

Sem.	Part	Course	Course Title	Credits	MARKS			Hrs/ Week	Exam duration
					CA	TEE	TOTAL		
V	III	Core	Forensic and Criminal Psychology I	4	25	75	100	7	Theory TEE : 3 hrs: Practicals TEE : 3 hrs
	III	Core	Research Methodology	4	25	75	100	7	
	III	Core*	Practical- Experimental Psychology II*					5	
	III	Allied	Positive Psychology	4	25	75	100	7	
	III	Elective I	Industrial and Organizational Psychology	4	25	75	100	7	
	III	Core*	Project Work and Viva voce*					3	
	III	Core	Vacation Internship and Viva voce	1	60	40	100		
VI	III	Core	Forensic and Criminal Psychology II	4	25	75	100	7	
	III	Core	Marketing and Consumer Behaviour	4	25	75	100	7	
	III	Allied	Health Psychology	4	25	75	100	7	
	III	Core*	Practical- Experimental Psychology II*	5	40	60	100	5	
	III	Core*	Project Work and Viva voce*	8	25	75	100	4	
	III	Elective II	Human Resource Management	4	25	75	100	5	
TOTAL				46			1100		

\* Practical Exams in Even Semester Only

\*\* Outstanding/ Excellent/ Distinction/ Very Good/ Good/ Average/ Satisfactory/ To Reappear/ Absent

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**B. Sc. PSYCHOLOGY**

**Effective from the academic year: 2019-2020**

**FIFTH SEMESTER**

**CORE: FORENSIC AND CRIMINAL PSYCHOLOGY- I**

**Objectives of the subject: To enable the students to understand...**

- The field of forensic and criminal psychology.
- The theories of crime.
- The juvenile, violent, sexual and mentally ill offenders.

**UNIT I: INTRODUCTION**

**(12 hours)**

Definition - History - Extent of crime - Extent of criminality - International Variations in Justice Systems - Public Attitude and Fear about Crime.

**UNIT II: THEORIES OF CRIME**

**(11 hours)**

Introduction - Neuropsychology of Offending - Intelligence and Crime - Psychoanalysis and Crime - Social Learning Theory - Social Construction of Crime.

**UNIT III: JUVENILE OFFENDERS**

**(11 hours)**

Introduction - Adolescents, Crime and Family - Criminogenic Factors - Biological Factors - Antisocial Behaviour in Childhood - Social Intervention.

**UNIT IV: VIOLENT AND MENTALLY ILL OFFENDERS**

**(12 hours)**

Alcohol & Violent Crimes - Role of Anger - Media Influence - Domestic Violence - Violence in Mentally Ill - **Psychopaths and Crime.**

**UNIT V: SEXUAL OFFENDERS**

**(11 hours)**

Youthful Sex Offenders - Anger and Hostility - **Rape:** Patterns, Myths, Theories, Nature of Rapists - Sociocultural Factors - **Paedophilia** - Denial and Sex Offending - Internet Paedophile Offenders.

**Text Book:**

Howitt, D. (2018). *Introduction to Forensic and Criminal Psychology*. 6<sup>th</sup> ed. Pearson Education Limited.

**Reference Books:**

Durrant, R. (2018). *An Introduction to Criminal Psychology*. 2<sup>nd</sup> ed. Routledge.

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**B. Sc. PSYCHOLOGY**

Effective from the academic year: 2019-2020

**FIFTH SEMESTER**

**ALLIED: POSITIVE PSYCHOLOGY**

**Objectives of the subject: To enable students to understand...**

- The foundations of Positive Psychology.
- The concepts of Positive Emotions, Close Relationships and Resilience.
- The importance of Virtues and Positive Traits.

**UNIT I: INTRODUCTION**

**(11 hours)**

**Positive Psychology:** Meaning - Traditional vs. Positive Psychology - Assumptions, Goals and Definition. **Happiness:** Meaning - Hedonic and Eudaimonic Happiness - Global Measures of Happiness - Happiness across Life Span - Gender and Happiness - Marriage and Happiness - Other Facts of Life.

