

## Overview

### 1. The Activities Undertaken – Entrepreneurship, Research & Education, and Publication:

From December 2002, through last seven months, CIIR has pursued research & education activities of: Preparation of white papers; Delivering of I\*I Seminar and Knowledge Area Awareness Discussions; Doctoral research in I\*I in terms of: (a) Guiding Ph. D. student and (b) Organization of I\*I Research interactions with prospective doctoral candidates; Preparation of I\*I Research Project proposal for collaboration with Healthcare industry; Networking with institutions in India (including IITs) to initiate I\*I courses and programs; Reviewing I\*I research projects; and Preparation of I\*I Research papers for conferences and academic summit. These activities are briefly described here.

#### 1.1 Preparation of White Papers

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

- [i] Mandke, V. V. and Nayar, M. K., **Information Integrity a critical factor in Structure Safety, Security and Reliability.**
- [ii] Mandke, V. V. and Nayar, M. K., **Global Companies and Local Markets - Criticality of Information Integrity for Competitive Advantage.**
- [iii] Mandke, V. V. and Nayar M. K., **Information Pollution – Thermodynamic Interpretation of Loss of Information Integrity in IS and in Information there from.**
- [iv] Mandke V. V. and Nayar M. K., **Information Integrity - Adding Value to Corporate Assets.**
- [v] Mandke V. V. and Nayar M. K., **Planning Framework for Achieving Information Integrity.**
- [vi] Making Case for I\*I in Healthcare

White Papers under preparation

- [vii] Mandke V. V. and Nayar M. K., **Firms Believe Quality Information Is Critical, But Don't Act On It. Why? – On Controlling I\*I Analytically for Competitive Advantage.**
- [viii] Draft copy of Research monograph entitled: **Information Integrity Technology Design – I\*I Assessment Guide Words for Deviation.**

Initiated work on editing of I\*I papers presented in the past at various Conferences. This work is currently in progress.

#### 1.2. I\*I Seminar presentation and Knowledge Area Awareness Discussions

- [i] Delivered seminar on “I\*I Research and Education Issues” at Kashibai Navale Engineering College for Women at Sinhagad Technical Education Society. (January 03).
- [ii] Delivered seminar on “Information Integrity – Issues and Approaches” at Department of Mathematics, Indian Institute of Technology, Delhi. (April 2003).
- [iii] Knowledge Area Awareness Lectures/Discussions at:
  - IIT Bombay, India,
  - SNTU, Bombay.

#### 1.3. Doctoral research in I\*I

##### • Guiding Ph. D.

Ms. Reema Khurana, Associate Professor, Institute of Management Technology (IMT), Ghaziabad, UP, India is registered at SNTU University, Mumbai for her Ph.D. on I\*I topic. Her doctoral research topic is: *Achieving Information Integrity for Open System Data Bases*. For her doctoral work, she is jointly guided by Dr. S. Ramesh, Professor, Computer Science and Engineering, IIT Bombay and Prof. Vijay V. Mandke, CIIR.

##### • Training for prospective research initiatives

Research interactions with faculty members from engineering institution(s) from Pune in I\*I research areas of:

- Knowledge Enterprise Management - Information Integrity Approach,
- I\*I implications in SDILC Model, and

- I\*I implications in /S.

#### **1.4 Preparation of I\*I Collaborative Research Projects' Note**

Preparation of a note exploring research and education collaboration opportunities between Health Care institution and IIC in the area of Information Integrity (I\*I) Applications in Healthcare management.

#### **1.5 Initiation of I\*I courses and programs**

- i. Institute of Management Technology (IMT), Ghaziabad, UP has introduced *Information Integrity* specialization stream under its Post-Graduate Diploma in Master of Computer Applications from the Academic Year 2003-04.
- ii. Recognizing the importance of the subject area of Information Integrity, Indian Institute of Technology, Delhi has approved an elective course in *Information Integrity* under its Five Year Integrated M. Tech in Mathematics & Computing.
- iii. CIIR is also networking with IIT Bombay and SNDT Mumbai for developing I\*I course offerings.

#### **1.6 Reviewing I\*I Research Papers by Co-op students**

- i Reviewing I\*I proposal/papers by Co-op students.

#### **1.7 Conference Papers**

- i. Participation with IIC Team in preparing paper for **AHIMA2003** Conference.
- ii. Mandke, V. V. and Nayar, M. K., "**Beyond Quality: The Information Integrity Imperative**", Contributed paper accepted for presentation and publication at the 8th **World Congress on Total Quality Management** scheduled at Dubai, 8-10 October, 2003.
- iii. CIIR Paper "**Elements of Information Integrity**", Prepared for **I\*I Academic Summit**, Stuart Graduate Business School, IIT, Chicago, May 15, 2003.