



Information and Announcements

Science Academies' Refresher Course in Theoretical and Computational Fluid Dynamics

27 August to 8 September 2012

Sponsored by

Indian Academy of Sciences, Bangalore

Indian National Science Academy, New Delhi

The National Academy of Sciences, India, Allahabad

Organized by PSGR Krishnammal College for Women, Coimbatore 641 004, Tamil Nadu

PSGR Krishnammal College for Women, Coimbatore will organize a two-week Refresher Course on Theoretical and Computational Fluid Dynamics for college and university teachers with the main objective of providing value-added quality teaching to the student community.

Topics to be covered: Kinematics of fluids; dynamics of flow fields; exact solutions of flow problems; approximations in fluid mechanics; plane flows in polar co-ordinates; boundary layer theory; bio fluid mechanics; lubrication theory; thermodynamics; stability; gas dynamics and two-phase flows; atmospheric waves and water waves.

Resource Persons: Professors P Kandaswamy (Bharathiar University; Course Director); N Rudraiah, M. Venkatachalappa, I S Shivakumara (all of Bangalore University); Maithili Sharan (IIT Delhi); V D Sharma (IIT Mumbai); Peeyush Chandra (IIT Kanpur); T Amaranath (University of Hyderabad); N M Bujurke (Karnatak University); R Usha (IIT Chennai); K Sumathi (PSGR Krishnammal College); S Saravanan (Bharathiar University).

Participation: Those who wish to participate in the course should apply in the stipulated format which can be downloaded from the website: <http://www.psgrkc.com/academyrefresher> and can be sent to: arc@psgrkc.com.

For further details contact: **Dr K Sumathi**, Co-ordinator, Department of Mathematics, PSGR Krishnammal College for Women, Coimbatore 641 004. Email: sumathiarun_math@yahoo.co.in; Mobile: 098422 04621.

Selection will be based purely on academic record. Selected teachers will be provided local hospitality and round trip shortest train fare (3-tier AC).

Last date for submission of application: 15 June, 2012.

