



DON BOSCO COLLEGE

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PROGRAMME OUTCOMES

DEPARTMENT: BUSINESS ADMINISTRATION

- PO-1** Develop the knowledge, skill and attitude to creatively and systematically apply the principles and practices of management, accountancy, finance, business law, statistics, HR, operations and IT to management problems and work effectively in modern day business and non-business organizations.
- PO-2** Develop fundamental in-depth knowledge and understanding of the principles, concepts, values, substantive rules and development of the core areas of business such as finance, accounting, marketing, HR, operations along with the tools such as Tally, MS Excel, MS Office, etc.
- PO-3** Demonstrate the critical thinking mindset and the ability to identify and formulate research problems, research literature, design tools, analyse and interpret data, and synthesize the information to provide valid conclusions and contextual approaches across a variety of subject matter.
- PO-4** Exhibit self-confidence and awareness of general issues prevailing in the society and communicate effectively with the accounting, commerce, management, business, professional fraternity and with society at large through digital and non- digital mediums and using a variety of modes such as effective reports & documentation, effective presentations.

- PO-5** Function effectively as an individual and as a member or leader in teams, and in multidisciplinary settings by demonstrating life skills, coping skills and human values.
- PO-6** Analyses the sampling techniques of collecting primary and secondary data and tools and techniques of data.
- PO-7** Understand the methods of collecting primary and secondary data. Construction of scaling techniques and Determine the steps involved in design of questionnaire. Analyse and preparation of project report for the Functional areas of research.
- PO-8** Determine the functional areas of management such as Production, purchasing, marketing, sales, advertising, finance, human resource system, Industry
- PO-9** Analyses the various aspect of business research in the area of marketing, human resource and Finance.
- PO-10** Analyses the various financial and accounting concept including Balance sheet, trial balance, etc.

DEPARTMENT: CHEMISTRY

- PO-1** B.Sc. Chemistry curriculum is so designed to provide the students a comprehensive understanding about the fundamentals of chemistry covering all the principles and perspectives.
- PO-2** The branches of Chemistry such as Organic Chemistry, Inorganic Chemistry, Physical Chemistry and Analytical Chemistry expose the diversified aspects of chemistry where the students experience a broader outlook of the subject.
- PO-3** The syllabi of the B.Sc. Chemistry course are discretely classified to give stepwise advancement of the subject knowledge right through the three years of the term.
- PO-4** The practical exercises done in the laboratories impart the students the knowledge about various chemical reagents and reactions. Thereby, hone their skills of handling the corrosive, poisonous, explosive and carcinogenic chemicals making themselves employable in any kind of chemical industries. They are also trained about the adverse effects of the obnoxious chemicals and the first aid treatment.

M.SC CHEMISTRY

- PO-1** Creative Thinking: Students will be able to think creatively (divergently and convergent) to suggest novel ideas in explaining facts and figures or providing new solution to the problems in chemistry.
- PO-2** Interdisciplinary Approach: Students will realize how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments. Also the knowledge of subjects in other faculties such as humanities, performing arts, social sciences etc. can have greatly and effectively influence which inspires in evolving new scientific theories and inventions.
- PO-3** Personality Development: Students will imbibe ethical, moral and social values in personal and social life leading to highly cultured and civilized personality. They will also realize that pursuit of knowledge is a lifelong activity and in combination with untiring efforts and positive attitude and other necessary qualities leads towards a successful life.
- PO-4** Skills in research and industrial field: Students will build a scientific temper and will be able to learn the necessary skills to succeed in research or industrial field. In addition they

will acquire the skills in handling scientific instruments, planning and performing in laboratory experiments.

PO-5 Communication Skills: Students will develop various communication skills such as reading, listening, speaking, etc., which will help in expressing ideas and views clearly and effectively.

PO-6 Environmental monitoring: Students will be able to understand the environmental issues Global warming, Climate change, Acid rain, Ozone depletion and will create awareness in society .

DEPARTMENT: COMMERCE

B.COM COMPUTER APPLICATION

- PO-1** Build a strong foundation in accounting, management and business subjects
- PO-2** Seek variety of career options in accounting, management and business related fields
- PO-3** Equip with skills and knowledge to excel in their future careers
- PO-4** Develop critical thinking skills in students
- PO-5** Enter master programmes like M.Com, MBA and pursue professional programmes .
- PO-6** Develop entrepreneurial skills

B.COM

- PO-1** Enables learners to get theoretical and practical exposure in the commerce sector which includes Accounts, Commerce, Marketing, Management, Economics and Environment etc.
- PO-2** Develops communication skills and build confidence to face the challenges of the corporate world.
- PO-3** Enhances the capability of decision making at personal and professional levels.
- PO-4** Develops entrepreneurial skills amongst learners. Strengthens their capacities in varied areas of commerce and industry aiming towards holistic development of learners.
- PO-5** Thus, after completing their graduation learners develop a thorough understanding of the fundamentals in Commerce and Finance.

