



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

UG PROGRAMME SPECIFIC OUTCOMES (PSOS)

B.A HISTORY, ECONOMICS, POLITICS (HEP):

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Compare the present and past historical claims and provide insight into. The global challenges of today's world	L2
PSO2	Understand the importance of making choice between desirable Alternatives and determine the relationship between the government and the individual.	L3
PSO3	Acquire a systematic knowledge of different areas of study in history, Economics and political science and the link ages between them.	L3

B.A., SOCIAL WORK, ECONOMICS, POLITICAL SCIENCE (S.E.P.)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Generalize a basic knowledge of economical concepts, techniques and skills to data analysis and draw conclusions.	L2
PSO2	Implement problem solving skills in real life situations	L3
PSO3	Develop creative skills, critical thinking, employability skills, social sensibility and responsibility	L6

B.A. , GEOGRAPHY, HISTORY, SPECIAL TELUGU(G.H.T.)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Analyze human-0environment interactions, exploring topics such as urbanization, environmental degradation, and sustainable development.	L4
PSO2	Explore key historical events, periods, and movements from ancient civilizations to the modern era, with a focus on critical analysis and interpretation.	L3
PSO3	Explore the rich cultural heritage of Telugu-speaking regions, including literature, folklore, performing arts, and traditions.	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.A., GEOGRAPHY, HISTORY, POLITICS (G.H.P)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Acquainted with the social, economical, historical, geographical, political, ideological and philosophical tradition and thinking.	L3
PSO2	Empowers the graduates to appear for various competitive examinations or choose the post graduate program of their choice.	L4
PSO3	Acquire knowledge with human values, framing the base to deal with various problems in life with courage and humanity.	L3

B.SC., MATHEMATICS, PHYSICS, CHEMISTRY (M.P.C)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way.	L2
PSO2	Analyze the concepts of mathematics, physics and chemistry and understand the relation among them like physical chemistry, mathematical modelling of physics and chemistry problems	L4
PSO3	Ability to interlink the skills and knowledge in mathematics, physics and chemistry and develop an aptitude to address the problems in biophysics, stock market analysis.	L3

B.SC., STATISTICS, MATHEMATICS, PHYSICS (S.M.P.)

PSOs	PROGRAMME SPECIFIC OUTCOMES	level
PSO1	Develop Analytical and Logical skills for higher education	L3
PSO2	Acquire knowledge in theoretical, Experimental grounds and Data Science.	L3
PSO3	Analyse the concepts of Mathematics, Statistics and Chemistry able to use them in algorithm design and data science	L4



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.SC., GEOLOGY, MATHEMATICS, PHYSICS.(G.M.P)

PSOs	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Apply quantitative and qualitative methods to analyze geological data, including interpretation of geological maps, seismic data, and remote sensing imagery.	L4
PSO2	Demonstrate proficiency in Mathematical Modeling techniques to represent and solve real-world problems in various Scientific and Engineering domains.	L2
PSO3	Demonstrate a deep understanding of classical mechanics principles, including Kinematics, Dynamics, and Conservation laws.	L2

B.SC., MATHEMATICS, PHYSICS, COMPUTER SCIENCE (M.P.CS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the concepts of Vector spaces, Group theory, quantum mechanics, optical, thermal, electrical, mechanical properties of a materials, probability, algorithm design, database.	L2
PSO2	Analyze the concepts of mathematics, physics and computers science able to relate programming of models of physical system	L4
PSO3	Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.	L3

B.SC., MATHEMATICS, ELECTRONICS, COMPUTER SCIENCE (M.E.CS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the concepts of basic electronic components, networks, communication systems, microprocessors and micro controllers, algorithms, C language, Arduino programming, Networking, cloud and Big Data.	L2
PSO2	Analyze the concepts of Mathematics, Electronics and Computer Networks and able to use them in solving real world problems	L4
PSO3	Acquire the skills to use various electronic components, microprocessor, micro controller, Adriano, Raspberry PI and simulators	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.SC., MATHEMATICS, STATISTICS, COMPUTER SCIENCE (M.S.CS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the concepts of vector spaces, group theory, probability, distributions, sampling techniques, algorithm design, data base design and web design.	L2
PSO2	Analyze the concepts of Mathematics, Statistics and Computer Science able to use them in algorithm design and data science.	L4
PSO3	Acquire the skills to use various sampling techniques, statistical inference, data analysis in MS-Excel, implementation of numerical algorithms by using various programming languages	L3

B.SC., BOTANY, ZOOLOGY AND CHEMISTRY (B.Z.C)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Emphasizes the diversity in form and function of plants and animal. Create an awareness of the impact of Chemistry on the environment, society, appraise role of green chemistry in environment sustainability.	L6
PSO2	Understand the fundamental theories, concepts and applications in four basic areas of research in Chemistry (Analytical, Inorganic, Physical & Organic).	L2
PSO3	Develop the ability to explore new areas of research in Chemistry and allied field.	L3

