics, students are able to:	
PSO1	<ul style="list-style-type: none"> Understand basic concepts of economics. 	
PSO2	<ul style="list-style-type: none"> Analyze economic behaviour in practice and develop entrepreneurial skills. 	
PSO3	<ul style="list-style-type: none"> Understand the philosophical and economic way of thinking and visualize the real world situation. 	
PSO4	<ul style="list-style-type: none"> Analyze historical and current events from an economic perspective. 	
PSO5	<ul style="list-style-type: none"> Acquaint with some basic mathematical and statistical methods to be applied in economics. 	
PSO6	<ul style="list-style-type: none"> Develop research knowledge in economics. 	
Bachelor of Arts, English & History	B.A. English & History	CCADER
	After completing B.A. English and History Double Main a student should achieve skills to	
PSO1	<ul style="list-style-type: none"> To inculcate the curiosity among the students about the past. 	
PSO2	<ul style="list-style-type: none"> To impart intellectual skills to make a sense about the past. 	
PSO3	<ul style="list-style-type: none"> To express the command on English and its linguistic structures. 	
PSO4	<ul style="list-style-type: none"> To develop and understand the presentness of the past. 	
PSO5	<ul style="list-style-type: none"> To understand the plurality of Indian culture and tradition. 	
PSO6	<ul style="list-style-type: none"> To develop skills to appreciate literature works. 	
PSO7	<ul style="list-style-type: none"> To inculcate the spirit of nationalism and patriotism among the students. 	
PSO8	<ul style="list-style-type: none"> To develop the ability to appreciate ideas and think critically. 	
Bachelor of Arts, English Literature	B.A. English Literature	CCAEGR
PSO1	<ul style="list-style-type: none"> Familiar with the conventions of diverse textual genres including fiction, nonfiction, poetry, autobiography, biography, Journal, film, plays, editorials etc. and to develop the ability to appreciate ideas and think critically. 	

PSO2	<ul style="list-style-type: none"> Expand their communicative skills and soft skills and it will help them for developing their overall personality 	
PSO3	<ul style="list-style-type: none"> Aware with excellent pieces of different genres of literature in English so that they realize the beauty and communicative power of English and they will develop interest in reading literary pieces. 	
PSO4	<ul style="list-style-type: none"> Categorize the basics of phonology of English so that they can pronounce better, and speak English correctly than the students of other disciplines 	
PSO5	<ul style="list-style-type: none"> Gain perceptive insights into the socio-political dynamics, the structuring points of view, the dominant ideology, hegemony, the prevailing common sense and communal underpinnings that mediate the writing, production, reception and survival of a work 	
Bachelor of Arts, Functional English	B.A. Functional English	CCAFER
PSO1	<ul style="list-style-type: none"> Learners improve their ability to express themselves in English in formal and informal situations. 	
PSO2	<ul style="list-style-type: none"> Learners identify the linguistic and pragmatic variations in English in relation to context and speakers. Learners get exposed to advanced level of grammatical patterns and usages in English. 	
PSO3	<ul style="list-style-type: none"> Learners improve their skills to speak and write English accurately. 	
PSO4	<ul style="list-style-type: none"> Learners enhance their skills to analyse the internal patterns and functions of language in different contexts. 	
PSO5	<ul style="list-style-type: none"> Learners get to handle the target language effectively in an internationally acceptable manner. 	
PSO6	<ul style="list-style-type: none"> Learners realize the complexities underlying the structure and function of human languages 	
PSO7	<ul style="list-style-type: none"> Learners get a comprehensive idea about business correspondence 	
PSO8	<ul style="list-style-type: none"> Learners will have an overall view of basic theories of translation and translate texts 	
PSO9	<ul style="list-style-type: none"> Learners acquire functional knowledge of the fundamentals of media writing and will be able to write for print and electronic media 	
PSO10	<ul style="list-style-type: none"> Learners will be able to understand and analyse plays in relation to history, culture and theory 	
PSO11	<ul style="list-style-type: none"> Learners understand and achieve the rudimentary skills for being a successful English teacher 	
PSO12	<ul style="list-style-type: none"> Learners develop abilities to critically reflect on other's writings from different angles 	
PSO13	<ul style="list-style-type: none"> Learners develop skills to connect films with history, politics, technology, psychology and Performance. 	

