



**Nagindas Khandwala College (Autonomous)**

**Name of the Programme: Bachelor in Arts (B.A)**  
**Programme Code : UBA**

**PROGRAMME OBJECTIVES**

- PO – 1:** Learners will be able to demonstrate detailed knowledge of multiple disciplines such as Economics, Geography and Psychology and be able to pursue higher education in their chosen discipline
- PO – 2:** Learners will be able to have advanced reading, writing, speaking and composition skills in two languages (English and Hindi/French)
- PO – 3:** Learners will be able to be eligible for employment in diverse areas such as corporate sector, government, education, tourism and NGOs
- PO – 4:** Learners will be able to understand and apply basic research methods including data analysis and interpretation
- PO -5:** Learners will be able to develop ethical value systems, awareness about gender issues, holistic health and environmental sustainability

**PROGRAMME OUTCOMES FOR BA PROGRAMME**

After completing three years of Bachelors of Arts (B.A.) program, the learners will:

- PO – 1:** demonstrate detailed knowledge of multiple disciplines such as Economics, Geography and Psychology and be able to pursue higher education in their chosen discipline
- PO – 2:** be able to have advanced reading, writing, speaking and composition skills in two languages (English and Hindi/French)
- PO – 3:** be eligible for employment in diverse areas such as corporate sector, government, education, tourism and NGOs
- PO – 4:** be able to understand and apply basic research methods including data analysis and interpretation
- PO -5:** develop ethical value systems, awareness about gender issues, holistic health and environmental sustainability

**PSO- Psychology**

On completion of the undergraduate program the learner should be able to demonstrate the following skills:

- PSO-1:** Demonstrating the ability to apply psychological knowledge to prevent and solve



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human problems existing at individual, group and societal levels and develop related skills that promote human welfare, and optimal human functioning

**POS- 2:** Competence and the ability to use computers and other technology such as e-resources and social media for contributing to new learning approaches and learning preferences

**POS-3:** Recognize, understand, and respect the complexity of sociocultural and international diversity.

**PSO- Economics**

On completion of the undergraduate program the learner should be able to:

**PSO- 1:** get a clear understanding and firm foundation of basic economic concepts and theories

**PSO- 2:** understand basic tools of decision making

**PSO- 3:** analyse the relative significance and problems of the different sectors of the Indian economy and suggest policy measures

**PSO- 4:** analyse the changing role of the Government in an economy and reforms introduced in this era of globalization

**PSO- Geography**

**PSO 1:** Acquiring knowledge of Physical Geography and Human Geography

**PSO 2:** Understanding population, regional disparities, socio-cultural diversities and identifying economic and tourism opportunities

**PSO 3:** Handling statistical data and application of GIS and modern Geographical Map Making Techniques

**PSO 4:** Creating awareness about the hazards and disasters to which the subcontinent is vulnerable; and their management.

**Semester I**

**1. Communication Skills in English- I**  
**2011UACS**



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**Course Objective**

- 1.To enable the students to identify the different components of effective communication.
- 2.To enable the student to identify and explain the different ways in which effective communication can be hindered.
- 3.To enable the students to analyze the given context and accordingly compose the required message without any errors.
- 4.To equip students with the tools required for distinguishing between clear and ambiguous communication.

**Course Outcome**

After the successful completion of the course the students will be able to:

**CO1:** Recognise and list the standard components and practices of Standard English. (Remember)

**CO2:** Illustrate their comprehension of a given text. (Understand)

**CO3:** Identify a given situation and accordingly formulate the appropriate form and content of the required piece of communication. (Remember)

**CO4:** Assess literary prose texts and support their opinions about those texts. (Evaluate)

**2.Foundation Course I**  
**2012UAFC**

**Course Objective**

- 1.To enhance the understanding of the Constitution of India and recognise the role played by Dr. B. R. Ambedkar in the making of the Constitution.
2. To enable learners to identify Human Rights Issues and list the steps involved in filing
3. Right To Information applications and Public Interest Litigation.
4. To help learners describe the political system in India.
5. To help learners summarize gender issues.

**Course Outcome**

After successful completion of the course the learners will be able to:

**CO1:** Recognise the importance of the Constitution of India as well as the exemplary contribution of Dr. B.R. Ambedkar. (Remember)

**CO2:** List the different types of human rights and recall the procedure for using the Right to Information Act and filing a **CO3:** Public Interest Litigation. (Remember)

**CO4:** Explain the political processes of our country. (Understand)

**CO5:** Interpret and illustrate gender issues. (Apply)



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### **3. GEOMORPHOLOGY** **2013UAGE**

#### **Course Objectives:**

- 1.To identify the natural processes which act on the earth's surface and the landforms
- 2.To illustrate landforms, rocks, and interior of the earth with diagrams
- 3.To apply the gained knowledge for further studies related to process in landform formation
- 4.To critically analyse the few theories related to the past distribution of continents and ocean

#### **Course Outcome**

**CO1:** Learners will be able to identify the natural processes which act on the earth's surface and the landforms (Knowledge)

**CO2:** Learners will be able to illustrate landforms, rocks, and interior of the earth with diagrams (Comprehension)

**CO3:** Learners will be able to apply the gained knowledge for further studies related to process in landform formation (Application)

**CO4:** Learners will be able to critically analyse the few theories related to the past distribution of continents and ocean (Analysis)

### **4.FUNDAMENTALS OF PSYCHOLOGY – I** **2014UAPS**

#### **Course Objectives:**

1. The course is designed to attract and encourage learners into the field and to understand basic concepts to stimulate their thinking.
2. To promote self-understanding and positive change.
3. To Guide them in terms of potential future career in Psychology.

#### **Course Outcome**

On successful completion of this course, learners should be able to:

**CO1:** Discuss the evolution of psychology and major pioneers in the field; (Understand)

**CO2:** Identify various approaches, fields and subfields of psychology; and name the scientific methods to psychology. (Remember)

**CO3:** Identify the basic structure and function of a neuron and how messages travel through the neuron; role of the nervous system, endocrine systems, different parts of the brain on personality and behaviour. (Remember)

**CO4:** Describe the terminology and process of learning through various theories of learning (Understand)



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- CO5:** Apply the principles of learning to bring change in behaviour. (Apply)  
**CO6:** Describe the process of memory, theories of memory and forgetting; (Understand)  
**CO7:** Apply the memory-enhancing techniques in everyday life. (Apply)  
**CO8:** Calculate simple statistical techniques such as mean, median, mode, frequency distribution, and graphical representation of data. (Analyze)

**5.MICRO ECONOMICS – I**  
**2015UAEC**

**Course Objectives:**

1. To introduce the learners to elementary concepts in microeconomics.
2. To provide a clear understanding and firm foundation of basic microeconomic problems and tools.
3. To analyse Demand in the concept of national, regional and local development needs.
4. To analyse Supply and thereby Market equilibrium and Price determination.
5. To understand the relevance of microeconomics to the real world as well as ethical issues and human values by studying Price Ceilings and floors.

**Course Outcome**

- CO1:** The learner will be able to memorize elementary concepts in microeconomics. (Level: Knowledge)  
**CO2:** The learner will be able to understand basic microeconomic methods and tools. (Level: Comprehension)  
**CO3:** The learner will be able to demonstrate the derivation, movements along and shifts of demand curves and compute elasticity of demand. (Level: Application)  
**CO4:** The learner will be able to analyse Supply, Market equilibrium and Price determination. (Level: Analysis)

**Semester II**

**1. Communication skills in English**  
**2021UACS**

**Course Objective:P**



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- 1.To enable the students to identify the use of the English Language for contemporary academic and corporate needs, with a focus on Group Communication and Business to Business Level of Communication.
- 2.To enable the students to recognize the different types of interviews they could face in their career, and to help them memorize the advantages and disadvantages of using interviews as a selection tool.
- 3.To enable the students to evaluate a Public Relations Crisis and design the best Communication Strategy to remedy the situation.
- 4.To enable students to arrange relevant information in the appropriate format without any errors.

#### **Course Outcome**

After the successful completion of the course the students will be able to

- CO 1:** recognise rules of Standard English (Remember)
- CO 2:** categorising words and phrases appropriately, at an advanced level (Understand)
- CO 3:** analyse the appropriate form and content of the required piece of communication for any situation. (Analyse)
- CO 4:** describe known and unknown fiction and poetry (Understand)
- CO 5:** effectively describe what they have comprehended. (Understand)

## **2. FOUNDATION COURSE – II** **2022UAFC**

#### **Course Objective:**

- 1.To appraise the relevance of Indian Culture and analyse social issues.
- 2.To develop an awareness of human values and ethics among the learners.
- 3.To determine the various aspects of education and health.
- 4.To familiarise the students with the effects of disasters and describe the means to mitigate it.

