

Level of attainment of POs, PSOs and COs

PO1: B.Sc. Programme: The PO offers critical thinking, during the three year period of study, the curriculum provokes the mental thoughts and assumptions in the students. This leads to the students to take up practical work and compare the results with the assumptions. This encourages the student about the accuracy and validity of the practical knowledge. This Analysis leads to take decisions at intellectual, organizational and personal from different perspectives.

PO2: All the UG programmes have English and Telugu / Hindi / Sanskrit as compulsory language subjects. The motto behind this is to promote the language skills like reading, speaking, writing, and listening by each student in the class. The college established an English language laboratory to give practice in vocabulary, accent, usage and communicative skills.

PO3: B.A. Programme: B.A programme curriculum mainly focused on social interaction, specially history and political science topics discuss with the social relationships effect good as well as bad. How to face elicit use of others in proper way i.e. positive thinking. The character development in such a way to mediate this agreement which helps in to reach conclusion on group settings.

PO4: The programmes with humanity subject specifically political science throws light on effective citizenship. This involves in development of a ideal society with social concern and equity centered national development. This type of education develops among the students the ability to act with an awareness of issues and participating in civic life through volunteering.

PO5: All the UG programmes include the curriculum valued with ethics concern. The learning usually address co existence of the sentiment “I” and material body, understanding the need of self and body, understanding the body as an instrument of “I”. Harmony in the family and society – harmony in human – human relationship, understanding the harmony in the family – the basic unit of human interaction. Trust and respect as the foundational values of relationships. This course is covered in the I semester of the UG degree.

PO6: All the UG programs also throw light on to awake the students regarding a concept on “Environment and sustainability “. The curriculum is designed in such a way to understand the issues of environmental contexts and sustainable development.

PO7: All the UG programs offer 4 selective papers in the Vth and VIth semesters, impart human values, professional ethics ,a better understanding on Environmental studies ,

communication and soft skills information and communication. This also promotes analytical skills, entrepreneurship and leadership qualities in the students.

PO8: B.Com Programme is offered to UG Students is a three year programme. This has a motto of the following programme outcomes.

- To train the students about the commerce concepts in daily life.
- To gain the knowledge in financial accounting, management functions, budget and its preparation.
- Knows about the commercial geography of soil types, commercial crops, transportation facilities like land, air and water etc.
- By the end of this programme, the student attain the commercial skills to get employment or self employment can start a small scale, a large scale industry or accountant.

PO9: The B.Com with computer applications programme also targeted at computer applications in Commerce course. The students gain the skills in preparing the budget, computation of tax, preparation of balance sheet etc. with the help of computer system

PO10: B.B.A is the basic platform students who is serious of getting through a good MBA programme.

- B.B.A lays the basics of management education
- This degree aims to provide fundamental education in business and management principles.
- This course allows the students to specialize in one of the multiple specialization areas such as international business, finance, real estate, computer information system, marketing or accounting.
- B.B.A programme can offer practical management training that can prepare the students to successfully work with in large or small organizations. i. e. sales executives, management trainees, research assistants, office executive officers, assistant managers.

Course Outcomes for Certificate Courses

Course- Beauty Care Science-

CO1: Write about Bleaching

CO2: What are the differences between manicure and pedicure

CO3: Write about different types of Hair cuts and Hair Styles

CO4: Write a note on Skin types and Face pack

CO5: Write a note on Business Management

CO6: What are the differences between Advanced Facial and Japanese facial

CO7: Explain in detail Dandruff-Treatment

CO8: Write about Advance pedicure

Course- Multimedia- Adobe Photoshop

CO1: Explain about Graphics File Formats

CO2: Explain Shadows, Highlights and Midtones of an image

CO3: How to create, open, save the photoshop image

CO4: Draw and explain about Tool Box tools in photoshop.

Course- Web Technologies

CO1: Explain about Table tags with example.

CO2: What is java script. Explain mathematical functions in java script

CO3: What is an exception handling? Explain.

CO4: Explain rollover buttons, multiple pages in single window.

Course- Tailoring

CO1: Explain the history of stitching machine?

CO2: How to stitch Jubbahs, Napkins? Explain?

CO3: Explain how to cut Chudi Pant?

CO4: Explain ways to stitch a Umbrella Baby frock?

