

<b>FDP-39</b>	<b>APPLICATIONS IN PLC</b>	<b>24.06.2019 to 28.06.2019</b>
<p><b>OBJECTIVES:</b></p> <ul style="list-style-type: none"> <li>➤ Understand the operation of PLC</li> <li>➤ Interface PLCs with working models</li> <li>➤ Interface PLCs with encoders, Analog I/Os and HMI</li> <li>➤ Use SCADA software for PLC applications</li> </ul> <p><b>PARTICIPANTS:</b></p> <p>Teachers of Electrical, Electronics and Instrumentation Engineering</p> <p><b>INPUT:</b></p> <p>Components of PLC - Instruction set of Allen Bradley PLC - Bit logic - Timers - Counters - Compare - Move –Math instructions - Program control and Indexed addressing - Subroutines - Interrupts - Programming for specific applications - Interfacing PLC with working models - Basics of SCADA system - Memory Tags- Device tags - Interfacing PLC with SCADA software</p> <p><b>PROCESS:</b></p> <ul style="list-style-type: none"> <li>➤ Lecture</li> <li>➤ Demonstration</li> <li>➤ Lab sessions</li> <li>➤ Industrial Visit</li> </ul> <p><b>OUTPUT:</b></p> <p>Participants will be able to</p> <ul style="list-style-type: none"> <li>- handle the PLC theory and lab classes</li> <li>- develop ladder diagram for specific applications</li> <li>- carry out PLC based projects.</li> </ul> <p><b>RESOURCE PERSONS:</b></p> <ul style="list-style-type: none"> <li>➤ Dr. P. Sivasankar</li> <li>➤ Guest Faculty</li> </ul>		
<b>COORDINATOR</b>	<b>VENUE</b>	<b>LAST DATE FOR RECEIPT OF APPLICATIONS</b>
Dr. G.A. Rathy	NITTTR , Chennai	30 days prior to the start of the programme