**UNIT II: POSITIVE EMOTIONS & RESILIENCE**

**(12 hours)**

**Positive Emotions:** Meaning - Broaden & Build Theory - Positive Emotions and Health Resources - Positive Emotions and Well-being - Cultivating Positive Emotions. **Resilience:** Meaning - Developmental and Clinical perspectives - Sources of Resilience in Children to Later life - Successful Aging - Growth through Trauma.

**UNIT III: CLOSE RELATIONSHIPS AND WELLBEING**

**(12 hours)**

**Close Relationships and Well-being:** Defining Close Relationships - On the Lighter Side - Friendship and Romantic Love - Varieties of Love - Cultural Context of Love, Marriage and Divorce - What People bring to Romantic Relationship - Contours of Happy Marriage.

**UNIT IV: VIRTUE & LIFE ABOVE ZERO**

**(11 hours)**

**Wisdom and Virtue:** Meaning - Theories - SOC Model - Transcendence: Religion and Spirituality - Religion and Virtue. **Life above zero:** Interconnection of the "Good" and the "Bad" - Contours of a Positive Life. **Mindfulness:** Meaning - Mindfulness and Psychotherapy - East- West and Positive Psychology.

**UNIT V: POSITIVE TRAITS, SELF- REGULATION & CONTROL**

**(12 hours)**

**Positive Traits:** Meaning - Personality, Emotions and Biology - Positive Beliefs - Positive Illusions. **Self- Regulation (SR):** Meaning - Control and Discrepancy Theory - Planning for SR Success - Goals and SR Problems. **Self- Control:** Meaning - Value of Self Control - Self Control Failure - Goal Disengagement.

**Text Book:**

Steve R. Baumgardner & Marie K. Crothers. (2015). *Positive Psychology*. 1<sup>st</sup> Ed. Dorling Kindersley India Pvt. Ltd. Pearson Education.

**Reference Book:**

Chadha N. K., Harpreet Bhatia & Daisy Sharma. (2012). *Perspectives in Positive Psychology*. 1<sup>st</sup> Ed. Pinnacle Learning.

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**B. Sc. PSYCHOLOGY**

**Effective from the academic year: 2019-2020**

**FIFTH SEMESTER**

**CORE: RESEARCH METHODOLOGY**

**Objectives of the subject: To enable the students to understand...**

- The basic concepts and foundations of research.
- The importance of Research problem, Review of Literature & Variables.
- The concepts of Research Design, Data Collection and Research Report.

**UNIT I: MEANING OF RESEARCH**

**(10 hours)**

**Research:** Meaning – Objectives – Types - Significance of Research - Research Methods vs. Methodology - Research and Scientific Method - Research Process - Criteria of Good Research.

**UNIT II: RESEARCH PROBLEM, REVIEW OF LITERATURE & VARIABLES** (12 hours)

**Research Problem:** Definition - Importance of Formulating Research Problem - Considerations in Selecting a Research Problem - Steps in Formulating Research Problem. **Review of Literature:** Meaning – Purpose - Steps to Review Literature. **Variables:** Meaning - Types of Variables.

**UNIT III: RESEARCH DESIGN**

**(11 hours)**

**Research Design:** Meaning - Need for Research Design - Features of a Good Design - Important Concepts Relating to Research Design - Different Research Designs - Basic Principles of Experimental Design.

**UNIT IV: METHODS OF DATA COLLECTION**

**(12 hours)**

**Data Collection:** Meaning - Primary Data and Secondary Data - Questionnaire, Interview, Observation and Schedules. **Measurement and Scaling:** Measurement Scales - Source of Error in Measurement – Scaling - Important Scaling Techniques - Concepts of Reliability and Validity - Ethical Issues.