Course- Medical Laboratory Assistant Training Program

CO1: Explain Urinary system, urine formation, urine collection and urine preservation

CO2: Explain Blood grouping and Rh typing and blood cross matching

CO3: Explain Glucose tolerance test (GTT)

CO4: Explain Anaemia and Leukemia

Course- NCC-I Degree

CO1: Explain the difference between Line Thore and Visarjan

CO2: Explain the main traits of a leader

CO3: Explain the various positions to be taken while firing

CO4: Explain national integration importance for progress of any nation

Course - NCC-II Degree

CO1: Explain various kinds of civil defence services?

CO2: Explain the sequence of fire control orders

CO3: Explain the role of NCC cadets during disasters

CO4: Explain various methods of judging distance

Course: Quantitative Aptitude

CO1: Find the average of first five multiples of 3.

CO2: Explain problems on Blood relations

CO3: Explain Mixed number coding

CO4: Explain Letter coding

Course: Android Applications

CO1: Write all the Versions of android

CO2: Write a brief note on Android architecture

CO3: Explain How to use fragments

CO4: Explain How to create AVD

Course - Mushroom Cultivation

CO1: Explain Morphology & Classification

CO2: Explain Edible & poisonous mushrooms

CO3: Explain Spawn production

CO4: Explain Entrepreneurship in mushroom cultivation

Course- Yoga

CO1: Write about ashtanga yoga

CO2: Write Different types of yoga methods

CO3: Explain Different types of yoga methods

CO4: Explain Benefits of vakrasana

Course -Journalism

CO1: Explain the modern news papers

CO2: Write the brief history of printing.

CO3: Write about Kandukuri Viresalingam

CO4: Write about Kasa Subbarao

Course -Fabric Embellishment

CO1: Explain various methods of Transferring Design

CO2: Explain methods of Brushing techniques in fabric painting

CO3: Prepare a sample of Screen Printing design by using Normal binder and Foil Binder

CO4: Draw a design and prepare a sample using Herring Bone and Bullion Stitches

Course -Travel &Tourism

CO1: Explain the Tourism policies of India

CO2: Explain in brief travel Agencies,usages,Tourist accommodation, food catering

CO3: Explain Tourism in Andhra Pradesh

CO4: Write a note on Monumental Heritage

Course - MS Office

CO1: How to insert graphics and pictures in Ms.Word

CO2: Explain How to insert table in Ms.Word?

CO3: Explain different features of Ms.Excel

CO4: Explain how to create presentation in Ms.Power point

Course-Tally

CO1: Explain Control Ledger groups

CO2: Explain sales tax and profit margins

CO3: Demonstrate company creation with two partners

CO4: Explain Profit and loss accounts

U.G - English Programme:

PSO1: To develop and integrate the use of the four language skills. i.e. Reading, Listening, speaking& writing.

PSO2: To use English effectively for study purpose across the curriculum.

PSO3: To develop interest in and appreciation of literature.

PSO4: To Communicate effectively and appropriately in real life situations.

CO1. Abilities in comprehension passage.

CO2. Letter writing.

CO3. Preparation of curriculum vitae.

U.G – Telugu Programme:

Pso1: Empower the knowledge in Telugu Language.

Pso2: Improve writing skills about writing short stories, stories etc

CO1. Differentiate the methods of old and modern poetry thoughts.

CO2. Understand the culture of old society and comparison with modern trends.

U.G – Hindi Programme:

PSO1 Improve the Language Efficiency

CO1. Protection of traditional customs without influence by modern attraction.

CO2. To face the unfavorable conditions bravely.

CO3. Eligibility to PG in Literature.

U.G – Sanskrit Programme:

Pso - 1 Samskrutha basha deva basha vedhalu vupanishathulu.

Pso - 2 Samskruthi sampradhayanu patistharu.

CO1. Translation of Sanskrit literature into Telugu and vice-versa.

CO2. The Sanskrit language also helps the students to pronunciation of words.

B.Sc. Mathematics Programme:

PSO1: Understand the Concept of Differential Equations of first order and first degree Orthogonal Trajectories, Differential Equations of the first order, Understand the Concept of the The Plane, The Line, Sphere ,Cones ,Cylinders and Conicoids.

PSO2: Understand the Concept of Groups ,Subgroups,. Understand the Concept of Real Numbers, Sequences, Continuous Functions, Differentiation and Reimann Integration.

PSO3 : Understand the Concept and mathematical literacy in vector spaces, vector differentiation and vector integration.

PSO4 : Apply the previous Knowledge on Integration & Differentiation to understand –Beta & Gamma functions and analyze the basic concepts of Bessel's equations, Hermite Polynomials , Laguerre Polynomials and Legendre's equation.

Student attainment relating to:

Course

CO1. Analytical skills

CO2. Reasoning

CO3. Data analysis and interpretation.

