

## **An Overview:**

From December 29 2003 – March 12 2004, CIIR pursued research & education activities of: Preparation of White Papers; Guiding doctoral research in I\*I (this is a continuing activity); Conducting of I\*I Doctoral Student's Research Progress Seminar; Conducting Intensive I\*I Research Workshop for on going Ph.D. student; Conducting Intensive I\*I Research Workshops for training of prospective I\*I researchers; I\*I Research interaction with experts; Networking with institutions to initiate research projects and programs; Professional Editing of CIIR's Research Publications; and Development of I\*I Research Web Site at CIIR.

These activities are briefly described here.

### **1 Preparation of White Papers**

During the period under consideration, CIIR has prepared following White Papers.

[a] Mandke V.V., *Traditional IS, Quality IS, and Integrity IS – A Comparative Statement*, CIIR, New Delhi, February 2, 2004.

[b] Mandke V. V., *Two Examples Illustrating Analytical Approach To I\*I Process Level I Design For Ensuring Integrity IS in the face of Environmental Variations*, CIIR, New Delhi, 5 March 2004

### **2 Doctoral research in I\*I**

From July 2003, Ms. Reema Khurana, Computer Science Faculty of Institute of Management & Technology (IMT), Ghaziabad, Delhi is registered at S.N.D.T. University, Bombay for her Ph.D. degree work in the topic "Achieving I\*I for Open System Data Bases". Dr. Ramesh, Professor of Computer Science & Engineering, IIT Bombay and Professor Vijay Mandke are her joint guides.

- **Guiding Ph. D. research**

Prof. Mandke is actively engaged in guiding Ms. Khurana in her doctoral work progress.

**Note:** This is a continuing activity.

### **3. Conducting of I\*I Doctoral Student's Research Progress Seminar**

On 21 February 2004, doctoral student Ms. Reema Khurana gave her first I\*I Doctoral Research Progress Seminar at IIT Bombay. Professor C. Ramesh, Dept. of Computer Science & Engineering, IIT Bombay, Prof. K. Narayanan, Professor of Economics, Dept. of Humanities Studies, IIT Bombay and Prof. Vijay Mandke attended the seminar, which was held at the Software Verification Laboratory Seminar Room.

### **4. Conducting Intensive I\*I Research Workshop for on going Ph.D. student Ms. Khurana**

On 19-20 February 2004, Professor Mandke held at Pune center an intensive I\*I research workshop for I\*I doctoral student Ms. Reema Khurana. In addition to reviewing the work completed by her so far, during the workshop, research direction was also outlined for Ms. Khurana for the coming year.

### **5. Conducting Intensive I\*I Research Workshops for training of prospective I\*I researchers**

In January 2004, I\*I Research workshops were held at Pune Center for:

- Faculty members from Cummins College of Engineering for Women, Pune,
- Faculty from Sinhgad Management Institute, Pune,
- Faculty from Smt. Kashibai Navale College of Engineering for Women, Pune.

### **6. I\*I Research interaction with experts**

In February 2004, I\*I research interaction meetings were held with:

- (a) Dr. Sridhar Page, IT Group, National Institute of Bank Management (NIBM), Pune,
- (b) Prof. C. A. S. Naidu, Center for Application of Systems Analysis in Development (CASAD), Pune,

- (c) Dr. K. Narayanan, Professor, Economics, Dept. of Humanities Studies, IIT Bombay, and
- (d) Mr. Ramesh Venkat, President, Sterlite Industries, Bombay

**Note:** Interaction with Professor Narayanan and Mr. Ramesh Venkat was at IIT Bombay. Mr. Ramesh Venkat has research interest in *IS Assurance* and *Auditing*.

#### **7. Networking with institutions to initiate research projects and programs**

CIIR is networking with institutions from Pune and from Bombay (IIT inclusive) to develop programs and courses in I\*I. Within this framework, during the period under consideration, CIIR had following notable meetings.

- (a) Meetings at IIT Bombay with Dr. Ramesh and Dr. Narayanan,
- (b) Meeting with Principal Ghodekar and Vice-Principal A.V. Deshpande, Smt. Kashibai Navale College of Engineering for Women, Sinhgad Technical Education Society, Pune,
- (c) Meeting with Prof. A. Hirve, Vice-Principal, RBI College, Pune.
- (d) Meeting with Dr. S. Kelkar, IT Professor, IIT Bombay,
- (e) Networking interaction with Principals and faculty of educational institutions at and around Somaiya Education Society, Bombay

**Note:** Prof. Mandke is also in communication with Prof. Kamna Malik, IMT, Ghaziabad and Dr. B. S. Pande, IIT Delhi.

#### **8. Professional Editing of CIIR's Research Publications**

Currently, CIIR is working on professionally editing CIIR's research publications.

#### **9. Development of I\*I Research Web Site at CIIR**

Work for development of I\*I Research web Site has been started.