

## **VALUE ADDED COURSE**

Value Added Course on **PLC Programming** was conducted from **02.06.2025 to 23.06.2025**, organized by the **State Project Coordination Unit**, established under the **Canada India Institutional Cooperation Project (CIICP)** by the **Government of Tamil Nadu, Directorate of Technical Education, Chennai**.

The primary objective of this course was to enhance students' practical knowledge in **Programmable Logic Controllers (PLC)** and strengthen their skills in **industrial automation**. The curriculum covered PLC fundamentals, programming concepts, ladder logic diagrams, interface modules, and hands-on training for real-time industrial applications.

The sessions were effectively handled by our **Senior Grade Lecturer, Mrs. K. Sudha**, whose expertise and guidance greatly benefited the students.



Throughout the training, students were introduced to the fundamentals of PLC architecture, programming languages, ladder logic diagrams, input/output modules, and troubleshooting techniques. Hands-on practice sessions enabled them to develop real-time automation solutions and understand the role of PLCs in modern industrial systems.

This course significantly enriched the students' technical competence, improved their problem-solving abilities, and prepared them for higher-level industrial training and career opportunities in automation and control engineering.



Overall, the course provided valuable exposure to automation technologies and significantly improved students' technical competence in the field.