

Winter School on modular functions in one and several variables

Organizers: R. Balasubramanian, S. Gun, A. J. Jayanthan and W. Kohnen

8-17 December 2014

Venue: Goa University, Goa

This advanced instructional school is primarily meant for graduate students having already been introduced to the theory of modular forms. Few motivated undergraduate students with a strong background in complex analysis may also be accommodated.

Graduate students should ensure to arrange a letter of recommendation from their advisor. For undergraduate students, a letter from a faculty from their college/ institute shall suffice. We shall cover the living as well as boarding expenses. Graduate students are encouraged to apply from their current institute for travel support. We shall try to cover the travel of undergraduate students as per the Government rules.

List of speakers

- **R. Balasubramanian:** Modular forms on $\Gamma_0(N)$.
- **J.-H Bruinier:** Borcherds products.
- **Y-J Choie:** Periods of modular forms and related topics.
- **J. Funke:** Weakly holomorphic modular forms.
- **W. Kohnen:** Jacobi forms and applications.
- **M. Manickam:** Modular forms of weight $\frac{1}{2}$.
- **R. Murty:** Modular forms and Chebotarev density theorem.
- **B. Ramakrishnan:** Modular forms of weight $\frac{1}{2}$.
- **M. Waldschmidt:** Algebraic independence of periods of Elliptic curves.

Request for participation should be sent to:
winterschool.modular@gmail.com

LAST DATE FOR APPLICATION IS 15TH OCTOBER.