#### **Course Outcome**

After successful completion of the course the learner will be able to:

- CO1:** Discuss the importance of Indian Culture and associate the factors responsible for various social issues. (Understand)
- CO2:** To describe the classification and relevance of human values and ethics. (Understand)
- CO3:** To explain the various aspects of health and education. (Understand)



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**CO4:** To identify the consequences of disasters and list various mitigating measures.  
(Remember)

**3. HUMAN GEOGRAPHY**  
**2023UAGE**

**Course Objective:**

- 1.To identify evolution of human geography and the branches of human geography such as economics-geography, social geography, population geography etc.
2. To explain settlement geography and its basic concepts such as – types of settlements, classification etc
3. To discover concept of population growth and its distribution in context of geographical factors, concept of demographic transition, concept of under and over population
4. To associate migration, its causes and consequences on urbanization

**Course Outcome**

- CO 1 Learners will be able to identify evolution of human geography and the branches of human geography such as economics-geography, social geography, population geography etc.(Knowledge)
- CO 2 Learners will be able to explain settlement geography and its basic concepts such as – types of settlements, classification etc (Comprehension)
- CO 3 Learners will be able to discover concept of population growth and its distribution in context of geographical factors, concept of demographic transition, concept of under and over population(Application)
- CO 4 Learners will be able to associate migration, its causes and consequences on urbanization (Analysis)

**4. FUNDAMENTALS OF PSYCHOLOGY – II**  
**2024UAPS**

**Course Objective:**

- 1.The course is designed to attract and encourage learners into the field and to understand basic concepts to stimulate their thinking.
- 2.To promote self-understanding and positive change.
- 3.Guide them in terms of potential future career in Psychology.

**Course Outcome**



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On successful completion of this course, learners should be able to:

**CO1:** recognise the components of personality; major theories of personality development; and the use and purpose of personality tests. (Remember)

**CO2:** describe motivation, emotion and related theories of motivation and emotion; different types of motives; influence motivation and emotion on personality and behaviour. (Understand)

**CO3:** describe stress, its impact on the body, common stressors; methods to cope with stress and enhance wellbeing and mental health of self and others. (Understand)

**CO4:** identify symptomatology of psychological disorders explained in DSM 5. (Understand)

**CO5:** calculate simple statistic such as range, interquartile range, quartile deviation and standard deviation. (Analyse)

**5. MACROECONOMICS I**  
**2025UAEC**

**Course Objective:**

- 1.To identify basic macroeconomic concepts.
2. To describe the Classical and Keynesian Theories of Income and Employment.
3. To discover the changing role of the Government and the different instruments of Public Finance in an economy.
- 4 To analyze the basic concepts of international trade and Balance of Payments.

**Course Outcome**

**CO 1:** The learner will able to identify basic macroeconomic concepts. (Level: Knowledge)

**CO 2:** The learner will able to describe the Classical and Keynesian Theories of Income and Employment. (Level: Comprehension)

**CO 3:** The learner will be discover the changing role of the Government and the different instruments of Public Finance in an economy. (Level: Application)

**CO 4:** The learner will be able to analyze the basic concepts of international trade and Balance of Payments. (Level: Analysis)

**Semester III**

**1. ADVERTISING I – FUNDAMENTALS OF ADVERTISING**  
**2038UAAD**

**Course Objective:**





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To get students acquainted with –

- 1.Fundamentals of advertising
- 2.Different roles of advertising in marketing, economy and society
- 3.Developments and issues concerning contemporary advertising
- 4.The regulatory framework of advertising
- 5.Advertising in India

**Course Outcome**

- CO1: Explain basic understanding to the learners about concept and role of advertising in the modern business (Understand)  
CO2: Demonstrate familiarity with the components of Integrated Marketing Communication (Apply)  
CO3: Understand the Classification of Advertising (Understand)  
CO4: Analyse the impact of Advertising on costs and prices (Analyse)  
CO5: Analyse the unethical practices in advertising (Analyse)  
CO6: Design regulatory framework to address the issues of unethical practices in advertising (Create)

**2. FOUNDATION COURSE – III (CONTEMPORARY INDIA : 1947-2000 A.D)  
2031UAFC**

**Course Objective:**

- 1.To explain the various social, economic and political developments in India immediately following its independence.
- 2.To help the students recognise the relevance of the Emergency Era and the importance of the period immediately following it.
- 3.To enable students to identify the issues affecting contemporary India and list the achievements.
- 3.To help students define the principles of foreign policy of independent India.

**Course Outcome**

After successful completion of the course the learners will be able to:

- CO1:**Describe the socio-economic and political climate of the Nehruvian and Post Nehruvian era, (Understand)  
**CO2:**Explain the important personalities and events associated with the Emergency and Post-Emergency Era. (Understand)  
**CO3:** Identify the various contemporary issues and achievements of modern India. (Remember)  
**CO4:** Identify the principles of foreign policy of independent India. (Remember)



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**3. MICROECONOMICS II**  
**1732UAEC**

**Course Objective:**

1. To identify the different approaches to Utility.
2. To illustrate the different Production Functions.
3. To demonstrate Cost and Revenue concepts.
4. To analyse different market structures.

**Course Outcomes**

**CO 1:** The learner will be able to identify the different approaches to Utility. (Level: Knowledge)

**CO 2:** The learner will be able to illustrate the different Production Functions. (Level: Comprehension)

**CO 3:** The learner will be able to demonstrate Cost and Revenue concepts. (Level: Application)

**CO 4:** The learner will be able to analyse different market structures. (Level: Analysis)

**4. AN INTRODUCTION TO CLIMATOLOGY**  
**1734UAGE**

**Course Objective:**

1. To recall the basic concepts of weather and climate
2. To describe essential background for further studies in weather and climate
3. To discover the fundamentals of atmospheric phenomena, global climate and climate change.
4. To analyse climate with the help of weather maps

**Course Outcome**

**CO 1:** Learners will be able to recall the basic concepts of weather and climate like spatial distribution of temperature and rainfall (Knowledge)

**CO 2:** Learners will be able to describe essential background for further studies in weather and climate (Comprehension)

**CO 3:** Learners will be able to discover the fundamentals of atmospheric phenomena, global climate, and climate change. (Application)

**CO 4:** Learners will be able to analyse climate with the help of weather maps and its symbols (Analysis)



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### **5. SOCIAL PSYCHOLOGY** **1736UAPS**

#### **Course Objective:**

- 1.To impart knowledge of the basic concepts and modern trends in Social Psychology.
- 2.To foster interest in Social Psychology as a field of study and research.
- 3.To make the students aware of the applications of the various concepts in Social Psychology in Indian context.

#### **Course Outcome**

On completion of this course, the learner will be able to:

- CO1:** Describe the scope of social psychology, its importance in the modern world (Understand)
- CO2:** Measure trends in Social Psychology by conducting research in an ethical manner. (Analyse)
- CO3:** Explain how we think and organize information about our social world. (Understand)
- CO4:** Discuss the various factors that influence people's behavior. (Understand)
- CO5:** Describe how attitudes are formed and how they can be changed. (Understand)
- CO6:** Describe how stereotypes and prejudices shape our behavior (Understand)
- CO7:** Apply knowledge of stereotypes to improve their social relationships. (Apply)

### **6. Indian Economy – Contemporary Concern** **1733UAEC**

#### **Course Objective:**

- 1.To identify the issues involved in the recent demonetisation in India.
- 2.To describe the changing fiscal framework and federalism as well as the concept of Smart Cities for global, national and local developmental needs.
- 3.To discover the case in favour of and against Universal Basic Income.
- 4.To analyse the concept of Convergence with respect to income, health and fertility.

#### **Course Outcome**

- CO 1:** The learner will be able to identify the issues involved in the recent demonetisation in India. (Level: Knowledge)
- CO 2:** The learner will be able to describe the changing fiscal framework and federalism as well as the concept of Smart Cities for global, national and local developmental needs. (Level: Comprehension)



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**CO 3:** The learner will be able to discover the case in favour of and against Universal Basic Income. (Level: Application)

**CO 4:** The learner will be able to analyze the concept of Convergence with respect to income, health and fertility. (Level: Analysis)

**7. Physical Geography of India**  
**1735UAGE**

**Course Objective:**

- 1.To recognize the importance of relationship of physical setup of India and dependance of man's activities on it
- 2.To explain knowledge about physical set of India to solve the problems of rapid growth of population
- 3.To predict the impact of human activities on natural resources
- 4.To determine the measures that can be undertaken to solve the problems with natural resources of India

**Course Outcome**

**CO 1:** Learners will be able to recognize the importance of relationship of physical setup of India and dependance of man's activities on it(Knowledge)

**CO 2:** Learners will be able to explain knowledge about physical set of India to solve the problems of rapid growth of population(Comprehension)

**CO 3:** Learners will be able to predict the impact of human activities on natural resources(Application)

**CO 4:** Learners will be able to determine the measures that can be undertaken to solve the problems with natural resources of India(Analysis)

**8. DEVELOPMENTAL PSYCHOLOGY**  
**1737UAPS**

**Course Objectives:**

- 1.To introduce students with various life-stages and the key developmental areas in each stage.
- 2.To familiarize students with various theories explaining life-span development and different empirical research methods.
- 3.Impart knowledge and develop a sound understanding of the basic concepts, principles, perspectives and modern trends in Developmental Psychology.
- 4.Observe behaviour of oneself and others from the context of critical challenges in the respective life-stage.

