DEPARTMENT OF SCIENCE

B.Sc. PJC (Psychology, Journalism and Computer Science)-NEP

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

PEO 1 To build basic foundation in psychology, to obtain insights in computing, to develop editing and reporting skills

PEO 2 To give comprehensive training for both theoretical and applied aspects of psychology, journalism and computer science

PEO 3. To provide adequate knowledge to the students to pursue further studies, either of the three(Psychology, Journalism, Computer science) faculties

PROGRAMME OUTCOMES (POs):

PO1. Application of Theory

The ability to apply psychological theory, scientific method, and statistical knowledge to everyday problems

PO 2 Theoretical knowledge

A thorough grounding in the fundamental theoretical and applied subdisciplines of Psychology.

PO3. Awareness about self and others

Students can identify how we become aware of ourselves, how we learn to interact with others, and how we influence others and how they influence us.

PO 4. Enhancement of writing skill

Students will be able to acquire writing skill related to mass media

PO5 Practical application of design and creativity

Students will be able to create and design emerging media products

PO6. Sensitising media laws

Students will understand and be able to apply relevant case law involving journalism

PO7 Computational Knowledge

Apply knowledge of computing fundamentals, computing specialisation,and domain knowledge appropriate for building computing models for defined problems and requirements.

PO8 Problem Analysis

Identify, formulate, and solve computing problems using fundamental principles of computing sciences, and relevant domain disciplines

P09. Design Development of Solutions

Design and evaluate solutions for computing problems, design components, and formulate processes that meet specified needs.

PROGRAMME SPECIFIC OUTCOMES (PSOs):

PSO 1 .To use of basic psychological tests and experiments, Identify and think on the various psychological problems.

PS020. Make use of personality theories in daily practice.

POS3. Analyze and understand abnormal human behavior in practice.

PSO 4. Students will be able to write a variety of mass media products, including news stories, press releases, and advertising copy, following accepted journalistic standards, including Associated Press style

PSO 5 Students will be able to create and design emerging media products, including blogs, digital audio, digital video, social media, digital photography, and multimedia.

PSO 6. Students will understand and be able to apply relevant case law involving journalism, the First Amendment, and other mass media issues.

PSO 7 . The students will be have a strong foundation in computer science with subjects like Computer Organization, Operating Systems, Data Communications, Network Security and will have adequate programming skills to develop software applications

ST. FRANCIS COLLEGE
Koramangala
Affiliated to Bengaluru City University

DEPARTMENT OF SCIENCE

B.Sc. PJC (Psychology, Journalism and Computer Science)-NEP

COURSE OUTCOMES (COs)

I SEM BSc. (PJC)

DSCC : FOUNDATIONS OF PSYCHOLOGY – I

CO1 : Demonstrate a comprehensive understanding of the historical, theoretical, and methodological foundations of psychology.

CO2 :Apply critical thinking skills to evaluate and analyze various psychological theories and concepts.

CO3 :Communicate effectively about foundational topics in psychology through oral and written presentations

INTRODUCTION TO JOURNALISM CONCEPTS AND PRACTICES

CO 1. Understand and appreciate various dimensions of mass communication

CO2. Develop an understanding of the fundamental concepts in journalism

CO3. Analyze the scope/various dimensions in journalism

CO4. Discuss the recent trends in mass media

CO5. Analyze and review different newspaper

OE: WRITING FOR MEDIA

CO1 : Students are familiar with writing for media.

CO2 :Students are equipped with new trends in media writing.

OE : C PROGRAMMING

CO1 Confidently operate Desktop Computers to carry out computational tasks

CO2 Understand working of Hardware and Software and the importance of operating, systems.

CO3 Understand programming languages, number systems, peripheral devices, networking, multimedia and internet concept

CO4 Read, understand and trace the execution of programs written in C language

CO5 Write the C code for a given problem

CO6 Perform input and output operations using programs in C

CO7 Write programs that perform operations on arrays

II SEM BSc. (PJC)

DSCC : FOUNDATIONS OF PSYCHOLOGY– II

CO1 : Demonstrate a comprehensive understanding of the historical, theoretical, and methodological foundations of psychology.

CO2 :Apply critical thinking skills to evaluate and analyze various psychological theories and concepts.

CO3 :Communicate effectively about foundational topics in psychology through oral and written presentations

2.1: COMPUTER APPLICATIONS FOR MEDIA

CO1 :. Understand the basic concepts of computer

CO2 : Develop an understanding of the applications of computers in print and electronic journalism

CO3 : Get acquainted with internet applications

CO4 : Apply information technology' skills in print and broadcast projects.

CO5: Demonstrate web based broadcasting skill

OEC : PYTHON

CO 1:To understand why Python is a useful scripting language for developers and to design and program Python applications, learn how to write loops and decision statements in Python, and use indexing and slicing to access data in Python programs.

CO 2: To learn how to use lists, tuples, set and dictionaries in Python programs and study about frozen set and zip() function.

CO 3: Describe on how to design object oriented programs in Python such as inheritance, Encapsulation, and polymorphism and usage of file concept in python.

CO 4: Study on how to visualize data and working with Application Programming Interface.

OEC : PHOTO JOURNALISM

CO1 : Photography Basics: You'll learn camera operation, equipment handling, and photographic techniques.

CO2 : Journalism Fundamentals: Understand news editing, layout, and professional standards.

CO3 : Ethics in Photojournalism: Explore how journalistic ethics apply to photojournalism, including special ethical issues that arise in this field.