**UNIT V: REPORT WRITING**

**(10 hours)**

**Report Writing:** Significance of Report Writing - Different Steps in Writing Report - Layout of the Research Report - Types of Report - Oral Presentation - Precautions for Writing Research Reports.

**Text Book:**

Kothari, C. R. (2007). *Research Methodology: Methods and Techniques*. 2<sup>nd</sup> Ed. New Age International Publishers.

**Reference Book:**

Ranjit Kumar. (2014). *Research Methodology: A step by step guide for beginners*. 4<sup>th</sup> Ed. Sage Publications.

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**B. Sc. PSYCHOLOGY**

Effective from the academic year: 2019-2020

**FIFTH SEMESTER**

**ELECTIVE I: INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY**

**Objectives of the subject: To enable the students to understand...**

- The field of Industrial and Organizational Psychology.
- The role of job analysis and evaluation.
- The selection and appraisal of employees.
- The issues of safety, violence and health.

**UNIT I: INTRODUCTION**

**(10 hours)**

Definition – Major Fields of I-O Psychology – Brief History of I-O Psychology - Challenges of I-O Psychology – Career Options for I-O Psychologists.

**UNIT II: JOB ANALYSIS AND EVALUATION**

**(11 hours)**

**Job Analysis:** Importance – Writing Good Job Description – Preparing and Conducting Job Analysis – Using Other Job Analysis Methods. **Job Evaluation:** Determining Internal and External Pay Equity – Determining Sex and Race Equity.

**UNIT III: EMPLOYEE SELECTION & PERFORMANCE APPRAISAL**

**(12 hours)**

**Employee Selection:** Recruitment Process – Selection Techniques – Interviews – References and Letters of Recommendation. **Performance Appraisal:** Fair Employment Practices – Objective Methods - Judgmental Methods – Improving Performance Appraisal.

**UNIT IV: EMPLOYEE MOTIVATION AND JOB SATISFACTION**

**(11 hours)**

**Employee Motivation:** Predisposition: Personality, Self- Esteem, Intrinsic Motivation, Need for Achievement and Power – Self- Regulation – Employee Goals – Feedback on Goal Process – Rewards. **Job Satisfaction:** Measurement - Impact of Personal Characteristics – Job Involvement and Organizational Commitment.

**UNIT V: SAFETY, VIOLENCE AND HEALTH**

**(10 hours)**

Accidents: Causes and Prevention – Violence in Workplace – Alcoholism in Workplace – Drug Use in Workplace – Stress in Workplace: Causes, Effects and Treatment.

**Text Book:**

1. Schultz, D. P. & Schultz, E. S. (2011). *Psychology and Work Today: An Introduction to Industrial and Organizational Psychology*. Pearson India.
2. Aamodt, M. G. (2016). *Industrial/ Organizational Psychology: An Applied Approach*. 8<sup>th</sup> Ed. Cengage Learning.

**Reference Book:**

Muchinsky, P. M. (2006). *Psychology Applied To Work*. 8<sup>th</sup> Ed. Thomson Wadsworth.

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**B. Sc. PSYCHOLOGY**

**Effective from the academic year: 2019-2020**

**FIFTH SEMESTER**

**CORE: VACATION INTERNSHIP AND VIVA VOCE**

**Objectives of the subject:** To enable the students to acquire knowledge and the right attitude required to establish professional behavior, understand the role of psychologist and increase their level of competence.

**Project Outline:**

The students are required to visit any organization relevant to Psychology, approved by the Department, during their fourth semester break for a period of 30 days. The students must submit a report on their experience, attendance log and certificate from the organization.

**PROJECT: MARKS BREAK- UP**

**INTERNAL (Faculty in- charge)**

Report	40
Viva voce	20
	....
Total	60
	....

**EXTERNAL (Organization Supervisor)**

Regularity	30
Review	10
	....
Total	40
	....

