शिक्षण प्रसारक मंडळी, पुणे

R. A. Podar College of Commerce & Economics

AUTONOMOUS

Matunga, Mumbai - 400 019

An 'A+' Institution as Accredited by NAAC

Certified as 'Best College' by University of Mumbai

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Program Specific Outcomes- B.Com (Actuarial Studies)

Program Specific Outcomes No.	At the end of the program, learners will be able to
PSO 1	Gain disciplinary knowledge in the functioning of business organization and of various specialized operations by offering comprehensive coverage of subjects.
PSO 2	Develop competence about accounting and finance concepts and impart training using modern technical methods.
PSO 3	Acquire research-related skills to understand and apply various analytic and quantitative methods to define and solve problems in insurance.
PSO 4	Apply problem-solving techniques to understand techniques of mathematics, statistics and probability to solve real business problems.
PSO 5	Demonstrate scientific reasoning in understanding business and insurance concepts.
PSO 6	Equipped with communication skills that enables them to perform at their workplace.
PSO 7	Acquire leadership qualities and demonstrate the same during the presentations.
PSO 8	Acquire knowledge of logical, financial and statistical functions relevant to mortality tables and life expectancy at various ages through digital literacy programs.
PSO 9	Develop critical thinking and is able to apply the same to annuities.
PSO 10	Acquire research related skills by virtue of project work.

Course Outcomes for courses under B.Com (Actuarial Studies)
Semester: I- VI

Program Name: BCom (Actuarial Studies)	Course Name: Accountancy and Financial Management-I	Course Code: 30101
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner acquires necessary knowledge on accounting concepts and related accounting standards.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner is able to write the books of Accounts.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner is able to independently read and infer from the books of accounts	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learner is acquainted with insurance related accounting concepts.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Insurance Business-I	Course Code: 30102
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learners understand and appreciate the uniqueness of insurance contracts.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner recognizes different types of Insurance products.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner acquires the necessary skills for comparing insurance products.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Learners assess the scope of insurance business and the career opportunities.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Business Economics-I	Course Code: 30103
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	Learners understand the concept of consumer demand and be able to analyze it using demand forecasting.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	Learners explain consumer behaviour using ordinal utility analysis and be able to apply in the analysis of a variety of public policy issues.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 8, PSO 9

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CO 3	Learners differentiate between various types of costs and also be able to illustrate the cost-output relationship in the short-run and long-run.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Learners identify and plan to achieve economies of scale.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Business Communication-I	Course Code: 30104
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learner is trained to be a critical listener.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner is able to write and communicate effectively.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner uses social media and other online communication channels effectively.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learner identifies the barriers to effective communication and develops skills to break the barriers.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Environmental Studies-I	Course Code: 30105
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learner will be able to understand the key environmental concepts and will be able to orient themselves towards better utilization of natural resources.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner will become more aware about problems of urbanization and population explosion.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner appreciates and adopts alternate cheaper and eco-friendly sources of resources.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learner will be able to make Thematic maps.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Foundation Course-I	Course Code: 30106
Course Outcome No.	Course Outcome	Program Outcome mapping

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CO 1	The successful completion of course will enable the learner to understand factual aspects and the fabric of Indian society.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	It will help create awareness and empathy among learners about various issues faced by youth.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	It will help ingrain a sense of social responsibility and participatory approval towards society.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learners devise means and methods for peaceful co- existence.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Financial Mathematics-I	Course Code: 30107
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner becomes confident of applying mathematical and statistical tools	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner is able to understand the nuances of SIP and other investment avenues.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner appreciates the importance of portfolio management.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learners become curious about the finance, mathematics interface.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Accountancy and Financial Management-II	Course Code: 30201
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The Learners appreciate the role of financial management and actually apply the concepts.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learners get hands-on experience in making financial statements.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learners read and interpret the financial statement.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	They use various tools and techniques with reference to accounting and financial statements.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Insurance Business-II	Course Code: 30202
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	Learners become aware of organizational aspects of insurance.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	Learners become conversant about valuation for various plans of Life Insurance.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	Learners analyze different schemes and devise the link with annuities.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Learners recognize the present position of health insurance in India and estimate the scope for the same in the future.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Business Economics-II	Course Code: 30203
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner can understand and identify the functioning of the trade cycle and the determinants of economic growth.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learner understands the role of the government with respect to fiscal policy.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner is sensitized about the causes of inflation and appreciates the government's role in generating employment to counter inflation.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learner is aware of international exchange rates and can comprehend the disequilibrium in the Balance of Payment.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Business Communication-II	Course Code: 30204
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learners learn to use statistical tools in PowerPoint presentations	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learners learn to write letters of enquiry and letters of complaint	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	Practical application of preparing flyers and leaflets help the learners demonstrate their creativity	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