**Course Outcome**

On successful completion of this course, learners should be able to:



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- CO1:** Describe the different theories explaining the challenges faced by different people in different stages of their life span across geographies. (Understand)  
**CO2:** Discuss the development during prenatal stage including complications during pregnancy and appreciate the competencies of a neonate. (Understand)  
**CO3:** Recognize physical and cognitive development during infancy and different patterns of attachment with parents. (Remember)  
**CO4:** Identify important milestones during preschool years, development of gender identity and start of aggression. (Understand)  
**CO5:** Discuss about various psychological disorders including ADHD, changing paradigm of relationship with parents and peers during middle childhood. . (Understand)

**Semester IV**

**1. ADVERTISING: AGENCY AND MEDIA OPERATIONS**  
**1748UAAD**

**Course Objectives:**

- To get students acquainted with-
- Advertising planning and Budgeting practice
  - Creativity in advertising
  - The working and role of an ad agency
  - Media and aspects of media planning

**Course Outcome**

- CO1:** Analyse the complexities involved in planning and budgeting for advertising (Analyse)  
**CO2:** Describe the advertising format involving different creative elements (Understand)  
**CO3:** Create the advertisements by using various appeals (Create)  
**CO4:** Apply the techniques of testing the Ad effectiveness (Apply)  
**CO5:** Explain the working of an Ad Agency and its types (Understand)  
**CO6:** Define the types and characteristics of media (Remember)  
**CO7:** Analyse a media plan and schedule, keeping the objectives and budget in consideration. (Analyse)

**2. FOUNDATION COURSE – IV**  
**2041UAFC**

**Course Objectives:**

- 1.To make the learners recognise the significance of China and its foreign policy towards India.



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- 2.To make the learners recognise the significance of Japan and its foreign policy towards India.
- 3.To help the learners identify the developments in Burma (Myanmar), Indonesia and Vietnam from 1945 to 2000.
- 4.To explain the rise of Israel as a nation.

**Course Outcome**

After successful completion of the course the learner will be able to:

- CO1:** Recall key moments of Chinese history and define the state of the relationship between India and China. (Remember)
- CO2:** Identify important aspects of Japanese history, society, polity and economics and describe the state of Indo-Japanese relations. (Remember)
- CO3:** Explain significant developments in the recent history of Burma (Myanmar), Indonesia and Vietnam. (Understand)
- CO4:** Recall key aspects of the history, polity, society and economy (Remember)

**3.MACROECONOMICS II**  
**1842UAEC**

**Course Objectives:**

- 1.To define the various concepts of Money.
- 2.To explain the Macroeconomic aspects of Money market equilibrium relating to the LM Curve.
- 3.To discover the Macroeconomic aspects of Goods market equilibrium relating to the IS Curve.
- 4.To analyse the effectiveness of Monetary and Fiscal policies in IS-LM framework.

**Course Outcome**

- CO 1:** The learner will be able to define the various concepts of Money. (Level: Knowledge)
- CO 2:** The learner will be able to explain the Macroeconomic aspects of Money market equilibrium relating to the LM Curve. (Level: Comprehension)
- CO 3:** The learner will be able to discover the Macroeconomic aspects of Goods market equilibrium relating to the IS Curve. (Level: Application)
- CO 4:** The learner will be able to analyse the effectiveness of Monetary and Fiscal policies in IS-LM framework. (Level: Analysis)

**4. INTRODUCTION TO OCEANOGRAPHY**  
**1944UAGE**



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**Course Objectives:**

- 1.To memorise essential background of Oceanography
- 2.To discover the basic concepts related to oceans
- 3.To illustrate the fundamentals of various movements of ocean water, marine ecosystem, pollution and the influence of ocean in global climate change
- 4.To analyse the general characteristics of naval charts

**Course Outcome:**

**CO 1:** Learners will be able to memorise essential background of oceanography like origin, history, branches, etc. (Knowledge)

**CO 2:** Learners will be able to discover the basic concepts of ocean floor, temperature and salinity of ocean water (Comprehension)

**CO 3:** Learners will be able to illustrate the fundamentals of various movements of ocean water, marine ecosystem, pollution and the influence of ocean in global climate change (Application)

**CO 4:** Learners will be able to analyse the general characteristics of naval charts and bathymetric maps- features of marine navigation (Analysis)

**5.SOCIAL PSYCHOLOGY**  
**1746UAPS**

**Course Objectives:**

- 1.To impart knowledge of the basic concepts and modern trends in Social Psychology.
- 2.To foster interest in Social Psychology as a field of study and research.
- 3.To make the students aware of the applications of the various concepts in Social Psychology in Indian context.

**Course Outcomes:**

On completion of this course, the learner will be able to:

**CO1:** Describe how close relationships are formed. (Understand)

**CO2:** Explain how we influence others and are influenced by others. (Understand)

**CO3:** Discuss an understanding of people engaging in helping behaviour (Understand)

**CO4:** apply the knowledge of helping behaviour to promote prosocial behaviour in the society (Apply)

**CO5:** Explain the causes of violence in the society and ways to combat it. (Understand)

**CO6:** Describe cooperation and conflict in groups and apply this knowledge to improve the functioning of groups and teams. (Understand)

**CO7:** Recognize gender differences in social behaviour and how social behaviour varies across geographies (Remember)



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**6. DEVELOPMENT ISSUES OF MAHARASHTRA'S ECONOMY**  
**1843UAEC**

**Course Objectives:**

1. To recognize the basic development issues Maharashtra's economy.
2. To explain the scenario of tribal development and the reforms taken for the up gradation in Maharashtra.
3. To show the importance of water resources for the environment sustainability in Maharashtra
4. To analyze the scenario of health care facilities and the infrastructure availability for the connectivity in the state of Maharashtra.

**Course Outcomes**

**CO1:** The learner will be able to recognise the basic development issues Maharashtra's economy. (Level: Knowledge)

**CO2:** The learner will be able to explain the scenario of tribal development and the reforms taken for the up gradation in Maharashtra. (Level: Comprehension)

**CO3:** The learner will be able to show the importance of water resources for the environment sustainability in Maharashtra. (Level: Application)

**CO4:** The learner will be able to analyze the scenario of health care facilities and the infrastructure availability for the connectivity in the state of Maharashtra. (Level: Analysis)

**7. Agriculture Geography of India**  
**1945UAGE**

**Course Objectives:**

1. To recall the factors influencing agriculture in India
2. To explain the characteristics of agriculture in India
3. To discover about green revolution
4. To analyze the recent trends in agriculture

**Course outcome:**

**CO 1:** Learners will be able to recall the factors influencing agriculture in India like soil, climate, irrigation., etc. (Knowledge)

**CO 2:** Learners will be able to explain the characteristics of agriculture in India types, major crops, agro-climatic regions (Comprehension)

**CO 3:** Learners will be able to discover about green revolution, its need, importance, advantages, and disadvantages (Application)

**CO 4:** Learners will be able to analyze the recent trends in agriculture like biotechnology, machinery, etc. (Analyse)





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**8. DEVELOPMENTAL PSYCHOLOGY**  
**1747UAPS**

**Course Objectives:**

- 1.To introduce students with various life-stages and the key developmental areas in each stage.
- 2.To familiarize students with various theories explaining life-span development and different empirical research methods.
- 3.Impart knowledge and develop a sound understanding of the basic concepts, principles, perspectives and modern trends in Developmental Psychology.
- 4.Observe behaviour of oneself and others from the context of critical challenges in the respective life-stage.

**Course outcomes:**

On successful completion of this course, learners should be able to:

- CO1:** Describe significant physical and psychological changes during adolescence. (Understand)
- CO2:** Discuss theories of love, cohabitation, marriage and parenthood during early adulthood. (Understand)
- CO3:** Explain about career, work life, crises and issues during middle adulthood. (Understand)
- CO4:** Discuss the dynamics of aging, changes in cognitive abilities and issues like elder abuse faced during late adulthood. (Understand)
- CO5:** Describe the topic of death, dying, and practices of grief and bereavement in different cultures. (Understand)

**Semester V**

**Psychology**

**1. PSYCHOLOGICAL TESTING AND STATISTICS**  
**1851UATS**

**Course Objectives:**

- 1.To understand various psychometric concepts related to tests and test construction.
- 2.To become aware of new developments, ethical considerations, and controversies associated with psychological testing.
- 3.To get acquainted with popular objective and subjective tests used in the measurement of intelligence and personality.



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- 4.To create awareness about the application of when, where and how of psychological testing.
- 5.To develop an understanding of the basic statistical concepts to be applied in research methodology.

