



Sree Chitra Thirunal College of Engineering

Pappanamcode Thiruvananthapuram kerala -695018

principal@sctce.ac.in

Consolidated Course Outcomes Report

Batch	Sno	Subject	CO	Topic	Bloom's taxonomy level
MA 2K20	1	HEAT & MASS TRANSFER	CO1	Determine the temperature profile and heat transfer for 1D steady state heat conduction through slabs cylinders/pipes	Applying(P)
			CO2	Estimate the performance of fins with uniform cross sectional area	Applying(P)
			CO3	Estimate the convection heat transfer for flow over flat plates and pipe flow.	Applying(P)
			CO4	Rate and size parallel and counter flow heat exchangers	Applying(P)
			CO5	Determine radiative heat exchange for black and grey bodies	Applying(P)
			CO6	Understand basic mass transfer mechanisms and their analogies with heat transfer.	Understanding(U)
	2	VEHICLE PERFORMANCE AND TESTING	CO1	Familiarize Basic engine parameters and working of Dynamometers	Understanding(U)
			CO2	Understand the working of Engine analyzers	Understanding(U)
			CO3	Enumerate Vehicle performance testing methods	Understanding(U)
			CO4	Know about Noise vibration, Harshness and Ride Vibration tests	Understanding(U)
			CO5	Understand Road and track testing methods	Understanding(U)
	3	INDUSTRIAL SAFETY ENGINEERING	CO1	Describe the theories of accident causation and preventive measures of industrial accidents.	Understanding(U)
			CO2	Explain about personal protective equipment, its selection, safety performance & indicators and importance of housekeeping.	Understanding(U)
			CO3	Explain different issues in construction industries.	Understanding(U)
			CO4	Describe various hazards associated with different machines and mechanical material handling.	Understanding(U)
			CO5	Utilise different hazard identification tools in different industries with the knowledge of different types of chemical hazards.	Applying(P)
	4	AUTOTRONICS AND VEHICLE TESTING LAB	CO1	To classify the advanced testing equipment used for fault detection in automobile.	Understanding(U)
			CO2	To identify the sensors, and actuators used automobile systems	Understanding(U)
			CO3	To make use of advanced testing equipment for identifying the malfunctioning of the automotive components.	Analyzing(A)
			CO4	To make use of advanced testing equipment for identifying the malfunctioning of the sensors and actuators in automobile.	Analyzing(A)
CO			Utilize one's ability as an individual or in a team for the effective communication, practical skill and document design.	Applying(P)	