Karachi Press Release March 09, 2013

National colloquium unfolds miracles of mathematics

At the 7th National Mathematics Colloquium organized at the Institute of Business Management (IoBM) today, concerned experts, including scientists, mathematicians, academicians and professionals, unfolded miracles of mathematics in the developmental perspective of Pakistan, says an announcement from the IoBM Public Affairs Section.

The theme of the Colloquium was “Stochastic Modeling and Data Analysis” – Applications in Actuarial Science, Risk Management, Computer Science, Engineering, Economics, Finance and Management. Papers presented applied to such fields of growth as agriculture, industry, banking, insurance, trade, commerce, shipping, aviation, business, management, transport, communication, environment, energy, medicine, engineering, science, technology and information technology etc. Such personalities were present, who have become trend-setters in reversing the brain drain in the topics pertaining to the theme as Prof. Dr. S. M. Aqil Burney of Karachi University, Prof. Masood-ul-Haq, Usman Institute of Technology, Karachi, Mr. Samiul Hassan, an Actuary of national and international repute and others.

Papers presented in this Colloquium included Analyzing Human Communities Using Fuzzy Graphs by Sarah Altaf and Ayesha Kidwai; Stochastic Exponential Model for Population Growth by Ubaidullah, Arfan Haider, Erfan Qureshi; Extending the Stochastic Approach to Paasches Price Index Numbers by Prof. Dr. S. M. Aqil Burney and Arfa Maqsood; Conditional Relationship between Risk and Return: Evidences from an Emerging Market by Sara Azher; Does Stock Price Volatility Originates from Macro Shocks? Empirical Evidence from the South Asian Equity Market by Javed Iqbal and Sadia Aslam; Application of Stochastic Volatility Model to KSE-100 by Syed Monis Javed.

Speakers believed when proposals of such colloquia benefit such fields of development as those pertaining to social, physical, biological, medical, environmental sciences etc., or for that matter, favorably contribute to economic development, business management and its allied disciplines, what remain of vital significance is feedback and follow up so that these benefits are favorable reflected in the overall developmental perspective of the country.

Earlier, Mr. Talib Karim, Rector, IoBM, congratulated the organizers on this occasion, especially in inviting the brains of the country to illuminate the audience on such a specialized theme as Mathematics Colloquium on “Stochastic Modeling and Data Analysis” and their application in such fields as already pursued in different programs academic at IoBM. While Dr. Syed Iftikhar Ali, Head of the Department of Mathematics at IoBM welcomed the distinguished guests, Dr. Ejaz Ahmed, Dean, College of Computer Science and Information Systems (CCSIS) reflected upon the theme of the Colloquium and said that IoBM was the only institution hosting and sharing through such colloquia for seven consecutive years. The Institute of Business Management has previously organized Mathematics colloquium on the various themes such as, Optimization, Simulation, Financial Mathematics, Risk Management, Forecasting and Risk Forecasting.
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Prof Dr SM Aqil Burney of Karachi University, Prof Masood-ul-Haq from Usman Institute of Technology, Karachi and Samiul Hassan, an Actuary of national and international repute, were also preset on the occasion.
Mathematicians use fuzzy graphs to bring development opportunities into focus

Papers presented at the conference included ones on the analysis of human communities using fuzzy graphs, stochastic exponential model for population growth and the conditional relationship between risk and return with evidence from an emerging market. PHOTO: FILE

KARACHI: Many frustrated students have often stared at sequences of symbols and numbers in textbooks, wondering what utility, if any, the exercise could have in ‘real life’. At the seventh National Mathematics Colloquium organized on Saturday at the Institute of Business Management (IoBM), professors pointed out how useful equations could be to Pakistan’s development.

The theme of the conference was how stochastic modeling and data analysis can help the country grow in various fields, including agriculture, banking and insurance, shipping, aviation, transport, environment, energy, medicine and engineering.

Dr Syed Iftikhar Ali, the head of IoBM’s mathematics department, welcomed the guests and the institute’s rector, Talib Karim, said he was pleased that the organizers had invited the brains of the country to highlight the research they have conducted to help Pakistan grow.