CO4. Comparative studies of special functions.

CO5. Eligibility to PG education in mathematics.

B.Sc. Physics Programme:

PSO1.Apply the basic laws of physics in the areas of classical mechanics, Newtonian gravitation, Special Relativity, electromagnetism, geometrical and physical optics, thermodynamics and statistical mechanics.

PSO2.Analyze the quantum methods in the solution of problems involving atomic spectra, blackbody radiation, the photoelectric effect, X-ray emission, the structure of the atom, and one-dimensional potentials.

PSO3.Understand classical experimental techniques and modern measurement technology including analog and digital electronics, laboratory test equipment, optics, lasers, and detectors.

PSO4. The student develop good experimental technique, including proper setup and care of equipment, conducting experiments and analyzing results and make meaningful comparisons between experiment and theory.

Course

CO1. Attained the knowledge of application of Newton's laws of motion to modern technology like rocket development and its motion.

CO2. Relating to thermodynamic knowledge the student gain the knowledge of refrigeration-cooling technology.

CO3. Under optics gain the skills relating to laser beam technology, fiber optics, holography.

CO4. Knowledge relating to A.C And D.C current, working of generator, dynamo, GM Counter,

CO5. As scientific assistant in space research.

CO6. Progression to PG education in Physics.

B.Sc. Chemistry Programme:

PSO1. Understand the structural difference among solids, liquids , gases and solutions

PSO2. Explain the electrical and thermal properties of d- block elements through Free Electron Theory, Valency Bond Theory and Band Theory

PSO3. Analyze the structures of glucose, fructose and sucrose and their chemical properties

PSO4. Use spectrophotometer to analyze known and unknown organic and natural compounds.

Course

CO1. Gains the knowledge relating to analysis of different drugs quantitatively.

CO2. As Project assistant in research laboratories, forensic labs, Pollution control board .

CO3. Progression to PG education in Chemistry.

B.Sc. Botany Programme:

PSO-I The students gained the knowledge relating to the interrelations hips of different plant groups and their evolutionary tendencies

PSO2 – The students gained the knowledge enough to differentiate animals plants and Micro organisms with their distinguishing characteristics.

PSO 4 - Student of the gained the Knowledge and acquired capability of application of Knowledge in the areas of like Agriculture, Plant Medicines, Horticulture and Tissue culture.

Course 1

CO1. Gains knowledge relating to medicinal botany, cell biology, genetics plant physiology, taxonomy, economic botany.

CO2. Progression to PG education in botany, Environmental science, biotechnology, bio informatics, bio chemistry, microbiology, genetics.

CO3. Self employment through mushroom cultivation, nursery activity.

B.Sc. Zoology Programme:

PSO 1 : This also led to the concept of Ecological adaptations and also gained knowledge of inter relationships of the animal with other groups like plants and microbes.

PSO 2 : The laboratory procedures followed by the students to gain practical knowledge about the

Specimen observation and its classification depending on the observed characteristics, Determination of PH , Alkalinity, concentration of oxygen in the given water sample and also analysis of human blood regarding types of blood groups(A,B,AB,O), Estimation of Haemoglobin, total count of RBC ,WBC etc.

PSO 3: The student understood the applications of zoology in Aquaculture, Vermiculture, Sericulture, Poultry Science and Fundamentals of Clinical Science and Immunology.

Course

CO1. Attained knowledge relating to cell biology, genetics, clinical science, physiology.

CO2. Progression to PG education in zoology, aqua culture, , Environmental science, Bio-technology, bio informatics, bio chemistry, microbiology, Human genetics, Marine biology.

CO3. The student get employment by industries/self employment in poultry, veterinary, Aquaculture.

B.Sc. Home science Programme:

PO1. Develop Professional skills in food nutrition, textiles, housing, human development & communication technologies.

PO2. Acquire professional and entrepreneurial skills for economic empowerment of the students in particular and community in general.

PO4. Learn about the sciences and technologies that enhance quality of life of people.

PSO1 -Understand the role of microbes, and biochemical changes in human health

PSO2-Enhances Nutritional knowledge required to be healthy physically and psychologically.

PSO3-Equips knowledge from fiber to fabric which is one of the basic human need

PSO4-Augment the young minds with managerial skills to lead a better family life.

Course

CO1. As dietician in corporate hospitals.

CO2. Can establish own enterprises like boutiques, small scale industries, preschool, day care centers etc.

CO3. Can do interior decoration and event management.

CO4. To employ as child development project officer in women development and child welfare departments, NGOs, and child guidance clinics.

