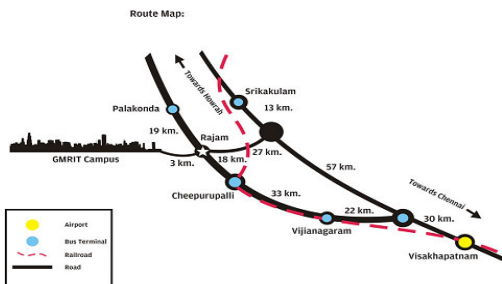


INSTITUTION:

Established in the year 1997 under the aegis of GMR Varalakshmi Foundation, GMR Institute of Technology, an Autonomous Institution is a self-financing Engineering college approved by the All India Council for Technical Education (AICTE) and **Accredited by NAAC, NBA & ISO 9001-2008 certified Institution**, affiliated to Jawaharlal Nehru Technological University, Kakinada.

Located in Rajam, Srikakulam District of Andhra Pradesh, GMRIT provides its learning community state-of-the-art facilities, infrastructure and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real world experiences.

Route Map:



ORGANISING COMMITTEE

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Dr. V. Raghunathan
CEO- GMR Varalakshmi Foundation

PATRON

Dr.Nagendra Parashar
Director, Education -GMRVF

CHAIRPERSON

Dr. C.L.V.R.S.V. Prasad
Principal, GMRIT.

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Dr.B.Biswal; Assoc. Dean R&D
Dr. S.V.Ramana; Assoc. Dean Academics
Dr.M.V.Nageswara Rao; Assoc. Dean F&SA

CONVENERS

Mr.Shashikumar G. Totad
HOD-CSE
Mrs. Geeta R.B
HOD-IT

COORDINATOR

Mr. A. V.Ramana
Associate Professor-IT

MEMBERS

- CH.Srinubabu
- Mrs. K.Sudha
- V.Vasudha Rani
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- V.Srinadh
- G.Veerajuu
- K.Laxmana Rao
- K.Swaroopaa
- M.Rama Chandra
- K.Jayasri

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A TWO-DAY WORKSHOP ON DESIGNING OF WIRELESS COMMUNICATION NETWORKS USING SIMULATORS (Feb 14th & 15th - 2014)

Organized by

Department of Information Technology
&
Computer Science Engineering

GMR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Affiliated to JNTUK-Kakinada

GMR Nagar, Rajam – 532 127

Srikakulam (Dist.)

Andhra Pradesh, INDIA

Visit us at www.gmr.it.org

Workshop Objective

The past decade has seen a surge in research activities in the field of wireless communications. This is due to the explosive growth in the field of Wireless Communications. We can build virtual networks in a lab environment to test, optimize, and integrate next generation network technologies at a fraction of the cost of deploying physical testbeds. QualNet, NS2/3 etc are the familiar simulators for wireless networks. QualNet is a fast, scalable and hi-fidelity network modeling software. NS-2 has been widely accepted as a proven tool for network simulation. NS-2 being an open source tool is useful to develop new protocols by modifying the back end C++ source codes.

The goal of this workshop is to introduce the new concepts at a level accessible to the professionals with a basic background in Networks.

COURSE CONTENTS:

- Overview of wireless, sensor & Ad hoc networks.
- Cognitive Radio Communication N/W.
- Wireless networks Simulation using NS2
- Overview and Network Simulations using Qualnet.
- Performance Evaluation of various Routing Protocols in terms of QoS.
- Lab sessions

RESOURCE PERSONS: The course contents will be taught by eminent experts.

- QualNet Expert from Nihon Communication Solutions. Bangalore.
- Dr.S.Pallam.Setty, Professor Dept of CS&SE,A.U College of Engineering VSKP

ELIGIBILITY

Faculty from Engineering Colleges Approved by AICTE and Research scholars.

REGISTRATION: Participants have to pay a non-refundable registration fee of Rs.1000/- (One Thousand Rupees) by a DD in favor of Principal, GMRIT, payable at Rajam (Andhra Bank or SBI) along with registration form. Registration form duly filled, shall reach the coordinator on or before Feb 5th-2014.

Mr. A. V. RAMANA.

Coordinator,
Workshop 'DWCNS-2014'
Department of IT,
GMR Institute of Technology,
Rajam – 532 127
Srikakulam (Dist), A.P.
Mobile: +91 9440539954, 7396166763

E-mail: venkataramana.a@gmrit.org
: hod_csit@gmrit.org

Note: Confirmation of the selected candidates will be sent through e-mail on or before 7th Feb-2014.

BOARDING & LODGING

Registration fee includes Workshop Kit, Boarding and free Lodging for non-local participants during the period of entire program at GMRIT Campus, RAJAM.

REGISTRATION FORM

A TWO-DAY WORKSHOP ON DESIGNING OF WIRELESS COMMUNICATION NETWORKS USING SIMULATORS Feb 14th & 15th-2014

REGISTRATION FORM

Participant's Name:

Qualification:

Department:

Organization:

Address for
Communication:

Phone No. (O):
(R):

E-mail:

Registration Fees: Rs.1000/- by DD in favor
of Principal, GMRIT, RAJAM
DD No : _____ Date: _____
Accommodation required: **Yes/No**

Date: _____ Signature of Participant

SPONSORSHIP CERTIFICATE

This is to certify that Mr. / Ms _____
_____ is an employee of our
institution since _____ years and is
sponsored to attend the workshop on
'Designing of Wireless communication
networks using Simulators' at GMRIT, Rajam,
Srikakulam Dist. during the period Feb 14th and
15th-2014.

Place: _____ Signature of Head
Date: _____ of the Institution