M.COM

- PO-1** To provide a systematic and rigorous learning and exposure to Banking and Finance related disciplines.
- PO-2** To train the student to develop conceptual, applied and research skills as well as competencies required for effective problem solving and right decision making in routine and special activities relevant to financial management and Banking Transactions of a business.
- PO-3** To acquaint a student with conventional as well as contemporary areas in the discipline of Commerce.
- PO-4** To enable a student well versed in national as well as international trends. To facilitate the students for conducting business, accounting and auditing practices, role of regulatory bodies in corporate and financial sectors nature of various financial instruments.
- PO-5** To provide in-depth understanding of all core areas specifically Advanced Accounting, International Accounting, Management, Security Market Operations and Business Environment, Research Methodology and Tax planning.

MASTER OF PHILOSOPHY (M.PHIL)

- PO-1** A postgraduate academic research programme which is of two years duration.
- PO-2** The aspirant candidates need to study theory as well as understand the application of theories for pursuing research in various fields.
- PO-3** The objective of the M.Phil course is to imbibe comprehensive ideas of different subjects so that they can undertake methodical research work.
- PO-4** To sensitize the students regarding the latest developments that are impacting the working of organizations all over the globe and to keep pace with the development in the areas of commerce and management.
- PO-5** To construct for the M.Phil students an opportunity for undertaking research in the field of Finance, Marketing, Human Resource Management, Economics, Banking, Insurance, Accounting, Taxation, International Business and Operations Management and other related areas.

DEPARTMENT: COMPUTER SCIENCE

BACHALOR OF COMPUTER SCIENCE

- PO-1** To understand the fundamental concepts of computer system, including hardware and software.
- PO-2** To Design, and analyze precise specifications of algorithms, procedures, and interaction behavior.
- PO-3** To apply the appropriate technologies, skills and tools in various fields of Computer Science.
- PO-4** To analyze impacts of computing on individuals, organization and society.

BACHALOR OF COMPUTER APPLICATIONS

- PO-1** To understand the fundamental concepts of computer system.
- PO-2** To Design and analyze precise specifications of algorithms and interaction behavior.
- PO-3** To apply the technologies in various fields of Computer Applications.
- PO-4** To communicate effectively in both verbal and written form in industry and society.

MASTER OF SCIENCE

- PO-1** Get core competence in various subjects of Computer Science.
- PO-2** Recognize the organizational need and to engage themselves in continuing professional development.
- PO-3** Apply knowledge of computing and mathematics appropriate to the discipline.
- PO-4** Design, implement, and evaluate a computational system to meet the desired needs within realistic constraints.
- PO-5** Apply mathematical foundations, algorithmic principles, and computer science theory in the modeling and design of computational systems in a way that demonstrates comprehension of the tradeoffs involved in design choices.

PO-6 Function effectively on teams to accomplish shared computing design, evaluation, or implementation goals.

MASTER OF PHILOSOPHY

PO-1 Ability to demonstrate a mastery of knowledge in the field of computer science

PO-2 Ability to conduct Computer Science research in a systematic and scientific with minimal supervision

PO-3 Ability to demonstrate ability to contribute idea in solving problems related to computerscience to society

PO-4 Ability to demonstrate behaviors that are consistent with the code of Professional Ethics and Responsibilities

PO-5 Ability to communicate technical solutions and research findings to a range of audience orally and in writing

DEPARTMENT: B.Sc. DIGITAL PRINT MEDIA

- PO-1** Helps students to be self-employed in printing and media field.
- PO-2** Create idea to the students regarding their higher studies in the field of Journalism .
- PO-3** Basic drawing and visual concepts are made known to the students.
- PO-4** Focus on obtaining management related jobs to our students.
- PO-5** Both software and hardware skills are made well-known to our students.
- PO-6** Different types of printing techniques from traditional to modern methods are thought.
- PO-7** Knowledge regarding Quality maintenance, press management, machinery maintenance are made known to the students.
- PO-8** Post-Press techniques such as binding, packaging finishing operations are thought

DEPARTMENT: ENGLISH

B.A. ENGLISH

- PO-1** Students get educated in both artistry and utility of English language through study of literature and other contemporary forms of culture .
- PO-2** Students become aware of the different communicative skills , and to develop among them an ability to effectively communicate in English, both in written and spoken modes
- PO-3** Students acquire critical faculties necessary in an academic environment, on the job, and an increasingly complex, interdependent world and to prepare them with the latest development to fulfill the present requirements.

