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| FDP-04 | 8051 MICRO CONTROLLER AND ITS APPLICATIONS | 14.05.2018 to 18.05.2018 |
| <p>OBJECTIVES:</p> <ul style="list-style-type: none"> ➤ Write assembly language program using instruction set ➤ Use features available in 8051 Micro Controller ➤ Interface application circuits with 8051 Micro Controller ➤ Write Programs in Embedded C <p>PARTICIPANTS:</p> <p>Teachers of Electrical, Electronics & Communication, Computer Science and Instrumentation disciplines having knowledge in 8085/ 8086 Microprocessor.</p> <p>INPUT:</p> <p>Architecture of 8051 – Instruction Set – Simple Assembly Language Programs – Using Ports, Timers, Interrupts and Serial Port – Interfacing external devices like switches, relays, 7 segment display, LCD display, ADC, DAC, Matrix keyboard, Stepper motor and small DC motor – Embedded C Programming.</p> <p>PROCESS:</p> <p>Lecture Laboratory sessions</p> <p>OUTPUT:</p> <p>The participants will be able to</p> <ul style="list-style-type: none"> ➤ handle 8051 Microcontroller course ➤ conduct 8051 Microcontroller lab <p>RESOURCE PERSONS:</p> <ul style="list-style-type: none"> ➤ Dr. G. A. Rathy ➤ Guest Faculty | | |
| COORDINATOR | VENUE | LAST DATE FOR RECEIPT OF APPLICATIONS |
| Dr. P. Sivasankar | NITTTR , Chennai | 15 days prior to the start of the programme |