

Science Academies' Lecture Workshop on
Theoretical and Computational
Fluid Dynamics

Registration Form

Name:.....

Designation:.....

Level (M.Sc./M.Phil./Ph.D.).....

Major Subject.....

Department:.....

Name of the Institution:

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Address for Communication:

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Contact number:

E-mail :.....

Signature of the Participant

*Signature of the HOD
with seal*

RESOURCE PERSONS

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Science Academies' Lecture

Workshop on

**Theoretical and Computational
Fluid Dynamics**

October 04-06, 2017

Sponsored by

Indian Academy of Sciences, Bengaluru
Indian National Science Academy, New Delhi
The National Academy of Sciences, India,
Allahabad



IAS



INSA



NASI

Organized by

DEPARTMENT OF MATHEMATICS



BHARATHIAR UNIVERSITY
(Re-Accredited with "A" Grade by NAAC)
COIMBATORE-641046
TAMILNADU

About University

The Bharathiar University was established at Coimbatore by the Government of Tamilnadu in February, 1982 under the provision of the Bharathiar University Act, 1981 (Act 1 of 1982). The Postgraduate Centre of the University of Madras, which was functioning in Coimbatore before 1982 formed the core of the Bharathiar University. In May, 1985 the University received the recognition from University Grants Commission (UGC) New Delhi for the purpose of grants. The University opted for an evaluation by the National Assessment and Accreditation Council (NAAC) of the University Grants Commission. The apex council NAAC awarded "A" grade and subsequently re-accredited with "A" grade in the year 2016. In 2014, the University was ranked as 29th position by India Today. Also the University ranked 28th in National Institutional Ranking Framework (NIRF).

The UGC Supports 12 of our Departments through its Special Assistance Programme (UGC SAP) to encourage the pursuit of excellence and teamwork in advanced teaching and research to accelerate the realization of international standards in specific fields with a grant of more than 5 Crores. The University established the DRDO-BU Centre for Life Sciences as a joint venture by DRDO, Bharathiar University and Government of Tamilnadu (Phase-I - ~Rs.14 Crores and Phase-II - ~Rs.24 Crores) to engage research in advanced areas of Life Sciences and Multidisciplinary Areas which are relevant to defense.

About Mathematics Department

The Department of Mathematics was established in 1978 as the Department of Applied Mathematics in the erstwhile Post Graduate Centre of University of

Madras. Later in 1982 when the Bharathiar University was formed by the Government of Tamilnadu the Department came under the aegis of Bharathiar University. In 2002 Department was recognized by UGC as UGC DRS Centre for Fluid Dynamics under the Special Assistance Program. Recently it has been upgraded for the third stage of UGC (SAP). The Department offers M.Sc., M.Phil. and Ph.D. programmes in Mathematics with more emphasis on Applied Mathematics. The Department conducts various research activities which are fundamental and applied in nature and in particular, Computational Fluid Dynamics, Differential Equations, Fuzzy Mathematics. Currently Department has ten faculties in different cadres. The Department is getting a separate library grant of Rs. 6 lakhs every year from the NBHM and we have good collection of foreign books in our library. The Department has an international standard smart class room facility to give the lecturers and seminars. The Department has published more than 800 research papers in international and national journals. Several of them are published in Science Citation Indexed Journals. Due to this contribution all of our full time Ph.D. research scholars have obtained Post Doctoral Fellowships in foreign countries. The faculty members are periodically visiting foreign Universities for carry out the research in the frontier areas.

Science Academies

Indian Academy of Sciences (IAS) was founded in 1934 by Sir C.V. Raman, Nobel Laureate. Its objectives include promoting the progress and upholding the cause of science, both in pure and applied branches. The Academy recognizes the special relationship of scientific creative activity with the process of education and holds that the course

of discovery includes the identification and nurturing of scientific talent amongst the young.

Indian National Science Academy (INSA) was established in January 1935 with the object of promoting science in india and harnessing scientific knowledge for the cause of humanity and national welfare.

The National Academy of Sciences, India (NASI) was founded in the year 1930, with the objectives to provide national forum for the publication of research work carried out by Indian scientist and to provide opportunities for exchange of views among them.

Aim of the Workshop

In keeping with the University vision of cultivating a culture of academic excellence on campus, the department organizes seminars, conferences and workshops to sustain high quality education in the discipline of mathematics. The objective of the workshop is to enable theoretical understanding, application, and analysis of fluids dynamics to problems relevant to Industry. With this focus, the workshop topics aim to open up greater options for research and course offerings in the field of fluid dynamics.

Registration

PG Students, M.Phil./Ph.D. Scholars and Faculty members from recognized Intuition. There is **no registration fee** to attend the workshop. Limited participants will be permitted and registration is done on the basis of "First Comes First Served". **No spot registration**. Those who wish to participate in the lecture workshop should send the filled registration form to the **Coordinator on or before 25th September 2017** either by post or mail.