PSO14	<ul style="list-style-type: none"> Learners will become familiar with the various movements and ages in English literature and analyse representative works of literature 	
PSO15	<ul style="list-style-type: none"> Learners will be able to function in English at different professional domains 	
Bachelor of Science, Food Technology	B.Sc. Food Technology	CCASFT
	On completion of B.Sc. Food Technology, Students are able to:-	
PSO1	<ul style="list-style-type: none"> Understand the depth of knowledge in different topics of Food Technology. 	
PSO2	<ul style="list-style-type: none"> Apply theoretical knowledge of principles and concepts of innovative ideas in the practical problems of food industry. 	
PSO3	<ul style="list-style-type: none"> Identify the area of their interest in academics and in research and development. 	
PSO4	<ul style="list-style-type: none"> Continue advanced study in various fields like cereals, dairy, alcohol, sugar, bakery and confectionery, fruits, vegetables, oils and oil seed processing and meat-fish. 	
PSO5	<ul style="list-style-type: none"> Understanding concepts such as the composition of food, develop in candidates an understanding of food's nutritional, physiochemical and microbial properties. 	
PSO6	<ul style="list-style-type: none"> Provide students an advanced insight to different techniques related to food preservation and food processing and also to teach students concepts such as the importance of food quality, plant sanitation, food laws and regulations and packaging in food industry. 	
PSO7	<ul style="list-style-type: none"> Begin an employment in various fields like science, education, hotels, hospitals, food industries, laboratories, quality testing organizations, entrepreneur, research etc. 	
Bachelor of Science, Geology	B.Sc. Geology	CCASGL
	After successful completion of three year degree program in Geology a student should be able to:	
PSO1	<ul style="list-style-type: none"> Students will get an understanding about concept of geological time, different periods and important events in geology and dating of geological materials. 	
PSO2	<ul style="list-style-type: none"> Students will be able to identify geological structures like fold, fault, joints and unconformity. 	
PSO3	<ul style="list-style-type: none"> Students will be exposed to studies on natural hazards, assess its effects and various management and mitigation measures. 	
PSO4	<ul style="list-style-type: none"> Construct and interpret geologic cross sections from geological and topographic maps. 	
PSO5	<ul style="list-style-type: none"> Good understanding about plate tectonic process and explain its relationship to earth processes, features and landforms. 	
Bachelor of Science, Hotel Management & Catering Science	B.Sc. Hotel Management & Catering Science	CCAHMCS

PSO1	<ul style="list-style-type: none"> Carry out the routine work of a shift in front office including Checkout, Check in, Reservation & Billing 	
PSO2	<ul style="list-style-type: none"> Clean a room including toilets in the standard procedure, treating stains, and making bed 	
PSO3	<ul style="list-style-type: none"> Makes food and bakery items keeping the basic principles and in different methods 	
PSO4	<ul style="list-style-type: none"> Makes beverages both alcoholic & Non-alcoholic, in internationally accepted styles 	
PSO5	<ul style="list-style-type: none"> Design a hotel restaurant abiding the prevailing food safety laws of the country giving high importance to hygiene & drainage accepted by the local authorities 	
PSO6	<ul style="list-style-type: none"> Monitor the theft of cash inflows & Outflows by going through the accounts & bills 	
PSO7	<ul style="list-style-type: none"> Run own establishments as he can set Standard procedure specification & can take all the licenses needed 	
PSO8	<ul style="list-style-type: none"> Run catering establishments of any kind 	
PSO9	<ul style="list-style-type: none"> Controls the staffing & their needs according to the prevailing Labour laws 	
PSO10	<ul style="list-style-type: none"> Do all the internal & external communication & banking transactions & insurances as needed 	
Bachelor of Arts, Malayalam	B.A. Malayalam	CCAMAR
PSO1	<ul style="list-style-type: none"> To appreciate and understand the historical, cultural and intellectual spheres of Malayalam Literature. 	
PSO2	<ul style="list-style-type: none"> To create a critical awareness of the cultural history of the Malayalam language and the state of Kerala. 	
PSO3	<ul style="list-style-type: none"> To create content, edit and write in various platforms including new media using the Malayalam language. 	
PSO4	<ul style="list-style-type: none"> To gain practical experience in research methodology on language and cultural studies. 	