**Course Outcome:**

On successful completion of this course, learners should be able to:

- CO1:** Develop skills related to the critical evaluation of tests and assessment instruments. (Create)
- CO2:** Describe the basic assumptions regarding psychological tests, testing and norms. (Understand)
- CO3:** Identify the psychometric soundness of testing and assessment instruments on the basis of reliability. (Understand)
- CO4:** Identify the psychometric soundness of testing and assessment instruments on the basis of validity. (Understand)
- CO5:** Categorise different types of scores, different types of scales and organize data in the form of frequency distribution and graphical representation. (Analyse)
- CO6:** Calculate measures of central tendency of grouped data. (Analyse)

**2. ABNORMAL PSYCHOLOGY – V**  
**1852UAAB**

**Course Objectives:**

- 1.To impart knowledge and understanding of the basic concepts in Abnormal Psychology and the theories about Abnormality
- 2.To impart knowledge and understanding of the different Psychological Disorders – their symptoms, diagnosis, causes and treatment
- 3.To create awareness about Mental Health problems in society
- 4.To create a foundation for higher education and a professional career in Clinical Psychology

**Course Outcome:**

On successful completion of this course, learners should be able to:

- CO1:** Identify the major diagnostic criteria and characteristics of schizophrenia spectrum, other psychotic disorders, depressive and bipolar disorders, paraphilics, sexual dysfunctions, gender dysphoria, personality disorders and neurodevelopmental disorders as presented in the Diagnostic and Statistical manual of mental Disorders (Remember)
- CO2:** Describe the biological, psychological and sociocultural factors and theoretical perspectives related to the development and maintenance of different psychological disorders. (Understand)



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**CO3:** Discuss the current research and methodological issues in the study of abnormal behaviour. (Understand)

**CO4:** List the primary treatments for psychological disorders and discuss their effectiveness. (Remember)

**CO5:** Recognise ethical issues and problems of diagnosis and treatment. (Remember)

**CO6:** Differentiate diagnosis of various psychological disorders. (Analyse)

**CO7:** Apply knowledge of abnormal psychology in a manner that is sensitive to the diversity of individuals, including ethnic, gender and cultural diversity. (Apply)

**3.INDUSTRIAL PSYCHOLOGY**

**1853UAIP**

**Course Objectives:**

1.To introduce the students to the different concepts in the field of Industrial / Organizational Psychology.

2.To familiarize students with various aspects of workplace behavior.

3.To increase the understanding of the complicated systems of individual and group psychological processes involved in the world of work.

**Course Outcome:**

On completion of the course, the learner should be able to:

**CO1:** Describe the building blocks of a job and learn about methodologies to study jobs. (Understand)

**CO2:** Discuss how the science of human behaviour is used to select, develop, and manage employees in an ethical manner. (Understand)

**4. PRACTICAL IN COGNITIVE PROCESSES AND PSYCHOLOGICAL TESTING PAPER VIII**

**1855UAPT**

**Course Objectives:**

1.To expose learners to experimental designs, methodology, conduction of experiments, statistical analysis, interpretation, and discussion.

2.To introduce the learners to psychological testing: administration, scoring, and interpretation of test scores as well as a procedural understanding of concepts related to psychological testing.



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3.To familiarise the learners with computer- based experiments (Coglab) and sensitize them to aspects of control, precision of exposure, and measurement.

**Course Outcome:**

On successful completion of this course, learners should be able to:

- CO1:** Identify basic concepts, theories and experiments in research study. (Remember)
- CO2:** Identify variables of the study, operationalize unobservable cognitive processes and use them under controlled conditions for developing hypotheses. (Remember)
- CO3:** Recognize of the different types of research designs
- CO4:** Formulate a proper research design. (Apply)  
Conduct three specific experiments viz. Negative framing in sentence – picture verification experiment;
- CO5:** Reaction time and Levels of processing. (Apply)
- CO6:** Administrate, score and interpret of Dark Triad Personality scale (Analyse)
- CO7:** Use the concepts of reliability, validity for robust research findings. (Apply)
- CO8:** Apply descriptive and inferential statistics for data analysis. (Apply)
- CO9:** Compare a manually conducted and cog-lab short term memory experiment. (Apply)
- CO10:** Report in APA format various components of a research study on the experiment conducted. (Understand)
- CO11:** Develop an ability of critical thinking including respect for scientific data and ethical values. (Apply)

**5. COGNITIVE PSYCHOLOGY – VII**  
**1854UACO**

**Course Objectives:**

- 1.To impart knowledge and understanding of the fundamental concepts of Cognitive Psychology and the basic Cognitive processes
- 2.To create awareness about the various applications of Cognitive processes in everyday life and their applications in other fields of psychology
- 3.To provide the theoretical orientation and background for the courses on Practicum in Cognitive Processes
- 4.To create a foundation for higher education and a career in the field of Cognitive Psychology

**Course Outcome:**

On successful completion of this course, learners should be able to:



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**CO1:** Discuss the origins of Cognitive Psychology and the different research methods to understand human mental processes. (Understand)

**CO2:** Explain the core concepts in human cognition (e.g. perception, attention, and memory). (Understand)

**CO3:** Appreciate the key theories, models and experimental findings central to cognitive processes such as perception, attention, and memory. (Understand)

**CO4:** Outline the neuropsychological aspects of various human mental processes. (Understand)

**CO5:** Develop critical awareness about the classic and current experimental research and use of measurements tools relating to various cognitive processes. (Create)

**CO6:** Demonstrate appropriate skills essential in designing and conducting experiments in cognitive psychology. (Apply)

**CO7:** Develop and present an oral presentation/debate on a topic related to cognitive psychology in a group. (Create)

**CO8:** Apply the principles of cognitive psychology to one's own personal life. (E.g. improving memory, attention, perception skills) and be sensitive to the diversity of individuals, including ethnic, gender and cultural diversity. (Apply)

**6.COUNSELING PSYCHOLOGY**  
**1856UACP**

**Course Objectives:**

- 1.To familiarize learners to counselling as a helping profession.
- 2.To Orient learners to the different stages in counselling.
- 3.To create awareness about different classical and contemporary therapies used in professional counselling.
- 4.To develop an understanding about the multicultural context in counselling.
- 5.To create awareness about the different specialized areas in counselling.

**Course Outcome:**

On successful completion of this course, learners should be able to:

**CO1:** Describe the characteristics of an effective counsellor and the professional ethics in counselling. (Understand)

**CO2:** Explain the core conditions of counselling to initiate the counselling relationship. (Understand)

**CO3:** Identify the various skills required in the counselling process and be aware about transference and counter-transference. (Remember)

**CO4:** Examine the micro-skills required for successfully terminating counselling relationship. (Analyse)



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**CO5:** Recognize appropriate testing and assessment tools to be used in counselling.  
(Remember)

**Economics**

**1. ADVANCED ECONOMIC THEORY**  
**1951UAAET**

**Course Objectives**

- 1.To make the students memorize the short run and long run equilibrium situations face by monopoly firm including equilibrium under different cost conditions.
- 2.To understand the basics of Game Theory and pricing strategies .
- 3.To enable learner to discover various dimensions of different models of oligopoly including Cournot model, Bertand model , Edgeworth model , Chamberlin model and kinked demand curve model.
- 4.To analyze the concept of General equilibrium and Welfare Economics including including the Pareto optimal condition of social welfare, Kaldor Hicks compensation criterion .

**Course Outcomes**

- CO 1 The learner will be able to memorize the short run and long run equilibrium situations face by monopoly firm including equilibrium under different cost conditions. (Level: Knowledge)
- CO 2 The learner will be able to understand the basics of Game Theory and pricing strategy. (Level: Comprehension)
- CO 3 The learner will be able to discover various dimensions of different models of oligopoly including Cournot model , Bertand model , Edgeworth model ,Chamberlin model and kinked demand curve model. (Level: Application)
- CO 4 The learner will be able to analyze the concepts of General equilibrium and Welfare Economics including the Pareto optimal condition of social welfare, Kaldor Hicks compensation criterion . (Level: Analysis)

**2. ECONOMICS OF DEVELOPMENT-I**  
**1852UAED**

**Course Objectives:**

- 1.To recognize the basic and modern concepts related to economic growth and development.



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- 2.To understand the theoretical interpretations on growth and development from time to time.
- 3.To apply the methods the measurement of poverty and inequality in Indian context and discover the relevance of concepts of inclusive growth and rural credit institutions.
- 3.To analyze the role of infrastructure and technology including appropriate technology in the growth process.

#### **Course Outcomes:**

- CO 1 Learners will be able to recognize the basic and modern concepts related to economic growth and development (Level: Knowledge)
- CO 2 Learners will be able to understand the theoretical interpretations by leading economists on growth and development (Level: Comprehension)
- CO 3 Learners will be able to apply the methods the measurement of poverty and inequality in Indian context and discover the relevance of concepts of inclusive growth and rural credit institutions (Level: Application)
- CO 4 Learners will be able to analyze the role of infrastructure and technology including appropriate technology in the growth process (Level: Analysis)

### **3. INDIAN FINANCIAL SYSTEM –I** **1953UAIFS**

#### **Course Objectives**

- 1.To define the different concepts of Finance, Money and credit in the context of national, local and regional development needs.
- 2.To explain the structure and working of the Indian Financial System and its role in economic development.
- 3.To discover the role and changing trends in Monetary Policy, regulatory institutions and the foreign exchange market in the context of national and global development needs.
- 4.To analyse the banking and financial sector reforms introduced in India in the context of globalisation.

