

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 17 : Experimental Psychology (No Theory only Practical)

Course (Paper) Unique Code CORE 1601270101061700

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-17	Experimental Psychology (No Theory only Practical)	03	00	100	100	

Course Outline : [Any Five Practical are to performed and reported to Journal)

- ~ Division of Attention
- ~ Studies of Suggestion through Progressive Weight Methods
- ~ Meaningfulness and Learning
  - ~ Problem Solving
  - ~ Mirror - Drawing
  - ~ Compression of Control and Free Association
  - ~ Fluctuations of Attention
  - ~ Comparative study of the Method of Rank order and paired Comparison though Color Preference

Reference :

- ~ Experimental in Psychology by Postman I. and J. P. Egn., Harper and Row, New York
- ~ Experimental Psychology : Woodworth, Oxford Press 1971
- ~ Prayogik Manovigyan : Dr. S.C. Kanawala, University Granth Nirman Board
- ~ Experimental Psychology : Dr. I.D. Gujarati
- ~ મનોવિજ્ઞાનિક પ્રયોગો – માનસ પ્રકાશન
- ~ મનોવિજ્ઞાનના પ્રયોગ – અખિલ સિન્હ પ્રકાશન
- ~ પ્રગત પ્રયોગિક – યુનિ. ગ્રંથનિર્માણ બોર્ડ
- ~ પ્રગત પ્રયોગિક – ભોપટકર

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 18 : Research Methods & Statistics - II

Course (Paper) Unique Code CORE 1601270101061800

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-18	Research Methods & Statistics - II	03	30	70	100	

### Course Objectives:

This course should help Students:

1. To impart knowledge about the Methodology of Psychology
2. To make students understand the nature and course of various Methods of Psychology

### Course Outline :

#### Unit-1 : Sampling Method

- ~ Introduction
- ~ Meaning of Universe and Sample
- ~ Sampling Methods

#### Unit : 2 Questionnaire Method

- ~ Meaning of Questionnaire
- ~ Foundation of Questionnaire
- ~ Subject Matter of Question
- ~ Impotent of Words in Question
- ~ Limitations and Benefit of Questionnaire

#### Unit : 3 Interview Method

- ~ Meaning of Interview
- ~ Types of Interview
- ~ Work of Interviewer Officer

#### Unit : 4 A Measures of Dispersion

- ~ Calculation of Quartile
- ~ Explain the Quartile Deviation and Standard Deviation
- ~ Calculation of Quartile Deviation
- ~ Long and Short Methods of Calculating S.D. From Grouped and Unground Data
- ~ Utility of Quartile Deviation and Standard Deviation

#### Unit : 5 Correlations

- ~ What is Correlation ? Interpretation of Coefficient of Correlation
- ~ Rank Correlation

## Unit-6 : T-test

~ Null Hypothesis and Significance Level

~ Testing of Significance (When mean is not Correlated and Large Sample) by SEM Methods

(Only one Method)

~ T-test સાર્થકતાની ચકાસણી (જ્યારે નિદર્શ મોટો (૨૦ થી મોટો) હોય અને મધ્યક અસહસંબંધિત હોય) મધ્યક અને પ્રમાણ વિચલન પરથી (ફકત એક જ પદ્ધતિ)

નોંધ : T-test સંશોધન કર્યા પછી ગણતરી કરવામાં ઉપયોગી હોવાથી તેની સમજૂતિ આપવી.

જેમના માટે સૂત્ર નીચે પ્રમાણે છે.

૧. શૂન્ય અટકળ બાંધવી.

૨. પ્રમાણ ભૂલનું સૂત્ર :

$$\delta Dm = \sqrt{\frac{\delta^2 1}{N_1} + \frac{\delta^2 2}{N_2}}$$

૩. t- સૂત્ર :-

$$t = \frac{M1 \times M2}{\delta Dm}$$

નોંધ : જે મધ્યક મોટી હોય તેમાંથી નાનો મધ્યક બાદ કરી ' t ' શોધો.

૪. સ્વાતંત્ર્યની માત્રા માટેનું સૂત્ર :

$$df = N1 + N2 - 2$$

૫. નિરાકરણ :

૧. " t " ની શોધેલી કિંમત કોષ્ટકની કિંમત કરતાં મોટી હોય તો બે મધ્યક વચ્ચેનો તફાવત સાર્થક ગણાય અને શૂન્ય અટકળ અસ્વીકાર્ય બને.
૨. પણ જો " t " ની શોધેલી કિંમત કોષ્ટકની કિંમત કરતા નાની હોય તો બે મધ્યક વચ્ચેનો તફાવત અસાર્થક ગણાય અને શૂન્ય અટકળ સ્વીકાર્ય બને.