Bachelor of Science, Mathematics	B.Sc. Mathematics	CCASMT
PSO1	<ul style="list-style-type: none"> Incorporate logical thinking in the phases of formulation, development and in solving mathematical reasoning problems. 	
PSO2	<ul style="list-style-type: none"> Comprehend both real life as well as abstract problems and analyze it in an accurate, organized manner with a critical view. 	
PSO4	<ul style="list-style-type: none"> Investigate and provide solutions mathematically in a varieties of contexts related with real life situations, especially in the arena of technology, science, social sciences, economics and other areas. 	
PSO4	<ul style="list-style-type: none"> Acquire proficiency to use different technical models from different areas, through in – depth inter- disciplinary knowledge about topics offered through the curriculum. 	
PSO5	<ul style="list-style-type: none"> Place themselves to pursue advanced studies and research in pure and applied mathematics. 	

PSO6	<ul style="list-style-type: none"> Expand their mathematical expertise when needed through applications of the concepts in research. 	
PSO7	<ul style="list-style-type: none"> Work efficiently in a broad range of fields like analytical, technical, financial and scientific in nature. 	
Bachelor of Science, Physics	B.Sc. Physics	CCASPH
	On completion of B.Sc. Physics, Students are able to:	
PSO1	<ul style="list-style-type: none"> Understand the depth of knowledge in different topics of Physics. 	
PSO2	<ul style="list-style-type: none"> Demonstrate skills and competencies to conduct wide range of scientific experiments. 	
PSO3	<ul style="list-style-type: none"> Identify the area of their interest in academics and in research and development. 	
PSO4	<ul style="list-style-type: none"> Continue advanced study or begin an employment in various fields like science, education, banking, public service, etc. with precision, analytical mind, innovative thinking, clarity of thought and expression and systematic approach. 	
Bachelor of Science, Psychology	B.Sc. Psychology	CCASPY
PSO1	<ul style="list-style-type: none"> To familiarize with the major concepts, theoretical perspectives and fields in psychology 	
PSO2	<ul style="list-style-type: none"> To appreciate the psychological processes behind behaviour and to develop critical thinking ability in students 	
PSO3	<ul style="list-style-type: none"> To develop a critical understanding of psychology and apply psychological principles to personal, social and organizational matters 	
PSO4	<ul style="list-style-type: none"> To understand and apply research methods in psychology including various types of experiments, research design, analysis and interpretation 	
PSO5	<ul style="list-style-type: none"> To develop scientific temper in psychological fields thus can prove to be more beneficial to the society and can do research for the welfare of mankind 	
Bachelor of Science, Zoology	B.Sc. Zoology	CCASZL
PSO1	<ul style="list-style-type: none"> To understand the biological diversity and grades of complexity of various animal forms through their systematic classification and process of organic evolution. 	
PSO2	<ul style="list-style-type: none"> To understand the roles of plants, animals and microbes in the sustainability of the environment and their interaction among themselves and deterioration of the environment due to anthropogenic activities. 	

PSO3	<ul style="list-style-type: none"> To understand the concepts and principles of biochemistry, immunology, physiology, developmental biology, behavioural sciences, cell biology, genetics, molecular biology and microbiology and to develop technical skills in biotechnology, bioinformatics and biostatistics. 	
PSO4	<ul style="list-style-type: none"> To perform laboratory procedures as per the standard protocols in the areas of animal diversity, evolution, zoogeography, biochemistry, immunology, physiology, embryology, ethology, genetics, cytology, molecular biology, microbiology, biotechnology and science methodology. 	
Bachelor of Library Science	B.Lib.Sci	CCABLS
PSO1	<ul style="list-style-type: none"> Demonstrate in depth knowledge of the basic concepts, principles, theories and laws related with the broad field of Library and Information Science and its sub-fields such as types of libraries, types of information sources, library management, reference and information services. 	
PSO2	<ul style="list-style-type: none"> Demonstrate understanding of rationality and procedures of a) selection, acquisition, classification, cataloguing and physical processing of documents; b) using Information and Communication Technologies in Libraries and Information Centres; b) providing library and information services and managing other library routine activities. 	
