

An Overview:

Main CIIR Activity: At IIT Bombay, during the recently completed Autumn Semester 2004-05, CIIR participation in teaching PG Level Course HS 613 Information Integrity:

CIIR Activity report till 23 August 2004 has reported introduction of PG level Information Integrity course at IIT Bombay and UG level Information Integrity course at IIT Delhi. At IIT Bombay the course “*HS 613: Information Integrity*” is introduced at the PG level as Institute wide elective under the Department of Humanities and Social Studies (HSS). IIT Delhi has introduced *Information Integrity* course as Institute wide elective at the UG level under the Institute’s Integrated M. Tech. Degree program in Mathematics & Computing.

The Department of Humanities and Social Studies of IIT Bombay made the first offering of the course *HS 613 Information Integrity* in the recently concluded Autumn Semester, which was held from July 26, 2004 – December 5, 2004. The course was taught by Professor K. N. Narayanan, Associate Professor, Economics, HSS, IIT Bombay, who was the Instructor In-Charge for the course, and Professor Vijay V. Mandke, Research Leader, CIIR, who was invited by the HSS Dept. to be the Instructor for the course.

Additional CIIR Activities:

In addition to the successful participation of in teaching of *HS 613: Information Integrity* course at IIT Bombay, the other research and education activities pursued by CIIR during the period August 24, 2004 – December 6, 2004 are: Guiding doctoral research student in I*I (this is a continuing activity); Organizing doctoral research student’s seminar at RBI, Pune; Participation in doctoral research student’s yearly progress seminar at the Dept. of Computer Science & Engineering, SNDT University, Bombay; Conducting Intensive I*I Research Workshops for training of prospective I*I researchers; Networking with institutions to initiate I*I research projects and programs; Library search at IIT Bombay for I*I course development; Professional Editing of CIIR’s Research Publications, and Development of I*I Research Web Site at CIIR.

These activities are briefly described here.

1. HS 613: Information Integrity Course Offering in Autumn Semester 2004-05 at IIT Bombay

[Appendix in the document “A Brief Report on CIIR Activities: May 28, 2004 – August 23, 2004” gives HS 613 Information Integrity course objective, I*I course contents and texts/ references for the course.](#)

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.

- o On 17-19 November 2004, Ms. Khurana visited Pune, when Prof. Mandke held intensive research discussions with her.

Organizing doctoral research student seminar at RBI, Pune

- o On 18 November 2004, CIIR organized a seminar presentation by Ms. Khurana at RBI, Pune. The presentation was on I*I research being carried out by her. Prof. Hirve and other technical officers of RBI, Pune and faculty from Sinhagad Technical Institutions, who have been interacting with Vijay in their effort to prepare for I*I research, attended the seminar.

Participation in doctoral research student's yearly progress seminar

- o On 20 November 2004, Ms. Khurana presented her doctoral research yearly progress seminar at Dept. of Computer Science & Engineering, SNDT University, Bombay. Dr. Parvati Rajan, Dean, Dept. of Computer Science & Engineering, SNDT University and Vijay participated in the seminar.

3. *Conducting Intensive I*I Research Workshops for training of prospective I*I researchers*

During the period under consideration, I*I Research workshops were held at Pune Center for the faculty members from Sinhagad Institute of Management and Sinhagad Engg. College.

4. *Networking with institutions to initiate I*I research and education programs*

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

- (a) Meeting with Dr. Parvati Rajan, Dean, Dept. of Computer Science & Engineering, SNDT University, Bombay,
- (b) Meetings with Prof. A. K. Hirve, Vice-Principal, and Ms. Jivani, GM, RBI College of Agricultural Banking, RBI, Pune,
- (c) Meeting with Professor A. V. Deshpande and other faculty members of Sinhagad Technical and Management institutes, Pune.
- (d) Meeting with Prof. Ramanathan, Head, Dept. of HSS, IIT Bombay,
- (e) Meeting with Prof. N. L. Sarda and Prof. Narayanan, IIT Bombay.

- (f) Meeting with Prof. Avasare, Principal, Bharatiya Vidyapeeth's Engineering College, Bombay.

5. *Library search at IIT Bombay for I*I course development*

During this period in the course of his visits to IIT Bombay, Vijay undertook library search at IIT Bombay for Information Integrity course development and offering.

6. *Professional Editing of CIIR's Research Publications*

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

7. *Development of I*I Research Web Site at CIIR*

Work for development of I*I Research web Site is in progress.