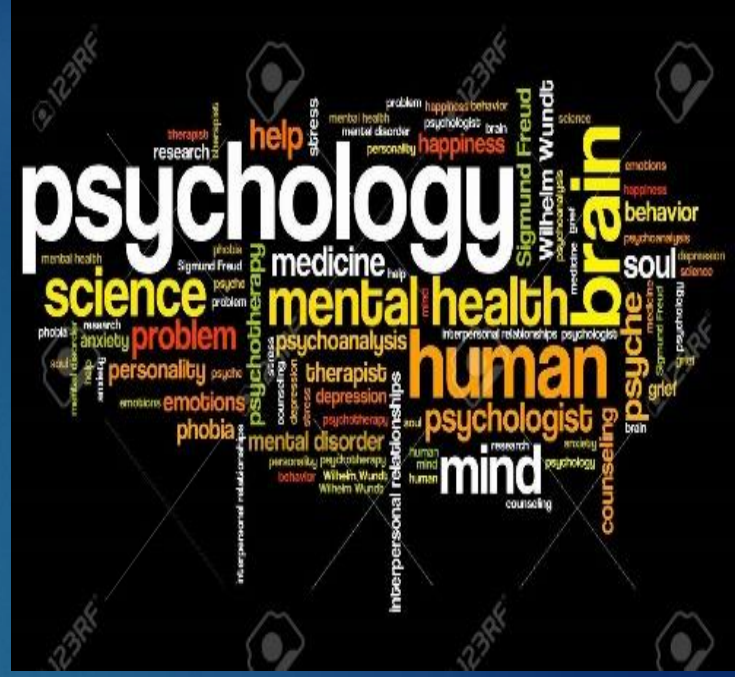
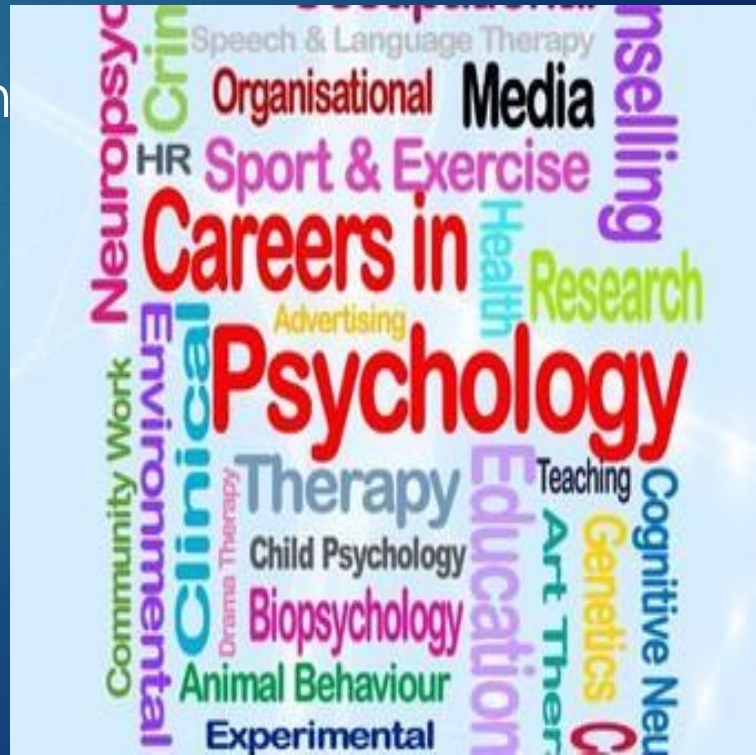
Subject Information Class XI – 2024-25

PSYCHOLOGY



- Psychology, as a discipline, specializes in the study of experiences, behaviors and mental processes of human beings within a socio-cultural context.
- Objective - The course develop an appreciation for psychological knowledge and its applications to various aspects of life.
- It facilitate students' quest for personal growth, effectiven and enable them to become responsive individuals.



- Career Avenues- **Clinical Psychologist, Counselling , Health Teaching and Research, Industrial/Organizational Psychology, Sports and many more….**

History

IMPORTANCE OF HISTORY AS A DISCIPLINE

a) History helps us develop a better understanding of the world.
b) History helps us understand ourselves and others .
c) History teaches a working understanding of change.
d) History helps us better decision makers.
e) History helps us develop a new level of appreciation for just about everything.

- Career:
- Archaeologist
- Museologist
- Museum Curator
- Archivists
- Civil Services

POLITICAL SCIENCE HAS GREAT SCOPE.