PSO3	<ul style="list-style-type: none"> Apply skills in carrying out professional activities such as a) acquisition, accessioning, classification, cataloguing, and physical processing of documents; b) housekeeping operations using library management software and Information and Communication Technologies; b) maintaining library collection and; c) educating users. 	
PSO4	<ul style="list-style-type: none"> Demonstrate skills in providing various library services such as a) document circulation, b) reference and information services, c) Internet and database searching. 	
PSO5	<ul style="list-style-type: none"> Demonstrate knowledge, understanding and skills that offer job opportunities as librarians in public libraries and school libraries; as assistant librarians in different types of college libraries, as library assistants / technical assistants in university libraries and other libraries of higher education institutes, as librarians and/or assistant librarians in corporate and industrial libraries, libraries of research institutes, etc. 	
PSO6	<ul style="list-style-type: none"> Demonstrate core values by honouring diversity and insuring inclusion by treating all students and colleagues with respect and dignity, showing respect for and sensitivity to gender, culture and religious differences; and challenging prejudice, biases and intolerance at the workplace etc. and displaying ethical integrity which involves honest behaviour. 	
Master of Arts, Economics	M.A. Economics	CCAMEC
	On completion of the M.A. (Economics), students are able to:	

PSO1	<ul style="list-style-type: none"> To enable economic behaviour in practice and to analyze historical and current events from an economic perspective. 	
PSO2	<ul style="list-style-type: none"> Develop comprehensive understanding of interdisciplinary issues and aspects of society. 	
PSO3	<ul style="list-style-type: none"> Able to formulate opinions on policy issues and recognize the validity of opposing views. 	
PSO4	<ul style="list-style-type: none"> Discuss economic globalization and the inter-connectedness of nations and develop solutions to economic problems. 	
PSO5	<ul style="list-style-type: none"> Analyze and make predictions about the impact of government intervention and changing market conditions on consumer and producer behaviour and well-being. 	
PSO6	<ul style="list-style-type: none"> Acquaint with statistical methods to be applied in research. 	
Master of Arts, English Literature	M.A. English Literature	CCAMAG
	By the end of the programme, the students:	
PSO1	<ul style="list-style-type: none"> will critically interact with works from different contexts: social, political, economic, historical and national as subjects conscious of their own socio-historic specificity and thus their level of critical thinking is enhanced. 	
PSO2	<ul style="list-style-type: none"> become thorough with reading works with theoretical basis 	
PSO3	<ul style="list-style-type: none"> become capable of interpreting and exploring relationships from the points of view of different people. 	
PSO4	<ul style="list-style-type: none"> become inspired by fiction, open up their minds and stimulate the sympathetic/empathic imagination by allowing them to see the world through other's eyes as well to foster intercultural dialogue 	
PSO5	<ul style="list-style-type: none"> approach and appreciate Indian literature in English and explore its uniqueness and its place among the literatures in English. 	
PSO6	<ul style="list-style-type: none"> learn what language is and what knowledge a language consists of. 	
PSO7	<ul style="list-style-type: none"> get sensitized with the critical tools used in the reading of literature 	
PSO8	<ul style="list-style-type: none"> form an idea of the complex nature of literary studies and how they are entangled with other aspects of the social body. 	
PSO9	<ul style="list-style-type: none"> gain perceptive insights into the socio-political dynamics, the structuring points of view, the dominant ideology, hegemony, the prevailing common sense and communal underpinnings that mediate the writing, production, reception and survival of a work. 	
PSO10	<ul style="list-style-type: none"> learn literary terms and the various streams in literary criticism, to make them aware of the inter-disciplinary nature of contemporary criticism and to develop in students, skills for literary criticism. 	
PSO11	<ul style="list-style-type: none"> inculcate a literary, aesthetic and critical awareness of diverse cultures and literary creations and thus to arrive at a broader vision of the world. 	

PSO12	<ul style="list-style-type: none"> · come to know about the evolution of the Feminist movement and to familiarize them with the various issues addressed by Feminism 	
PSO13	<ul style="list-style-type: none"> · become sensitized to issues like marginalization and subjugation of women 	
PSO14	<ul style="list-style-type: none"> · develop sensible response to great classics in translation and fine tune analytical skills with a view to achieving a broad, wholesome vision of life. 	
Master of Arts, History	M.A. History	CCAMHI
PSO1	<ul style="list-style-type: none"> · Ability to recognize the influence of global forces and identify their connections to local and national developments. 	
