



SGK GOVERNMENT DEGREE COLLEGE

(Affiliated to Acharya Nagarjuna University)

Vinukonda – 522 647, PALANADU District

Programme Specific Outcomes: B.Sc - Physics

PSO1: Improve their academic abilities, personal qualities and there by behave as responsible citizens and define the basic laws involved in Physics.

PSO2: Understand the concepts and significance of the various physical phenomena and carry out experiments to understand the laws and concepts of Physics.

PSO3: Apply the skills acquired to solve daily life problems.

PSO4: Acquire a wide range of problem solving skills, both analytical and computational and to apply them.

PSO5: Acquire analytical and logical skill for higher Education.

PSO6: Take up jobs in the subject related areas and be confident to take up competitive exams.

PROGRAMME SPECIFIC OUTCOMES

B.SC (MPC)

After completion of the Graduation in B.Sc., the student will able to:

PSO 1: Understand the theoretical concepts of physical and chemical properties of materials and the role of mathematics in dealing with them in a quantitative way.

PSO 2: Analyze the concepts of mathematics, physics and chemistry and understand the relation among them like physical chemistry, mathematical modeling of physics and chemistry problems. Skills needed to handle instruments and adopt lab procedures to study physical chemical properties of materials.

PSO 3: Mathematical, numerical techniques required to model them.

PSO 4: Ability to interlink the skills and knowledge in mathematics, physics and chemistry and develop an aptitude to address the problems.

PSO 5: Learn problem solving techniques related to Mathematics, Physics and Chemistry

PROGRAMME SPECIFIC OUTCOMES

B.SC (MPCS)

After completion of the Graduation in B.Sc., the student will able to:

PSO 1: Understand the concepts of vector spaces, group theory, quantum mechanics, optical, thermal, electrical, mechanical properties of a materials, probability, algorithm design, data base

PSO 2: Understand the concepts of vector spaces, group theory, quantum mechanics, optical, thermal, electrical, mechanical properties of a materials, probability, algorithm design, data base

PSO 3: Analyze the concepts of mathematics, physics and computers science able to relate them in numerical programming of models of physical systems.

PSO 4: Acquire the skills to study the properties of materials, implementation of numerical algorithms by using various

PSO 5: Ability to interlink the skills developed and acquires an aptitude to address the problems in simulations of material properties, web and mobile app development.