

"Hear the author of the textbook in the class room"

Software Testing & Quality Assurance Workshop

When: August 11 – 13, 2009 (9:00 am – 1:00 pm), Aug. 14, 2009 (9:00 am – 5:00 pm)

Where: OCAC Building Conference Hall, Ground Flr, Acharya Vihar Sqr., Bhubaneswar



ABOUT THE WORKSHOP

Based on the title "Software Testing and Quality Assurance: Theory and Practice" by Sagar Naik and Piyu Tripathy, published by John Wiley (August 2008).

- **Fundamental concepts** with particular **emphasis on the practical aspects** of software testing
- Includes **process, and managerial topics**
- **No prior experience** in the software testing and QA is assumed
- In a **step-by-step** manner, with course material contains a **large number of examples from real systems**
- Set of **problems and solutions** for each topic and **Hands-on practice** on the last day

WHO SHOULD ATTEND?

- **Professionals** already working in the **software** or, wish to pursue a career in the broad field of software development
- Final year students of **B.Tech**, Students pursuing **M.Tech, MCA** for career opportunities
- **Faculty** from engineering colleges and Technical Coaching Centers and other IT related establishments
- Anyone desirous, pursuing or involved in **CMM, TMM and TPI** or, preparing for CMM certification

HIGH-LEVEL LEARNING OBJECTIVES

The workshop covers topics in technical, process, and managerial aspects of software testing. The topics are designed and organized to enable the participants to become software test specialists. The following topics will be covered:

- ✦ *Fundamentals of testing theory and concepts*
- ✦ *Practices that support production of quality software*
- ✦ *Software testing techniques*
- ✦ *Life-cycle models of requirements, defects, test cases, and test results*
- ✦ *Process models for unit, integration, system, and acceptance testing*
- ✦ *Test Automation*
- ✦ *Building test teams, including recruiting and retaining test engineers*
- ✦ *Quality Models and Capability Maturity Model (CMM)*
- ✦ *Testing Maturity Model (TMM) and Test Process Improvement (TPI) Mod*

ABOUT THE INSTRUCTOR

Piyu Tripathy received his M. Math. degree in computer science from University of Waterloo (Canada), and Ph.D. degree in Electrical Engineering from Concordia University (Canada). He has fifteen years of experience in software testing and QA at Eicon Networks, Nortel Networks, Cisco Systems, Airvana Inc., and NEC Laboratories America, Inc. Now, he has accepted a faculty position at BIT, Bhubaneswar.

Course Fees: Rs. 2,500 for Industry Participants, Rs. 1,200 for Faculty, Rs. 900 for Students, including working lunches on the last day and other expenses. The fee can be paid by Cash or in the shape of a demand draft in favor of "Bhubaneswar Institute of Technology" payable at Bhubaneswar and paid at "City Office, Bhubaneswar Institute of Technology, N-3/426, IRC Village, Bhubaneswar – 751013". Money Receipt will be issued for all Fee payments.

For Registration: Email to: workshop@bit.edu.in or Call 0674-2556248

Deadline: August 07, 2009. **Only 60 seats** are available on first come first serve basis.