M.S. Ramaiah University of Applied Sciences

New BEL Road, MSR Nagar, Bangalore – 560054

RAMAIAH UNIVERSITY OF APPLIED SCIENCES

PO, PSO, PEO & CO

Programme: B.Sc. LL.B. (Hons)

Programme Code: 417

Programme Outcome (PO)
Programme Specific Outcome (PSO)
Program Educational Objectives (PEO)
Course Outcomes (CO)

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Bangalore - 560 054

Registrar
M.S. Ramaiah University of Applied Sciences
Bangalore - 560 054

Approved in 23rd ACM (Resolution 23.05) held on 15th July 2021

School of Law

Programme Name: B.Sc. LL.B. (Hons.)

Programme Outcomes (PO's)

B.Sc. LL.B. (Hons.) graduates will be able to:

PO1: Legal Knowledge: Understand the principles of science and law to analyse and apply in solvinglegal problems, its processes and procedures.

PO2: Critical Thinking: Explore and explain the substantial & procedural laws in which they are made/drafted and how students think and understand the legislative setup.

PO3: Effective Communication: Ability to learn the art of communicating and demonstrating theiroral advocacy skills. Projecting the facts in a way suitable to the client and power to convinceon legal reasoning forms the essence of communication in courts of law.

PO4: Social Interaction and Problem solving: Understand and solve scientific problems by conducting experimental investigations, interpret and analyse the legal and social problems and work towards finding solutions to the problems by application of laws and regulations.

PO5: Effective Citizenship: Inculcate values of Rights and Duties, and transfer these values to real-life through legal and judicial process for promoting community welfare.

PO6: Ethics: Understand the effect of scientific and legal solutions on cultural, social, public healthand safety aspects, and apply ethical principles to legal practices and professional responsibilities.

PO7: Environment and Sustainability: Analyse and understand the impact of the professional, legalsolutions in societal and environmental contexts and demonstrate the knowledge and need for sustainable development.

PO8: Life-long Learning: Recognize the need for and have the preparation and ability to engage inindependent and life-long learning in the broader context of legal change.

PO9: Legal Research and Legal Reasoning: Understand scientific problems and develop legal research skills & reasoning in legal practices.

PO10: Lawyering skills: Every graduate will become skilled in legal research, written and oral communication, teamwork, advocacy, and problem-solving.

PO11: Self-reflection: Develop an attitude of self-reflection while learning and to be independentand to update the legal knowledge with the latest amendments.

PO12: Leadership skills: Work as a member of a team, to plan and to integrate knowledge of various disciplines as an individual and to lead teams in Legal Profession.

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Programme Specific Outcomes (PSOs)

PSO-1: Acquisition of advance knowledge in the specific chosen area of specialization by Creating, selecting and applying appropriate techniques, resources and modern technology in multi-disciplinary environment.

PSO-2: Identify, formulate, research literature, and analyse complex problems reaching substantiated conclusions using first principles of mathematical, biological, physical and chemical sciences.

PSO-3: Specialized knowledge and practical training to address contemporary problems in academia and industry. Awareness of ethical issues and regulatory considerations while addressing societal needs for sustainability.

PSO-4: Interpretation and analysing legal and social problems and for ensuring solutions to these problems by application of the necessary laws and rules.

PSO-5: Inculcation of values of rights and duties as citizens and to transfer these values into real- life through legal and judicial processes for promoting community welfare

Program Educational Objectives (PEOs)

The objectives of the programme are to enable the students to:

PEO-1: To engage in active collaboration with academic institutions, Government, Non-government organizations and community at large;

PEO-2: To generate knowledge through research with an inter-disciplinary approach in law;

PEO-3: To identify and nurture leadership skills in students and help in the development of our future social engineers to enrich the society.

