



Estd. 1939

Karnatak Law Society's

GOGTE INSTITUTE OF TECHNOLOGY, BELAGAVI

An Autonomous Institute under Visvesvaraya Technological University
"Jnana Ganga", Udyambag, Belagavi – 590008, Karnataka, India



Estd. 1979

Electronics & Communication Engineering Department

offering ONE Week CERTIFICATION COURSE in

MODELING OF PHYSICAL SYSTEMS WITH MATLAB & SIMULINK

(Applications in Vehicular Engineering and Industrial Process Control)

Prerequisites – Basics of Engineering Physics

Objective – To represent the physical systems or industrial processes in a form which is easily understood by the computer. Hence, software tools like MATLAB and SIMULINK can be easily used to study the system performance under various inputs. This course will make the students industry ready. Students will learn to simulate plant & controller in same environment toward system performance optimization.

Benefits – Hands on sessions with MATLAB & SIMULINK for system response analysis.

Course Instructor – Dr. Saurav Mitra (Professor, ECE, KLS GIT) : Mob – 9769187407

After fee payment, students have to fill up their details in the given Google Form, to confirm course registration. Maximum 25 participants (first come first serve basis).

Google Form Link for Course Registration <https://forms.gle/qi193kAWk9z2QSgy8>

QR Code for Fee Payment



Course Intro. Video Link https://youtu.be/Uv_68Flwv3s

Course Duration: 25 Hours (12 Hrs. hands on)
Course date: 19th to 24th August, 2024 (tentative)
Fees for the Certification Course:

- Rs. 1000 for GIT participants
- Rs. 2000 for external students / participants
- Rs. 3000 for industry participants



Course Topics: Modeling of mechanical systems, vehicular systems, EV & electrical systems, industrial processes like thermal, hydraulic, electromechanical etc., Understanding the concepts like system stability, system gain, energy etc. with the help of MATLAB & SIMULINK based models.