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**B. Sc. PSYCHOLOGY**

Effective from the academic year: 2019-2020

**SIXTH SEMESTER**

**CORE: FORENSIC AND CRIMINAL PSYCHOLOGY- II**

**Objectives of the subject: To enable the students to understand...**

- The process of profiling.
- The problems of false allegations, confessions, eyewitness testimony and lies.
- The psychological treatment for prisoners and victims.

**UNIT I: PROFILE ANALYSIS**

**(10 hours)**

Profiling – Origins - FBI Profiling Process - Process of Police Investigation - Effectiveness of Profiling - Research based Criminal Profiling - Crime Linkage - Profiling and Personality.

**UNIT II: ALLEGATIONS AND CONFESSIONS**

**(12 hours)**

**False Allegations:** Problems - False Memory - False Claims of Abuse and Young Children - Genuine Allegations.

**Confessions:** Inducing Confessions - Types of False Confessions - Consequences of False Confessions - Recommended Solution.

**UNIT III: EYEWITNESS TESTIMONY AND LIE DETECTION**

**(12 hours)**

Eyewitness Testimony - Accuracy of Eyewitness Testimony - Improving Validity of Line-up - Ekman's Lie Detection Theory - Improving Lie Detection Rates - Strategic Questioning - Polygraph Process - Problems with Polygraph - Alternatives to Polygraph.

**UNIT IV: PSYCHOLOGICAL TREATMENT FOR PRISONERS**

**(11 hours)**

Prison as Therapeutic Community - Violence and Suicide in Prison - Effectiveness of Prison - Treating Sex Offenders and Violent Criminals - High Risk Offender Problem.

**UNIT V: VICTIMS OF CRIME**

**(10 hours)**

Victim- Offender Overlap - Psychology of Victims – PTSD - Theories of PTSD - Re-victimisation - Post Traumatic Anger - Psychological Help - Victim Decision Making.

**Text Book:**

Howitt, D. (2018). *Introduction to Forensic and Criminal Psychology*. 6<sup>th</sup> ed. Pearson Education Limited.

**Reference Book:**

Durrant, R. (2018). *An Introduction to Criminal Psychology*. 2<sup>nd</sup> ed. Routledge.

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**B. Sc. PSYCHOLOGY**

**Effective from the academic year: 2019-2020**

**SIXTH SEMESTER**

**CORE: MARKETING AND CONSUMER BEHAVIOUR**

**Objectives of the subject: To enable the students to understand...**

- The Marketing and Marketing Environment.
- The Consumer Behaviour and the Characteristics affecting it.
- The role of Product and Pricing.
- The Sustainable Marketing and engaging customers.

**UNIT I: INTRODUCTION**

**(10 hours)**

**Marketing:** Definition - Marketing Process - Understanding Market Place and Customer Needs - Marketing Management Orientations - The Digital Age - Marketing Strategy and The Marketing Mix - Managing The Market Effort.

**UNIT II: MARKETING ENVIROMENT & INFORMATION**

**(11 hours)**

**Marketing Environment:** Meaning - The Micro Environment - The Macro Environment - Marketing Information- Developing Marketing Information - Marketing Research - Segmenting Consumer Markets.

**UNIT III: CONSUMER BEHAVIOUR**

**(10 hours)**

**Consumer Behavior:** Meaning - Model of Consumer Behavior - Characteristics Affecting Consumer Behavior: Cultural, Social, Personal & Psychological - Types of Buying Decision Behavior - The Buyer Decision Process.

**UNIT IV: PRODUCT AND PRICING**

**(11 hours)**

**Product:** Meaning - Levels of Product - Product Classification - New Product Development Process - Product Life Cycle Strategies. **Pricing:** Meaning - Major Pricing Strategies - Price Adjustment Strategies.

**UNIT V: ENGAGING CUSTOMERS & SOCIAL RESPONSIBILITY**

**(12 hours)**

**Engaging Customers:** Promotion Mix - Steps in Developing Effective Marketing Communication – Advertising and Sales Promotion - Personal Selling. **Social Responsibility:** Sustainable Marketing - Social Criticisms of Marketing.

