

## Tulsiramji Gaikwad-Patil College of Engineering and Technology



Wardha Road, Nagpur-441 108

## NAAC A+ Accredited & An Autonomous Institute

Approved by AICTE, New Delhi, Govt. of Maharashtra & Affiliated to RTM Nagpur

Department of Science & Humanities

## PROGRAMMING FOR PROBLEM SOLVING USING 'C'

**QR-CODE** 

EXPERIMENTS	QR CODE	EXPERIMENTS	QR CODE	<b>EXPERIMENTS</b>	QR CODE
1. Design a program to calculate simple interest(SI) for a given principal (P), time (T), and rate of interest (R) (SI = P*T*R/100)		5.C program to print 1 to 10 numbers using for loop.		9.Implement Problems involving if-then-else structures	
2.Write a program that declares Class awarded for a given percentage of marks, where mark <40%= Failed, 40% to <60% = Second class, 60% to <70%=First class, >= 70% = Distinction. Read percentage from standard input.		6.To check if a given number is an Armstrong number or not using a while loop.		10.Micro Project	
3.C program to read roll number and marks from user and display it on screen.		7.To find the greatest among three numbers using decision-making statements.			
4.Implement computational problems using arithmetic expressions		8.To construct a pyramid of numbers using loops. a) 1			