Dr Ejaz Ahmed, IoBM’s computer science dean, said that the university was the only one in the country to host an event to share specialized knowledge on mathematics. “The Mathematics Society at the IoBM has been organizing the conference for last seven years which covers the application of the selected topics in the fields of business, economics, computer science, management and finance.” He added that despite its undeniable importance and the presence of qualified experts in the country, mathematics as a subject is not getting the attention it deserves in Pakistan.

He said that the event was designed in such a manner that besides speeches and presentations, participants have time to discuss insights and exchange ideas. In the past years, the mathematics colloquium was held with themes such as optimization, simulation, financial mathematics, risk management and risk forecasting.

All speakers believed that such conferences benefit various fields and could aid economic development – only if they were given a chance and more were organised. Prof. Dr SM Aqil Burney of Karachi University said, “What remains of vital significance is feedback and follow-up so that these benefits are positively reflected in the overall developmental perspective of the country.”

Papers presented at the conference included ones on the analysis of human communities using fuzzy graphs, stochastic exponential model for population growth and the conditional relationship between risk and return with evidence from an emerging market.

Those present on the occasion included Prof. Masoodul Haq the head of the mathematics and science department at Usman Institute of Technology.
National colloquium unfolds miracles of mathematics

KARACHI, Mar 11 (PR): At the 7th National Mathematics Colloquium organized at the Institute of Business Management (IoBM) recently, concerned experts, including scientists, mathematicians, academicians and professionals, unfolded miracles of mathematics in the developmental perspective of Pakistan, says an announcement from the IoBM Public Affairs Section.

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Sunday, March 10, 2013

Colloquium unfolds miracles of maths

Karachi: March 10: The Institute of Business Management (IoBM) on Saturday organized seventh National Mathematics Colloquium under the theme of “Stochastic modeling and data analysis – applications in actuarial science, risk management, computer science, engineering, economics, finance and management”.

The event participants, including scientists, mathematicians, academicians and professionals, unfolded miracles of mathematics in the developmental perspective of Pakistan. The papers presented at the colloquium, included: “Analyzing human communities using fuzzy graphs” by Sarah Altaf and Ayesha Kidwai; “Stochastic exponential model for population growth” by Ubaidullah, Arfan Haider and Erfan Qureshi; “Extending the stochastic approach to Paasches Price Index numbers” by Prof Dr SM Aqil Burney and Arfa Maqsood; “Conditional relationship between risk and return: evidences from an emerging market” by Sara Azher; “Does stock price volatility originates from macro shocks? Empirical evidence from the South Asian equity market” by Javed Iqbal and Sadia Aslam; and “Application of stochastic volatility model to KSE-100” by Syed Monis Javed.

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Prof Dr SM Aqil Burney of Karachi University, Prof Masood-ul-Haq from Usman Institute of Technology, Karachi and Samiul Hassan, an Actuary of national and international repute, were also present on the occasion.
KARACHI - The 7th Mathematics colloquium with the theme of “Stochastic Modeling and Data Analysis” – Applications in Actuarial Science, Risk Management, Computer Science, Engineering, Economic, Finance and Management, will be held at the auditorium of the Institute of Business Management (IoBM), Korangi Creek, on March 9, said an announcement of the IoBM public affairs section.

Dr. Samar Mubarakmand, member Science and Technology, Planning Commission, ex-Chairman National Engineering and Scientific Commission and a renowned scientist of Pakistan, will be the chief guest at the colloquium. The IoBM has previously organized Mathematics colloquium on the various themes such as, Optimization, Simulation, Financial Mathematics, Risk Management, Forecasting, and Risk Forecasting. Participants on this occasion would be national experts on the theme of the colloquium. As such, the colloquium is scheduled to be represented by academia, corporate and professionals.

The program has been so designed that, besides speeches and presentations, due time will be available for discussion and open exchange of ideas and insights on the topic of the colloquium.
National Mathematics Colloquium

KARACHI, Mar 9 (PR):
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