**Text Book:**

Kotler, P. & Armstrong, G. (2016). *Principles of Marketing*. 16<sup>th</sup> Ed. Pearson Education.

**Reference Book:**

Schiffman, L.G., Kanuk, LL. (2010). *Consumer Behaviour*. 10<sup>th</sup> Ed. Pearson Education.

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**B. Sc. PSYCHOLOGY**

Effective from the academic year: 2019-2020

**SIXTH SEMESTER**

**ALLIED: HEALTH PSYCHOLOGY**

**Objectives of the subject: To enable the students to understand...**

- The foundations of Health Psychology.
- The nature of Stress, Pain and Coping.
- The role of Diet and Physical Activity for healthy living.
- The behavioural factors in cardiovascular diseases and Cancer.
- The impact on Chronic Illness.

**UNIT I: FOUNDATIONS OF HEALTH PSYCHOLOGY**

**(12 hours)**

**Health:** Meaning - Psychology's Relevance for Health. **Health Psychology:** Definition - Profession of Health Psychology - Seeking Medical Attention - Seeking Medical Information from Non-Medical Sources - Receiving Medical Care.

**UNIT II: STRESS, PAIN AND COPING**

**(12 hours)**

**Stress:** Meaning - Physiology of the Stress Response - Theories of Stress - Sources of Stress - Measurement of Stress - Coping with Stress - Stress and Diseases - Stress and Psychological Disorders. **Pain:** Definition - Pain Syndromes - Managing Pain.

**UNIT III: DIET AND PHYSICAL ACTIVITY**

**(11 hours)**

**Diet:** Meaning - Obesity - Eating Disorders - Approaches to Losing Weight. **Physical Activity:** Definition - Types - Reasons for Exercising - Physical and Psychological Benefits - Hazards.

**UNIT IV: CARDIOVASCULAR DISEASES & CANCER**

**(11 hours)**

**Cardiovascular System:** Meaning - Changing Rates - Risk Factors. **Cancer:** Definition - Behavioral Risk Factors - Living with Cancer.

**UNIT V: LIVING WITH CHRONIC ILLNESS**

**(11 hours)**

**Chronic Illness:** Meaning - Impact of Chronic Illness. **Diabetes:** Meaning - Adjusting to Diabetes. **Asthma:** Meaning - Impact of Asthma. **HIV & AIDS:** Meaning - Dealing with HIV & AIDS - Symptoms - Transmission of HIV - Psychologist's Role.

**Text Book:**

Linda Brannon, John A. Updegraff & Jess Feist. (2018). *Health Psychology: An Introduction to Behaviour and Health*. 9<sup>th</sup> Ed. Cengage Learning.

**Reference Book:**

Edward P. Sarafino & Timothy W. Smith. (2011). *Health Psychology: Biopsychosocial Interactions*. 7<sup>th</sup> Ed. John Wiley & Sons Inc.

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**B. Sc. PSYCHOLOGY**

Effective from the academic year: 2019-2020

**SIXTH SEMESTER**

**CORE: PRACTICAL- EXPERIMENTAL PSYCHOLOGY- II**

**Objectives of the subject:** To enable the students to develop skills in the psychological domain and learn the basic psychological processes involved in Human Behavior.

**Outline of the Laboratory Experiments:**

**Interest**

Comprehensive Interest Schedule

**Association**

Free Association Test

**Self**

Self- Concept

Assertiveness Scale

Self- Esteem Scale

Locus of Control

**Mental Health & Well being**

Stress Inventory

Depression Inventory

Aggression Scale

State Trait Anxiety Test

Life Satisfaction Scale

**Personality**

Eysenck's Personality Inventory

16 Personality Factor Questionnaire

**Information Technology**

Cyber Crime Awareness Scale

**Text Book:**

Anastasi, A. & Urbina, S. (2016). *Psychological Testing*. 7<sup>th</sup> Ed. Pearson India.