PEO-4: Impart knowledge on contemporary trends in Law and Enhance knowledge regarding principles and processes, and dynamics and other allied activities

PEO-5: Apply skills to analyse and evaluate legal issues and address with suitable solutions and exhibit the competency and skills to deal with legal issues across varied settings and modalities

PEO-6: Educate on professional ethics, principles of law making, and interpersonal skills relevant to professional practice & provide a general perspective on lifelong learning and opportunities for a career in industry, academia and government

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Course Outcomes (COs)

Course Title & Code: communicative English: Law and Language (21BSLC101A)

After undergoing this course students will be able to:

- **CO-1.** To develop language skill
- **CO-2.** To understand various style of oral communication
- **CO-3.** To develop analytical skill with critical interpretations and explanation

Course Outcomes (COs)

Course Title & Code: Legal Methods and Legal Theories (21BSLC102A)

After undergoing this course students will be able to:

- **CO-1.** Learn legal principles and develop the legal skills of research to find law
- **CO-2.** Marshal facts as a lawyer ought to do, prepare arguments for and against
- **CO-3.** Develop written and oral communication skills and enjoy the art of decision making.

Course Outcomes (COs)

Course Title & Code: Mechanics and Modern Physics (21BSLC103A)

After undergoing this course students will be able to:

- **CO-1.** State, explain and formulate the concepts of rigid body dynamics, elasticity, gravitation, quantum mechanics, nuclear physics and nanotechnology
- **CO-2.** Discuss the applications of Units and dimensions, Rigid body dynamics, elasticity, satellite orbits and navigation systems and nanotechnology
- **CO-3.** Describe and derive standard relationships in rigid body dynamics, elasticity, gravitation, nuclear physics, quantum mechanics, and nanotechnology
- **CO-4.** Solve simple problems in rigid body dynamics, elasticity, gravitation, nuclear physics and quantum mechanics
- **CO-5.** Conduct appropriate experiments as per the standard procedures and tabulate the measured values and analyze the results
- **CO-6.** Interpret, compare with standard results and draw conclusions to relate to practical applications

Course Outcomes (COs)

Course Title & Code: General Organic Chemistry (21BSLC104A)

After undergoing this course students will be able to:

- **CO-1.** Describe the properties, preparation and reactions of aliphatic and aromatic hydrocarbons, and properties of reagents.
- **CO-2.** Classify the inductive effect, electromeric effect, resonance and hyperconjugation and

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discuss the cleavage of bonds, structure, shape and reactivity of organic molecules

CO-3. Discuss the physical and chemical properties of aldehydes, alcohols, ethers, ketones

CO-4. Identify various functional groups, their properties and applications in obtaining legal solutions.

CO-5. Conduct appropriate experiments as per standard procedures and analyze the results, arrive at the conclusions.

Course Outcomes (COs)

Course Title & Code: Biology I - Introductory to Biology (Life on Earth) (21BSLC105A)

After undergoing this course students will be able to:

CO-1. Describe levels of organization and related functions in plants and animals, and identify the characteristics and basic needs of living organisms and ecosystems

CO-2. Define clearly what is meant by "life" and "living organisms", and define basic biological concepts and processes

CO-3. Describe levels of organization and related functions in plants and animals, and identify the characteristics and basic needs of living organisms

CO-4. Explain the theory of natural selection, how new species arise, construct a phylogenetic tree, and analyse the mechanisms which underlie evolution at the molecular level

CO-5. Explain the context of broader environmental concerns, such as climate change, habitat destruction, pollution, invasive species, and agriculture, identify human impacts on animal & plant populations, and the ecosystems in which they live, Identify global environmental problems

Course Outcomes (COs)

Course Title & Code: Legal Professional Communication Skills (21BSLC201A)

After undergoing this course students will be able to:

CO-1. Earn strong grounding in language and literature

CO-2. Understand various style of oral communication

CO-3. The analytical skill is developed with critical interpretations and explanation.

CO-4. Scientifically relate the Language and Literature as the means and methods of effective communication, reading, writing and speaking.

Course Outcomes (COs)

Course Title & Code: Waves and Optics (21BSLC202A)

After undergoing this course students will be able to:

CO-1. State, explain and formulate the concepts of simple harmonic motion, acoustics, wave optics, lasers and optical fibres

CO-2. Discuss the applications of simple harmonic motion, wave optics, lasers and optical fibres.

CO-3. Describe and derive standard relationships in simple harmonic motion, waves, acoustics, wave optics, lasers and optical fibres.