Commented [M1]: National development needs

Commented [M2]: Global development needs

#### **Course Outcomes**

- CO 1 The learner will be able to define the different concepts of Finance, Money and credit in the context of national, local and regional development needs. (Level: Knowledge)
- CO 2 The learner will be able to explain the structure and working of the Indian Financial System and its role in economic development. (Level: Comprehension)
- CO 3 The learner will be able to discover the role and changing trends in Monetary Policy, regulatory institutions and the foreign exchange market in the context of national and global development needs. (Level: Application)

Commented [M3]: National development needs



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CO 4 The learner will be able to analyse the banking and financial sector reforms introduced in India in the context of globalisation. (Level: Analysis)

**Commented [M4]:** Global development needs

**4. RESEARCH METHODOLOGY –I**  
**1854UARM**

**Course Objectives**

- 1.To identify the various concepts of research methodology.
- 2.To describe the various steps of a Research Process.
- 3.To discover the various sources, methods of data collection and sampling methods.
- 4.To process and analyse data.

**Course Outcomes**

- CO1 The learner will be able to identify the various concepts of research methodology. (Level: Knowledge)
- CO2 The learner will be able to describe the various steps of a Research Process. (Level: Comprehension)
- CO3 The learner will be able to discover the various sources, methods of data collection and sampling methods. (Level: Application)
- CO4 The learner will be able to process and analyse data. (Level: Analysis)

**5. PUBLIC ECONOMICS**  
**1955UAPE**

**Course Objectives:**

- 1.To recall the meaning, functions and modern trends in Public Economics.
- 2.To understand the components of public revenue and reforms undertaken by the Government.
- 3.To discover the effects of various types of public expenditure and the principles of public expenditure in contemporary Indian context.
- 4.To analyze the types of public debt; the methods of redemption of public debt and the unique legislations adopted in India including FRBM ACT 2003 and fiscal federalism.

**Course Outcomes:**

- CO 1 Learners will be able to recall the meaning, functions and modern trends in Public Economics (Level: Knowledge)





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CO 2 Learners will be able to understand the components of public revenue and reforms undertaken by the Government (Level: Comprehension)  
CO 3 Learners will be able to discover the effects of various types of public expenditure and the principles of public expenditure in contemporary Indian context (Level: Application)  
CO 4 Learners will be able to analyze the types of public debt; the methods of redemption of public debt and the unique legislations adopted in India including FRBM ACT 2003 and fiscal federalism (Level: Analysis)

**6. HISTORY OF ECONOMIC THOUGHT**  
**1856UAHET**

**Course Objectives**

- 1.To identify the contribution made by the Classical economists.
- 2.To describe the contribution made by the Marginalists.
- 3.To apply Keynesian ideas in the context of national development needs.
- 4.To analyse the views of the various macroeconomic schools of thought.

**Course Outcomes**

- CO 1 The learner will be able to identify the contribution made by the Classical economists. (Level: Knowledge)  
CO 2 The learner will be able to describe the contribution made by the Marginalists. (Level: Comprehension)  
CO 3 The learner will be able to apply Keynesian ideas in the context of national development needs. (Level: Application)  
CO 4 The learner will be able to analyse the views of the various macroeconomic schools of thought. (Level: Analysis)

**Semester V**  
**Geography**

**1. Geography of Settlements**  
**1851UAGS**

**Course Objective:**

1. To memorize the evolution of subject settlement geography
2. To classify settlements as rural and urban



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3. To discover concepts like site, situation, pattern, morphology of various types of rural settlement at world and India
4. To analyse hierarchy of urban settlements in India

**Course Outcome:**

**CO 1** Learners will be able to memorize the evolution of subject settlement geography (Knowledge)

**CO 2** Learners will be able to classify settlements as rural and urban (Comprehension)

**CO 3** Learners will be able to discover concepts like site, situation, pattern, morphology of various types of rural settlement at world and India (Application)

**CO 4** Learners will be able to analyse hierarchy of urban settlements in India (Analysis)

**2. Regional Planning and Development**

**1854UAPD**

**Course Objectives:**

- 1.To recall the concepts of population geography and its evolution and recent trends
- 2.To explain the relationship between population geography and other social sciences
- 3.To demonstrate students about the population dynamics in the world and in India
- 3.To associate between the theories of population growth and migration
- 4.To develop understanding of several contemporary issues like ageing population, gender issues, poverty and urbanization.

**Course Outcome:**

CO 1 Learners will be able to recall the concepts of population geography and its evolution and recent trends (Knowledge)

CO 2 Learners will be able to explain the relationship between population geography and other social sciences like sociology, anthropology, etc. (Comprehension)

CO 3 Learners will be able to demonstrate their knowledge of population dynamics in the world and in India through illustrations (Application)

CO 4 Learners will be able to associate between the theories of population growth and migration (Analysis)

CO 5 Learners will be able to develop understanding of several contemporary issues like ageing population, gender issues, poverty, and urbanization, its impacts, etc. (Synthesis)

**3. GEOSPATIAL TECHNOLOGY**

**1856UAGT**

**Course Objectives:**

- 1.To identify the concepts related to geospatial technology



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- 2.To explain concepts like digital image analysis, aerial photographs, and GPS
- 3.To demonstrate the students about GIS software and preparation of thematic maps
- 4.To analyze the geographical data with the help of geospatial technology

**Course Outcome:**

CO 1 Learners will be able to identify the concepts related to geospatial technology like remote sensing, electromagnetic energy, and visual image interpretation (Knowledge)

CO 2 Learners will be able to explain concepts related digital image analysis, aerial photographs, and GPS (Comprehension)

CO 3 Learners will be able to demonstrate use of GIS software like preparation of thematic maps, map layout, etc. (Application)

CO 4 Learners will be able to analyze the geographical data with the help of geospatial technology

**4. TOOLS AND TECHNIQUES IN GEOGRAPHY FOR SPATIAL ANALYSIS-I**

**(Practical)**  
**1853UASA**

**Course Objectives:**

- 1.To memorize essential background of map basics and map projections
- 2.To demonstrate the skill of map interpretation through identification of physical and cultural features in topographical maps and thematic maps
- 3.To compute geographical data for graphical representation
- 4.To analyze data and create appropriate maps with applicable techniques

**Course Outcome:**

CO 1 Learners will be able to memorize essential background of map basics and map projections for effective map construction (Knowledge)

CO 2 Learners will be able to demonstrate the skill of map interpretation through identification of physical and cultural features in topographical maps and thematic maps (Comprehension)

CO 3 Learners will be able to compute geographical data for graphical representation (Application)

CO 4 Learners will be able to analyze data and create thematic maps using choropleth, isopleth or dot technique. (Analysis)

**5. Population Geography**  
**1852UAPG**



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**Course Objectives:**

- 1.To recognize the concepts of planning and regional planning
- 2.To explain knowledge about regional disparities in development, spatial and non-spatial models of development and strategies for regional development
- 3.To discover essential background to five-Year Plans, planning regions of India and NITI Ayog
- 4.To analyze policies related to micro level planning in rural area, backward area development programme, urban fringe of Indian cities and metropolitan planning

**Course Outcome:**

- CO 1** Learners will be able to recall the concepts of population geography and its evolution and recent trends (Knowledge)
- CO 2** Learners will be able to explain the relationship between population geography and other social sciences like sociology, anthropology, etc. (Comprehension)
- CO 3** Learners will be able to demonstrate their knowledge of population dynamics in the world and in India through illustrations (Application)
- CO 4** Learners will be able to associate between the theories of population growth and migration (Analysis)
- CO 5** Learners will be able to develop understanding of several contemporary issues like ageing population, gender issues, poverty, and urbanization, its impacts, etc. (Synthesis)

**6. GEOGRAPHY OF DISASTER MITIGATION and MANAGEMENT  
1855UADM**

**Course Objectives:**

- 1.To define the concepts related to disaster
- 2.To explain about stages of disaster management
- 3.To prepare the students about natural and anthropogenic disaster and its management in India
- 4.To distinguish between various disasters and their causes and impacts

**Course Outcome:**

- CO 1** Learners will be able to define the concepts of disaster, hazard, and disaster management (Knowledge)
- CO 2** Learners will be able to explain about pre-disaster and post- disaster stages of management (Comprehension)
- CO 3** Learners will be able to prepare the students about natural and anthropogenic disaster and its management in India with the help of thorough knowledge (Application)



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CO 4 Learners will be able to distinguish between various disasters and their causes and impacts so that they can devise an action plan (Analysis)

**Semester VI**

**1. PSYCHOLOGICAL TESTING AND STATISTICS**  
**1861UATS**

**Course Objectives:**

- 1.To understand various psychometric concepts related to tests and test construction.
- 2.To become aware of new developments, ethical considerations, and controversies associated with psychological testing.
- 3.To get acquainted with popular objective and subjective tests used in the measurement of intelligence and personality.
- 4.To create awareness about the application of when, where and how of psychological testing.
- 5.To develop an understanding of the basic statistical concepts to be applied in research methodology.

