Research Output of Faculty Members of CIIT Lahore:
For the year 2009

VOL-I:
Computer Science, Chemical Engineering, Physics,
IRCBM, Electrical Engineering and Management Science

Compiled By:
Library Information Services
COMSATS Institute of Information Technology
Lahore
Preface:

Due to research publication, the Higher Education Commission has declared CIIT on number 5. No doubt, the research development and publications are the hallmark of any institute. The research publications of CIIT are growing very rapidly in terms of quantity and quality.

CIIT Lahore also contributes in research publications and produce large number of papers in peer reviewed journals. The compilation in your hands is the proof that apart from providing quality education the CIIT Lahore also producing good number of research publications which published in National and International highly regarded journals. This compilation comprises not only journal papers but also have conference papers. Due to its volume the compilation were made in two binding i.e. Vol-I and II. Vol-I consists on publications of Computer Science, Chemical Engineering, IRCBM, Electrical Engineering and Management Science. The Vol-II consists on the publications of Mathematics.

Only those papers were selected which publish in 2009 at CIIT platform. This compilation also consists on journals and some conference papers.

The credit of this compilation goes to HODs of concerned departments; they not only collect the papers from the faculty members but also send me with proper binding and index. The library staff just re-binding the papers after some sorting. The library staff particular Ms. Raiqa Pervaiz, Mr. Naveed Sabir and Mr. Muhammad Ishtiaq did their job in a better way and on time.

Last but not least, the Director CIIT Lahore not gave the guide lines but also encourage me for this compilation. He is the main motivator of this articles collection.

Tariq Najmi
Incharge, Library Information Services
April 20, 2010
RESEARCH OUTPUT (2009) OF FACULTY MEMBERS
CIIT LAHORE

Departmental Detail of Research Publication

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Research Output of Faculty Members in 2009

Research Output by Faculty Members in 2009

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References:

**A. Department of Computer Science**


**A.I Conference Papers**


**B. Department of Chemical Engineering**


B.I Patent


C. Department of Physics


27. Muhammad Ashfaq Ahmad and Shutian Liu, “Superposition of two coherent states π/2 out of phase with average photon number as relative phase”, Optik. 2009, 120: 68-73. (SCI, IF = 0.507)

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**E. Department of Electrical Engineering**


47. Ejaz A. Ansari, Nandana Rajatheva “Exact SER Analysis of OSTBC MIMO-OFDM Systems Over Uncorrelated Nakagami-m Fading Channels” IEEE(2009)


F. Department of Management Science

53.


76. A. Rafiq, *Implicit fixed point iterations for pseudocontractive mappings*, KODAI MATH. J. 32 (1) (2009), 146-158.


88. A. Rafiq, B. S. Lee, A note on “Simpler is also better in approximating fixed points”, Nonlinear Analysis Forum 14 (2009), 99-102.


Conference Papers