CO-4. Solve simple problems in simple harmonic motion, waves, acoustics, interference, diffraction, lasers and optical fibres.

CO-5. Conduct appropriate experiments as per the standard procedures and tabulate the measured values and analyse the results.

CO-6. Interpret, compare with standard results and draw conclusions to relate to practical applications

Course Outcomes (COs)

Course Title & Code: Inorganic & Biochemistry (21BSLC203A)

After undergoing this course students will be able to:

CO-1. Explain the structure and bonding in compounds of s, p and d block elements, polymers, proteins and Metalloporphyrins; metabolic pathways of various biomolecules; properties of polymers.

CO-2. Classify the s, p and d block elements, Polymers, Essential and trace elements in biological processes, agrochemicals, amino acids and proteins, vitamins, carbohydrates and lipids.

CO-3. Discuss lattice energy, metallic bond, HSAB theory, general trends in s- and p- block elements; mechanism of addition polymerization; techniques of polymerization

CO-4. Identify and analyse the traces of agrochemicals and inorganic compounds to solve legal problems

CO-5. Conduct appropriate experiments as per standard procedures and analyze the results, arrive at the conclusions.

Course Outcomes (COs)

Course Title & Code: Mathematics I (21BSLC205A)

After undergoing this course students will be able to:

CO-1. Understand the concept of sets, relations and functions

CO-2. Explain basic concepts of straight lines, parabola, ellipse and hyperbola and their properties.

CO-3. Solve simple mathematical problems associated with algebra, geometry and trigonometry

CO-4. Explain the importance and significance of parabola, hyperbola, ellipse, trigonometric ratios.

CO-5. Solve complex real-world problems associated with algebra, geometry and trigonometry

Course Outcomes (COs)

Course Title & Code: Electromagnetism and Electronics (21BSLC301A)

After undergoing this course students will be able to:

CO-1. State, explain and formulate the concepts of electrostatics, magnetostatics, electromagnetic

induction, electromagnetic spectrum, atomic spectra, semiconductors,

CO-2. Discuss the applications of electromagnetic waves in scientific research and industries, electronic components, magnetic materials, behaviour of atoms in external magnetic field, electromagnetic induction, semiconductors,

CO-3. Describe and derive standard relationships in electrostatics, magnetostatics, electromagnetic induction, atoms in a magnetic field.

CO-4. Solve simple problems in electrostatics, electromagnetic induction, electromagnetic spectrum, semiconductor physics and atoms in magnetic field

CO-5. Conduct appropriate experiments as per the standard procedures and tabulate the measured values and analyse the results

CO-6. Interpret, compare with standard results and draw conclusions to relate to practical applications

Course Outcomes (COs)

Course Title & Code: Forensic Chemistry (21BSLC302A)

After undergoing this course students will be able to:

CO-1. Explain the properties, formation and hazardous effects of industrial gases, chemistry of blood serum, cement, glasses, carbon block, abrasives, fertilizers, pulp & paper, explosives, textile fibers, paints, varnishes and dyes.

CO-2. Classify industrial gases, paints, textile fibers, varnishes and dyes, explosives and poisons.

CO-3. Discuss the role of activation energy in explosives, chemical methods to identify dyes, paints, DNA finger printing, toxic substances, alcohols, gases, polymers and fertilizers

CO-4. Identify and analyse the results of forensic analysis of textile fibers, body fluids, DNA finger printing.

CO-5. Conduct appropriate experiments as per standard procedures and analyze the results, arrive at the conclusions.