**Course Outcome:**

On successful completion of this course, learners should be able to:

- CO1:** Describe the process of developing a standardized test with all the essential steps and milestones. (Understand)
- CO2:** Discuss the concept of intelligence and the popular tests used for measuring intelligence. (Understand)
- CO3:** Appraise the concept of personality and discuss the popular tests used for measuring personality. (Understand)
- CO4:** Explain the normal probability curve, skewness, kurtosis and differentiate between types of standard scores for better analysis of statistical data. (Understand)
- CO5:** Calculate measures of variation, percentiles and percentile ranks. (Analyse)
- CO6:** Calculate and interpret correlation and regression. (Analyse)

**2. ABNORMAL PSYCHOLOGY – V**  
**1862UAAB**

**Course Objectives:**

:

To impart knowledge and understanding of the basic concepts in Abnormal Psychology and the theories about Abnormality



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To impart knowledge and understanding of the different Psychological Disorders – their symptoms, diagnosis, causes and treatment  
To create awareness about Mental Health problems in society  
To create a foundation for higher education and a professional career in Clinical Psychology

#### **Course Outcome:**

On successful completion of this course, learners should be able to:

**CO1:** Identify the major diagnostic criteria and characteristics of schizophrenia spectrum, other psychotic disorders, depressive and bipolar disorders, paraphilias, sexual dysfunctions, gender dysphoria, personality disorders and neurodevelopmental disorders as presented in the Diagnostic and Statistical manual of mental Disorders. (Remember)

**CO2:** Describe the biological, psychological and sociocultural factors and theoretical perspectives related to the development and maintenance of different psychological disorders. (Understand)

**CO3:** Discuss the current research and methodological issues in the study of abnormal behaviour. (Understand)

**CO4:** List the primary treatments for psychological disorders and discuss their effectiveness. (Remember)

**CO5:** Recognise ethical issues and problems of diagnosis and treatment. (Remember)

**CO6:** Learn differential diagnosis of various psychological disorders. (Understand)

**CO7:** Apply knowledge of abnormal psychology in a manner that is sensitive to the diversity of individuals, including ethnic, gender and cultural diversity. (Apply)

### **3. INDUSTRIAL PSYCHOLOGY** **1863UAIO**

#### **Course Objectives:**

- 1.To introduce learner to the different concepts in the field of Industrial / Organizational Psychology.
- 2.To familiarize learners with various aspects of workplace behavior.
- 3.To increase the understanding of the complicated systems of individual and group psychological processes involved in the world of work

#### **Course Outcome:**

On completion of the course, the learner should be able to:

**CO1:** Distinguish between the various factors that influence employee behaviour in the workplace. (Analyse)

**CO2:** Discuss how organizations can create a supportive work environment promoting human values. (Understand)



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**CO3:** Define leadership and the different styles of leadership. (Remember)

**CO4:** Explain the cause of stress and identify strategies for coping with stress. (Understand)

**4. COGNITIVE PSYCHOLOGY – VII**  
**1864UACO**

**Course Objectives:**

- 1.To impart knowledge and understanding of the fundamental concepts of Cognitive Psychology and the basic Cognitive processes
- 2.To create awareness about the various applications of Cognitive processes in everyday life and a foundation to enable understanding of their applications in other fields - Social, Educational, Industrial, Abnormal, Counseling, Sports, Health, Education, and Neuro-Psychology
- 3.To provide the theoretical orientation and background for the courses on Practicum in Cognitive Processes
- 4.The course enables the learner to seek job such as a Research Assistant for those students who plan to further their studies in the field of psychology (or a related field); Can also work as a Field Investigator; Career Counselor in commercial or educational settings, Advertising agents, Laboratory assistant; Project coordinator in Government or NGOs dealing with children, women, elderly etc.

**Course Outcome:**

On successful completion of this course, learners should be able to:

**CO1:** Acquire basic knowledge of core concepts in human cognition (e.g. long term memory, visual imagery and spatial cognition, thinking, problem solving, reasoning and decision making). (Understand)

**CO2:** Appreciate the key theories, models and experimental findings central to cognitive processes such as long-term memory, visual imagery and spatial cognition, thinking, problem solving, reasoning and decision making. (Understand)

**CO3:** Outline the neuropsychological aspects of various human mental processes such as visual imagery, spatial cognition, thinking, problem solving, reasoning and decision making. remember

**CO4:** Review how theories and research findings from cognitive psychology can help in understanding everyday problems; for example biases in decision making; failures of attention, memory and perception; eye-witness testimony, and how cognitive processes are involved in the development and maintenance of psychological issues. (Understand)

**CO5:** Apply knowledge in cognitive psychology to develop sensitivity to the diversity of individuals, including ethnic, gender and cultural diversity. (Apply)



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### **5. COUNSELING PSYCHOLOGY**

**I1866UACP**

#### **Course Objectives:**

- 1.To familiarize learners to counselling as a helping profession.
- 2.To Orient learners to the different stages in counselling.
- 3.To create awareness about different classical and contemporary therapies used in professional counselling.
- 4.To develop an understanding about the multicultural context in counselling.
- 5.To create awareness about the different specialized areas in counselling.

#### **Course Outcome:**

On successful completion of this course, learners should be able to:

**CO1:** Describe about the classical theories and therapies used in counselling which focus on bringing about a wholistic change in the client. (Understand)

**CO2:** Discuss the contemporary theories and therapies in counselling which are solution-focused. (Understand)

**CO3:** Appreciate the need to understand the varied cultural backgrounds and cohorts to which the clients belong. (Understand)

**CO4:** Employ counselling skills and techniques in different domains and fields. (Apply)

### **6. Practicals in Cognitive Processes VIII**

**1865UAPT**

#### **Course Objectives:**

- 1.To expose learners to experimental designs, methodology, conduction of experiments, statistical analysis, interpretation, and discussion.
- 2.To introduce the learners to psychological testing: administration, scoring, and interpretation of test scores as well as a procedural understanding of concepts related to psychological testing.
- 3.To familiarise the learners with computer- based experiments (Coglab) and sensitize them to aspects of control, precision of exposure, and measurement.

#### **Course Outcome:**

On successful completion of this course, learners should be able to:

**CO1:** Discuss of three specific experiments viz. Visual imagery, Proactive inhibition, and Self-reference effect. (Understand)





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CO2: Administrate, score and interpret an intelligence test (Standard Progressive Matrices).  
(Analyse)

CO3: Identify the advantages and disadvantages of computer-based experiments as compared to manually based experiment. (Remember)

**Economics**

**1. ADVANCED ECONOMIC THEORY- II**  
**1961UAAET**

**Course Objectives**

To recognize the complex aspects of the Keynesian Model of Income determination.

To explain formal modelling in macro economics with analytical tools through the IS-LM Model.

To discover macroeconomic problems like inflation and unemployment.

To analyse the role of fiscal and monetary policies in an Open economy model and the effectiveness of different measures in bringing about adjustment in the Balance of Payments.

**Course Outcomes**

CO 1 The learner will be able to recognize the complex aspects of the Keynesian Model of Income determination. ( Level: Knowledge)

CO 2 The learner will be able to explain the formal modelling in macro economics with analytical tools through the IS-LM Model. (Level: Comprehension)

CO3 The learner will be able to discover macroeconomic problems like inflation and unemployment in the context of national development needs. (Level: Application)

CO 4 The learner will be able to analyse the role of fiscal and monetary policies in an Open economy model and the effectiveness of different measures in bringing about adjustment in the Balance of Payments. (Level: Analysis)

**2. ECONOMICS OF DEVELOPMENT-II**  
**1962UAED**

**Course Objectives**

1.To recognize the basic and modern concepts related to economic growth and development.

2.To understand the theoretical interpretations on growth and development from time to time.

3.To apply the methods the measurement of poverty and inequality in Indian context and discover the relevance of concept s of inclusive growth and rural credit institutions.



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4.To analyze the role of infrastructure and technology including appropriate technology in the growth process.

**Course Outcomes**

CO 1 Learners will be able to recognize the basic and modern concepts related to economic growth and development (Level: Knowledge)

CO 2 Learners will be able to understand the theoretical interpretations by leading economists on growth and development (Level: Comprehension)

CO 3 Learners will be able to apply the methods the measurement of poverty and inequality in Indian context and discover the relevance of concepts of inclusive growth and rural credit institutions (Level: Application)

CO 4 Learners will be able to analyze the role of infrastructure and technology including appropriate technology in the growth process (Level: Analysis)

**3. INDIAN FINANCIAL SYSTEM –II**  
**1963UAIFS**

**Course Objectives**

To identify the role of different Non-Banking Financial Institutions and financial services as well as financial inclusion.

To describe the features, components and reforms introduced in the Money Market in India.

To discover the role and structure of the Indian Capital Market and Financial instruments introduced.

To analyse the role, components and significance of the Derivatives Market in India.

**Course Outcomes**

CO 1 The learner will be able to identify the role of different Non-Banking Financial Institutions and financial services as well as financial inclusion. (Level: Knowledge)

CO 2 The learner will be able to describe the features, components and reforms introduced in the Money Market in India. (Level: Comprehension)

CO 3 The learner will be able to discover the role and structure of the Indian Capital Market and Financial instruments introduced. (Level: Application)

CO 4 The learner will be able to analyse the role, components and significance of the Derivatives Market in India. (Level: Analysis)

**4. RESEARCH METHODOLOGY –II**  
**1964UARM**

**Course Objectives**



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- 1.To identify the basic statistical tools in social science research.
- 2.To explain the importance and types of index numbers.
- 3.To show the role of hypothesis testing in research.
- 4.To analyse research results and interpret them through report writing taking into account professional ethics.