**Reference Books:**

1. Woodworth, R. S. & Scholberg, H. (2010). *Experimental Psychology*. Revised Ed. Oxford & IBH Publishing, New Delhi.
2. Kalpan, R. M. & Saccuzo, D. P. (2018). *Psychological Testing- Principle, Applications and Issues*. 6<sup>th</sup> Ed. Cengage, India.

**PRACTICALS: MARK BREAK- UP**

**INTERNAL**

Record & observation	10
Conducting Experiments	10
Attendance	05
Discussion & Report	10
Viva	05
	....
Total	40

**EXTERNAL**

Record	20
Conducting Experiments	20
Viva Voce	20
	....
Total	60



**B. Sc. PSYCHOLOGY**

**Effective from the academic year: 2019-2020**

**SIXTH SEMESTER**

**CORE: PROJECT WORK AND VIVA VOCE**

**Objectives of the subject:** To enable the students to apply the concepts of research, prepare a project proposal and write a good report.

**Project Outline:**

The students are required to conduct research in group of 4-6 members, by choosing a topic of their interest on any psychological issue under the supervision of their guides. The project consists of two parts each carried out in the fifth and sixth semesters. In the fifth semester, the students are required to orally present an original research proposal, where they discuss their research questions, literature review and methods to be used. In the sixth semester, the students are required to submit the project report.

**PROJECT MARKS BREAK- UP:**

<b>INTERNAL</b>		<b>EXTERNAL</b>	
Regularity	05	Report	50
Presentation	20	Viva voce	25
	....		....
Total	25	Total	75
	....		....

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Dr G R DAMODARAN COLLEGE OF SCIENCE (Autonomous), COIMBATORE- 641 014

B. Sc. PSYCHOLOGY

Effective from the academic year: 2019-2020

SIXTH SEMESTER

ELECTIVE II: HUMAN RESOURCE MANAGEMENT

**Objectives of the subject: To enable the students to understand...**

- The field of human resource management.
- The key concepts of human resource management.

**UNIT I: INTRODUCTION**

**(10 hours)**

Nature of Human Resource Management – Scope – Objectives – Importance - History and Evolution of Human Resource Management - Personnel Management: Functions & Roles - Personnel Manager.

**UNIT II: JOB ANALYSIS AND HUMAN RESOURCE PLANNING**

**(12 hours)**

**Job Analysis:** Uses – Process - Job Description - Job Specification - Role Analysis. **Human Resource Planning:** Objectives – Importance – Process - Effective HR Planning.

**UNIT III: RECRUITMENT, SELECTION AND PLACEMENT**

**(12 hours)**

Recruitment: Definition, Constraints and Challenges, Sources, Methods - Selection: Definition, Purpose, Process – Placement - **Induction:** Objectives.

**UNIT IV: INTERNAL MOBILITY AND TRAINING**

**(12 hours)**

Internal Mobility - Transfer: Purpose of Transfers, **Promotion**, Demotion - Employee Separations - **Training:** Need for Training, Types of Training - Training Methods.

**UNIT V: PERFORMANCE APPRAISAL AND INCENTIVES**

**(11 hours)**

**Performance Appraisal:** Definition – Objectives - Methods of Performance Appraisal - Problems with Performance Appraisal.

**Incentives:** Incentive Plans - Success and Failures of Incentive Plans - Fringe Benefits.

**Text Book:**

Rao, V. S. P. (2010). *Human Resource Management- Text and Cases*, 2<sup>nd</sup> Ed. New Delhi: Excel Books.

**Reference Books:**

Mathis, R. L., Jackson, J. H., Valentine, S. R., & Meglisch, P. A. (2016). *Human Resource Management*. 15<sup>th</sup> Ed. Cengage Learning.

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