Workshop on Science and Technology and Innovation Policy

A workshop on Science, technology and innovation Policy held on October 17-18, 2009 at Islamabad. The following faculty members of the Department of Mathematics attended the workshop.

- Dr. G.Q. Abassi (Professor & HOD)
- Dr. Qaiser Shahbaz (Associate Professor)
- Dr. S.A. Taj (Asst. Professor)
- Dr. Arif Rafique (Asst. Professor)
- Dr. Imran Siddique (Asst. Professor)

FOREIGN VISIT

Dr. Hani Shaker, Assistant Professor, Department of mathematics left for Uzbekistan to attend the ICTP workshop on "Introduction School and Conference on Faliations, Dynamical Systems, Singularity Theory and Perverse Sheaves" October 06-21,2009 at Samarkand, Uzbekistan.

WEEKLY SEMINAR

MULTIVARIABLE PUBLIC KEY CRYPTOGRAPHY

by

Dr. Tariq Javed Zia
(Assistant Professor)

Contents of talk
- Cryptology (in breif)
- Cryptography (detailed intro)
- Motivation to cryptography
- Background of cryptography
- Public key cryptography
- RSA cryptographic scheme in Public key cryptography
- Multivariate Public key cryptography (in breif)
ABOUT THE FAMOUS MATHEMATICIAN
J.J Sylvester  ( Sep3, 1814-March 15, 1897)

James Joseph Sylvester was the most influential mathematician in American in the 19th Century. At the age of 14 he studied under De Morgan and won several prizes and at the age of 25 he was elected a Fellow of the Royal Society. After receiving B.A and M.A degrees in 1841, Sylvester began a professional life that would include academics, law, and actuarial careers. His major contributions to mathematics were in the theory of equations, matrix theory, determinant theory, and invariant theory (which he founded with Cayley).

RESEARCH IN PROGRESS

M. A. Rehman and M. S. A. Taj, "Fifth-order numerical method for heat equation subject to a boundary integral specification", (accepted in Acta Mathematica Univeritatis 2009).


FACULTY PROFILE

Dr. Samman Shahbaz
( Assistant professor)

I was born and brought up in Lahore and have special association with this city. I have interest in cooking, poetry and gardening. I like flowers a great deal. During my education career I joined different institutions as I have thirst for learning and finally I achieved my goal of PhD in statistics. I was able to fulfill my dream by the Grace of Almighty Allah, prayers and support of my parents and loving husband. During my professional career I served Hazrat Ayesha Sadiqqa Degree Girls College for six years and now I am serving COMSATS as Assistant professor since Feb 2008. I learned a lot during my educational and professional life and still in the process of learning. I am grateful to my teachers who have been a source of inspiration throughout.

Field of interest: Probability and Mathematical Statistics
Publications: 5