

ABDUS SALAM SCHOOL OF MATHEMATICAL SCIENCES (ASSMS)
AND
NATIONAL CENTRE FOR MATHEMATICS(NCM), GC UNIVERSITY, LAHORE

invite you to participate in

INTENSIVE COURSE / RESEARCH SEMINARS
ON

THEORY OF INEQUALITIES

by

ACADEMICIAN PROFESSOR JOSIP PECARIC

COURSE CONTENTS:

Introduction to theory of convex functions, Inequalities for convex function, Jensen inequality, Conversions of Jensen inequality, Hadamard's inequality, Petrovic's and related inequalities, Jensen-Steffensen and related inequalities, Jensen-Mercer inequality, Levinson's inequality, Some general linear inequalities, Some classical inequalities, Means, Holder inequality, Minkowski inequality, Conversions of Holder and Minkowski inequalities, Alzer Popoviciu and Bellman inequalities, Chebyshev and Grüss inequalities, Some integral inequalities, Inequality of Ostrowski, Euler integral identity and some related results, Applications in quadrature formulas, Various generalizations of convex functions and their inequalities, Operator convex functions and inequalities for operators, Functions with nondecreasing increments.

The most recent research works and published papers will be discussed so that Ph.D/M.Phil students can start independent research right away.

SCHEDULE:

Starting Date: November 5, 2007

Ending Date: December 15, 2007

TIMINGS:

Monday: 10:00 AM – 12:00 (Noon)

Wednesday: 10:00 AM – 12:00 (Noon)

Friday: 10:00 AM – 12:00 (Noon)

VENUE:

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