

REGISTRATION FORM

NITK Surathkal, Mangalore

TEQIP SPONSORED 3 Day Workshop on

RESEARCH ISSUES IN GREEN CLOUD COMPUTING

18th – 20th June 2015

Name:

Designation:

Qualification: **Experience:**

Address (Office):

..... **Mob. No.:**

E-mail:

Student / Research Scholar: YES / NO

From: ACADEMIA / INDUSTRY

Accommodation: YES / NO

I agree to abide by the Rules & Regulations of the workshop and I will attend the workshop for the entire duration.

Place:

Date: Signature of the Applicant

Dr/Mr/Ms is a student/employee of our Institution/Industry & is permitted for attending this workshop.

Place: Signature of the Head of

Date: the Institution with Seal



ADDRESS FOR CORRESPONDENCE

GREEN CLOUD COMPUTING GROUP

Dept. of Information Technology

National Institute of Technology Karnataka

Surathkal, P.O. Srinivasnagar

Mangalore – 575 025

Karnataka, India.

Tel : (0824) 2473551

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NITK Surathkal, Mangalore

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WORKSHOP COORDINATOR

Professor Ram Mohana Reddy Guddeti

Chairman, Central Computer Centre, NITK

Organized by



**Department of Information Technology
National Institute of Technology Karnataka**

Surathkal, P.O. Srinivasnagar

Mangalore – 575 025

Karnataka, India.

ABOUT NITK SURATHKAL

National Institute of Technology Karnataka, Surathkal has been established itself as one of the top technological institutions in India and is declared as an Institute of National Importance under the NIT Act 2007. Since its inception in 1960 as the Karnataka Regional Engineering College, the Institute is considered as a premier center engaged in imparting quality technological education and providing support to research and development activities. The Institute has a long tradition of research for several decades in both traditional and modern areas of engineering and science.

ABOUT THE DEPARTMENT

Established in the year 2000, the Department of Information Technology is the youngest among the 14 departments at NITK Surathkal. The department strives to be a centre for excellence, innovation and research with dedicated faculty, highly motivated students, state-of-the-art facilities and an innovative teaching-learning environment. The department has already demonstrated its potential for excellent research through high quality publications of more than 70 peer-reviewed journal publications and more than 260 refereed conference papers.

ABOUT GREEN CLOUD COMPUTING GROUP

Green Cloud Computing Group (GCCG) at department of Information Technology, at NITK focuses on research in different aspects of cloud domain. It mainly includes scheduling, load balancing, QoS parameters, energy consumption of data centers, optimizations techniques which leads to green cloud computing systems. For more details, please visit gccg.nitk.ac.in

ABOUT THE WORKSHOP

The importance of the Green Cloud Computing has significantly increased as a result of rapid technological developments during the past few years. Efficient task scheduling and resource management is in its infant stage in spite of an extensive research in recent years. The resource allocation and management at Data Centers is a key challenge for energy efficient cloud computing. Energy efficient resource allocations with QoS parameters are equally important in terms of Service Level Agreements. Green Cloud Computing plays a significant role in terms of lower energy consumption and Co₂ emission.

In view of this requirements in the field of Green Cloud Computing, the department of Information Technology, National Institute of Technology Karnataka Surathkal, Mangalore felt the need to organize 3 Day Workshop on *Research Issues in Green Cloud Computing* during June 18-20, 2015. There will be expert talks from IISc, IIT and Industry.

OBJECTIVES OF THE WORKSHOP

- Recent Trends and Research Issues in Cloud and Green IT.
- Energy efficient Resource Allocation and Management.
- Bio-Inspired Task scheduling and Load balancing.
- Static and Dynamic energy saving at Data center.
- Hadoop & Hands-on experience on different Cloud & Green IT simulators.

ELIGIBILITY

This workshop is open to UG & PG Students, Research Scholars, and Faculty

members. Registration will be based on First Come First Served basis.

IMPORTANT DATES

Last date to Register: 10/06/2015

Acceptance Notification: 12/06/2015

REGISTRATION DETAILS

Duly filled Registration Form along with seal and signature of the competent authority must reach the Co-ordinators **by post** on or before Wednesday, 10th June 2015.

Selected participants will be informed via e-mail by Friday, 12th June 2015 along with further details about the payment of Registration Fee.

REGISTRATION FEE

- UG & PG Students : INR 1000
- Research Scholars : INR 1000
- Faculty Members : INR 2000
- Industry Professionals : INR 3000

NOTE:

- Incomplete Registration forms (e.g., with missing seal or signature) will not be considered.
- Registration Fee **incl.** Registration Kit, Course Material & Lunch for 3 days.
- Registration Fee **does not include** accommodation, breakfast & dinner.
- Accommodation, if available, will be provided on request with actual charges based on First Come First Served basis.

For more information about the workshop please visit: gccg.nitk.ac.in or write to gccg@nitk.edu.in / Mr.Shridhar G Domanal (sdomanal@gmail.com or Mob: 9739314932)