



DCT's
Dhempe College of Arts and Science
Miramar, Goa
Department of Mathematics
Department Activity under DBT Star Scheme

Report on One-Day Workshop on MATLAB

A one-day workshop on **MATLAB** was conducted on **6th February** with the objective of enhancing students' understanding of computational tools used in engineering and applied sciences.

The resource person for the workshop was **Rohit Pawar**, who is currently working as an **Application Engineer – MathWorks** at **DesignTech Systems Pvt. Ltd.**. He holds a background in Electrical Engineering along with an MBA in Marketing Management and has strong expertise in **Model-Based Design (MBD)**, **Embedded Systems**, and **Electric Vehicles (EVs)**.

During the workshop, Mr. Pawar introduced participants to the practical use of **MathWorks tools such as MATLAB and Simulink**, highlighting their applications in embedded system development and EV design. He explained how these tools help in modeling, simulation, and optimization of systems, thereby improving development efficiency and reducing design errors.

The session was interactive and industry-oriented, offering students valuable insights into real-world engineering applications and current industrial practices. Overall, the workshop was informative and successful in bridging the gap between theoretical knowledge and practical implementation.