CO4 : Visual Storytelling: Learn to produce compelling visual narratives through photography and multimedia projects

III SEM BSc. (PJC)

DSC3 CHILD DEVELOPMENT

CO1 : Understand the physical, cognitive, emotional, and social development processes in children.
CO2 : Evaluate the role of family, peers, culture, and society in shaping child development.
CO3 : Apply knowledge of child development to promote positive outcomes in educational, clinical, and community settings.

DSC3 : NEWS REPORTING AND ANALYSIS

CO1 : Organize and articulate news stories. Understand the concepts, structure, and types of news.
CO2 : Formulate skills for news selection, process, prioritize and finally, design the end product, identify the basic ethical issues confronting editors and how they can practice fair play

OEC : ENTREPRENEURSHIP SKILLS

CO 1 Discover their strengths and weaknesses in developing the entrepreneurial mind-set.

CO 2 Familiarize themselves with the mechanism of setting up, monitoring and maintaining an Enterprise.

CO 3 Understand the various procedures for setting up the Startups in India.

CO 4 Understand the role of Government in supporting entrepreneurship

SEC : ARTIFICIAL INTELLIGENCE

CO 1. Understand the various characteristics of problem solving agents and apply problem solving through search for AI applications.

CO 2. Appreciate the concepts of knowledge representation using Propositional logic and Predicate calculus and apply them for inference/reasoning.

CO 3. Obtain insights about Planning and handling uncertainty through probabilistic reasoning and fuzzy systems.

CO 4. Understand basics of computer vision and Natural Language Processing and understand their relevance in AI applications.

CO 5. Obtain insights about machine learning, neural networks, deep learning networks and their significance.

IV SEM BSc. (PJC)

DSC4 : DEVELOPMENT PSYCHOLOGY

CO1 : Students should be able to articulate an understanding of the developmental theorists in psychology and how these theories apply in today's world.

DSC4: NEWS PROCESSING AND EDITING

CO1 :Understand the role of editors.

CO2 :Edit copy using correct grammar and right usage of words.

CO3 :Be able to write clear and accurate headlines, decks, and captions.

CO4 :Be able to design basic news pages.

CO5 :Understand the ethical issues confronting editors

OEC : CONSTITUTION OF INDIA

CO1 :Understanding the philosophy of the constitution and its structure
CO2 :Measuring the powers and functions of various powerful people of government
CO3 :To understand and appreciate the role of constitution in democracy

SEC : FINANCIAL EDUCATION & INVESTMENT AWARENESS

CO1 : To understand the basic concepts of finance, identify and classify simple compound interest and also describe the valuation of security.

CO2 :To remember the facts and basic essential concepts of investment avenues and to discuss stock market concepts

CO3 : Gain insights on mutual funds, the pros and cons and major fund houses in India.

V SEM BSc. (PJC)

PSY C13-T SOCIAL PSYCHOLOGY

CO1 : Understand the influence of social processes on individual behavior, attitudes, and cognition.
CO2 : Analyze social phenomena such as conformity, obedience, prejudice, aggression, and altruism.
CO3 : Apply social psychological theories to understand and address issues related to social influence, group dynamics, and intergroup relations

PSY C11-T HEALTH PSYCHOLOGY

CO1 : To get an overview about the field of Health Psychology
CO2 : Explain the biopsychosocial model of health and illness.
CO3 : Analyze the psychological factors influencing health behaviors, adherence to medical regimens, and coping with illness.

JMC C9 INTRODUCTION TO COMMUNICATION

CO1 : To demonstrate a comprehensive understanding of the fundamental principles and theories of communication.
CO2 : To possess a heightened level of media literacy.

CO3 : To acquire the necessary interpersonal and interviewing skills to conduct effective journalistic interviews and engage with diverse sources.

JMC11 - FUNDAMENTALS OF TELEVISION AND RADIO

CO1 : Understand effective communication skills for radio and television broadcasting
CO2 : Understand the history and evolution of Radio and Television
CO3 : Enable them to write scripts for Radio and Television

SEC: EMPLOYABILITY SKILLS

CO1: Develop systematic problem-solving abilities.
CO 2: Enhance verbal and non-verbal reasoning skills
CO 3: Improve numerical and analytical abilities
CO 4: Enhance English language and communication skills

VI SEM BSc. (PJC)

PSY C14-T : ABNORMAL PSYCHOLOGY

CO1 : Identify and classify various psychological disorders based on DSM criteria.

CO2 :Understand the etiology, Theoretical perspectives, symptomatology, and treatment approaches for different psychological disorders.

CO3 :Apply knowledge of abnormal psychology to assessments and tests

PSY C16-T : HUMAN RESOURCE MANAGEMENT

CO1 : Describe the role of psychology in human resource management practices.

CO2 :Apply psychological principles to personnel selection, training, performance appraisal, and employee motivation.

CO3 :Evaluate the ethical and legal issues involved in managing human resources within organizations.

JMC16 - ADVERTISING AND CORPORATE COMMUNICATION

CO1 :Demonstrate an understanding of the core principles and functions of advertising and corporate communication within the context of modern media landscapes.

CO2 :Analyse and evaluate various advertising strategies and corporate communication plans employed by businesses and organisations.

CO3 :Create compelling advertising campaigns using a mix of traditional and digital media platforms.

JMC14- INTRODUCTION TO DIGITAL MEDIA

CO1 : Analyze the evolution, characteristics, and impacts of digital media, distinguishing its advantages and trends from traditional media forms.

CO2 : Evaluate and apply various digital storage technologies and media, including cloud and physical storage devices, to optimise digital content management.

CO3 : Utilize diverse digital platforms such as social media, blogs, and news portals for effective communication, engagement, and content distribution

PRINCIPAL