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CO 4	The learner is able to write different types of reports.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Environmental Studies-II	Course Code: 30205
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	Enhance the learner's overall understanding of environmental aspects.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	Enable learners to understand the functional and spatial links between the environment, economy, and society.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	Sensitize learners towards various environmental issues at different levels and environmental movements for sustainable practices.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Foster an appreciation in learners for the importance of conserving places of tourist attraction.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Foundation Course – II (Structure of Finance and Regulation)	Course Code: 30206
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner understands the role of LPG (Liberalization, Privatization, Globalization) and its impact.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	Learners appreciate the role played by the government in countering the global financial crisis.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner appreciates the role of financial markets in ensuring the stable economy of the country.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	The learner gains knowledge about policy formulation and its relevance.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Financial Mathematics- II- Statistics	Course Code: 30207
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner can understand the basic elements of probability theory and apply them to solve real-life problems.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

CO 2	The learner can solve problems based on the industrial decision-making process.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	The learner can frame a hypothesis and test it using binomial and normal distributions.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Understand different decision-making techniques with certainty and under risk, and compare to conclude the optimal decision.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Auditing (Techniques of Auditing and Audit Procedures)	Course Code: 30302
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To get the learners acquainted with scope of audit.	PSO 1, PSO 2, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	To make them aware of the risks and its assessment in insurance industry.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To know RBI regulations relating to audit of NBFCs and audit framework for BFSI	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Information Technology in BFSI (Paper I)	Course Code: 30303
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To make the learner understand the growing importance of IT in BFSI	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	To make them aware about Data Base System in BFSI.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To enable them use MS Office for managing office.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	To equip them with presentation skills.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Documentation, Analysis and Reporting (Paper I)	Course Code: 30304
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To make them understand the nuances of report writing, segmenting the report, the nomenclature, technicalities and flow of the report.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

CO 2	To make them realise the need for an accepted format, alignment of different sections as well as sub-sections of the report.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To make the learner comprehend the use of tables, graphs and other presentation aids in the report at the appropriate places	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	To enable them to become a rapid reader.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Management: Functions and Challenges	Course Code: 30305
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To make the learners aware of conceptual knowledge and evolution of Management.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	To familiarize the learners with the functions of Management.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To sensitize the learners about the actual work environment and how business managers have to deal with the issues related to changes in the environment.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	To sensitize the learners about the challenges faced by managers while reconstructing organisation.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Business Laws and Insurance Specific Laws	Course Code: 30306
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To familiarize the learner with the various common business laws applicable to insurance business.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	To enable the learners in understanding the evolution of insurance laws.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To make the learner aware of the evolution and legal framework of insurance business in India.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	To make them realize the need and importance of compliance.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Mathematical Modeling (Survival and Stochastic	Course Code: 30307