Reference :

- ~ Fundamental Statistics in Psychology and Education By Guilford P.
- ~ Statistics in Psychology Research – By Suresh Parekh
- ~ Method of Experimental Psychology – By Zimmy G. N.
- ~ Seltiz Jahoda, Deutch, Cook : "Research Methods in Behavioral Science" \, New York, 1953
- ~ Festinger and Katz : "Research Methods in Behavioral Science"
- ~ Kerlinger F. N. : "Foundation of Behavioral Research" 5<sup>th</sup> Edition 2000, Delhi
- ~ Kothari C.R. : "Research Methodology" 2<sup>nd</sup> Edition New Delhi, Wishwa Prakashan
- ~ B.F. Anderson : "Experimental Psychology"

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 19 : Physiological Bases of Behaviours

Course (Paper) Unique Code CORE 1601270101061900

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-19	Physiological Bases of Behaviours	03	30	70	100	

### Course Objectives:

This course should help Students:

1. Imparting basic information regarding the fundamental Physiological basics of Behaviours
2. Getting a basic outline of Nervous System in connection with behaviour.
3. Providing basic information regarding the science of genetics.
4. Understanding proper genetic analysis of human behaviour.

Course Outline :

Unit-1 : Physical bases of Perception

- ~ Introduction
- ~ Visual Perception
- ~ Auditory Perception
- ~ Test and Small Perception
- ~ Skin Perception

Unit : 2 Physical bases of Motivation

- ~ Introduction
- ~ Hunger Motivation
- ~ Thrust Motivation
- ~ Rest and Sleep Motivation (In Short)
- ~ Sexual Motivation (In Short)

Unit : 3 Physical bases of Emotion

- ~ Introduction
- ~ Meaning of Emotion
- ~ Emotion and Autonomic Nervous System
- ~ Lie Detector

Unit : 4 Physical bases of Adoptive Behaviour

- ~ Physical bases of Learning
- ~ Physical bases of Memory
- ~ Physical bases of Thinking

Unit : 5 Physical bases of Personality

- ~ Intelligence
- ~ Feeble and Mindedness
- ~ Improving Intelligence
- ~ Drug and Personality
- ~ Psychosomatic and Psychotherapeutic Medicines

Reference :

- ~ Morgan C.T. : "Physiological Psychology" 1963, M. C. Graw Hill Book Company
- ~ M.A. Wenger, "Physiological Psychology" Jones and Jones, 1976
- ~ Deutch and Deutch, "Physiological Psychology"
- ~ Carlson N.R. "Foundations of Physiological Psychology" Bustin Allyand, Bacon, 1988
- ~ Thomppson R.E. "Introduction Physiological Psychology" Harper & Row Publication.
- ~ Kapadiya U. "Physiological Psychology"
- ~ शरीरवर्गी मनोविज्ञान - डॉ. जमनादासजी कपनी, शाह पठेव, लावाण, १९६६, १९६

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 20 : Abnormal Psychology (Therapies)

Course (Paper) Unique Code CORE 1601270101062001

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-20	Abnormal Psychology (Therapies)	03	30	70	100	

### Course Objectives:

This course should help Students:

1. Teaching a student the basic concept of Abnormal Behaviour.
2. To impart knowledge of Psychosomatic disorders.
3. To impart knowledge of various disorders.

### Course Outline :

Unit-1 : Introduction of Clinical Diagnosis

- ~ Introduction of Clinical Diagnosis
- ~ Types of Clinical Diagnosis
- ~ Important of Clinical Diagnosis

Unit : 2 Psychotherapy

- ~ Introduction
- ~ Meaning Goal of Psychotherapy
- ~ Methods of Psychotherapy
  1. Karl Rogers      2. Froude      3. Allis

Unit : 3 Physical Therapy

- ~ Introduction Meaning
- ~ Convulsive Therapy
  1. Insulin Coma Therapy      2. Electroconvulsive Shock Therapy
- ~ Pharmacy Therapy
- ~ Neurosurgery

Unit : 4 Mental Health

- ~ Meaning of Mental Health
- ~ Characteristics of Healthy Person
- ~ Rules of Mental Health

Unit : 5 Indian Treatment Therapy

- ~ Meditation
- ~ Yoga
- ~ Water Therapy

Reference :

