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Conclusion

The internship at IPCS Global provided a valuable and comprehensive hands-on experience in AutoCAD and Electrical CAD (E-CAD) applications. Over the course of 22 days, I learned to install and configure AutoCAD, understand essential 2D drawing tools, apply drawing techniques, and implement various AutoCAD commands such as fillet, chamfer, trim, offset, and mirror. I also gained practical exposure in drawing orthographic projections, designing control circuits, power diagrams, and PLC programming using RSLogix. The training emphasized both theoretical concepts and practical applications, equipping me with key industry-relevant skills in electrical schematic design, ladder logic, and panel layout. Overall, this internship significantly enhanced my technical knowledge and prepared me for real-world challenges in the field of electrical design and automation.