

## TOPICS OF NATIONAL CONFERENCE

- ★ VLSI Architecture Design Implementation & Testing
- ★ FPGA/ASIC/SoC design
- ★ Analog/Digital Mixed signal IC Design & Circuits
- ★ Wireless Communication & Networks
- ★ Advanced Digital Signal & Image Processing
- ★ Image Processing & Filtering
- ★ Broadband Mobile Communication System
- ★ 4G Wireless Communication
- ★ Image Processing
- ★ Embedded Systems
- ★ Artificial Intelligence
- ★ Alternative Energies
- ★ Pattern Recognition
- ★ Biomedical Engineering
- ★ Automation in Robotics
- ★ Coding Techniques for 3G & 4G
- ★ MIMO system
- ★ Electromagnetics Engineering
- ★ Antenna systems
- ★ Avionics
- ★ Power Electronics Devices
- ★ Nano Fabrication & Computing
- ★ Virtual Instrumentation
- ★ Integration of Electronics systems
- ★ Underwater Communication
- ★ Satellite Technology

All the accepted papers would be published in the conference proceedings. At least one author has to present the paper in the conference.

## IMPORTANT DATES

Receipt of full length paper : 05/02/2012  
 Intimation of acceptance : 13/02/2012  
 Receipt of camera-ready paper : 20/02/2012  
 Last date of registration : 20/02/2012

## REGISTRATION FEE

Industry Participants : Rs. 1000/-  
 Academic Institute Participants : Rs. 500/-  
 Research Scholar and Students : Rs. 250/-

Registration fee should be paid as demand draft in favour of GGITS Jabalpur, payable at Jabalpur. The enclosed registration form along with registration fee should be sent to Organizing Secretary, on or before the due date. The registration fee includes conference materials, lunch, dinner and refreshment.

## ACCOMMODATION

On prior request accommodation for the participants can be arranged on payment basis at nearby hotels in Jabalpur. The tariff ranges from Rs. 500/- to Rs. 3000/- depending upon the type of accommodation.

## ADDRESS FOR CORRESPONDENCE

**Mr. Vinod Kapse**

Convener, ICS<sup>2</sup>D 2012  
 Department of Electronics & Communication Engineering

**Gyan Ganga Institute of Technology & Sciences, Jabalpur**

Tilwara Ghat, Besides Bargi Hills, Jabalpur  
 Ph. 0761-2673051, 2673632, 2673634  
 Mo.9893914149, 9425465212, 9893575467  
 Website: www.ggits.org



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 Prof. Prashant Jain, Professor, JEC, Jabalpur  
 Dr. Prabhat Patel, Professor, JEC, Jabalpur

### Keynote Speakers

- Dr. K.D.Kulath, Prof., Dept. of EC, VNIIT, Nagpur
- Dr. C.P.Gupta, Professor, IIT, Roorkee
- Dr. K.V. Arya, Professor, IIT, Gwalior
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- Dr. Rakesh Singhai, Associate Professor, Electronics, UIT-RGPV, Bhopal
- Prof. A Shaligram, Reader, Dept. of Electronics Science, University of Pune, Pune
- Dr. A Wadhvani, Professor, Dept. of Electrical Engg., MITG, Gwalior
- Dr. Pravin Dakhole, Head & Professor, Electrical Engg. Dept., Y CCE, Nagpur
- Dr. Bhavana Jhariya, Associate Professor, JEC, Jabalpur
- Dr R. V Kshirsagar, Dean & Chairman, PCE, Nagpur
- Dr. Shankar Baburao Deosarkar, Principal, VPCE, Baramati
- Mr Anurag Tiwari, Senior Design Engineer, ST Microelectronics

Local participants may avail free transport facility of our college buses.



# National Conference on Innovations in Communication System & System Design (ICS<sup>2</sup>D-12)

On 2nd & 3rd March, 2012

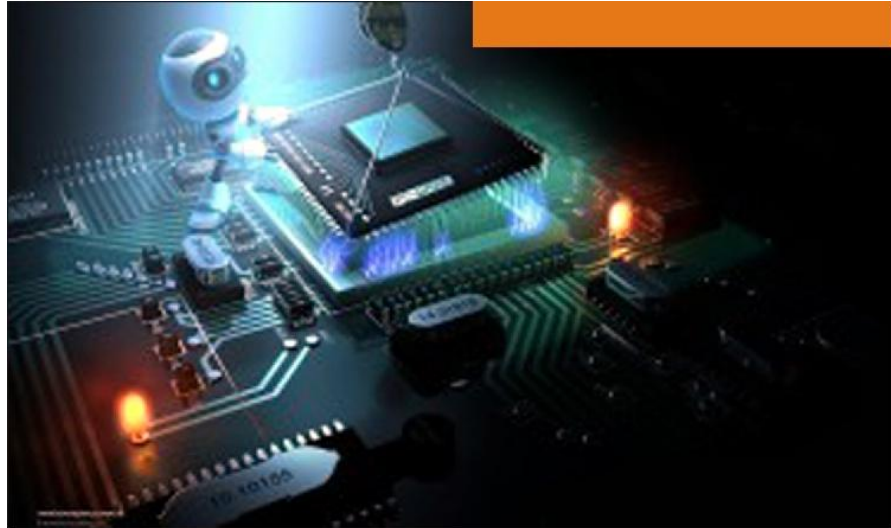
Organized by  
 Department of Electronics & Communication



**Gyan Ganga**

Institute of Technology & Sciences  
 COLLEGE CAMPUS : P.O. Tilwara Ghat (Garha), Near Shah Nala, Tripuri Ward, Jabalpur-482003. Ph. 0761-2372728, 2372732