Course Outcomes (COs)

Course Title & Code: Biology III: Principles of Biology at cellular level (21BSLC303A)

After undergoing this course students will be able to:

CO-1. Explain the basic concepts in Cell Biology, Immunology, and Biotechnology

CO-2. Describe the concepts antigen and antibody interactions and immune systems

CO-3. Describe the basics concepts recombinant DNA Technology

CO-4. Practical realization of basic concepts through experiments

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Course Outcomes (COs)

Course Title & Code: Calculus (21BSLC304A)

After undergoing this course students will be able to:

- **CO-1.** Explain the principles of differential and integral calculus
- **CO-2.** State important theorems such as Rolle's theorem, Lagrange and Cauchy mean value theorem, Taylor's theorem and Euler's theorem
- **CO-3.** Solve simple mathematical problems associated with differential and integral calculus
- **CO-4.** Apply differential and integral calculus to model real world problems
- **CO-5.** Solve complex real world problems associated with differential and integral calculus

Course Outcomes (COs)

Course Title & Code: Law of Tort (21BSLC305A)

After undergoing this course students will be able to:

- **CO-1.** To determine the functions of Tort Law, the essential elements of Tort Law, the Types of Torts, the general defences in Tort law.
- **CO-2.** To understand the difference between law of contract and law of tort, criminal law and law of tort, the overlap between Contract law and law of tort, criminal law and law of tort, the damages and their classifications in law of tort.
- **CO-3.** To determine whether tort law is based primarily on statutory law

Course Outcomes (COs)

Course Title & Code: Law of Contract - I (21BSLC306A)

After undergoing this course students will be able to:

- **CO-1.** To acquaint a student with the conceptual and operational parameters of these various general principles of contractual relations.
- **CO-2.** Specific enforcement of contract is an important aspect of the law of contracts. Analysis of the kinds of contracts that can be specifically enforced and the methods of enforcement forms a significant segment of this study.

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Course Outcomes (COs)

Course Title & Code: Linear Algebra, Statistics and Probability (21BSLC401A)

After undergoing this course students will be able to:

- **CO-1.** Explain basic concepts in matrices, determinants, system of linear equations, linear transformations and eigenvalues

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CO-2. Solve simple problems, matrices, system of linear equations, eigenvalues and eigenvectors, matrix of linear transformations.

CO-3. Solve simple problems in data analysis, contingency, correlation and probability

CO-4. Model real world problems using linear algebra, probability and statistics

CO-5. Explain the importance and significance of statistics and probability in data analysis and in quantification of randomness.

CO-6. Solve complex problems arising in real world involving data analysis, contingency, correlation and probability

Course Outcomes (COs)

Course Title & Code: Constitutional Law (21BSLC402A)

After undergoing this course students will be able to:

CO-1. To acquaint a student with the conceptual and operational parameters of these various specificl principles of contractual relations.

CO-2. Specific enforcement of contract is an important aspect of the law of contracts. Analysis of the kinds of contracts that can be specifically enforced and the methods of enforcement forms a significant segment of this study.

Course Outcomes (COs)

Course Title & Code: Law of Contract - II (21BSLC403A)

After undergoing this course students will be able to:

CO-1. To acquaint a student with the conceptual and operational parameters of these various specificl principles of contractual relations.

CO-2. Specific enforcement of contract is an important aspect of the law of contracts. Analysis of the kinds of contracts that can be specifically enforced and the methods of enforcement forms a significant segment of this study.

Course Outcomes (COs)

Course Title & Code: Family Law-I (21BSLC404A)

After undergoing this course students will be able to:

CO-1. To endow the students with knowledge of both the codified and uncodified portions of Hindu law

CO-2. To evaluate the strength of family system in India and the extent of legal support provided to the same.

CO-3. To examine when and how and to what extent a Uniform Civil Code to regulate a religious part of family life.

Course Outcomes (COs)

Course Title & Code: Law of Property (21BSLC405A)

After undergoing this course students will be able to:

- **CO-1.** To examine the general principles governing the transfer of property.
- **CO-2.** To study the substantive law relating to particular transfers, such as sale, mortgage, lease, exchange, gift and actionable claims.
- **CO-3.** To analyze the concept of trust.

Course Outcomes (COs)

Course Title & Code: Administrative Law (21BSLC406A)

After undergoing this course students will be able to:

- **CO-1.** To examine the historical evolution of maxims, doctrines, and principles of Administrative Law
- **CO-2.** To introduce you briefly the historical background of Indian law and its implication on the administration.
- **CO-3.** To rule based administration replacing discretion based arbitrary administration
  To deliver administrative justice, justice to be delivered at the door step.

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