1. IT EQUIPS US TO APPLY SOCIAL ETHICS TO UNIVERSAL HUMAN PROBLEMS BY IDENTIFYING COMMUNITY NEEDS.
2. IT DEVELOPS COMMUNICATION SKILLS,CRITICAL AND LOGICAL THINKING AND DEBATING SKILLS - SKILLS ESSENTIAL TO A CAREER IN POLITICS.
3. IT PREPARES US TO PURSUE A CAREER IN LAW.
4. IT GIVES US AN INSIGHT INTO HUMAN BEHAVIOR AND ORGANIZATIONAL DYNAMICS EQUIPPING US WITH LEADERSHIP SKILLS IN THE FIELD OF BUSINESS. CEOS OF SEVERAL FORTUNE 500 COMPANIES ARE POLITICAL SCIENCE MAJORS
5. IN THE FIELD OF JOURNALISM - MEDIA THE KNOWLEDGE OF POLITICAL SCIENCE PROVIDES A VERY STRONG FOUNDATION.
6. ANYONE ASPIRING FOR THE CIVIL SERVICES BENEFITS OUT OF A KNOWLEDGE OF POLITICAL SCIENCE.
7. THE KNOWLEDGE OF POLITICAL SCIENCE HELPS IN THE SPHERE OF COMMUNITY ADVOCACY AND POLITICAL ENTREPRENEURS.
8. INTERNATIONAL ORGANIZATIONS (UNO, NGOS) RELY UPON KNOWLEDGE GAINED FROM POLITICAL SCIENCE.
9. POLITICAL ANALYSTS, LOBBYISTS AND GOVRNMENT LIAISONS IS ANOTHER AREA THAT CAN BE EXPLORED APART FROM TEACHING, RESEARCH AND ENVIRONMENTAL POLITICS.

Informatics Practices - Code No. 065

It is offered to students who apply for Commerce without Mathematics Stream

In Informatics Practices we learn :-

- Identify the Components of Computer System.
- Create Python programs using different data types, lists, dictionaries Series, Data frames and apply various operations.
- Perform aggregation operations, calculate descriptive statistics.
- Visualize data using relevant graphs.
- Explain Database Concepts and Relational Database Management Systems.
- Retrieve and manipulate data in RDBMS using Structured Query Language.
- Design SQL queries using Aggregate Functions.
- Import/Export data between SQL database and Pandas. (Linking Python with MySql)
- Learn Terminology related to Networking and Internet.
- Identify internet security issues and configure browser settings.
- Identify the Emerging trends in the fields of Information Technology.
- Explain the Impact of technology on society including gender and disability

Computer Science

Covers:

- Python: Detailed study of programming language
- Mysql: Basic commands of SQL
- Networking: Terms and detail study of technology involved

Benefits

- Development of coding skills
- Provides base for programming subject for first year of Engineering
- Career options related to hardware and software development.
- BCA
- Elligible for Bachelor of computer science courses.

Difference Computer Science and Informatics Practices

Informatics Practices	Computer Science
Offered to Commerce students	Offered to Science students
Designed as per commerce subjects covers aggregate functions and plotting of graphs connected to economics	Covers Python programming in detail, very helpful for higher studies in same stream.

IT STREAM (VOCATIONAL)

- INFORMATION TECHNOLOGY
- WEB APPLICATIONS

Main Objectives

- The present course curriculum been designed as such to make students capable of independently working on a desktop and to be able to develop applications to handle computations of small scale and record keeping.
- With extensive demand for designers the course aims at inculcating not only programming skills but also the understanding of graphics.
- Understand basics of databases and SQL to handle databases.
- Develop programming skills in Java.
- To familiarize the students with the web programming languages and photo editing software.
- To make the students capable of publishing a website independently.

FURTHER STUDIES

- BA (programming) and other programming oriented applied undergraduate courses of different universities.
- Bachelor of Computer Applications (BCA)
- Graduation in Multimedia and Website Designing
- Diploma in Web Designing
- PG Diploma in Internet & Web Designing.
- Graduation and Diploma courses in E-Commerce and web Design.
- B.A LLB or BBA LLB
- B.A
- BBA
- HOTEL MANAGEMENT
- JOURNALISM

Career Opportunities

- Customer Service Associate
- Customer Service Representative
- Customer Care Executive
- Customer Service Advisor
- Helpdesk Coordinator
- Customer Support Representative
- IT Support Specialist
- Documentation Assistant
- Programming Assistant
- Web Applications Developer
- Front End Web Developer
- Back-end web Developer
- Design and Layout analyst
- Web marketing analyst
- Senior Web analyst
- Brand Development
- E-Commerce Design and Development
- Product Designer
- Design Studio
- IT companies
- UX Designer (User Experience Designer)
- U I Designer (User Interface Designer)

ENTREPRENEURSHIP

IT STREAM

Subject offered in IT Stream

- Entrepreneurship is a procedure of designing , beginning and running a new business. Example : a Start-Up company offering a product or service.
- It is a course offered like any other course within the CBSE XI and XIIth division for the Board exam system .
- It offers basic insight and understanding into the Principles of Entrepreneurship. Such as definitions, types, requirements, government assistance and programs, financial reports, etc.
- Knowledge of Entrepreneurship after BCA can help you give a kick start to a business on your own.
- Entrepreneurship as a subject done in high school can help you start your own restaurant after a degree in Hotel Management.