In association with MARCOST & AICTE



**THEME**

The objectives of the "National Conference on Innovations in Communication System & System Design" (ICS<sup>2</sup>D) 2012 is to create awareness about modern developments in the area of Communication System and System Design which includes Embedded system & VLSI Design and promote R&D activities for real life applications. This Conference on ICS<sup>2</sup>D is a forum that brings together researchers and designers to discuss various aspects of entire spectrum of Communication System & System Design. This conference intends to provide a platform for researchers, scientists, engineers and research scholars to share and discuss the latest developments, practical challenges and their solutions in communication engineering and system design. This two-day conference features panel discussions, regular paper sessions and special sessions. The aim of the conference is to cover the two vital areas of communication system and system design in embedded system & VLSI design.

**ABOUT THE INSTITUTION**

Gyan Ganga Institute of Technology & Sciences, Jabalpur is a NBA, TCS & IAO accredited and ISO 9000:2008 Certified institute established in the year 2003. It is affiliated to Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal and is an AICTE approved institution. The Gyan Ganga family has reiterated its commitment to impart technical education to a broader cross section of population in the country in general and in Mahakaushal & Madhya Pradesh in particular by opening two more Engineering colleges namely Gyan Ganga College of Technology in Jabalpur (2006) & Gyan Ganga Institute of Technology & Management in Bhopal (2007). The institute of the group provides excellent infrastructure, well equipped laboratories, large computer centers with high bandwidth and WiFi internet facility and library with large number of books on different subjects and National/International Journals internet access. Modern facilities and amenities are available in the campus. A highly proactive Training & Placement cell is fully functional. GGITS offers B.E. Degree courses in Electronics & Communication Engg., Computer Science & Engg., Mechanical Engg., Electrical Engg., Information Technology, Civil Engg., Electrical & Electronics Engg., and Post Graduate Courses in M.Tech. in Embedded System & VLSI Design, Communication System, Computer Science, Advanced Production System & Energy, M.B.A. & M.C.A.

**LOCATION**

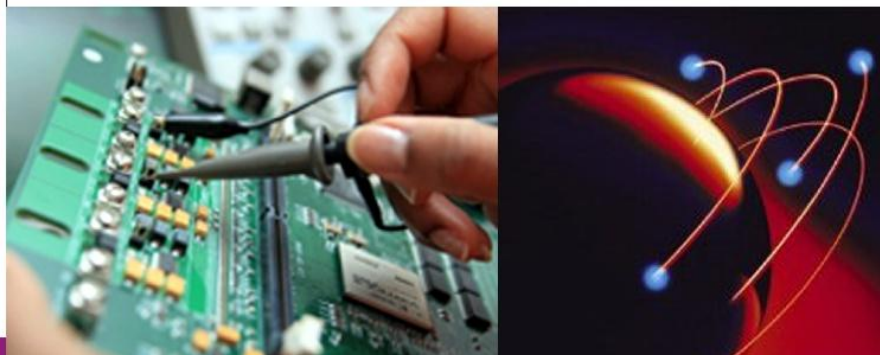
The Institute is functioning in an area of about 25 acres at Tilwara Ghat Road near Bargi Hills in Jabalpur district of Madhya Pradesh with lush greenery around the campus & close to the banks of Holy river Narmada and is 10 Kms from main bus stand & Railway Station of Jabalpur on National Highway (NH-07). The city of Jabalpur is well connected with the rest of the country by rail and road. The nearest airport is at Jabalpur (Dumna) (20Kms). Direct air link from Delhi, Indore & Bhopal to Jabalpur is available. The place has healthy climate with moderate temperature ranging from 20°C to 30°C in the month of February.

**ABOUT THE DEPARTMENT**

The department offers B.E. in Electronics & Communication Engineering & M. Tech programme in Embedded System & VLSI Design and Communication System. The department is accredited by NBA. The department has well equipped laboratories. Internet access to the Institute is provided through 8 Mbps (Airtel) and 2 Mbps (BSNL) link. Online access to International/National Journals and conference resources is available through Science Direct. The department has 30 well experienced, dedicated faculty members with different specializations. The department has well established Electronics Devices & Circuits, Communication, VLSI & Embedded system simulation, Microwave & DSP laboratories. The department has received amount for communication lab under MODROB scheme by AICTE.

**CALL FOR PAPERS**

Papers are invited from research scholars, engineers, faculty and students in the above areas. The prospective authors are invited to submit their full length paper limited by email to [icssd12@ggits.org](mailto:icssd12@ggits.org). The deadline for the submission of full paper is 05/02/2012. The papers must be submitted in electronic format (MS Words or PDF). The papers must follow the IEEE format and should not exceed 6 pages. They will be independently peer-reviewed and acceptance will be notified.



**National Conference on  
Innovations in Communication System & System Design**

**(ICS<sup>2</sup>D-12)**

**On 2nd & 3rd March, 2012**

**REGISTRATION FORM**

Name: .....

Designation: .....

Organization: .....

Mailing Address:.....

.....

E-mail: .....

Phone: ..... Fax: .....

Mobile: .....

Title of the paper: .....

.....

Delegate Type: Industry/Academics/Student

Accommodation Required(Yes/No) .....

*(If yes, the participant may contact the organizing convener well in advance)*

**Payment Details**

DD No: ..... Date: .....

Bank:.....

Amount: .....

In Favour of GGITS, Jabalpur, payable at Jabalpur (MP)

Date:

Place:

Signature