**Course Outcomes**

- CO1 The learner will be able to identify the basic statistical tools in social science research. (Level: Knowledge)
- CO2 The learner will be able to explain the importance and types of index numbers. (Level: Comprehension)
- CO3 The learner will be able to show the role of hypothesis testing in research. (Level: Application)
- CO4 The learner will be able to analyse research results and interpret them through report writing taking into account professional ethics. (Level: Analysis)

**5. INTERNATIONAL ECONOMICS**  
**1965UAIE**

**Course Objectives**

- 1.To recognize the theoretical backgrounds related to international trade.
- 2.To understand the techniques of reciprocal demand and offer curves in measuring gains from trade and to understand the concepts pertaining to balance of payments.
- 3.To apply the concepts and theoretical frame work related to foreign exchange in determining equilibrium rate of exchange and managed flexibility.
- 4.To analyze the role played by different trade strategies adopted and the role played by international agencies in expanding the scenario of international trade.

**Course Outcomes:**

- CO 1** Learners will be able to recognize the theoretical backgrounds related to international trade. (Level: Knowledge)
- CO 2** Learners will be able to understand the techniques of reciprocal demand and offer curves in measuring gains from trade and to understand the concepts pertaining to balance of payments (Level: Comprehension)
- CO 3** Learners will be able to apply the concepts and theoretical frame work related to foreign exchange in determining equilibrium rate of exchange and managed flexibility. (Level: Application)



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**CO 4** Learners will be able to analyze the role played by different trade strategies adopted and the role played by international agencies in expanding the scenario of international trade. (Level: Analysis)

**6. INDIAN ECONOMIC THOUGHT**  
**1966UAIET**

**Course Objectives**

- 1.To identify the economic ideas of the Modernists.
- 2.To explain the colonial impact, problems and changing contours of the Indian agricultural sector.
- 3.To discover the developments in economic policy for the different sectors after Independence with respect to national development needs
- 4.To analyse the trends in economic thought in contemporary India.

**Course Outcomes**

- CO 1 The learner will be able to identify the economic ideas of the Modernists. analyse the trends in economic thought in contemporary India. (Level: Knowledge)
- CO 2 The learner will be able to explain the colonial impact, problems and changing contours of the Indian agricultural sector. (Level: Comprehension)
- CO 3 The learner will be able to discover the developments in economic policy for the different sectors after Independence with respect to national development needs. (Level: Application)
- CO 4 The learner will be able to analyse the trends in economic thought in contemporary India. (Level: Analysis)

**Geography**

**1. ENVIRONMENTAL GEOGRAPHY**  
**1861UAEG**

**Course Objectives:**

- 1.To identify Environmental Geography and its components and approaches
- 2.To interpret the relationship between man and environment



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- 3.To predict the impact of human race on ecosystem and biodiversity
- 4.To associate the concepts of sustainable development and environmental management

**Course Outcome:**

CO 1 Learners will be able to identify and understand environmental geography, ecosystem and biodiversity and impact of man on it (Knowledge)

CO 2 Learners will be able to interpret the relationship between man and environment in historical perspective and compare with present (Comprehension)

CO 3 Learners will be able to predict the impact of human race on ecosystem and biodiversity and find out solutions (Application)

CO 4 Learners will be able to associate the concepts of sustainable development and environmental management for a better world (Analysis)

**Commented [A5]:** National level

**Commented [A6]:** Global level

**2. GEOGRAPHY OF TOURISM and RECREATION**  
**1862UATR**

**Course Objectives:**

- 1. To recognize trends of tourism development in world
- 2. To describe interdependence between tourism and geography
- 3. To discover positive and negative impact of tourism on environment, socio-culture and economy
- 4. To estimate elements of tourism planning at different level

**Commented [a7]:** Environmental concern

**Commented [a8]:** Entrapronureship development

**Course Outcome**

- 1. CO 1 Learners will be able to recognize trends of tourism development in world (Knowledge)
- 2. CO 2 Learners will be able to describe interdependence between tourism and geography (Comprehension)
- 3. CO 3 Learners will be able to discover positive and negative impact of tourism on environment, socio-culture and economy (Application)
- 4. CO 4 Learners will be able to estimate elements of tourism planning at different level (Analysis)

**Commented [a9]:** Environmental concern

**Commented [a10]:** Entrapronureship development

**3. TOOLS AND TECHNIQUES IN GEOGRAPHY FOR SPATIAL ANALYSIS-II**  
**(Practical)**  
**1863UASA**

**Course Objectives:**

- 1. To identify essential background of basics of statistical techniques
- 2. To illustrate use of statistical techniques in geographical data analysis
- 3. To demonstrate various sampling techniques in geography
- 4. To determine the use of data collection methods, statistical techniques, and interpretation of same to prepare a geographical report



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**Course Outcome:**

1. CO 1 Learners will be able to identify essential background of basics of statistical techniques (Knowledge)
2. CO 2 Learners will be able to illustrate use of statistical techniques in geographical data analysis (Comprehension)
3. CO 3 Learners will be able to demonstrate various sampling techniques in geography (Application)
4. CO 4 Learners will be able to determine the use of data collection methods, statistical techniques, and interpretation of same to prepare a geographical report (Analysis)

**4. ECONOMIC GEOGRAPHY**  
**1864UAEG**

**Course Objectives:**

1. To define the basic concept of economic geography
2. To explain the various economic activities
3. To discover the essential background about distribution of minerals and industrial regions of the world
4. To analyze transport, international trade, and economic development of India

**Course Outcome:**

1. CO 1 Learners will be able to define the nature, scope, branches, and approaches of economic geography (Knowledge)
2. CO 2 Learners will be able to explain the various economic activities of primary, secondary, tertiary, quaternary and quinary nature (Comprehension)
3. CO 3 Learners will be able to discover the essential background about distribution of minerals and industrial regions of the world (Application)
4. CO 4 Learners will be able to analyze transport, international trade and economic development of India (Analysis)

**5. SOCIAL GEOGRAPHY**  
**1865UASG**

**Course Objectives:**

1. To memorize the basics of social geography
2. To explain knowledge about elements of social geography in world and India
3. To discover essential background about different social groups and social issues in the city
4. To analyze several contemporary social issues in India

**Course Outcome:**

CO 1 Learners will be able to memorize the nature, scope, branches and approaches of social geography (Knowledge)



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CO 2 Learners will be able to explain knowledge about race, religion, language and tribes of the world and India (Comprehension)

CO 3 Learners will be able to discover essential background about different social groups and social issues in the city (Application)

CO 4 Learners will be able to analyze several contemporary social issues in India (Analysis)

**6. Research Methodology In Geography**  
**1861UAPJ**

**Course Objectives:**

1. To memorize the basic framework of research process.
2. To demonstrate an understanding of various research designs and techniques.
3. To discover various sources of information for literature review and data collection.
4. To determine understanding of the ethical dimensions of conducting applied research.

**Course Outcome:**

1. CO 1 Learners will be able to memorize the basic framework of research process with all sub parts in proper order (Knowledge)
2. CO 2 Learners will be able to demonstrate an understanding of various research designs and techniques like types of sampling, sample selection, questionnaire framing, etc. (Comprehension)
3. CO 3 Learners will be able to discover various sources of information for literature review and data collection- online and offline and tools to retrieve it. (Application)
4. CO 4 Learners will be able to determine understanding of the ethical dimensions of conducting applied research. (Analysis)



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| BA PO CO Mapping Matrix - 2020-21 |                            |             |                   |     |       |     |     |  |      |      |   |      |      |      |   |      |      |      |
|-----------------------------------|----------------------------|-------------|-------------------|-----|-------|-----|-----|--|------|------|---|------|------|------|---|------|------|------|
| Semester                          | Subject                    | Course Code | PROGRAMME OUTCOME |     |       |     |     | PROGRAMME SPECIFIC OUTCOMES (PSYCHOLOGY) |      |      | PROGRAMME SPECIFIC OUTCOMES (ECONOMICS) |      |      |      | PROGRAMME SPECIFIC OUTCOMES (GEOGRAPHY) |      |      |      |
|                                   |                            |             | PO1               | PO2 | PO3 ) | PO4 | PO5 | PSO1                                     | PSO2 | PSO3 | PSO1                                    | PSO2 | PSO3 | PSO4 | PSO1                                    | PSO2 | PSO3 | PSO4 |
|                                   | Communication skills-I     | 2011UACS    |                   | *   | *     |     | *   |  |      |      |   |      |      |      |   |      |      |      |
|                                   | FC-I                       | 2012U AFC   |                   |     |       |     | *   |  |      |      |   |      |      |      |   |      |      |      |
| Sem 1                             | Fundamentals of Psychology | 2014UAPS    | *                 |     | *     | *   | *   |  |      |      |   |      |      |      |   |      |      |      |
|                                   | Geomorphology              | 2013U AGE   | *                 |     |       | *   |     |  |      |      |   |      |      | *    |   | *    |      |      |
|                                   | Microeconomics- I          | 2015U AEC   | *                 |     |       |     |     |  |      | *    | *                                       | *    | *    |      |   |      |      |      |
|                                   | French                     | 2016U AFR   |                   | *   |       |     |     |  |      |      |   |      |      |      |   |      |      |      |
|                                   | Hindi                      | 2016U AHN   |                   | *   |       |     |     |  |      |      |   |      |      |      |   |      |      |      |
|                                   |                            |             |                   |     |       |     |     |  |      |      |   |      |      |      |   |      |      |      |
| Sem 2                             | Communication skills - II  | 2021U ACS   |                   | *   | *     |     | *   |  |      |      |   |      |      |      |   |      |      |      |
|                                   | FC II                      | 2022U AFC   |                   |     |       |     | *   |  |      |      |   |      |      |      |   |      |      |      |
|                                   | Human Geography            | 2023U AGE   | *                 |     |       |     |     |  |      |      |   |      |      | *    | *                                       |      |      |      |