	Models) (Paper I)	
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	To introduce basic concepts of mathematics and statistics that are relevant to survival models and stochastic models in Actuarial studies.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	To enable the learner to understand Probability distribution.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To ensure the understanding of Kaplan Meier curves	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	To become familiar with the construction of Kaplan Meier curves.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 6, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	**Course Name: Life Contingencies (Paper-I)**	**Course Code: 30308**
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learners are made to understand the concept and is equipped to interpret mortality table.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 7, PSO 8, PSO 9, PSO 10
CO 2	The learners get introduced to the existing models related to mortality.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 7, PSO 8, PSO 9, PSO 10
CO 3	To make them aware of survival models and various estimators with reference to it.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 7, PSO 8, PSO 9, PSO 10
CO 4	Learners are introduced to use open sources for using various processes.	PSO 1, PSO 2, PSO 3, PSO 4, PSO 5, PSO 7, PSO 8, PSO 9, PSO 10

Program Name: BCom (Actuarial Studies)	**Course Name: Auditing (Techniques of Auditing and Audit Procedures) (Paper II)**	**Course Code: 30402**
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	To make the learners understand the Financial Report framework.	PSO 1, PSO 2, PSO 5
CO 2	To make them understand general audit consideration, audit planning and audit of risk factors.	PSO 1, PSO 4, PSO 6
CO 3	To make them familiar with the provisions of IFRS and GAAP	PSO 1, PSO 3, PSO 5
CO 4	To sensitize the learners with the duties and responsibilities of Auditor (Internal and External).	PSO 1, PSO 6, PSO 7

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Program Name: BCom (Actuarial Studies)	Course Name: Information Technology in BFSI (Paper II)	Course Code: 30403
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To make the learner understand the growing importance of IT in Insurance to manage claims and risk transfer.	PSO 1, PSO 3, PSO 4
CO 2	To appreciate the relevance of technology in client interface.	PSO 1, PSO 6, PSO 7
CO 3	To make them understand the risks in data management and the need for cyber security.	PSO 1, PSO 5, PSO 9
CO 4	To introduce emerging technology related to insurance business.	PSO 1, PSO 3, PSO 8

Program Name: BCom (Actuarial Studies)	Course Name: Documentation, Analysis and Reporting (Paper II)	Course Code: 30404
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners are able to analyse the information in the IRDAI annual report.	PSO 1, PSO 3, PSO 5
CO 2	They acquire knowledge required to arrange the subject matter in the report.	PSO 1, PSO 4
CO 3	They are enabled to form an opinion and express it verbally.	PSO 6, PSO 7
CO 4	They gain adequate vocabulary for professional report writing.	PSO 1, PSO 2

Program Name: BCom (Actuarial Studies)	Course Name: Production and Finance	Course Code: 30405
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners are expected to understand the production process of industries and the inventory control techniques followed by them.	PSO 1, PSO 2, PSO 3, PSO 5
CO 2	They are expected to know the various Quality Management processes and techniques adopted by companies.	PSO 1, PSO 2, PSO 3, PSO 5
CO 3	Learners identify alternate sources of finance with special reference to micro finance.	PSO 1, PSO 2, PSO 3, PSO 5
CO 4	They acquire expertise in personal finance management.	PSO 1, PSO 2, PSO 4, PSO 6

Program Name: BCom (Actuarial Studies)	Course Name: Insurance Business Regulation and Supervision	Course Code: 30406
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners understand the role of IRDAI as a regulatory body with respect to General Insurance Business in India.	PSO 1, PSO 2, PSO 3, PSO 5

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CO 2	They know the current status of Fire, Marine and Motor Insurance in India.	PSO 1, PSO 2, PSO 3, PSO 5
CO 3	Learners analyse the present position of general insurance in India and the future prospects	PSO 1, PSO 2, PSO 3, PSO 5
CO 4	Learners are motivated to explore the possibility of becoming an intermediary in insurance business.	PSO 1, PSO 2, PSO 3, PSO 5

Program Name: BCom (Actuarial Studies)	Course Name: Mathematical Modeling (Survival and Stochastic Models) (Paper II)	Course Code: 30407
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	Learners acquire skills related to predictability using models.	PSO 1, PSO 3, PSO 8
CO 2	Learners become amenable to use stochastic process by identifying their role.	PSO 1, PSO 4, PSO 5
CO 3	They become critical analysts with reference to the use of models	PSO 3, PSO 5, PSO 9
CO 4	They use the models.	PSO 1, PSO 4, PSO 6

