

**APPLICATION FORM**  
**( Workshop on Mobile & High Performance Computing )**

- 1.Name : .....
- 2.Date of Birth & Age: .....
3. Gender (M / F) : .....
4. Qualifications : .....
5. Teaching Experience: .....
6. a) Designation : .....
- b) Department : .....
7. a) Institution : .....
- b) Affiliating University : .....
8. Address for Communication:  
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.....
- 9 Phones Nos:  
O).....(R).....  
**MOBILE:**.....**Fax:**.....  
**E - mail ID:** .....
- Date:**                      **Signature**  
   **Name:**

**Address for all Correspondence:**

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**Sri Ch.Satyanarayana**  
Associate Professor, JNTUCE, Kakinada

**Workshop on**  
**Mobile & High Performance Computing**  
**(25-03-2009 to 26-03-2009)**

*Sponsored by*  
TEQIP

*Convener:*  
**G.Narsimha**  
Assistant Professor  
CSE Dept. , JNTUCE  
Kakinada

*Organized by*



Department of Computer Science & Engineering  
University College of Engineering , Kakinada  
Jawaharlal Nehru Technological University  
Kakinada  
Andhra Pradesh, INDIA.

### About the Department:

The Department of Computer Science and Engineering, JNTU Kakinada was established in the year 1989-90. The Department imparts relevant quality education to the students, to groom them to be conscious researchers, technologists, professionals and good citizens, bearing torch for disseminating knowledge in masses for sustainable socio-economic development of the society. This department is equipped with the state-of-the-art computer laboratories required to cater to the needs of undergraduate and post graduate programmes. Active research is being conducted in the areas of Data Warehousing and Mining, Image Processing, Speech Processing, Computer Networks, Network and Information Security, Cluster and Grid Computing. Five Ph.D.s have been awarded from this department in the areas of Information Security, Digital Image Processing, and Data Warehousing & Data Mining. Twenty Five Doctoral Research Scholars are currently registered for the Ph.D. in the various areas of Computer Science and Engineering.

The department is involved in successful organization of several National Seminars, Workshops, and Student Paper Contests. The department is actively involved in modernization and development of the laboratories with World Bank project, Technical Education Quality Improvement Programme (T E Q I P).

### The Scope of Workshop :

- § Provides opportunities for teachers in service, to exchange experience with their peers and learn mutually from each other.
- § Provide a forum for serving teachers to keep themselves abreast of the latest advances in Mobile Computing.

- § Provide opportunities to further widen their knowledge and to pursue research studies
- § Give an introduction to new methods and innovations in high performance computing.
- § Practical applications of WiFi and WiMAX networks using Network simulators.

### Contents

- Security & QoS in MANETs
- Routing in MANETs
- Application of MANET and Sensor Wireless Networks
- QualNet 4.5 ( Network Simulator)
- Introduction to various computing techniques.
- Load balancing in Mobile HPC
- Scheduling, memory management and load balancing techniques in HPCs
- Multicore Programming through Webinar by Prof.N.B.Venkateshvarlu

The number of participants is limited to a maximum of 40, and the selection will be based on the 'first - come-first-served' basis.

### Eligibility :

- § Faculty from the Departments of CSE , IT ,ECE and MCA and related disciplines working in the Universities and affiliated Colleges are eligible to participate in the Course.
- § M.Tech, MCA Project and final year B.Tech Students

### Faculty:

Resource Persons are from IIIT Hyderabad Prof. Garimala.Rammurthy, Dr. Neeraj Upadhyaya and QualNet Developer (Scalable Network Technologies).

### SPONSORSHIP CERTIFICATE

Certified \_\_\_\_\_ that \_\_\_\_\_ Mr/Ms. \_\_\_\_\_ is an employee of our institution since \_\_\_\_\_. Presently he/she is working as \_\_\_\_\_, in the \_\_\_\_\_ department and is hereby sponsored for the Work shop on “ Mobile & High Performance Computing”, at Department of Computer Science & Engineering, College of engineering, Kakinada, Jawaharlal Nehru Technological University Kakinada, during the period **25-03-2009 to 26-03-2009**. our College is affiliated to \_\_\_\_\_ University.

Place:

Date:

Signature of the  
Principal / Director  
with Seal

### Important Dates :

Last date for Receipt of Application : **23-03-2009**  
at CSE , JNTU, Kakinada

Intimation of Selection to : **23-03-2009**  
the candidates through  
e-mail.

Course Commencement : **25-03-2009**  
Advance copy of application may be submitted  
through e-mail followed by hardcopy.

### Accommodation :

This course is planned for 2 days accommodation for limited people is provided for **Free** in the University. Participants who require accommodation are requested to intimate through mail.

### No Registration Fees.