

Important Information

Last date of registration: 23.02.2008
Selection & Confirmation: 27.02.2008

| Registration Fee: | National | International |
|------------------------------|----------|---------------|
| * Academic Institutions: | INR.600 | USD 100 |
| * Personnel from Industries: | INR.2000 | USD 200 |
| * Research Scholars: | INR.300 | USD 50 |

Registration fee is to be paid in the form of DD in favor of "Chief Coordinator IW-ESOA08" payable at Bagalkot. The number of participants is limited to 30. Boarding and Lodging will be provided on BEC campus. Please note that Travel Allowance (TA) and Day Allowance (DA) will have to be borne by the participants.

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Registration Form

For registration form and other details,
please visit www.becbgk.edu/wk/iw-esoa.html
www.brockhaus-india.com/wk/iw-esoa08.htm

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INTERNATIONAL WORKSHOP

On

Enterprise Systems and Service Oriented Architectures

07 – 19 March, 2008

Jointly organized by



**Basaveshwar Engineering College,
Bagalkot, Karnataka, India**



Brockhaus Group - India & Germany



**Information Systems Institute,
University of Siegen, Germany**



Sponsor

**Technical Education Quality Improvement
Program (TEQIP) of World Bank**

Introduction

According to a NASSCOM-McKinsey report the annual revenue projection for Indian IT Industry in 2008 is USD87 billion and market openings are emerging across four broad sectors - IT services, software products, IT enabled services and e-business thus creating a number of opportunities for Indian companies. In addition to the export market all of these segments have a domestic market component as well. The worldwide market opportunity for Service oriented architecture (SOA) is expected to touch USD143 billion and companies can save up to USD53 billion in IT spending over the next five years by implementing SOA. A key finding from the research is that within the Asian region, there is an overall lack of awareness of SOA, which is the key factor holding back wider adoption. Interviews with IT vendors show that the longer-term potential will be greatest in China, India and Japan. The SOA market in India is expected to grow at a Compounded Annual Growth Rate (CAGR) of 49 percent from 2006-2009, making it the fastest growing market in the region. Approximately 2000 companies implementing SOA will accrue savings of over USD53 billion by 2010.

One of the objectives of this workshop is to enhance the knowledge and skills required for faculty in education & training area, to face the appropriate industry required challenges and more specifically in the area of IT enterprise systems within the complex-structured IT Enterprises. The other objective is to bring together the academia scholars, researchers and a commerce domain professionals to a common platform to exchange research ideas and interests, to present the newest technology research results and to discuss the cutting-edge technology. The workshop concentrates on the technology requirements of the emerging markets with special concentration to Asian markets perceived from the international outlook especially from Germany & other parts of Europe. The participants refresh his/her knowledge of basics of software technology and move on to the industry required technological implementation details of Enterprise Systems & Service-Oriented Architectures.

Target Audience:

- * Academic Faculty from TEQIP Institutions and AICTE approved Engineering and Technology Institutions.
- * R&D Organizations and Industries.
- * Other professionals oriented towards this technology.



Contents

The programme emphasizes and orients toward intensive learning with practical experience on software engineering and development methodologies, modelling of IT applications, programming languages, integration technologies for enterprise architectures, business process management, enterprise service oriented architectures, etc.

Information Technology at Asian & European Context

Software Foundations – Java Technology

- Software Applications Development Methodology
- Object Oriented Analysis & Design with Applications
- Java Platform, Standard Edition: Applications development

Enterprise Systems Foundations - Java Technology

- Java Platform, Enterprise Edition: Applications development
- Web Services and Enterprise Applications Architectures

Enterprise Service Oriented Architectures Foundations

- Introduction to Service-oriented Architecture (SOA)
- The Role of the Enterprise Service Bus (ESB)
- Business Process Management (BPM)
- The ESB Platform - ESB and process choreography
- SOA Organization - SOA Governance and Project Management

SOA and Grid Computing at Academics & Research

- Introduction to Service-oriented Grid Computing
- Overview of GLOBUS Toolkit V4
- Grid Computing in Academia and Industry
- Audio-Visual presentation in the context of Grid Computing

Enterprise Systems: Implementation

- Enterprise Systems project management
- Inter-cultural issues at IT industry

The above mentioned contents include sessions on theoretical foundations with practical orientation where delegates develop the software applications as examples. Management speeches, demos of the examples/applications as case studies, presentations and discussions with the delegates are special features of this workshop.



Organizers

The Basaveshwar Engineering College one of the premier institutions under the auspices of BVV Sangha, is established in the year 1963. The college is Karnataka Government Aided Institution, Affiliated to VTU, Belgaum and approved by AICTE, Accredited by NBA and a lead Institute under World Bank assisted project TEQIP. At present, it offers the degree programme in ten disciplines, eight postgraduate programmes in four disciplines and MCA programme. The departments of Mechanical, Civil, Electrical & Electronics, Computer Science, Electronics & Communication Engineering and Industrial Production Engineering have been recognized as research centers by VTU and offer M.Sc.(Engg) by research and Ph.D. Programme. Faculty members of the College are actively involved in executing number of R&D and consulting projects from Government Agencies like DRDO, DST, CSIR, KSCST and TEQIP sponsored research projects.

The University of Siegen, Germany has partnerships with leading European Universities. Today, the university offers a variety of degree programs, such as Bachelor, Master and Teacher Training courses. The University of Siegen is particularly committed to develop and maintain international links. The official partnerships with almost 100s of universities and institutes worldwide form a basis for active exchanges between visiting professors and students alike. Furthermore the tradition of Siegen as a homestead of education and science goes back to the 16th century.

Brockhaus Group, India and Germany, founded in 1988, is a provider of highly specialised technology consulting, training, coaching and solutions implementation services focused on Enterprise Architectures & Systems, Business Process Management solutions, Enterprise Service-Oriented Architectures, etc.

The city **Bagalkot** is located in the northern part of Karnataka and is on the banks of river **Ghataprabha**. It is surrounded by many historical places of interest like whispering gallery of **Golgumbaz**, birth place of one of the greatest Mathematician of 12th century **Bhaskara** in Bijapur, the land of the great philosopher and social reformer of 12th century **Basaveshwar**, Scintillating stone Carvings at **Pattadakallu** and **Aihole**, reminiscences of **Chalukya dynasty** at Badami(30Kms), the world renowned pilgrim centre of **Veerashivas** at Kudal Sangam(50Kms), ruins of **Vijaynagar empire** at Hampi(150Kms) and an elegant dam site of Alamatti(45Kms). Bagalkot is well connected by road/rail from Bangalore(500Kms), Hyderabad(450Kms), Hubli(120Kms), Belgaum(145Kms) and Bijapur(85Kms). The nearest airports are at Bangalore, Hubli and Belgaum.