Program Name: BCom (Actuarial Studies)	Course Name: Life Contingencies (Paper II)	Course Code: 30408
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	To enable the learners, acquire knowledge about projection with respect to cash flows in life insurance and pension schemes.	PSO 1, PSO 2, PSO 3, PSO 5
CO 2	To make them understand the accounting requirements related to defined pension schemes and other employee benefit schemes.	PSO 1, PSO 2, PSO 3, PSO 5
CO 3	To make them familiar with the use of software related to Life Contingencies.	PSO 1, PSO 2, PSO 4, PSO 8
CO 4	To make the learners conversant with use of 'R' software.	PSO 2, PSO 3, PSO 8, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Advanced Financial Mathematics (Paper I)	Course Code: 30501
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learner can describe the main factors influencing the term structure of interest rates and can explain what is meant by, derive the relationships between, and evaluate discrete spot rates and forward rates, continuous spot rates and forward rates.	PSO 1, PSO 3, PSO 5, PSO 8, PSO 9

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CO 2	The learner is able to explain what is meant by the par yield and yield to maturity, understand duration, convexity and immunisation of cashflows and can explain how duration and convexity are used in the (Redington) immunisation of a portfolio of liabilities.	PSO 1, PSO 3, PSO 5, PSO 8, PSO 9
CO 3	The learner can infer the concept of a stochastic investment return model, losses, risk models and the fundamental distinction between this and a deterministic model and derive algebraically, for the model in which the annual rates of return are independently and identically distributed and for other simple models, recursive relationships and independent lognormal distribution.	PSO 1, PSO 3, PSO 5, PSO 8, PSO 9

Program Name: BCom (Actuarial Studies)	Course Name: Investment Analysis (Paper I)	Course Code: 30502
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	Learners will learn to manage the business and financial objectives of a financial institution or an individual through an assessment of the portfolio assets and liabilities in an integrated manner.	PSO 1, PSO 2, PSO 5
CO 2	Learners will be able to create and interpret mathematical framework for assembling a portfolio of assets such that the expected return is maximized for a given level of risk.	PSO 1, PSO 4, PSO 8
CO 3	They Will learn about unitization of individual assets as well as a portfolio.	PSO 1, PSO 3, PSO 5

Program Name: BCom (Actuarial Studies)	Course Name: Business Communication in German-I	Course Code: 30503
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	Learn vocabulary and basic grammar for business situations	PSO 1
CO 2	Learn about portraits of German companies	PSO 1, PSO 5
CO 3	Be able to understand basic business conversations	PSO 1, PSO 6

Program Name: BCom (Actuarial Studies)	Course Name: Life Contingencies - Paper I	Course Code: 30504
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learner is able to describe the life table functions and their select equivalents, express the life table probabilities in terms of the functions and define Survival and Mortality functions and use of Markov process.	PSO 1, PSO 3, PSO 8
CO 2	The learner is able to find approximate probability function for non-integer age and time using UDD and CFM.	PSO 4, PSO 8
CO 3	The learner is able to explain why it is necessary to have different mortality tables for different classes of lives and define, give examples of the main forms of selection	PSO 1, PSO 5, PSO 9

Program Name: BCom (Actuarial Studies)	Course Name: Customer Relationship Management –Paper I	Course Code: 30505
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	Apply the concept of CRM, the benefits delivered by CRM, the contexts in which it is used, the technologies that are deployed and how it can be implemented.	PSO 1, PSO 3, PSO 4
CO 2	Implement how CRM practices and technologies enhance the achievement of marketing, sales and service objectives throughout the customer life-cycle stages of customer acquisition, retention and development whilst simultaneously supporting broader organizational goals.	PSO 1, PSO 5, PSO 6
CO 3	Implement various technological tools for data mining and also successful implementation of CRM in the Organizations	PSO 3, PSO 4, PSO 8