PSO2	<ul style="list-style-type: none"> · Ability to understand the historical construction of differences and similarities among groups and regions. 	
PSO3	<ul style="list-style-type: none"> · Ability to grasp new knowledge, developing analytical and research skills. 	
PSO4	<ul style="list-style-type: none"> · Ability to understand a fuller sense of historicity of nation-making. 	
PSO5	<ul style="list-style-type: none"> · Ability to recognize the multiple spatial and temporal contexts of history. 	
PSO6	<ul style="list-style-type: none"> · Ability to understand better the process of identity formation, exclusions, boundaries and different forms of solidarity. 	
Master of Arts, Commerce	M.A. Commerce	CCAMCM
	On completion of M. Com, students are able to	
PSO1	<ul style="list-style-type: none"> · Develop an in-depth knowledge of commerce subjects. 	
PSO2	<ul style="list-style-type: none"> · Identify their area of interest in academics and research and development 	
PSO3	<ul style="list-style-type: none"> · Assume employment in the fields of teaching, accounting, banking, public service, etc. 	
PSO4	<ul style="list-style-type: none"> · Develop various skills like communication skill, presentation skill, interaction skill, etc. 	
PSO5	<ul style="list-style-type: none"> · Formulate opinion on various economic policies like taxation policy, budgets, monetary policy, fiscal policy, export-import policy, foreign trade policy, etc. 	
PSO6	<ul style="list-style-type: none"> · Acquaint with various statistical techniques that can be effectively used the areas of research. 	
Master of Science, Botany	M.Sc. Botany	CCAMBT
	On completion of M.Sc. Botany, Students are able to: -	
PSO1	<ul style="list-style-type: none"> · Develop a conceptual understanding of principles and importance of Botany. 	

PSO2	<ul style="list-style-type: none"> Learn about practical technique in lab for detail study of plant cell structure, reproduction, anatomy, breeding procedures for hybridization, maintain a high level of scientific excellence in botanical research with specific emphasizes on the role of plants. 	
PSO3	<ul style="list-style-type: none"> Create, select and apply appropriate techniques, resources and modern technology in multidisciplinary way. Practice of subject with knowledge to design experiments, analyse and interpret the data to reach to an effective conclusion. 	
PSO4	<ul style="list-style-type: none"> Develop technical skills and environmental awareness 	
PSO5	<ul style="list-style-type: none"> Develop awareness regarding the concept of ecology and environment and also understand the anthropogenic activities leading to environmental damage, resource depletion and climate change, and in horticulture, it helps to learn to develop and awareness regarding how to produce high value crops by using new techniques would make them obtain skills that help in doing research. 	
PSO6	<ul style="list-style-type: none"> Identify, formulate and analyse the complex problems with reaching a substantiated conclusion. Logical thinking with applications of biological physical and chemical sciences. Learning that develops analytical and integrative problem-solving approaches. 	
PSO7	<ul style="list-style-type: none"> Perform functions that demand higher competence in National/International organisations with sporty and helping spirits. All the courses in the program are carefully design to equip the students for competitive exams like CSIR NET, SET etc. and to write research proposals for grants. 	
PSO8	<ul style="list-style-type: none"> Carry out innovative research projects done by making them to use knowledge creation in depth. 	
PSO9	<ul style="list-style-type: none"> Will be aware of ethical issues and regulatory consideration while addressing society needs for growth with honesty. 	
Master of Science, Chemistry	M.Sc. Chemistry	CCAMCH
	To enable the students	
PSO1	<ul style="list-style-type: none"> To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries for developing green chemistry approach towards planning and execution of research in frontier areas of chemical sciences. 	
PSO2	<ul style="list-style-type: none"> To lay a strong foundation in the fundamentals and application of current chemical and scientific theories including those in Theoretical, Analytical, Inorganic, Organic and Physical Chemistries. 	
PSO3	<ul style="list-style-type: none"> To acquire the ability to synthesize, separate and characterize compounds using laboratory and instrumentation techniques 	
PSO4	<ul style="list-style-type: none"> To develop analytical and problemsolving skills requiring application of chemical principles 	

PSO5	<ul style="list-style-type: none"> To enable the students to understand why chemistry is an integral activity for addressing social, economic, and environmental problems. 	
