

OBJECTIVE OF THE SEMINAR:

Embedded Systems are emerging as an essential component of modern electronic products. Embedded Systems Design problems are posing challenges that involve entirely new skills for engineers. These skills are related to the combination of traditionally disjoint engineering disciplines. To minimize the gap between the knowledge levels of graduate engineer and industry needs, JNTU has rightly introduced "Embedded Systems" as a specialization programme for M.Tech. It is also included as an elective in the present syllabus for final year B.Tech students. The techniques discussed here concentrate on Size, Power and Cost which enhance the performance of the system. The workshop will also provide a forum to discuss some advanced concepts in Embedded and Real Time Systems.

ORGANIZING COMMITTEE:

1. Dr. C.V. Raghava, President & Chairman, CVR
2. Dr. K. Rama Sastri, Director, CVR
3. Dr. A.D. Rajkumar, Principal, CVR
4. Dr. K.V. Chalapati Rao, Dean, CVR
5. Prof. P. Gurunadha Rao, Head of ECE Dept. & Director, Students' Affairs, CVR
6. Prof. S. Sengupta, Prof. of ECE & Dir., Projects, CVR
7. Dr. CRK. Prasad, Prof., ECE Dept., CVR
8. Dr. P. Satish Kumar, Prof., EIE Dept., CVR
9. Prof. S. Suryanarayana, ECE Dept., CVR
10. Prof. Varghese Thattil, ECE Dept., CVR

About CVR College of Engineering:

Cherabuddi Education Society has established CVR College of Engineering in the year 2001 and has been ranked as the best college among more than 420 colleges in AP that started in the last decade. The NRI promoters of CVR are technology professionals who are associated with cutting – edge technologies of the computer and electronic industry. They also have strong associations with other leading NRI professionals working for world renowned companies like IBM, Intel, Cisco, Motorola, AT&T, Lucent and Nortel who have agreed to associate with CVR college with a vision and passion to make CVR college a premier educational institution offering the best technical training inputs to our students.

CVR College has established state-of-the-art laboratories with industry standard equipment. The college has in house capability for designing a Full/ Semi custom Chip using Cadence Tool Flow which is strongly supported in the programmable logic domain by the Xilinx & Altera for embedded system design. College has also established advanced process control and instrumentation lab with Labview; an industry standard virtual instrumentation tool. The college has State - of Art tools for co - design and Models of Computation in advanced Embedded Systems Lab for providing the facility for our students to get access to current industry needs. CVR college has a right combination of senior professors and faculty members drawn from leading universities and industries.

CVR College has been accredited by the National Board of Accreditation in the year 2007. College also offers the following PG Programmes: M.Tech.(VLSI System Design), M.Tech.(Embedded Systems), M.Tech.(Computer Science & Engg), MBA and MCA.

SEMINAR ON EMBEDDED SYSTEMS

(01st December, 2009)

Chief Coordinator
Prof. P. Gurunadha Rao
Professor & Head, ECE Department

Convener
Dr. C.R.K. Prasad
Prof. & HOD M.Tech (ES)

Organized by



**Department of
Electronics & Communication
Engineering**

CVR COLLEGE OF ENGINEERING

(Accredited by NBA-AICTE, Affiliated to JNTU)

Vastunagr, Mangalpalli (V),
Ibrahimpatan (M), R.R. District - 501 510.

E-mail: principal@cvr.ac.in, Web: <http://cvr.ac.in>

COURSE CONTENT:

- Introduction to Embedded Systems : Graduate programs at different US/ Europe Universities, concept and inter disciplinary topics.
- ARM Processor Architectures, features and state-of-Art.
- Models of computation: FSM, State -Charts, Petri Nets, Esterel, SystemC. HW - SW Codesign: COSYMA & VULCAN
- Low Power Design
- RTOS for Embedded Systems
- Verification and Validation of Embedded Systems

RESOURCE PERSONS:

- Prof. P. Gurunadha Rao, ME (IISc), CVR
- Dr. CRK Prasad, Prof. M.Tech (ES), CVR
- Mrs. T. Esther Rani, Sr. Asst. Prof., CVR
- Mrs. K. Naga Deepti, Asst.Prof., CVR
- Mr. B. Kishore Kumar, Asst.Prof., CVR
- Mrs. Dhruva R. Rinku, Asst.Prof., CVR
- Mr. R. Ganesh, Asst. Prof., CVR

Experts in Embedded Systems from Industry

- Mr. K. Ramesam, Executive, Bay Talkitec

WHO SHOULD ATTEND:

This course will be especially valuable for those faculty members and PG Students who are interested in Embedded and Real Time Systems. This also provides awareness on State - of - Art of Embedded Systems to those who are using or going to use Embedded Systems

Registration - Important Dates:

- Last date for receiving Applications **28th Nov. 2009.**
- Date of Intimation to the selected candidates (by email or by post)

Applications should reach the Principal, CVR College of Engineering, on or before 28th Nov, 2009 along with crossed DD for Rs. 500/- per participant (towards Course fee) in favour of Principal, CVR College of Engineering, payable at Hyderabad.

Principals of Engineering Colleges are requested to sponsor at least one teacher from their Institutions.

The candidates from the industry can also participate in the program and they must produce sponsorship or no objection certificate from the employer.

On spot registrations are also allowed.

Course certificates will be issued to all participants
Boarding and Lodging:

Tea, snacks and lunch will be provided at the venue. Participants should make their own arrangements for the lodging.

Venue - CVR College of Engineering Campus

Transport: Transport facilities will be provided by the college from various pickup points of the college buses.

Contact Persons :

- Prof. P. Gurunadha Rao, 9908644834
Email ID: p_gurunadh@yahoo.com
- Prof. C.R.K. Prasad, 9440360079
Email ID: prasad_chivukula2000@yahoo.com

The Location:

The College is located in Mangalpalli Village on Mangalpalli, Pocharam BT Road, 2.7 Kms away from 24 Km stone on Hyderabad - Nagarjunasagar Road. Twenty seven buses operate from city to the college and participants can avail this facility.

SEMINAR ON EMBEDDED SYSTEMS (01st December, 2009)

Name

Designation

Address for Correspondence

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Tel (O)(R).....

Fax Email:.....

Institution / Affiliation Sponsoring Organization

Technical Qualifications

Experience (No. of years)

Teaching Industrial

Total

Payment Details:

D.D.No..... Date.....

Amount Bank.....

Payable at

Any other relevant information

.....

Place :

Date : Applicant's Signature

Recommendation of Forwarding /Sponsoring Authority

Mailing Address:

Seminar Convener

CVR COLLEGE OF ENGINEERING

Vastunagr, Mangalpalli (V),

Ibrahimpatan (M), R.R. District - 501 510

(Please take Photo copies for additional forms)