Program Name: BCom (Actuarial Studies)	Course Name: Project Work I	Course Code: 30506
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners are able to formulate hypotheses and are equipped to write research papers.	PSO 1, PSO 3, PSO 10
CO 2	The learner cultivates a research-oriented approach at an early age and is able to put his/her thoughts across precisely and concisely	PSO 2, PSO 6, PSO 10

Program Name: BCom (Actuarial Studies)	Course Name: Advanced Financial Mathematics Paper II	Course Code: 30601
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	The learner is able to describe the assumptions, principal results and uses of the Sharpe-Lintner- Mossin Capital Asset Pricing Model (CAPM).	PSO 1, PSO 3, PSO 5
CO 2	The learner can discuss the limitations of the basic CAPM and some of the attempts that have been made to develop the theory to overcome these limitations. Perform calculations using the CAPM.	PSO 1, PSO 3, PSO 4
CO 3	The learner is able to show how to use binomial trees and lattices in valuing options and solve simple examples.	PSO 1, PSO4, PSO 8
CO 4	The learner can derive the risk-neutral pricing measure for a binomial lattice and describe the risk-neutral	PSO 1, PSO 5

Program Name: BCom (Actuarial Studies)	Course Name: Investment Analysis- Paper II	Course Code: 30602
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	Learners will learn to manage the business and financial objectives of a financial institution or an individual through an assessment of the portfolio assets and liabilities in an integrated manner.	PSO 1, PSO 2, PSO 5
CO 2	Learners will be able to create and interpret mathematical framework for assembling a portfolio of assets such that the expected return is maximized for a given level of risk.	PSO 1, PSO 4, PSO 8
CO 3	They will learn about unitization of individual assets as well as a portfolio.	PSO 1, PSO 3, PSO 5
CO 4	Learners will also understand the broad set of different investment avenues	PSO 1, PSO 3, PSO 9

Program Name: BCom (Actuarial Studies)	Course Name: Business Communication in German– II	Course Code: 30603
Course Outcome No.	**Course Outcome**	**Program Outcome mapping**
CO 1	Learn vocabulary and basic grammar for business situations	PSO 1
CO 2	Learn about portraits of German companies	PSO 1, PSO 5
CO 3	Be able to understand basic business conversations	PSO 1, PSO 6
CO 4	Be able to write business emails.	PSO 1, PSO 6

Program Name: BCom (Actuarial Studies)	Course Name: Life Contingencies- Paper II	Course Code: 30604
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners can understand various life assurance contracts and life annuity payments, develop formulae for the means and variances of the payments under various life insurance and pension contracts.	PSO 1, PSO 3, PSO 5
CO 2	The learner can define expenses and commissions involved in insurance policies, Define and calculate gross premiums and gross premium reserves for the insurance contract benefits.	PSO 1, PSO 2, PSO 5
CO 3	The learners are equipped to use R programming to evaluate various life assurance contracts.	PSO 1, PSO 4, PSO 8

Program Name: BCom (Actuarial Studies)	Course Name: Customer Relationship Management –Paper II	Course Code: 30605
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	Apply the concept of CRM in B2C and B2B.	PSO 1, PSO 3, PSO 4
CO 2	Implement how CRM practices and technologies enhance the achievement of marketing, sales and service objectives throughout the customer life-cycle stages of customer acquisition, retention and development whilst simultaneously supporting broader organizational goals.	PSO 1, PSO 5, PSO 6
CO 3	Apply principles underlying the requirements of the professional standards and guidance relevant to actuaries practising in Indian health and care operations	PSO 1, PSO 3, PSO 5
CO 4	Learn Privacy, Ethics issues of CRM	PSO 1, PSO 5, PSO 9

Program Name: BCom (Actuarial Studies)	Course Name: Project Work II	Course Code: 30606
Course Outcome No.	Course Outcome	Program Outcome mapping
CO 1	The learners are able to formulate hypotheses and are equipped to write research papers.	PSO 1, PSO 3, PSO 10
CO 2	The learner cultivates a research-oriented approach at an early age and is able to put his/her thoughts across precisely and concisely	PSO 2, PSO 6, PSO 10

Podar : Nurturing Intellect, Creating Personalities.