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|              | Fundamentals of Psychology | 2024UAPS | * |   | * |   | * | * |  |   |   |   |   |   |  |   |  |  |
|              | Macroeconomics- I          | 2025UAEC | * |   |   |   |   |   |  | * | * | * | * |   |  |   |  |  |
|              | Hindi                      | 2026UAHN |   | * |   |   |   |   |  |   |   |   |   |   |  |   |  |  |
|              | French                     | 2026UAF  |   | * |   |   |   |   |  |   |   |   |   |   |  |   |  |  |
|              |                            |          |   |   |   |   |   |   |  |   |   |   |   |   |  |   |  |  |
| <b>Sem 3</b> | Foundation Course - III    | 2031UAFC |   |   |   | * |   |   |  |   |   |   |   |   |  |   |  |  |
|              | Advertising                | 2038UAAD |   |   | * |   |   |   |  |   |   |   |   |   |  |   |  |  |
|              | Eco-II Microeconomics      | 1732UAEC | * |   |   |   |   |   |  | * | * |   |   |   |  |   |  |  |
|              | Eco-III Indian Economy     | 1733UAEC | * |   |   |   |   |   |  |   |   | * | * |   |  |   |  |  |
|              | An Intro to Climatology    | 1734UAGE | * |   |   |   |   |   |  |   |   |   |   | * |  | * |  |  |
|              | Physical Geog of India     | 1735UAGE | * |   |   |   |   |   |  |   |   |   |   | * |  |   |  |  |
|              | Social Psychology          | 1736UAPS | * |   | * | * | * | * |  | * |   |   |   |   |  |   |  |  |
|              | Developmental Psychology   | 1737UAPS | * |   | * | * | * | * |  | * |   |   |   |   |  |   |  |  |
|              |                            |          |   |   |   |   |   |   |  |   |   |   |   |   |  |   |  |  |



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| <b>Sem 4</b>           | FC-IV                        | 2041UAFC  |   |  |   | * |   |  |   |   |   |   |   |   |   |  |  |
|                        | Advertising                  | 1748UAAD  |   |  | * |   |   |  |   |   |   |   |   |   |   |  |  |
|                        | Eco II<br>Macroeconomics     | 1842UAEC  | * |  |   |   |   |  | * | * |   |   |   |   |   |  |  |
|                        | Eco III Maharastra<br>Eco    | 1843UAEC  | * |  |   |   |   |  |   |   | * | * |   |   |   |  |  |
|                        | Intro to<br>Oceanography     | 1944UAGE  | * |  |   |   |   |  |   |   |   | * |   | * | * |  |  |
|                        | Agri Geo                     | 1945UAGE  | * |  |   |   |   |  |   |   |   | * | * |   |   |  |  |
|                        | Social Psychology            | 1746UAPS  | * |  | * | * | * |  | * |   |   |   |   |   |   |  |  |
|                        | Developmental<br>Psychology  | 1747UAPS  | * |  | * | * | * |  | * |   |   |   |   |   |   |  |  |
|                        |                              |           |   |  |   |   |   |  |   |   |   |   |   |   |   |  |  |
| <b>Sem 5<br/>(Eco)</b> | Adv Eco Theory IV            | 1951UAAET | * |  |   |   |   |  | * | * | * | * |   |   |   |  |  |
|                        | Eco of Development<br>V      | 1852UAED  | * |  |   | * |   |  | * | * | * | * |   |   |   |  |  |
|                        | Indian Fin System VI         | 1953UAIFS | * |  | * |   |   |  | * | * | * | * |   |   |   |  |  |
|                        | RM VII                       | 1854UARM  | * |  | * |   |   |  | * | * | * | * |   |   |   |  |  |
|                        | Public Eco VIII              | 1955UAPE  | * |  |   |   |   |  | * | * | * | * |   |   |   |  |  |
|                        | History of Eco<br>Thought IX | 1856UAHET | * |  |   |   |   |  | * | * | * | * |   |   |   |  |  |



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|                         |                             |           |   |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |
| <b>Sem 6<br/>(Eco)</b>  | Adv Eco Theory IV           | 1961UAAET | * |  |   |   |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         | Eco of Development V        | 1962UAED  | * |  |   | * |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         | Indian Fin System VI        | 1963UAIFS | * |  | * |   |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         | RM VII                      | 1964UARM  | * |  |   | * |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         | International Eco VIII      | 1965UAIE  | * |  |   |   |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         | Indian Eco Thought IX       | 1966UAIET | * |  |   |   |  |  |  | * | * | * | * |  |   |   |   |   |   |
|                         |                             |           |   |  |   |   |  |  |  |   |   |   |   |  |   |   |   |   |   |
| <b>Sem 5<br/>(Geog)</b> | Geog of Settlement IV       | 1851UAGS  | * |  |   |   |  |  |  |   |   |   |   |  | * |   |   |   |   |
|                         | Population Geog V           | 1852UAPG  | * |  |   |   |  |  |  |   |   |   |   |  | * | * |   |   |   |
|                         | Tools & Techniques VI       | 1853UASA  | * |  | * | * |  |  |  |   |   |   |   |  |   |   |   | * |   |
|                         | Regional Plannng & Devt VII | 1854UAPD  | * |  |   |   |  |  |  |   |   |   |   |  | * | * | * |   |   |
|                         | Disaster Mitigation VIII    | 1855UADM  | * |  |   |   |  |  |  |   |   |   |   |  | * |   |   |   | * |
|                         | Geospatial Technology IX    | 1856UAGT  | * |  | * | * |  |  |  |   |   |   |   |  |   |   |   | * |   |



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|                         |   |          |   |  |   |   |   |   |   |   |   |  |  |   |   |  |  |   |
| <b>Sem 6<br/>(Geog)</b> | Environmental Geog IV                   | 1861UAEG | * |  |   | * |   |   |   |   |   |  |  | * |   |  |  | * |
|                         | Geog of Tourism V                       | 1862UATR | * |  |   |   |   |   |   |   |   |  |  | * | * |  |  |   |
|                         | Tools & Techniques VI                   | 1863UASA | * |  | * |   |   |   |   |   |   |  |  |   |   |  |  | * |
|                         | Eco Geog VII                            | 1864UAEG | * |  |   |   |   |   |   |   |   |  |  | * | * |  |  |   |
|                         | Social Geog VIII                        | 1865UASG | * |  |   |   |   |   |   |   |   |  |  | * | * |  |  |   |
|                         | RM in Geog IX                           | 1861UAPJ | * |  | * | * |   |   |   |   |   |  |  |   |   |  |  | * |
|                         |   |          |   |  |   |   |   |   |   |   |   |  |  |   |   |  |  |   |
| <b>Sem 5<br/>(Psy)</b>  | Psychological Testing and Statistics IV | 1851UATS | * |  | * | * |   | * | * |   |   |  |  |   |   |  |  |   |
|                         | Abnormal Psychology V                   | 1852UAAB | * |  | * | * | * | * | * | * |   |  |  |   |   |  |  |   |
|                         | Industrial Psychology VI                | 1853UAIO | * |  | * | * | * | * | * | * | * |  |  |   |   |  |  |   |
|                         | Cognitive psychology VII                | 1854UACO | * |  | * | * | * | * | * | * | * |  |  |   |   |  |  |   |
|                         | Practicals in Cognitive Processes VIII  | 1855UAPT | * |  | * | * |   | * | * |   |   |  |  |   |   |  |  |   |



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|                    | Counseling Psychology IX                | 1856UACP | * |  | * | * | * | * | * | * |  |  |  |  |  |  |  |  |
|                    |   |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
| <b>Sem 6 (Psy)</b> | Psychological Testing and Statistics IV | 1861UATS | * |  | * | * |   | * | * |   |  |  |  |  |  |  |  |  |
|                    | Abnormal Psychology V                   | 1862UAAS | * |  | * | * | * | * | * | * |  |  |  |  |  |  |  |  |
|                    | Industrial Psychology VI                | 1863UAIO | * |  | * | * | * | * | * | * |  |  |  |  |  |  |  |  |
|                    | Cognitive psychology VII                | 1864UACO | * |  | * | * | * | * | * | * |  |  |  |  |  |  |  |  |
|                    | Practicals in Cognitive Processes VIII  | 1865UAPT | * |  | * | * |   | * | * |   |  |  |  |  |  |  |  |  |
|                    | Counseling Psychology IX                | 1866UACP | * |  | * | * | * | * | * | * |  |  |  |  |  |  |  |  |
|                    |   |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
|                    | <b>Autonomy credits</b>                 |          |   |  |   |   |   |   |   |   |  |  |  |  |  |  |  |  |
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