PSO6	<ul style="list-style-type: none"> To understand good laboratory practices and safety. 	
PSO7	<ul style="list-style-type: none"> To employ critical thinking and the scientific knowledge to design, carry out, record and analyse the results of chemical experiments. 	
PSO8	<ul style="list-style-type: none"> To apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories and in industries. 	
Master of Science, Computer Science	M.Sc. Computer Science	CCAMCS
PSO1	<ul style="list-style-type: none"> To develop human resources with core competence in various thrust areas of computer science 	
PSO2	<ul style="list-style-type: none"> aims to combine scientific mind-set with specialist technical knowledge enabling graduates to analyse, design, validate and implement state -of- the - art the ICT systems in their operational context 	
PSO3	<ul style="list-style-type: none"> Students will demonstrate ability to conduct a research on applied computer science project requiring writing and presentation skills which exemplify scholarly style in computer science 	
PSO4	<ul style="list-style-type: none"> Students will demonstrate a breadth of knowledge in computer science, exemplified in the areas of systems , theory and software development 	
PSO5	<ul style="list-style-type: none"> Students will demonstrate in depth knowledge in one of the offered concentration areas 	
Master of Science, Environmental Science	M.Sc. Environmental Science	CCAMES
PSO1	<ul style="list-style-type: none"> Develop as professionals with competency in planning, decision making and execution of any 	
PSO2	<ul style="list-style-type: none"> Activity in the field of environmental management. 	
PSO3	<ul style="list-style-type: none"> Do research and teaching for an in depth understanding of complex environmental issues. 	
PSO4	<ul style="list-style-type: none"> Predict the environmental changes and suggest scientific and socially acceptable solutions. 	
Master of Science, Applied Geology	M.Sc. Applied Geology	CCAMAG
	The students will acquire skills to identify and interpret the following by the end of the programme.	
PSO1	<ul style="list-style-type: none"> Understand the basic concepts of basic tenants of Geology and apply this knowledge to analyse geological formations and structures for the benefit of mankind. 	

PSO2	<ul style="list-style-type: none"> Understand spatial and temporal relationships between Earth processes, landforms and products, and development and evolution of various spheres of Earth including Lithosphere, Hydrosphere, Atmosphere and Biosphere. 	
PSO3	<ul style="list-style-type: none"> Explain the causes and effects of global climate change, understand proxies to reconstruct past climate. 	
PSO4	<ul style="list-style-type: none"> Application of Earth Observation Science with the help of Remote sensing techniques, its visualization and interpretation using Geographic Information System tools and software. 	
PSO5	<ul style="list-style-type: none"> Think methodically, independently and draw a logical conclusions about Geological processes and its applications. 	
Master of Science, Mathematics	M.Sc. Mathematics	CCAMMS
	On completion of post-graduation in Mathematics (M. Sc.), scholars are able to	
PSO1	<ul style="list-style-type: none"> Develop a strong base in theoretical and applied Mathematics by acquiring analytic thinking, logical deductions and rigor in reasoning. 	
PSO2	<ul style="list-style-type: none"> Prepare for international and national level competitive examinations through the perfectly designed curriculum with vision. 	
PSO3	<ul style="list-style-type: none"> Put forward the research aptitude that enable them to apply mathematical concepts in real life crisis. 	
PSO4	<ul style="list-style-type: none"> Nurture problem solving skill that can be imbibed through creative logical thinking and scientific way of analyzing phenomenon. 	
PSO5	<ul style="list-style-type: none"> Work with Latex, Matlab and much more platforms in order to tackle futuristic opportunities and challenges in research. 	
Master of Science, Physics	M.Sc. Physics	CCAMPH
	On completion of the M.Sc. (Physics), students are able to:	
PSO1	<ul style="list-style-type: none"> Apply theoretical knowledge of principles and concepts of Physics to practical problems. 	
PSO2	<ul style="list-style-type: none"> Use mathematical techniques and interpret mathematical models of physical behaviour. 	
PSO3	<ul style="list-style-type: none"> Demonstrate the ability to plan, undertake, and report on a programme of original work, including the planning and execution of experiments, the analysis and interpretation of experimental results etc. 	
PSO4	<ul style="list-style-type: none"> Assess the errors involved in an experimental work and make recommendations based on the results in an effective manner. 	
