

Economics Seminar, Indian Statistical Institute, New Delhi.

SPEAKER: Souvik Roy, Maastricht University

TITLE: Characterization of the non-manipulable Profiles under approval rules

TIME: 11:30 - 1:00 P.M.

DAY & DATE: Friday, August 21st, 2009

PLACE: Seminar Room 2, New Building

Abstract:

Under a k -approval scoring rule each agent attaches a score of one to his k most preferred alternatives and zero to the other alternatives. The rule assigns the set of alternatives with maximal score. Agents may extend preferences to sets in several ways: they may compare the worst alternatives, or the best alternatives, or use a stochastic dominance criterion. In this paper we characterize the non-manipulable profiles for each of these set comparisons. For two-agent profiles we also determine the value(s) of k for which the number of non-manipulable profiles is maximal.

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