

### Chief Patron

**Dr. Thomas P. John**

Chairman, T. John Group of Institutions

### Patrons

**Dr. A.N.N. Murthy**

Principal, T. John Institute of Technology

**Wg. Cdr. (Ret'd) P. Sambasivan**

Campus Director, T. John Group of Institutions

### Convenor

**Dr. T. R. Mahesh**

Professor & Head, Dept. of CSE, T. John Institute of Technology

### Organizing Committee

- **Dr. Nageswara Yogi A. M.**  
Professor & Head, Department of MCA, TJIT
- **Dr. Mahabaleswar Bhat**  
Professor & Head, Department of ECE, TJIT
- **Prof. Aravamudhan V.**  
Professor & Head, Department of TCE, TJIT
- **Dr. Satyanarayana Rao K.**  
Professor, Department of ECE, TJIT
- **Dr. S. R. Sudheendra**  
Professor & Head, Department of Mathematics, TJIT
- **Dr. H. R. Radha**  
Asst. Professor, Department of Chemistry, TJIT
- **Dr. Nagarajan G.**  
Professor & Head, Department of MBA, TJIT
- **Mr. Srinivasa H. P.**  
Asst. Professor, Department of CSE, TJIT
- **Ms. Anitha J.**  
Asst. Professor, Department of ISE, TJIT
- **Mr. Sunil Kumar M.**  
Asst. Professor, Department of MCA, TJIT
- **Ms. Shilpa M. V.**  
Sr. Lecturer, Department of CSE, TJIT
- **Ms. Sejal Nimbhorkar**  
Sr. Lecturer, Department of ISE, TJIT

### Advisory Committee

- Prof. S. A. Kori**, Registrar, VTU, Belgaum, Karnataka.  
**Dr. Raghavendra Rao G.**, Chairman, BOS, CSE, VTU.  
**Dr. Rajanikanth K.**, Director, MSRIT, B'lore.  
**Dr. H.N. Shivashankar**, Director, RNSIT, B'lore.  
**Dr. B.G. Prasad**, Prof. & HOD, CSE, BNMIT, B'lore.  
**Mr. Jabeer Ahmed**, Project Lead, HCL, B'lore.  
**Dr. Sunitha Abbaru**, Director, ACE, Hosur.  
**Dr. M. Ravishankar**, Prof. & HOD, CSE, DSC, B'lore.  
**Mr. Hemanth Kumar**, CEO, Horigine, B'lore.  
**Dr. Anand Kumar**, Prof. & HOD, CSE, SJBIT, B'lore.  
**Dr. Ramesh Babu**, Prof. & HOD, CSE, DSI, B'lore.  
**Dr. Kavitha C.**, Prof. & Member BOE, CSE, BNMIT, B'lore.  
**Dr. Dinesh R.**, Technical Manger, HCL, B'lore.  
**Dr. Vikas Arora**, Dean, AITS, Rajkot, Gujarat.  
**Dr. N. Rajkumar**, PG Prof & Head,  
Sri Ramakrishna Engg. College, Coimbatore.

### Important Dates

Last Date for Submission of Papers

**25<sup>th</sup> Feb, 2012**

Paper Acceptance Notification

**5<sup>th</sup> Mar, 2012**

Submission of Camera Ready Copy

**10<sup>th</sup> Mar, 2012**

Conference Dates

**21<sup>st</sup> & 22<sup>nd</sup> Mar, 2012**

Papers to be sent in IEEE Format to:

**RATE2012CONF@gmail.com**

**RATE2012@tjohnit.com**



**A Two Day National Conference On**

**“Recent Advances in  
Technology and Engineering”**

**21<sup>st</sup> & 22<sup>nd</sup> March 2012**



**Organized by**

**Department of Computer Science & Engineering  
Department of Information Science & Engineering  
Department of Master of Computer Applications**



**T. John Institute of Technology**  
Gottigere, Bannerghatta Road, Bangalore-560083  
Website: [www.tjohnit.com](http://www.tjohnit.com)

## About the Institution

T. JOHN INSTITUTE OF TECHNOLOGY was established by Dr. Thomas P. John, in the year 2006. The college focuses on imparting UG/PG and Doctoral Programmes (PhD) in various Engineering disciplines.

### Undergraduate Courses (BE):

- Computer Science and Engineering
- Electronics & Communication Engineering
- Information Science and Engineering
- Telecommunication Engineering
- Mechanical Engineering

### Postgraduate Courses

- M. Tech. (VLSI & Embedded System)
- Master of Business Administration (MBA)
- Master of Computer Applications (MCA)

TJIT also offers **Doctoral Programmes (PhD)** in the following disciplines.

- Computer Science and Engineering
- Electronics & Communication Engineering
- Management
- Mathematics

T. John Institute of Technology is affiliated to Visvesvaraya Technological University (VTU), Belgaum and recognized by Govt. of Karnataka and AICTE, New Delhi. It is one of the premier Institutes in Engineering and has carved a niche for itself in the field of technical education.

## About the Department

The Department of Computer Science and Engineering was established at TJIT in 2006. Since inception, the department has grown meteorically and in August 2010, it was sanctioned with an additional intake of 60 seats. The department seeks to excel as a technology hub processing research and educating students in current technological developments. It is equipped with state of the art infrastructure and supported by a team of dedicated and qualified faculty members.

## Conference Objective

RATE-2012 aims at bringing together researchers and experts in various emerging fields of Science and Technology to a common platform to discuss and exchange their expertise and views for knowledge enhancement and to create user-friendly state-of-the-art systems and their control in various applications for the benefit of society.



## Call for Papers

The conference aims at covering a broad spectrum of topics including (but not limited to) the following:

- Wireless Systems
- Data Mining & Data Warehousing
- Image Processing
- Mobile Computing
- Cloud & Grid Computing
- Soft Computing
- Artificial Intelligence
- High Performance Networks
- Network Security & Data Communication
- Software Engineering
- Software Architecture
- VLSI Design
- Pattern Recognition and Machine Learning

## Sponsored by



VTU



21<sup>st</sup> & 22<sup>nd</sup> March 2012

## Registration Form

Name: .....

Department: .....

Designation: .....

Name of the Institute/Industry: .....

Address: .....

Mobile: .....

Email: .....

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

(DD drawn in favour of "T. John Institute of Technology", payable at Bangalore)

Place: ..... Date: .....

### Registration Fee:

Academicians (Faculty/Research Scholar):	Rs. 500/-
UG & PG Students:	Rs. 400/-
Industry Participants:	Rs. 600/-

The filled application form along with DD should be sent to the Convenor RATE-2012

Applicant's Signature