PSO5	<ul style="list-style-type: none"> Develop communication skills, both written and oral, for specialized and non-specialized audiences. 	
Master of Science, Clinical Psychology	M.Sc. Clinical Psychology	CCAMCP

PSO1	<ul style="list-style-type: none"> This programme explores the advances in clinical psychology, a discipline addressing behavioural and mental health issues including intellectual, emotional, psychological, social and behavioural maladjustments 	
PSO2	<ul style="list-style-type: none"> it provides a thorough and holistic understanding of psychological functioning at the individual and social levels 	
PSO3	<ul style="list-style-type: none"> It is structured to enable students pursue a plan of study to assure increased professional competence and breadth knowledge in the field of clinical psychology 	
PSO4	<ul style="list-style-type: none"> Provides a broad appreciation of psychological disorders and emphasis assessment, diagnosis and treatment from various perspectives 	
PSO5	<ul style="list-style-type: none"> Upon completion of master's degree in clinical psychology, a student will be able to work as a practitioner, therapist or counsellor across different types of organizations and hospitals 	
Master of Science, Statistics	M.Sc. Statistics	CCAMST
PSO1	<ul style="list-style-type: none"> Introduce estimation of parameters and hypothesis testing in practical life. 	
PSO2	<ul style="list-style-type: none"> Introduce the concept of stochastic processes and the related concepts as well as application of Time Series in real life. 	
PSO3	<ul style="list-style-type: none"> Understand the various types of designs that are used in real life and develop the skills for analysis of these designs. 	
PSO4	<ul style="list-style-type: none"> Understand the interrelationships between various distributions (Discrete & Continuous). 	
PSO5	<ul style="list-style-type: none"> Understand the concept, estimation and testing of multivariate analysis. 	
PSO6	<ul style="list-style-type: none"> Equip the students with the knowledge of terms involved in reliability theory as well as concepts and measures. 	
PSO7	<ul style="list-style-type: none"> Introduce industrial statistics. 	
PSO8	<ul style="list-style-type: none"> Equip the students with the different sampling schemes and their means estimator, variance estimators and basic understanding of non-sampling errors. 	
Master of Science, Zoology	M.Sc. Zoology	CCAMZL
PSO1	<ul style="list-style-type: none"> To access detailed information on the recent developments in the biological sciences scenario, in general. 	
PSO2	<ul style="list-style-type: none"> To acquire in depth knowledge on various subjects which are of utmost importance for Zoology students, specifically. 	
PSO3	<ul style="list-style-type: none"> To garner comprehensive understanding of the latest findings in the fields of biophysics, bioinstrumentation, physiology, molecular biology, biotechnology, immunology, biochemistry of life, cytogenetics and developmental biology. 	
PSO4	<ul style="list-style-type: none"> To understand the issues related to environment, resource conservation and sustainable development. 	

PSO5	<ul style="list-style-type: none"> To get informed of the exploration in the field of fishery sciences including capture and culture fishery sectors and processing of finfishes and shellfishes along with preparation of value-added fishery products. 	
PSO6	<ul style="list-style-type: none"> Hands on participation in the laboratory is provided on all the aforesaid topics and microtomy, based on standard protocols, making the students rather excellent in all fields of zoological studies including fishery sciences. 	
PSO7	<ul style="list-style-type: none"> Cardinal importance is given in carrying out dissertation work individually, making every post graduate student exclusively confident in taking up research studies and publication of the results of the work, to enlighten the scientific community, in future. 	
Master of Social Work	MSW	CCAMSW
PSO1	<ul style="list-style-type: none"> Understand and apply knowledge on theories, methods, practice models and knowledge on interdisciplinary domains for social work interventions with individuals, groups and community. 	
PSO2	<ul style="list-style-type: none"> Apply professional values, ethics and practice skills in all the levels of social work intervention. 	
PSO3	<ul style="list-style-type: none"> Demonstrate constructive critical thinking skills and ethical decision making in problem solving process 	
PSO4	<ul style="list-style-type: none"> Ability to analyze and evaluate different situations of human rights violations and advocate at the micro, mezzo and macro levels of social work practice. 	
PSO5	<ul style="list-style-type: none"> Develop research based competency in direct practice context 	