

SURA'S

TNPSC GROUP II, IIA, IV & VAO and all other Exams. Science

PHYSICS, CHEMISTRY, BIOLOGY & COMPUTER SCIENCE

By

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**Based on
Equitable (Samacheer)
Syllabus**



SURA COLLEGE OF COMPETITION

Chennai

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TNPSC - SCIENCE

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New Samacheer Syllabus 2021-2022

SCIENCE

6-th Standard 1 - 64

PHYSICS : ● Measurements ● Forces and Motion ● Heat ● Electricity
● Magnetism

CHEMISTRY : ● Matter Around us ● Changes Around Us ● Air ● Water
● Chemistry in Everyday Life

BIOLOGY : ● Living World of Plants ● Living World of Animals ● Health and Hygiene ● The Cell ● Human Organ Systems ● Our Environment ● Plants in Daily Life

COMPUTER SCIENCE : ● Computer - An Introduction ● Parts of Computer
● Hardware and Software

7-th Standard 1 - 96

PHYSICS : ● Measurement ● Force and Motion ● Heat and Temperature
● Electricity ● Light ● Universe and Space

CHEMISTRY : ● Matter Around Us ● Atomic Structure ● Changes Around Us
● Polymer Chemistry ● Chemistry in Daily Life

BIOLOGY : ● Reproduction & Modification in Plants ● Health and Hygiene
● Cell Biology ● Basis of Classification ● Animals in Daily Life

COMPUTER SCIENCE : ● Visual Communication – I ● Digital Painting ● Visual Communication – II

8-th Standard 1 - 128

PHYSICS : ● Measurement ● Forces and Pressure ● Light ● Heat ● Electricity
● Sound ● Magnetism ● Universe and Space Science

CHEMISTRY : ● Matter ● Changes Around Us ● Air ● Atomic Structure
● Water ● Acids & Bases ● Chemistry in Everyday Life

BIOLOGY : ● Micro-organisms ● Plant Kingdom ● Organisation of Life
● Movements ● Reaching the Age of Adolescence ● Crop Production & Management ● Conservation of Plants & Animals

COMPUTER SCIENCE : ● Introduction to the Information Age

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9-th Standard 1 - 176

PHYSICS : ● Measurement ● Motion ● Fluids ● Electric charge and Electric current ● Magnetism and Electromagnetism ● Light ● Heat ● Sound ● Universe

CHEMISTRY : ● Matter Around Us ● Atomic Structure ● Periodic classification of elements ● Chemical bonding ● Acids, Bases and Salts ● Carbon and its Compounds ● Applied Chemistry

BIOLOGY : ● Animal Kingdom ● Organization of Tissues ● Plant Physiology ● Organ Systems in Animals ● Nutrition and Health ● World of Microbes ● Economic Biology ● Environmental Science

COMPUTER SCIENCE : ● Computer – An Introduction ● Parts of Computer ● Hardware and Software

10-th Standard 1 - 160

PHYSICS : ● Laws of Motion ● Optics ● Thermal Physics ● Electricity ● Acoustics ● Nuclear Physics

CHEMISTRY : ● Atoms and Molecules ● Periodic Classification of Elements ● Solutions ● Types of Chemical Reactions ● Carbon and its Compounds

BIOLOGY : ● Plant Anatomy and Plant Physiology ● Structural Organisation of Animals ● Transportation in Plants and Circulation in Animals ● Nervous System ● Plant and Animal Hormones ● Reproduction in Plants and Animals ● Heredity ● Origin and Evolution of Life ● Breeding and Biotechnology ● Health and Diseases ● Environmental Management

COMPUTER SCIENCE : ● Visual Communication

