

Shri. Gopinath Mahadeo Vedak Pratishthan's
G.M. Vedak College of Science, Tala

Accredited B+ by NAAC
 Affiliated to University of Mumbai, Aided College

T.Y.B.Sc. (Chemistry)

Fifth Semester	
Course Code	Course Title
Applied Component	
USACHF501	Heavy & Fine Chemical
Major Subject	
USCH501	Paper I – Physical Chemistry
USCH502	Paper II – Inorganic Chemistry
USCH503	Paper III – Organic Chemistry
USCH504	Paper IV – Analytical Chemistry

Sixth Semester	
Course Code	Course Title
Applied Component	
USACHF601	Heavy & Fine Chemical
Major Subject	
USCH601	Paper I – Physical Chemistry
USCH602	Paper II – Inorganic Chemistry
USCH603	Paper III – Organic Chemistry
USCH604	Paper IV – Analytical Chemistry

T.Y.B.Sc. (Physics)

Fifth Semester	
Course Code	Course Title
Applied Component	
USACCS501	Advanced Microprocessor, Programming, Microcontrollers & Python
Major Subject	
USPH501	Paper I – Mathematical Thermal & Statistical Physics
USPH502	Paper II – Solid State Physics
USPH503	Paper III – Atomic & Molecular Physics
USPH504	Paper IV – Electrodynamics

Sixth Semester	
Course Code	Course Title
Applied Component	
USACC601	Microcontrollers & Python Programming
Major Subject	
USPH601	Paper I – Classical Mechanics
USPH602	Paper II – Electronics
USPH603	Paper III – Nuclear Physics
USPH604	Paper IV – Special Theory of Relativity

T.Y.B.Sc. (Zoology)

Fifth Semester	
Course Code	Course Title
Applied Component	
USACMS501	Oceanography & Capture Fisheries
Major Subject	
USZO501	Taxonomy – Invertebrates and Type Study
USZO502	Hematology and Immunology
USZO503	Histology, Toxicology, Pathology and Biostatistics
USZO504	Anatomy and Developmental Biology

Sixth Semester	
Course Code	Course Title
Applied Component	
USACMS601	Production and Management
Major Subject	
USZO601	Taxonomy Chordates and Type Study
USZO602	Physiology and Tissue Culture
USZO603	Genetic & Bioinformatics
USZO604	Environmental Biology