Resource Persons:
The course will be taught by the faculty of the Osmania University, JNTU & working engineers from industries.

1. Dr. K. Subba Rao
   Head Department of ECE
2. Prof. Krishna Mohan
   Professor, J.N.T.U
3. Mrs. Shamala Mathur
   Professor, O.U
4. Dr. K. Jaya Shankar
   Professor
   Vasavi College of Engg.

Venue:
Department of ECE, Osmania University.

Time: 0930Hrs – 1730Hrs

Registration Fee: Rs.1000/-
DD/Cheque should be drawn in favor of Dept. of ECE, O.U, Golden Jubilee Celebrations.

Last date for receiving the applications is 29th Nov, 2008.
### About Department of ECE, OU
The Department of Electronics and Communication Engineering (ECE) was established in the year 1959. It bears the indelible stamp of its founder late Prof. K Krishnan Nair. The alumni of this department has occupied distinguished posts not only in India but also abroad. The Dept has a unique distinction of obtaining ‘A’ grade accreditation from NBA, AICTE and ISO certifications. It has been recognized as the best participating institution under the NETWORK project, funded by Swiss Development Corporation. The Department has been in the forefront for Research and Training activities in Digital Signal Processing, Communications and Microwave Engineering specializations.

### About the Department at Vasavi College Engineering:
The Department has 27 faculty members of supporting staff. The Department is equipped with 12 labs, 4 advanced labs, departmental library, and classrooms with modern teaching aids and staff rooms. The laboratories include the basic Electronics Lab, Analog Electronics Circuits, Digital Communication Labs, Fiber Optics Microwave Engineering labs.

### About the Course:
Multirate systems and wavelets have traditionally played an important role in source coding and compression for contemporary communication applications, and many of the key design issues in such applications have been extensively explored. Over the last decade there has been a tremendous growth of activity in the area of multirate signal processing. Particularly impressive is the amount of new literature in digital filter banks and wavelet representations.

Digital Signal Processing has become essential to the design and implementation of high performance audio, video, multimedia, and communication systems signal processing. An essential component of cost effective DSP algorithms is Multirate signal processing. This program presents a non-mathematical tour through the essential concepts of multi-rate signal processing along with many applications.

### APPLICATION FORM
**INTENSIVE COURSE ON ADVANCES SIGNAL PROCESSING (Under TEQIP)**

5th & 6th December, 2008

1. Name Mr./Ms:
2. Designation:
3. Mailing Address:
4. Educational qualification with area of specialization:
5. Professional experience:
   - Teaching
   - Industry

Place: ____________________________
Date: ____________________________

**Signature**

**Sponsorship Certificate:**
Mr./Ms__________________________
_____________ is sponsored to attend an intensive course on “**Advance signal processing**” to be held on 5th & 6th December, 2008

Place: ____________________________

Signature of Head of the Institute