- ~ Carson, Batcher and Mineka, "Abnormal Psychology and Modern Life" 11<sup>th</sup> Ed.
- ~ Coleman J.C. "Abnormal Psychology and Modern Life" 7<sup>th</sup> Ed. Bombay, D.B. Torporevala Sons & Co. P. Ltd.
- ~ Patel Mafatlal, "Asadharan Manovigyan" 4<sup>th</sup> Ed. University Granth Nirman Board, Ahmedabad
- ~ અસાધારણ મનોવિજ્ઞાન – યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ, ડૉ. મફતલાલ પટેલ
- ~ અસાધારણ મનોવિજ્ઞાન – બી. એસ. શાહ પ્રકાશન
- ~ ચિકિત્સા મનોવિજ્ઞાન ભાગ ૧-૨ યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ – કુસુમબેન ભટ્ટ
- ~ વિકાસાત્મક મનોવિજ્ઞાન યુનિવર્સિટી ગ્રંથ નિર્માણ બોર્ડ – યોગેન્દ્રભાઈ કે. દેસાઈ, રાજકોટ
- ~ મકોઢયઅ અને મનોરોગશાસ્ત્ર, સુચિતા પ્રકાશન – ડૉ. સુરેશ પારેખ, ડૉ. દિનેશ ડઢાણીયા,  
ડૉ. જયેન્દ્ર જાવસાણીયા

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 20 : Counseling Psychology - II

Course (Paper) Unique Code CORE 1601270101062002

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Elective	ECT-20	Counseling Psychology - II	03	30	70	100	

### Course Objectives:

This course should help Students:

1. Familiarizes students with nature and process of counselling
2. Know the major theories and techniques and exposes students to the different field of application of counselling

Course Outline :

Unit-1 : Approaches of Counseling

- ~ Psychoanalysis
- ~ Self Approach
- ~ Behavioral Approaches

Unit : 2 Counseling Process

- ~ Meaning of Counseling Process
- ~ Stage of Counseling Process
- ~ Effective variable of Counseling Process

Unit : 3 Indian Contributions in Counseling

- ~ Indian Contribution in Counseling
- ~ Yoga
- ~ Mediation

Unit : 4 Child Counseling

- ~ Family Counseling
- ~ Counseling in Schools
- ~ Career Counseling

Unit : 5 Alcohol and Drug Abuse

- ~ Alcohol and Drug Abuse
- ~ Group Counseling
- ~ Crisis Intervention Counseling



Reference :

- ~ George R. L. and Cristani T.S. : Counseling Theory and Practice Allynond Bacon, Boston, 4<sup>th</sup> Ed. 1995
- ~ Corey G. : Theory & Practice of Counseling, W.G. Brown Pub. 1988 Ed.
- ~ Belkin, "Introduction to Counseling Psychology" Holt Rinehart, N.Y. 1994
- ~ S. Patel : "Salah Manovigyan" University Granth Nirman Board, 3<sup>rd</sup> Edition 2001

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 21 : Industrial Psychology - II

Course (Paper) Unique Code CORE 1601270101062101

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-21	Industrial Psychology - II	03	30	70	100	

### Course Objectives:

This course should help Students:

1. Understand the basic concepts of Industrial Psychology
2. To impart knowledge of individual differences.
3. To impart knowledge of job satisfaction, Productivity, Industrial Motivation

Course Outline :

Unit-1 : Individual Differences

- ~ Meaning of Individual Differences
- ~ Nature
- ~ Importance in Industrial Sector
- ~ Effect of Training of Individual Differences

Unit : 2 Psychological Test

- ~ Mining and Definition of Psychological Test
- ~ Nature of Standard Psychological Test
- ~ Utility of Psychological Test Industrial Field

Unit : 3 Utility and Psychological Test

- ~ Aptitude and Achievement Test and its Utility
- ~ Personality and Interest Test and its Utility

Unit : 4 Job Satisfaction

- ~ Introduction
- ~ Factor affecting of Job Satisfaction
- ~ Industrial Moral
- ~ How to boost up Moral of the Workers ?

Unit : 5 Accidents

- ~ Introduction
- ~ Nature and Causes of Accident
- ~ What is Accident Proneness ?
- ~ Factors Affecting Accident Proneness
- ~ Prevention – Reduction of Accidents

Reference :

- ~ Robbins. S.P. (2000). Organization Behavior, Concepts Controversies and Applications VII Edition, New Delhi Prentice Hall of India
- ~ Pfeffer, J. (1993). Competitive advantage through people, Unleashing the Power of Work Force. Boston Harvard Business School Press
- ~ Dunnette M.D. & Hough, J.M. (1992). Handbook of Industrial and Alternatively, Generational Psychology, (2<sup>nd</sup> Edition) Palo Alto : Consulting Psychology Press
- ~ Cummings, I.I. & Staw, B.M. (ads.) (1999). Research in Organizational Behavior, Greenwich CT; JAI Press

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 21 : Psychological Essays-II

Course (Paper) Unique Code CORE 1601270101062102

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Elective	ECT-21	Psychological Essays-II	03	30	70	100	

Course Outline : [ANY TWO]

1. Propaganda
2. Memory
3. Mental Health
4. Sexual Disorder
5. Personality

Reference :

- ~ B. Kuppaswamy : "Social Psychology Challenge"
- ~ મનોવૈજ્ઞાનિક નિબંધો : સી. જમનાદાસની કંપની - શેઠ, પાઠક, ગાંધી, પાઠક, રાજપુત, શાહ

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 22 : Educational Psychology - II

**Course (Paper) Unique Code CORE 1601270101062201**

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Core	CCT-22	Educational Psychology - II	03	30	70	100	

### Course Objectives:

This course should help Students:

1. Understanding the application of Psychological principles in the process of education
2. Develop skills of analysis and synthesis of theoretical approaches to education
3. Critically evaluate various applications of psychology in educational settings.