M.A. ENGLISH

- PO-1** Students develop certain level of critical, objective thinking, traversing through literary theories and analyzing the text.
- PO-2** They are able to understand English language, the problems of the native speaker, Teaching English effectively using different methods.
- PO-3** They are also become aware of the background [socio, economic, political] study of any author before understanding the works of the author.
- PO-4** Interpreting / comprehending literature by analyzing various figures of speech, literary devices and applying various theories to the works.

DEPARTMENT: MATHEMATICS

B.SC. MATHEMATICS

- PO-1** Enabling students to develop a positive attitude towards mathematics as an interesting and valuable subject of study.
- PO-2** A student should get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- PO-3** Ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- PO-4** Introduction to various courses like group theory, ring theory, field theory, metric spaces, number theory.
- PO-5** Enhancing students' overall development and to equip them with mathematical modeling abilities, problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- PO-6** Ability to pursue advanced studies and research in pure and applied mathematical science.

M.SC. MATHEMATICS

- PO-1** Create a hypothesis and appreciate how it relates to broader theories.
- PO-2** Evaluate hypotheses, theories, methods and evidence within their proper contexts.
- PO-3** Solve complex problems by critical understanding, analysis and synthesis.
- PO-4** Demonstrate engagement with current research and developments in the subject.
- PO-5** Critically interpret data, write reports and apply the basics of rules of evidence.
- PO-6** Select, interpret and critically evaluate information from a range of sources that include books, scientific reports, journals, case studies and the internet.
- PO-7** Develop proficiency in the analysis of complex physical problems and the use of mathematical or other appropriate techniques to solve them.
- PO-8** Provide a systematic understanding of the concepts and theories of mathematics and their application in the real world – to an advanced level, and enhance career prospects in a huge array of fields.
- PO-9** Criticize mathematical arguments developed by themselves and others
- PO-10** Communicate effectively by oral, written, computing and graphical means.

DEPARTMENT: PHYSICS

B.SC. PHYSICS

- PO-1** Acquire academic excellence with an aptitude for higher studies and research.
- PO-2** Apply appropriate scientific methods and modern technology to solve complex problems related to society.
- PO-3** Mentor the young students to face global challenges with unique proficiency in Physics.
- PO-4** To apply basic Physics principles in everyday life.
- PO-5** Promote analytical thinking and experimental skills in Physics.

M.SC.PHYSICS

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DEPARTMENT: MASTER OF SOCIAL WORK

- PO1** To assist students to get knowledge about the dynamism of the problems prevail in our society.
- PO2** To enable students to understand history, philosophy, values, ethics and functions of social work profession and its linkages with other social science disciplines.
- PO3** To equip students with knowledge on core and ancillary methods of professional social Work and its practice base.
- PO4** To acquire the skills of awareness, empowerment of people and social change through skill development and Entrepreneurship abilities.
- PO5** Development of research and analytical abilities through dissertation as a separate paper.
- PO6** Responding to dynamic socio-cultural milieu, restructuring of discipline specific papers for students.
- PO7** Field work has been made an integral part of the syllabus, giving an opportunity to the students for practice in diverse settings.
- PO8** To develop young professionals with good communication skills and quest for a self-motivated life-long learning, focusing on skilling and re-skilling in their respective field of social work.

DEPARTMENT: TAMIL

B. A.Tamil

- தமிழ் இலக்கியங்களைக் கற்பதன் வாயிலாக தம் வாழ்வை பயனுள்ளதாக்குதல்.
- கணினித் தமிழ் கற்பதன் மூலம் தொழில்துறையில் வேலைவாய்ப்பை பெறுதல்.
- தகவல் தொடர்பு மற்றும் மொழி அறிவை மேம்படுத்திக் கொள்ளுதல்.
- கதை, கட்டுரைகளைப் படைப்பதன் மூலம் இதழியல் துறையில் தனித்துவம் பெறுதல்.

M. A Tamil

- பன்முகத்தன்மை கொண்ட இந்திய நாட்டில் தொன்மை வாய்ந்த பல மொழிகள் உள்ளன. அவற்றுள் செம்மொழியான தமிழ் மொழியின் மேன்மையை மாணவர்களை அறியச் செய்தல்.
- திருக்குறள், நாலடியார் போன்ற நூல்களில் சொல்லப்பட்டுள்ள மேலாண்மை அறிவை பெறுதல் மூலமாக வணிகம் சார்ந்த துறைகளில் சிறந்து விளங்குதல்.
- நீதி நூல்கள் தரும் அறக்கருத்துகளை அறிந்து, மாணவர்கள் தம் வாழ்வில் செயல்படுத்துதல்
- ஆராய்ச்சி நெறிமுறைகளை அறிந்து கொள்வதன் மூலம் தமிழ் மொழியின் புதிய தளங்களில் பல்வேறு ஆய்வுகளை மேற்கொள்ளுதல்.