CO5. Progression to PG education.

B.A. History Programme:

PSO-1 Understand the behaviour of Indian culture, Indian different kingdoms Religious movements ashoka dharma policies

PSO-2 Analyse Age of Rationalism and Humanism the World between 15th & 18th, Modern Andhra

PSO3- Understand Modern Andhra History & Travel & Tourism management

Course

CO1. Able to know about the Information relating to social and culture of Mouryan Empire, Gupta's, Allauddin khilji administrative reforms etc.

CO2. Explain the socio-religious reforms movement in 19th century, results of 1857 revolt.

CO3. Estimation of tourism as industry, tourism policies in India.

CO4. Knowledge of travel agencies and details of tourism accommodation, food catering etc.

CO5. Progression to PG education in history.

B.A. Economics Programme:

PSO- 1 Understand the behavior of Indian and World Economy inflation, unemployment and poverty.

PSO - 2 Analyze Macro Economic policies including Fiscal and Monetary policies in India.

PSO 3 - To understand consumer and producer behaviours, price determination, Market systems, Distributions.

Course

- CO1. Able to explain different concept of unemployment, poverty, inequalities, analysis regarding A.P state economy , issues in finance sector, analysis on maximization theories, public revenue and debt and theories of taxation.
- CO2. Progression of the students to Masters degree and competitive examinations.

B.A. Politics Programme:

PSO1: Analyze the concepts of political science and relationship between political theories and political institutions, Indian constitution and dynamics of Indian political system

PSO2: Understand the various political thoughts by West term thinkers as well as Indian thinkers.

PSO3: Students gained the knowledge regarding fundamental rights mentioned in Indian Constitution and trends in public administration.

Course

- CO1. The students has the power of analysis regarding functions of Indian President, state Chief Minister, powers of election commission.
- CO2. Analysis of different ideologies of Plato, Hobbes social contract theory, Rousseau's
- CO3. Theory concept of Kautilya, B.R. Ambedkar political philosophy, Dr. Jaya Prakash Narayan's political thought.
- CO4. Able to explain the differences between modern and post modern administration.
- CO5. Progression to the students to Masters Degree, employment, competitive examinations.

B.Com. Commerce Programme:

PSO1: Basic Concepts in Financial Accounting, Taxation, Vouching.

PSO2: Duties, Rights and liabilities of Auditor.

PSO3: Management Functions.

PSO4: Preparation of Cost sheets.

PSO5: Preparation of Profit & Loss A/c and Balance sheet under Banking Companies Act 1949, Funds Flow Statement & Cash Flow Statement.

Course

- CO1. The student attained the knowledge relating to accounting concepts, double entry System, accounting formulas, closing accounts.
- CO2. Can prepare the cash book, preparation trade bills, cash and passbook difference.
- CO3. Ledger book maintenance and trail balance.

CO4. Employed as accountant in business firms, organizations etc.

CO5. Progression to PG education in commerce / Employment .

B.B.A Programme:

PSO1: Basic Concepts in Financial Accounting, Taxation and Vouching

PSO2: Duties, Rights and liabilities of Auditor

PSO3: Management Functions

Course

CO1. Knowledge of vision and management principles, international business, finance, real estate, computer information system, Marketing or accounting.

CO2. Students acquire practical management training, as sales executives, management trainees, research assistant, office executive etc.

CO3. Progression to M.B.A PG Programme/Employment.

B.Sc. Computer Science Programme:

PSO 1: Understanding of the principles and working of the hardware and software aspects of computer systems.

PSO 2: Understand, analyze and develop computer programs in the areas related to algorithms, multimedia and web design for efficient design of computer-based systems of varying complexity.

PSO 3: Perform Programs in the programming languages of C, C++, Java, DS, C#. Net, DBMS, Web Technologies.

PSO 4: Understanding the applications of computer Science in Office work,

Software development, Photo Studios and Internet centers.

course

CO1. The ability to interpret the fundamental concepts and methodology of computer systems.

Students can understand the functionality of hardware and software aspects of computer systems.

CO2. Students able to complete successfully program small-to-mid-size programs on their own and attained the programming languages of C, C++, Java, DS, C#. Net, DBMS, Web Technologies.

CO3. Methodologies of software systems. Possess competent skills and knowledge of software

design process.

CO3. a career in an information technology oriented business or study in computer science.

CO4. Progression to P.G Programmes.

B.Sc. Statistics Programme:

PSO1 : Understand the concept of mean,mode,central tendency, analysis of categorial data,probability, and random variables.