### Course Outline :

#### Unit-1 : Transfer of Training

- ~ Meaning of Transfer of Training
- ~ Experimental Studies of Transfer of Training
- ~ Theory of Transfer of Training
- ~ Important of Transfer of Training

#### Unit-2 : Individual Differences

- ~ What is Individual Difference ?
- ~ Nature of Individual Differences
- ~ Individual Difference and their Educational Significance
- ~ Teacher's Roll among Individual Differences

#### Unit-3 : Character Developments

- ~ Definition of Character ?
- ~ Importance of Character in Education
- ~ Roll of Family and School in Character Development

#### Unit-4 : Learning and Discipline & Creative Thinking

- ~ Learning and Discipline
- ~ Discipline – Meaning Nature
- ~ Discipline Problems in Class Teaching, Its Formatting
- ~ Creative Thinking – Meaning, Stapes

Unit-5 : Mental Health, Guidance and Educational Evaluation

- ~ Definition of Mental Health
- ~ Mental Health of Students and Teacher
- ~ Meaning, Nature and Importance of Guidance
- ~ Tools and Theory of Guidance
- ~ Techniques and Limitation of Educational Evolution

Reference :

- ~ Psychological Foundations of Education – Bigge & Hunt – Haper International Student Reprint.
- ~ Psychology & Teaching – 2<sup>nd</sup> Ed. Morse & Wingo D. B. Taraporwala
- ~ Elements of Educational Psychology – Skinner – Asian Student Edition Asia Publishing House – Bombay
- ~ Educational Psychology – Lee. J. Cronback Ruport – Hear – Davis 3 Upper James Street.
- ~ Educational Psycho & Guidance – Bhatia & Safaree – Dhanpatrai & Sons, Lullunder, Delhi
- ~ Advance Educational Psychology, C. Edited – B. K. Kuppeeswamy, University Publishers, Delhi-6.
- ~ Educational Psychology – Shah Pandya – Granth Nirman Board, Ahmedabad
- ~ Introduction of Educational Psychology : Dr. B. A. Parikh, Popular Prakashan, Surat.
- ~ Outline of Educational Psychology Crow Little Field Admas & Co. Patterson, New Jersey.

# FACULTY OF ARTS

## Syllabus

Subject: PSYCHOLOGY  
Course (Paper) Name & No. 22 : Psychology of Sexual Behavior

**Course (Paper) Unique Code CORE 1601270101062202**

External Exam Time Duration:

Name of course	Semester	Core/Elective/ Allied/Practical /Project	Course/P aper code	Course/Paper Title	Credit	Internal Marks	External Marks	Total Exam Marks	External Exam Time Duration
T.Y.B.A.	VI	Elective	ECT-22	Psychology of Sexual Behavior	03	30	70	100	

Course Outline :

Unit-1 : Introduction to Sexuality

- ~ Introduction
- ~ Human Sexuality
- ~ Education of Human Sexuality
- ~ Need for Education in Human Sexuality
- ~ Sexual Relations

Unit-2 : Male Sex Organs

- ~ Introduction
- ~ Structure and Function
  - ~ External      ~ Internal
- ~ Structure of Seminal
- ~ Male Sex Hormones

Unit – 3 Female Function

- ~ Structure and Function
- ~ External      ~ Internal
- ~ Ovulation and Menstruation
- ~ Female Sex Hormones

Unit – 4 Art of Sex

- ~ Introduction
- ~ Coital Process
- ~ The Defloration
- ~ Foreplay
- ~ Orgasm
- ~ Coital Positions

#### Unit – 5 Deviant Sexual Behaviour

- ~ Normal Versus Deviant Sexual Behaviour
- ~ Fetishism
- ~ Transvestism
- ~ Exhibitionism
- ~ Voyeurism
- ~ Sexual Masochism and Sexual Sadism
- ~ Rape
- ~ Prostitution

#### Reference :

- ~ જાતિયતાનું મનોવિજ્ઞાન, ગુજરાત ગ્રંથ નિર્માણ બોર્ડ, અમદાવાદ
- ~ Sexual Behaviour - Crow Little Field Admas & Co. Patterson, New Jersey.
- ~ Psychology of Sex – Dr. R. G. Parmar, 2016