

IWSOC

INTENSIVE WORKSHOP ON SERVICE-ORIENTED COMPUTING

Day – 1 (16 th Dec 2006, Saturday)		
08:00 – 09:00	Registration	
09:00 – 10:30	Introduction of Service-Oriented Architecture Shri Ankur Goyal IT Specialist - IBM Academic Initiative, IBM India Pvt. Ltd.	Industry / Line of Business , Governance & Security Management
10:30 – 11:00	Tea Break	
11:00 – 12:00	Fundamentals of Distributed Computing Dr. Sanjay Chaudhary DA-IICT	Introduction to theoretical foundation of distribution computing: RPC, RMI, Enterprise Application Development and J2EE, Enterprise Application Integration
12:00 – 13:30	Web services: Concepts, protocols, development, and deployment Shri Kumar Majethia, CEO, Probity Soft Pvt. Ltd.	Introduction to concepts, protocols: SOAP, WSDL, UDDI, Development life cycle, deployment, and testing of Web services
13:30 – 14:30	Lunch Break	
14:30 – 15:30	Case study of Web services based Enterprise Information System Shri Kumar Majethia	
15:30 – 16:00	Tea Break	
16:00 – 18:00	Lab Sessions: 1. Distributed Computing 2. Development of Web services	Hands-on exercise in Eclipse-WTP, XML processing, Development and Deployment of EJBs, and AXIS Web Service Development and testing of Web services with Eclipse

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Day – 2 (17 th Dec 2006, Sunday)		
09:00 – 10:00	Grid Computing: Concepts, Architecture, OGSA, Applications, WS-RF Dr. Sanjay Chaudhary	Introduction to OGSA, Salient features of Grid Computing, Applications of Grid Computing, Stateless vs. Stateful Services, WS-RF
10:00 11:15	Introduction to Globus toolkit and Development of Grid Service Dr. Sanjay Chaudhary	Globus Toolkit 4: Architecture, Container, installation, and configuration WS-RF and development of grid services
11:15 11:30	Tea Break	
11:30– 13:30	Lab Session: “Grid Services and GT4”	Hands on Lab, WS-RF specification, Development, and Deployment of Grid Services
13:30 – 14:30	Lunch Break	
14:30 – 16:00	Service-Oriented Architecture (SOA): Key Adoption Trends, Best Practices in Enterprise SOA Roadmap Planning Dr. Srinivas Padmanabhuni, Principal Researcher, WS and SOA Center of Excellence, Infosys Technologies Ltd.	Concepts, emerging opportunities and challenges
16:15 – 16:30	Tea Break	
16:30 – 17:30	Development and Deployment of Service-oriented Application and Windows Communication Foundation (CF) Shri Tejas Shah, Academic Developer Evangelist, Microsoft India Pvt. Ltd.	CF unifies and extends the functionality of existing Microsoft connecting technologies, providing a single programming model independent of underlying communications protocols. This session will introduce WCF and demonstrate how you can use WCF to build scalable services catering to enterprise scenarios.
17:30 – 18:30	Service-Oriented Architecture and TIBCO Products Shri Salil Kulkarni Engineering Director, Business Integration TIBCO Software India Pvt. Ltd..	An introduction to TIBCO's products that simplify the design, testing, deployment and management of solutions based on SOA for real-time businesses
18:00– 19:00	Valedictory session	