PSO2: Understand the Bivariate random variable,correlation and regression ,Partial correlation,and Exact sampling distributions.

PSO 3 : Sampling techniques,Analysis of variance ,time series,Indian statistical system,Importance of SQC,Acceptance sampling,Linear programming problem and Reliability .

PSO4 : Design of experiments ,Index numbers,Vital statistics,Demand analysis,Transportation problem,Assignment problem ,Sequencing problem and Game theory .

Course

CO1. The students attainment relating to analysis of strategy in game theory in industry.

CO2. Sampling technique in statistical quality control- assessment of quality of the product.

PG –M. Sc- Organic Chemistry Programme:

PSO1. Understand the Concept of Aromaticity to Organic Compounds and Natural Products

PSO2. Explain the properties of metal Complexes and Transition Elements.

PSO3. Analyze the indicators and Sampling techniques.

PSO4. Use spectrophotometer to analyze known and unknown organic and natural compounds. Through UV, IR NMR Mass data

PSO5. Applies the uses of drugs and Antibiotics in Daily life.

Course

CO1. Students are able to analyze the sample and to control or decrease the byproduct – Impurities in various drug samples.

CO2. As a quality controller in food industry to improve the quality of food products by using preservatives.

CO3. They get knowledge in handling in instrumentation, structural determination of unknown compound by using spectral data.

CO4. Able to analyze the synthesis of unknown organic compound by disconnection approach

CO5. Eligibility towards research / employment.

P.G M.Sc Mathematics programme :

PSO1: Understand the concept of Group theory - Sylow's theorem - Ring Theory - Homomorphisms - Ideals and quotient Rings - Euclidean rings

PSO2: Apply the previous Knowledge on Continuity, continuous functions-continuity and connectedness. Discontinuities, Monotone functions, Mean value theorems, L' Hospital' s rule. Derivatives of higher Order, Taylor' s theorem.

PSO3 : Understand the concept of the two phase Method for artificial variables ; phase-I; Phase-II; Numerical examples of the two phase method, unbounded solution in the primal computational procedure for standard form I,II,III;

Students gained the knowledge in abstract algebra, Number theory, advanced mathematical methods.

Course

CO1. Students are able to apply mathematical methods and models to study various problems

that arise in industry and business with an emphasis on developing computable solutions that can be implemented.

CO2. Eligibility towards research / employment.

P.G. M.Com Programme:

PO -1 The M.Com course offers an opportunity for graduates to acquire theoretical as well as practical inputs in commerce.

PO -2 A Master's graduate in commerce has the advantage of entering in to a career either in academics, research.

PO -3 alternatively enter in to other professional areas of commerce and finance such as taxation, consultancy and financial services.

PSO-1 Acquire strong subject- matter, expertise in finance, financial instruments and markets

PSO-2 Develop advanced theoretical knowledge and research capabilities in their

PSO-3 preparation for academic and research focused careers.

PSO-4 Pursuing professional courses such as CA ,CS, CMA ,CFA etc.

PSO-5 Able to handle computer based software in areas of Accounting, Taxation, and Banking.

PSO-6 Ability to work in teams with enhanced communication and inter-personal skills.

Course

CO1. Students gain the knowledge relating to accounts, statistics management, taxation, banking, economics, I.T, financial instruments and markets.

CO2. Student acquires not only the theoretical knowledge but also practical input in commerce and management, research capabilities in academic and other careers.

- CO3. Able to handle computer based jobs in the areas of accounting, taxation and banking.
- CO4. Pursue professional courses such as CA(chartered accountant), CS(company secretary),
CMA(cost and management accountant), CFA(Chartered Financial Analyst),
ICWA(institute of cost and work accounting).

P.G. M.A English Programme:

- PO1 -Demonstrate mastery of the discipline by detailing the development of Literature
- PO2 -Engage in research that leads to a substantial original thesis in their course
- PO3 -Perform all activities in an ethical manner
- PSO1 -An Awareness of the literary past
- PSO2 - Appreciate the importance of major literary genres, subgenres and periods
- PSO3 -Develop and carry out research projects to inculcate research aptitude
- PSO4 - Recognize and comprehend different varieties of English

Course

- CO1. The students gain teaching skills like rendering the lecture, giving away seminar, explaining the novels and characters in it and will be able to demonstrate it with small skits.
- CO2. The student will gain the analysis process even in terminology, vocabulary origin, usage
comparisons of classics to modern poetry, awareness of culture and civilization.
- CO3. Students develop the language skills like listening, speaking, reading and writing.

Eligibility towards research / employment.