B.Sc .LIFE SCIENCES (B.B.C.,B.M.B.,)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Analyze hypothesis, procedures, results and draw conclusions	L4
PSO2	Demonstrate the concepts, principles, classifications, theories and mechanisms and Apply tools and techniques in solving problems.	L2
PSO3	Develop communicative competence, creative and critical thinking, practical, technical and employability skills, social sensibility and responsibility.	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.Sc. (MB.BC.Cs and MB.C.Cs)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Analyze and represent the data using different ways of Graphical and Diagrammatic representation.	L4
PSO2	Acquire methodical and logical understanding of the fundamental concepts in Physical, Organic, Inorganic, Analytical and all other integrated Chemistry subjects	L3
PSO3	Develop critical thinking and problem solving skills through solving by adopting research based pedagogical tools.	L3

B.SC. , MATHEMATICS, GEOLOGY, COMPUTER SCIENCE.(M.G.CS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Analyse complex problems, evaluate information, synthesize information, apply theoretical concepts to practical situations, identify assumptions and biases, make informed decisions and communicate effectively.	L4
PSO2	Employ theoretical concepts and critical reasoning ability with physical, mathematical and technical skills to solve problems, acquire data, analyze their physical significance and explore new design possibilities	L3
PSO3	Apply scientific methods, collect and analyse data, test hypotheses, evaluate evidence, apply statistical techniques and use computational models.	L4

B. SC., MATHEMATICS, CHEMISTRY, COMPUTER SCIENCE(M.C.CS.)

PSOs	PROGRAMME SPECIFIC OUTCOMES	level
PSO1	Analyse the concepts of Mathematics, Chemistry and computers science.	L4
PSO2	Apply the skills to study the properties of materials, implementation of numerical algorithms by using various	L3
PSO3	Acquire an aptitude to address the problems in simulations of material properties, web and	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B. SC., GEOLOGY, PHYSICS, CHEMISTRY (G.P.C)

PSOs	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Acquire a solid base of knowledge in the science of geology as a whole as well as earth history, sedimentation , stratigraphy structural features, geomorphic processes and landforms.	L3
PSO2	Demonstrate the ability to use Clinometer and Brunton compass, and toposheets in geological investigations.	L2
PSO3	Apply principles of Chemistry and Physics to geologic problems.	L3

B.SC., MATHEMATICS, CHEMISTRY, GEOLOGY.(M.C.G.)

PSOs	PROGRAMME SPECIFIC OUTCOMES	level
PSO1	Acquire a solid base of knowledge in the science of geology as a whole as well as earth history, sedimentation , geomorphic processes and landforms.	L3
PSO2	Analyze the ability to use Clinometer and Brunton compass, and toposheets in geological investigations	L4
PSO3	Apply principles of Mathematics, Chemistry, and Physics to geologic problems.	L3

B.SC., ZOOLOGY, CHEMISTRY, AQUA TECHNOLOGY(Z.C.AT)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Gain knowledge about applied fields like sericulture, fisheries, apiculture, poultry and dairy farms along with tissue preparation, molecular and statistical techniques.	L2
PSO2	Understanding about various concepts of genetics and its importance in human health.	L2
PSO3	Apply ethical principles and commit to professional ethics and responsibilities in delivering duties.	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.VOC. COMMERCIAL AQUACULTURE

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Acquire knowledge in the biology of aquatic organisms including taxonomy, physiology, anatomy along with the application of biotechnology and microbiology in the processing of seafood products.	L3
PSO2	Identify and formulate technologically sound, economically feasible as well as socially relevant projects with the help of statistical tools	L2
PSO3	Recognize and apply socially relevant principles of economics to ensure profitability of own business and creating awareness on fisheries governance and policies.	L6

B.COM. (GENERAL):

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the nature, scope and concepts of Accounting, Business Operations and Management.	L2
PSO2	Analyze the relationship between Accounting, Auditing and Taxation.	L2
PSO3	Understand the application of Corporate Accounting Principles and Practices in real time business situations	L3

B.COM.(COMPUTER APPLICATIONS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the nature , scope and concepts of Accounting ,Business Operations and Management.	L2
PSO2	Understand the concepts of computer software and apply its applications in business operation	L3
PSO3	Acquire and develop Business analytics and e-commerce skills	L3



DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B⁺⁺' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

B.COM. (VOCATIONAL COMPUTERS)

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Understand the nature, scope and concepts of Accounting, Business Operations and Management.	L2
PSO2	Understand the concepts of computer software and its applications in business operations	L3
PSO3	Develop the students with communication ,leadership and entrepreneurial skills.	L3

B.VOC. RISK MANAGEMENT

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Demonstrate knowledge of the range of financial and financial related risks facing organizations.	L2
PSO2	Identify, interpret, and evaluate issues and implications associated with RMI in the global business environment.	L3
PSO3	Develop skills to facilitate insurance product COt and pricing, marketing, and distribution.	L3

B.VOC. ACCOUNTING AND TAXATION

PSOS	PROGRAMME SPECIFIC OUTCOMES	LEVEL
PSO1	Apply knowledge of essential concepts, principles and theories relating to accounting and taxation	L3
PSO2	Perform Accounting, Banking, Financial, Taxation, Managerial and Insurance transactions	L6
PSO3	Prepare and furnish required reports using ICT	L6