

News from the Campus & UPCOMING EVENTS

News from the Campus :

1. A Seven days workshops on PLC, SCADA, Drives, MMI is scheduled by the Electronics & Electrical Department of Engineering Faculty of Dr. C.V. Raman University on Between the Semester Break (Jan.2010). The Training will be provided by "Automation & Control Systems, Pune"
2. Inter Classes & Inter Departmental Sports competition will be organized by Physical Education Department will be scheduled on Mid January.
3. The End Semester Examination of all branches of IIIrd Semester can be started on 25th Nov. 2009.

The Mid Semester Examination of all branches of Ist Semester will be started on 25th Nov. 2009.

UPCOMING EVENTS

1. Seven days workshops on PLC, SCADA, Drives, MMI :

Organizer : Dr. C.V. Raman University

Training provided by : Automation & Control Systems, Pune

Schedule : Between the Semester Break (Jan.2010)

Syllabus for 7 days workshops

MMI; introduction to MMI , its need ,operation details and fundament of MMI ,fault display in MMI timer counter setting from MMI. Interfacing whit PLC

SCADA: introduction to SCADA, configuration of different drivers, gateway .data base of tags and its use .interfacing with PLC and simulation of PLC application in SCADA.

AC Drive: Fundamentals of AC drive, block diagram of AC drive, configuration of different drives. Control of drive with and without PLC Various applications of AC drive .Interfacing with PLC . **200

The best PLCs used worldwide like Allen Bradley, Messung , Mirsubishi , Siennens will be covered .

Basic of electrical: this is covers topics involving AC/DC principle, hydraulics, and pneumatics. Electrical symbol used in industries, 1phase and 3phase power supply.

PLC Detail – History PLC , Different between relay , conductor & PLC logic, PLC architecture . a detail description of different PLC modules & cards

I/O configuration & Memory and Mapping- why I/O configuration is required? How the I/O modules ate address for messung , Mitsubishi ,AB & siemens - PLCs

PROGRAMS & ladder diagrams – First step with the programming device, introducing the basic ladder logic instruction, contact, coil, and PLC scam

The instruction & set – the instruction covered are :- NO/NC ,set ,reset , timers , counters , comarison , arithmetic , logic & move functions.

Communication and fault finding: An introduction to communication option available for the type of PLCs includes also how to find hard ware fault and probable causes.

IMPORTANCE OF PLC

PLC (programmable logic controller) is the heart of the automobile and is a combination of hardware and software. It is used today in almost every industry. each machine in automobile , pharma , chemical , food , oil and gas , power

generation , textile , entertainment , utility services have 100s of PLCs. Only with PLCs we can control all the machinery, can increase production, reduce manpower, increase quality, and finally increase profits. Most of this topic is not covered in college syllabus. we at ACS can give an absolute practical and industry oriented training that bridge the gap between industry and college Based curriculum.

Topic covered: 4 major brand of PLCs, AC drives, MMI, SCADA, software .

2. A National Level Seminar will soon be organized by the Department of Education of Dr. C.V. Raman University.

3. Inter Classes & Inter Departmental Sports competition will be organized by Physical Education Department will be scheduled on Mid January.

4. A guest lecturer by Mr. Jayant Deshpande is to be organized to ensure overall development of students and to bring attitudinal change to build their career.

5. Various competitions under management club is to be organized. They are:

- (i) Advertisement competition.**
- (ii) Quiz competition.**
- (iii) Paper presentation.**
- (iv) Debate competition.**