



GREGORIAN INSTITUTE OF TECHNOLOGY

Kangazha, Kottayam, 686555

Run by MGM Education & Charitable Trust

Approved by AICTE, New Delhi & Affiliated to DTE, Kerala

Course Outcome of Semester I (For all courses)

Name of Course	Course Code	Course Outcome	Statement
COMMUNICATION SKILLS IN ENGLISH	CO101	CO101.1	The learners listen to, identify and comprehend the main idea and supporting details of the listening passage.
		CO101.2	The learners apply different language functions and communicate effectively in the workplace and daily life.
		CO101.3	The learners read, comprehend and analyze the ideas and concepts contained in articles, technical writings and narratives and express them in their own words
		CO101.4	The learners apply the different techniques of writing and compose technical, documents like reports, Emails and so on.

Name of Course	Course Code	Course Outcome	Statement
MATHEMATICS I	CO102	CO102.1	Make use of complex numbers to solve Mathematical problems. Extend the use of different forms of equations of straight lines in co ordinate geometry.
		CO102.2	Solve mathematical problems related to trigonometry.
		CO102.3	Utilize the concepts related to limits and derivatives to solve problems.
		CO102.4	Apply the concepts of differentiation of composite function, parametric equation, implicit function and successive differentiation to solve mathematical problems.

Name of Course	Course Code	Course Outcome	Statement
APPLIED PHYSICS I	CO103	CO103.1	Apply laws of mechanics in rocket propulsion and recoil of gun.
		CO103.2	Apply concepts of circular motion and rotational motion.
		CO103.3	Make use the concepts of energy, power, work, temperature and friction to solve problems.
		CO103.4	Use the theorems of fluid dynamics in atomizer and airfoil.

Name of Course	Course Code	Course Outcome	Statement
APPLIED CHEMISTRY	CO104	CO104.1	Explain atomic structure and chemical bonding.
		CO104.2	Apply the fundamentals of analytical chemistry to solve the engineering problems and understand appropriate water treatment methods.
		CO104.3	Explain various Engineering materials for domestic and industrial applications.
		CO104.4	Apply the concept of electrochemistry and corrosion to solve the engineering problems.

Name of Course	Course Code	Course Outcome	Statement
ENGINEERING GRAPHICS	CO105	CO105.1	Illustrate basic elements of Drawing
		CO105.2	Construct Projections of points and lines
		CO105.3	Build Orthographic projections and Sectional views of object
		CO105.4	Develop Isometric Projections

Name of Course	Course Code	Course Outcome	Statement
APPLIED CHEMISTRY LAB	CO107	CO107.1	To quantitatively analyze solutions accurately.
		CO107.2	Standardize EDTA and analyze the hardness of water
		CO107.3	Determine the pH of solutions using different techniques.
		CO107.4	Apply the principles of electrochemistry in quantitative analysis.

Name of Course	Course Code	Course Outcome	Statement
INTRODUCTION TO IT SYSTEMS LAB	CO108	CO108.1	Utilize the basic functions and features of computer, Operating System and Internet applications.
		CO108.2	Make use of Stand-alone and Cloud-based office tools to prepare documents, spreadsheets and presentations.
		CO108.3	Develop algorithms and flowcharts for solving simple problems.
		CO108.4	Develop Python programs to solve simple problems.

Name of Course	Course Code	Course Outcome	Statement
SPORTS AND YOGA	CO109	CO109.1	Apply warming up and warming down exercises in daily physical fitness activities
		CO109.2	Apply stretching rotation and flexibility exercises in daily physical fitness activities
		CO109.3	Make use of acquired yoga asana skill and pranayama method in daily lifestyle
		CO109.4	Utilize the acquired weight training skills for the development of muscular strength utilize the acquired skills in playing sports and games