



**LAHORE UNIVERSITY OF MANAGEMENT SCIENCES**  
**Centre for Advanced Studies in Mathematics**

**WORKSHOP ON PROBABILISTIC METHOD IN  
COMBINATORICS AND GEOMETRY**  
**(March 1-2, 2008)**

**March 1, 2008 (Saturday)**

**Veune = A-10**

<b>Sr.</b>	<b>Time</b>	<b>Topics and Speaker</b>
1.	8:30-9:00	<b>Registration</b>
2.	9:00-10:30	<i>The Probabilistic Method: Examples and Applications</i> <b>Sarmad Abbasi</b> Lahore University of Management Sciences
3.	10:30-11:00	<i>Break</i>
4.	11:00-12:30	<i>Alterations</i> <b>Sarmad Abbasi</b> Lahore University of Management Sciences, Lahore.
5.	12:30-2:00	<i>Lunch in EDH &amp; Prayer Break</i>
6.	2:00-3:30	<i>The Second Moment Method &amp; the Local Lemma</i> <b>Sarmad Abbasi</b> Lahore University of Management Sciences, Lahore.
7.	3:30-4:00	<i>Break</i>
8.	4:00-5:30	<i>Probabilistic Method in Combinatorial Geometry</i> <b>Nabil Mustafa</b> Lahore University of Management Sciences, Lahore.

**March 2, 2008 (Sunday)**

<b>Sr.</b>	<b>Time</b>	<b>Topics and Speaker</b>
9.	9:00-10:30	<i>Applications to Combinatorics and Graph Theory</i> <b>Sarmad Abbasi</b> Lahore University of Management Sciences, Lahore.
10.	10:30-11:00	<i>Break</i>
11.	11:00-12:30	<i><math>\epsilon</math> - Nets and VC-dimension</i> <b>Nabil Mustafa</b> Lahore University of Management Sciences, Lahore.
12.	12:30-2:00	<i>Lunch in EDH &amp; Prayer Break</i>
13.	2:00-3:30	<i>Codes, Games and Entropy</i> <b>Sarmad Abbasi</b> Lahore University of Management Sciences, Lahore.
14.	3:30-4:00	<i>Break</i>
15.	4:00-5:30	<i>Cuttings, Crossing Lemma and its Applications</i> <b>Nabil Mustafa</b> Lahore University of Management Sciences, Lahore.